DIXON

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The Right Connection®

ADPL718



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718

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The Right Connection®

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Information contained in this catalogue is true and accurate as of the date of printing and may be subject to change.

OUR PATH TO UNCOMMON EXCELLENCE



MISSION TO DELIGHT

Working together to delight our customers and generate profit.

VISION FOR TODAY AND TOMORROW

- Lead in our chosen markets by setting and achieving ambitious goals.
- Provide quality products, rapid delivery, and superior customer service worldwide.
- Encourage and assist all employees to reach their full potential with opportunities to influence the decision making process.
- Be accountable for executing our plans.

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"As long as we focus on people, product and service, everything else will fall into place and we will achieve ***Uncommon Excellence***." - R.L. Goodall, CEO



ENDURING VALUES SINCE 1916

RESPECT
CITIZENSHIP
RESPONSIBILITY
CARING
FAIRNESS
TRUSTWORTHINESS

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COMMITTED & CONNECTED

Dixon Asia Pacific was established in 1996 and is a premier manufacturer and supplier of material transfer products, across a wide range of markets – mining, oil & gas, marine, fire protection, industry, food & beverage, irrigation and petro chemical.

Dixon is committed to being the easiest company to do business with, and has an unsurpassed reputation of producing safe and leak free products for more than 100 years. Founded by Howard W. Goodall in 1916 through visiting construction sites, Howard identified their hose and coupling requirements and started manufacturing purpose built product solutions.

Headquartered in Chestertown, Maryland in the United States of America, Dixon has grown to be a leading innovator in the hose coupling industry.

With sales and distribution centres in Australia, Singapore and China, Dixon utilises its application based knowledge and current technologies to create products to solve challenges across a wide range of material transfer applications.

Dixon Asia Pacific is focused on providing value add services, superior customer service, technical support and training; ensuring its customers can connect with the right parts at the right time.









"These aren't just words on a paper. We live and breathe the ***Six Pillars***." - Bob Grace, President



Real solutions for real challenges







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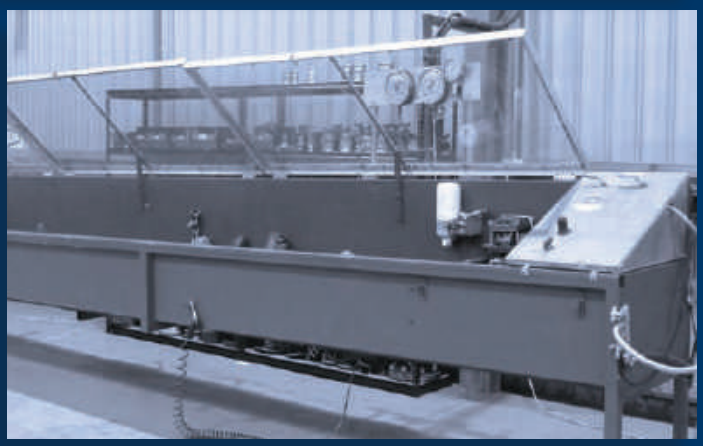
VALUE ADD CENTRES

Dixon has value add centres located across Asia Pacific where customers have access to made-to-order hose assemblies for a wide variety of material transfer applications. These hose assemblies can be tested and certified and feature Dixon hose, couplings, clamps and ferrules providing a fully integrated and safe Dixon assembly. Other value add services include Dixon sanitary pump program, specifying and assembling pumps for food and beverage and pharmaceutical applications.







WORLD CLASS CUSTOMER SERVICE

Dixon provides a multi-channel communication experience so customers can reach out easily and connect with a superior customer service team, with technical product enquiries and order placement right across the region.



"**U**ltimately our most important connection is with our customers and Dixon is committed to being the easiest company to do business with ***Everyday***." -
Andrew Prentice
Managing Director,
Dixon Asia Pacific

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LINK

YOUR QUICK LINK TO DIXON



- **24 hour online ordering**
- **Pricing enquiries**
- **Stock availability**
- **Complete product catalogue**
- **Special promotions**
- **Point of sale promotional items**
- **View invoices**
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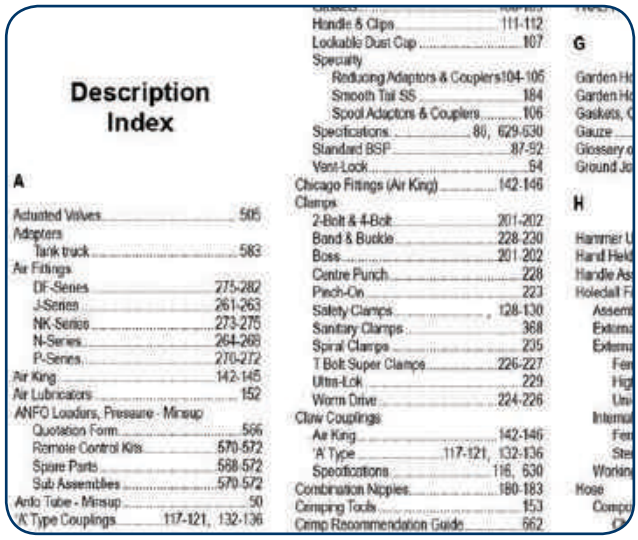

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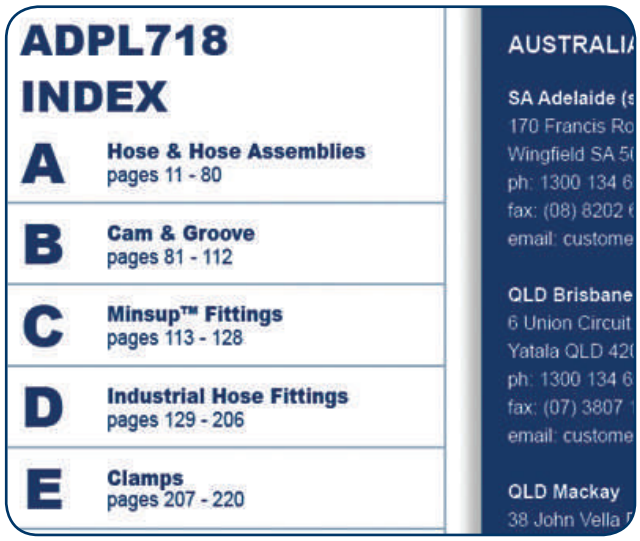


The Back Cover

Section tabs are located on the left hand side which correspond with the thumb tabs in the main body of the catalogue, similar to the Table of Contents. They will also tell you the page range for each section.

The Dixon™ Product Catalogue and Price List

This catalogue is intended as a product offering. It is not intended to be a user or technical manual. Information in this catalogue is subject to change without notice.

All users and distributors of products sold throughout this catalogue should contact Dixon™ with questions of use, compatibilities, coupling procedures and life of product. Dixon™'s full-time engineering and test staff are always available to recommend uses, and to assist distributors and users with any questions.

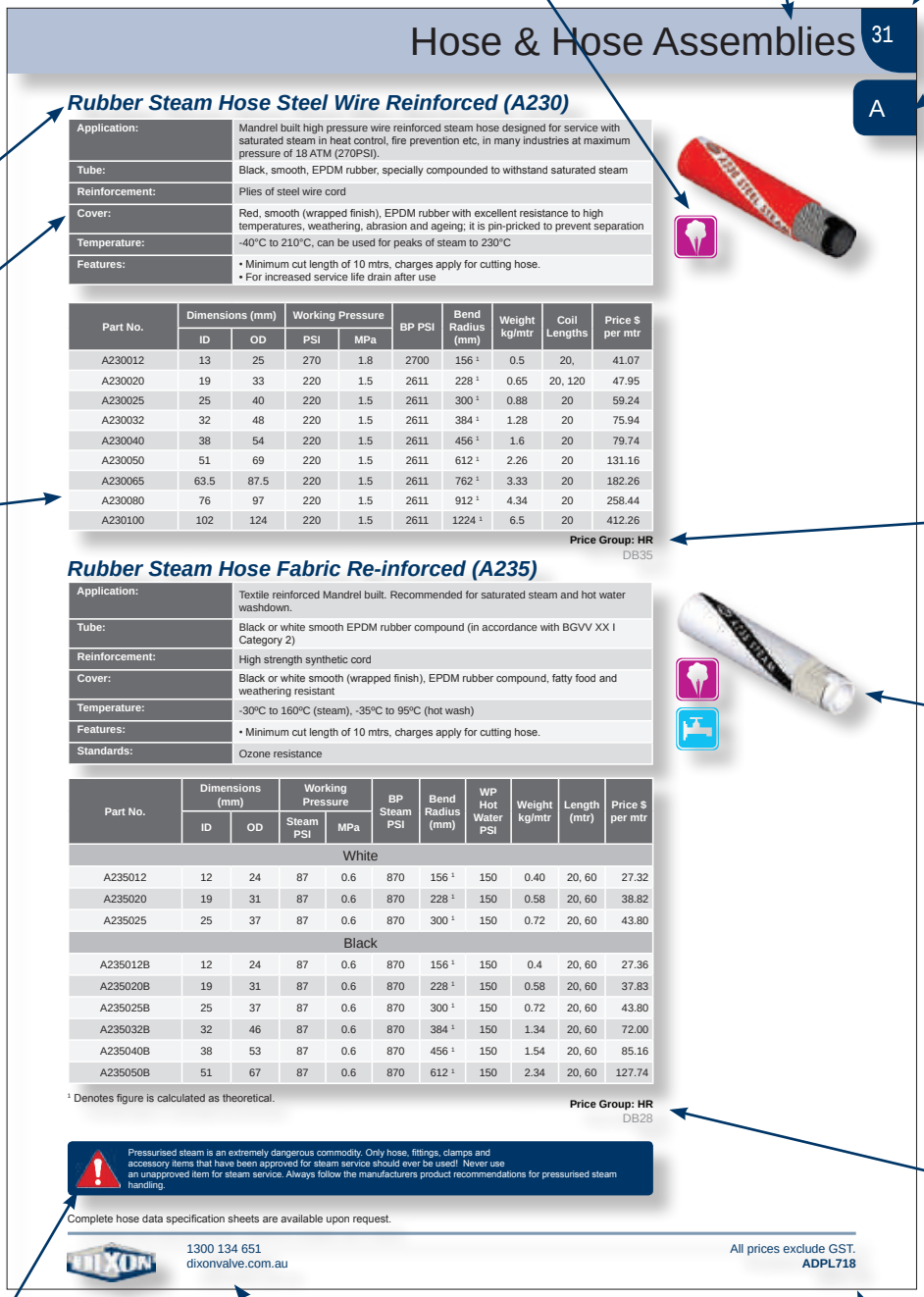
How To Use This Catalogue

Section Heading
(26 Main Sections used as a quick search for the product required eg. Hose, Pipe, Valves etc)

Application Symbol
(Determines what kind of application the product should be used for. See Hose Index for definitions)

Page Number

Section Tab & Page Range



Hose & Hose Assemblies 31

A

Rubber Steam Hose Steel Wire Reinforced (A230)

Application:	Mandrel built high pressure wire reinforced steam hose designed for service with saturated steam in heat control, fire prevention etc, in many industries at maximum pressure of 18 ATM (270PSI).
Tube:	Black, smooth, EPDM rubber, specially compounded to withstand saturated steam
Reinforcement:	Plies of steel wire cord
Cover:	Red, smooth (wrapped finish), EPDM rubber with excellent resistance to high temperatures, weathering, abrasion and ageing; it is pin-pricked to prevent separation
Temperature:	-40°C to 210°C, can be used for peaks of steam to 230°C
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose. • For increased service life drain after use

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A230012	13	25	270	1.8	2700	156 [1]	0.5	20,	41.07
A230020	19	33	220	1.5	2611	228 [1]	0.65	20, 120	47.95
A230025	25	40	220	1.5	2611	300 [1]	0.88	20	59.24
A230032	32	48	220	1.5	2611	384 [1]	1.28	20	75.94
A230040	38	54	220	1.5	2611	456 [1]	1.6	20	79.74
A230050	51	69	220	1.5	2611	612 [1]	2.26	20	131.16
A230065	63.5	87.5	220	1.5	2611	762 [1]	3.33	20	182.26
A230080	76	97	220	1.5	2611	912 [1]	4.34	20	258.44
A230100	102	124	220	1.5	2611	1224 [1]	6.5	20	412.26

Price Group: HR
DB35

Rubber Steam Hose Fabric Re-inforced (A235)

Application:	Textile reinforced Mandrel built. Recommended for saturated steam and hot water washdown.
Tube:	Black or white smooth EPDM rubber compound (in accordance with BGVV XX I Category 2)
Reinforcement:	High strength synthetic cord
Cover:	Black or white smooth (wrapped finish), EPDM rubber compound, fatty food and weathering resistant
Temperature:	-30ºC to 160ºC (steam), -35ºC to 95ºC (hot wash)
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose.
Standards:	Ozone resistance

Part No.	Dimensions (mm)		Working Pressure		BP Steam PSI	Bend Radius (mm)	WP Hot Water PSI	Weight kg/mtr	Length (mtr)	Price $ per mtr
	ID	OD	Steam PSI	MPa						
White										
A235012	12	24	87	0.6	870	156 [1]	150	0.40	20, 60	27.32
A235020	19	31	87	0.6	870	228 [1]	150	0.58	20, 60	38.82
A235025	25	37	87	0.6	870	300 [1]	150	0.72	20, 60	43.80
Black										
A235012B	12	24	87	0.6	870	156 [1]	150	0.4	20, 60	27.36
A235020B	19	31	87	0.6	870	228 [1]	150	0.58	20, 60	37.83
A235025B	25	37	87	0.6	870	300 [1]	150	0.72	20, 60	43.80
A235032B	32	46	87	0.6	870	384 [1]	150	1.34	20, 60	72.00
A235040B	38	53	87	0.6	870	456 [1]	150	1.54	20, 60	85.16
A235050B	51	67	87	0.6	870	612 [1]	150	2.34	20, 60	127.74

[1] Denotes figure is calculated as theoretical.

Price Group: HR
DB28

Pressurised steam is an extremely dangerous commodity. Only hose, fittings, clamps and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturers product recommendations for pressurised steam handling.

Complete hose data specification sheets are available upon request.

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All prices exclude GST.
ADPL718

Price Group
(Determines the price discount off the product)

Product Image

Product Group

Product Description

Product Information Table
(Provides general information on the product)

Product Specification Table
(Provides product information including sizes and weights)

Safety Alert Icon
(This icon, which appears throughout this catalogue is used as a reminder that the user should carefully review for safety, the appropriateness of the product for the media, application and environment in which it will be used)

Dixon™ Contact Details
Phone number - this National number will direct you to your nearest Dixon™ Customer Service.
Web address - Dixon™ Website address.

ADPL - Australian Dixon™ Price List



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WATER
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AUTOMOTIVE
CHEMICAL
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DRY BULK
AIR
PROTECTIVE COVER
CEMENT
GAS
SLURRY
ALCOHOL
STEAM
PETROLEUM
FRAC
MARINE

A

Rubber Multi-Purpose Non-Conductive (A104)



Application:	Multi-Purpose hose used in steel mills, shipyards, foundries, auto plants and construction industries. For conveying a wide range of media inc. air, water, oil and other petroleum products
Tube:	NBR
Reinforcing:	Polyester Braid
Cover:	NBR
Temperature Range:	-20°C to 70°C
Special Features:	• Red, Yellow, Blue and covers allow for colour coding where cross contamination of media can affect the safe operation of plant equipment. • UV stabilised, Oil Mist Resistant, Non Conductive • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Red

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A104005	4.8	12.0	300	2.1	1200	29	0.10	200m Reels (2 x 100m per reel)	3.92
A104006	6.0	15.9	300	2.1	1200	36	0.24		5.30
A104008	8.0	17.0	300	2.1	1200	48	0.25		6.15
A104010	10.0	18.2	300	2.1	1200	60	0.27		6.71
A104012	12.5	21.9	300	2.1	1200	75	0.38		9.77
A104016	16.0	26.0	300	2.1	1200	96	0.43		14.52
A104020	19.0	30.2	300	2.1	1200	114	0.63		15.08
A104025	25.0	38.0	300	2.1	1200	150	0.96		21.79
A104032	32.0	45.0	250	1.7	1000	190	1.24	60m Reels (2 x 30 mtr per reel)	34.08
A104040	38.0	53.0	250	1.7	1000	228	1.44		48.03
A104050	50.0	67.0	200	1.4	800	400	1.50		62.55

Yellow

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A104010YE	10.0	18.2	300	2.1	1200	60	0.27	200 mtr reels (2 x 100 mtr per reel)	8.15
A104012YE	12.5	21.9	300	2.1	1200	75	0.38		10.94
A104020YE	19.0	30.2	300	2.1	1200	114	0.63		16.96
A104025YE	25.0	38.0	300	2.1	1200	150	0.96		24.46

Blue

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A104010BL	10.0	18.2	300	2.1	1200	60	0.27	200 mtr reels (2 x 100 mtr per reel)	8.15
A104012BL	12.5	21.9	300	2.1	1200	75	0.38		10.94
A104020BL	19.0	30.2	300	2.1	1200	114	0.63		16.96
A104025BL	25.0	38.0	300	2.1	1200	150	0.96		24.46

Price Group: HR

DB18

Complete hose data specification sheets are available upon request.

Rubber General Purpose Black (A101)

Application:	General Purpose Black is made to handle many special purpose air and water applications. This quality versatile hose meets the requirements for the industrial, construction and agricultural markets where oil is not considered a significant factor.
Tube:	EPDM
Reinforcement:	2 and 4 spiral polyester yarn
Cover:	EPDM / EPDM
Temperature:	-20°C to 90°C
Special Features:	• UV stabilised • Minimum cut length of 10 mtrs, charges apply for cutting hose.



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A101006	6.0	13.0	200	1.4	696	36	0.18	200m Reels (2 x 100m per reel)	4.45
A101008	8.0	15.0	200	1.4	696	48	0.23		5.15
A101010	10.0	17.2	200	1.4	696	60	0.27		5.53
A101012	12.0	22.0	200	1.4	696	72	0.47		7.81
A101016	16.0	25.0	200	1.4	696	96	0.54		10.49
A101020	19.0	29.4	200	1.4	696	114	0.68		13.36
A101025	25.0	36.5	200	1.4	696	150	0.99		17.21

Price Group: HR
DB19

Rubber Contractors Yellow Air Hose (A102)

Application:	Industrial and construction sites. Abrasive, heat and ozone resistant.
Tube:	NR/SBR
Reinforcement:	2 and 4 spiral polyester yarn
Cover:	EPDM
Temperature:	-20°C to 70°C
Special Features:	• UV stabilised: Abrasion resistant, oil mist resistant



Part No.	Dimensions (mm)		Working Pres-sure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A102012	13.0	21.0	200	1.4	600	78	0.35	20, 200	6.24
A102020	20.0	31.0	200	1.4	600	114	0.50	20, 200	10.31
A102025	25.0	37.0	200	1.4	600	150	0.75	20, 200	15.57

Price Group: HR
DB43

Complete hose data specification sheets are available upon request.

A

Whip Hose Assembly



Whip Hose fitted with Heat Treated Nipple & A-Type Coupling

Application:	For use on constant vibrating pneumatic tools (air drills, pavement breakers etc) The heat treated steel nipple which is connected to the tool withstands vibration and impact for a longer period. Connect the other end of Whip Hose to the air supply with the quick-acting coupling. Whip Hose should remain permanently connected to the tool and should be the same diameter as the supply line hose. Hire market, construction, road construction, heavy engineering
Temperature Range:	-20°C to 70°C
ID Sizes:	12mm, 20mm & 25mm
Assembly WP:	200 PSI
Standard Lengths:	600mm
Also Available:	With Surelock™ Couplings Can be made to suit higher working pressures, and can also be made to length.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Length (mm)	Price $ per mtr
	ID	OD	PSI	MPa				
WH15	12	21	200	1.4	696	78	600	120.93
WH20	20	31	200	1.4	696	114	600	134.65
WH25	25	37	200	1.4	696	150	600	175.93

Price Group: SD

DB43

The Importance of "Whip Hose"

Constant vibration created by air drills, pavement breakers etc is destructive to air hose couplings, especially the quick-acting type.
To provide protection, Dixon™ recommends installing a Whip Hose.

Contractors Yellow Air Hose Assembly (A102)



A102 Hose fitted with A-Type Couplings & Claw Clamps

Application:	Economical general purpose air hose. Abrasive, heat and ozone resistant. Construction and industrial sites, general maintenance.
Temperature Range:	-20°C to 70°C
ID Sizes:	20mm & 25mm
Assembly WP:	200 PSI
Standard Lengths:	20m
Also Available:	With Surelock™ couplings

Part No.	Working Pressure		Length	Complete Assemblies	Price $ per coil
	PSI	MPa			
A10202020F	200	1.4	20mm x 20mtr coil contractors yellow air hose	2 x ¾ A type industrial hose end coupling 2 x hose clamps with safety claw	230.19
A10202520F	200	1.4	25mm x 20mtr coil contractors yellow air hose	2 x 1 A type industrial hose end coupling 2 x hose clamps with safety claw	359.10

Price Group: HR

DB43

Complete hose data specification sheets are available upon request.

Rubber Super Air & Water Delivery Hose (A190)

Application:	Mandrel built air hose suitable for a variety of industries including construction sites and mines.
Tube:	SBR, black smooth, oil mist resistant
Reinforcement:	High strength synthetic cord
Cover:	Black/yellow with blue stripe (wrapped finish), long lasting EPDM rubber, weather and ozone resistant
Temperature:	-30°C to 70°C
Special Features:	• Ozone resistance • Minimum cut length of 5 mtrs, charges apply for cutting hose.



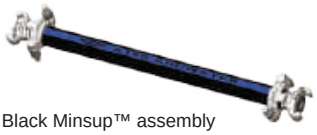
Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
Black									
A190012	13	23	300	2.1	900	60 [1]	0.37	20	15.24
A190020	19	29	300	2.1	900	90 [1]	0.55	20	19.75
A190025	25	35	300	2.1	900	120 [1]	0.59	20, 60	25.95
A190032	32	44	300	2.1	900	250 [1]	0.92	20	30.46
A190040	38	50	300	2.1	900	310 [1]	1.16	20	37.23
A190050	51	65	300	2.1	900	450 [1]	2.21	20	50.78
A190080	76	91	300	2.1	900	725 [1]	3.40	20	84.62
A190100	102	122	300	2.1	900	950 [1]	4.38	20	150.07
Yellow									
A190012Y	13	23	300	2.1	900	60 [1]	0.37	20	15.24
A190020Y	19	29	300	2.1	900	90 [1]	0.55	20	19.75
A190025Y	25	35	300	2.1	900	120 [1]	0.59	20	24.82
A190032Y	32	44	300	2.1	900	250 [1]	0.92	20	33.84
A190040Y	38	50	300	2.1	900	320 [1]	1.16	20	36.11
A190050Y	51	65	300	2.1	900	450 [1]	2.21	20	51.90
A190080Y	76	91	300	2.1	900	725 [1]	3.40	20	84.62
A190100Y	102	122	300	2.1	900	950 [1]	4.38	20	169.24

Price Group: HR

DB03

Super Air & Water Delivery Hose Assembly (A190)

Black/Blue Stripe									
Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
Minsup™ Surelock™ with Claw Clamps									
A19005020F	51	65	300	2.1	900	450 [1]	2.21	20	1590.87
Minsup™ A Type with Claw Clamps									
A19001220F	13	23	300	2.1	900	60 [1]	0.37	20	423.10
A19002520F	25	35	300	2.1	900	120 [1]	0.59	20	625.07
Minsup™ Surelock™ with Claw Clamps									
A19002520FSL	25	35	300	2.1	900	120 [1]	0.59	20	626.20



Black Minsup™ assembly with claw clamps



Black Minsup™ assembly with claw clamps

Yellow/Blue Stripe									
Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
Minsup™ Surelock™ with Boss™ Clamps									
A190050Y20F	51	65	300	2.1	900	450 [1]	2.21	20	1449.84



Yellow Minsup™ assembly with claw clamps

[1] Denotes figure is calculated as theoretical.

Price Group: HR

DB03

Complete hose data specification sheets are available upon request.

Rubber Super Heavy Duty Air & Water Delivery Hose (A191)



Application:	Mandrel built air hose suitable for mining where a heavy duty cover is required.
Tube:	SBR, black smooth, oil mist resistant
Reinforcement:	High strength synthetic cord
Cover:	Black/yellow smooth (wrapped finish), long lasting EPDM rubber, weather and ozone resistant
Temperature:	-30°C to 80°C
Special Features:	• Ozone resistance • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Weight kg/mtr	Bend Radius (mm)	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A191012	13	23	300	2.1	900	0.40	91	20	15.09
A191020	19	31	300	2.1	900	0.70	133	20	20.41
A191025	25	37	300	2.1	900	0.90	185	20	23.10
A191032	32	45	300	2.1	900	1.20	224	20	32.72
A191040	38	52	300	2.1	900	1.50	266	20	41.74
A191050	51	67	300	2.1	900	2.20	357	20	57.55

Price Group: HR

DB03

Rubber Super Heavy Duty Air & Water Delivery Hose Assembly (A191)



1" (DN25) Black Minsup assembly with claw clamps



2" (DN50) Black Minsup assembly with Boss™ clamps

BLACK									
Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $
	ID	OD	PSI	MPa					
Minsup™ Surelock™ with Band Clamps									
A191012FHA	13	23	300	2.1	900	0.40	91	20	348.25
Minsup™ A Type with Claw Clamps									
A191025020FA	25	37	300	2.1	900	0.90	185	20	551.73
Minsup™ Surelock™ with Claw Clamps									
A191025020FS	25	37	300	2.1	900	0.90	185	20	551.73

Note: 2" (DN50) available on request

Price Group: SD

DB03

Complete hose data specification sheets are available upon request.

Rubber Steel Heavy Duty Air Hose (A170)



Application:	Designed for the most severe working conditions in mining, quarries, industrial and construction service. It has a high margin of safety and gives a long and trouble-free service under the most rugged working conditions.
Tube:	Synthetic NBR rubber ,resistant to oil-mist mixed air and inert fluids
Reinforcement:	High tensile steel wire
Cover:	Abrasion, ozone and weather resistant pin pricked synthetic rubber.
Temperature:	-40°C to 70°C
Special Features:	• Ozone resistance • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Pressure						Bend Radius (mm)	Weight kg/mtr	Coil Lengths (m)	Price $ per mtr
	ID	OD	Positive PSI/Bar				Negative					
			Working		Burst		mmHg	Bar				
			PSI	Bar	PSI	Bar						
A170025	25.4	36	580	40	2320	160	N/A	N/A	125	0.88	20, 60	64.46
A170040	38.0	50	580	40	2320	160	N/A	N/A	190	1.54	20, 60	73.35
A170050	50.8	66	580	40	2320	160	N/A	N/A	225	2.52	20, 60	78.59
A170065	63.5	80	580	40	2320	160	N/A	N/A	315	3.36	20, 60	178.28
A170080	76.2	94	580	40	2320	160	N/A	N/A	380	4.50	20, 60	172.53
A170100	101.6	122	580	40	2320	160	N/A	N/A	510	6.77	20, 60	273.85

Price Group: HR

DB04

Rubber High Temp 135°C Steel Braid Bull Hose (A181)



Application:	For medium-high pressure hydraulic systems in industry, compressors and mining where operating temperatures are up to 135°C
Tube:	High temperature hydraulic oil resistant special synthetic rubber
Reinforcement:	2 high tensile steel wire braid
Cover:	Oil, abrasion and weather resistant special synthetic rubber, Blue ABR
Temperature:	-50°C to 135°C
Features:	Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	SAE 100 R2/DIN-EN 853 2 SN ISO 1307
Coil Lengths:	Greater than 10 mtrs for sizes up to 25mm Maximum 46 mtrs for sizes 25mm to 76mm

Part No.	Dimensions (mm)		Dash Sizes	ROD [1]	Pressure					Bend Radius (mm)	Weight kg/mtr	Coil Lengths (m)	Price $ per mtr
					Positive PSI/Bar				Negative				
	ID	OD			Working		Burst		Bar				
					PSI	Bar	PSI	Bar					
A181012	12.7	22.2	-08	19.8	3988	275	15950	1100	-0.95	180	0.666	20	38.89
A181016	16.0	25.2	-10	22.9	3625	250	14500	1000	-0.95	200	0.780	20	48.20
A181020	19.0	29.2	-12	26.9	3188	215	12325	850	-0.80	240	0.965	20	54.77
A181025	24.4	37.2	-16	34.8	2393	165	9425	650	-0.80	300	1.360	20	79.97
A181032	31.8	47.3	-20	44.3	1813	125	7250	500	-0.80	420	2.075	20	131.45
A181040	38.1	53.7	-24	50.7	1305	90	5220	360	-0.80	500	2.390	20	151.59
A181050	50.8	66.7	-32	63.5	1131	78	4500	310	-0.80	630	3.060	20	208.73
A181065	63.5	75.8	-40	75.8	1000	69	4000	276	-0.80	762	3.870	20	315.92
A181080	76.2	91.3	-48	87.8	725	50	2900	200	-0.80	900	4.160	20	394.89

[1] ROD (Reinforcement Outer Diameter) is the diameter over the wire reinforcement. This dimension is for hydraulic hose as it helps to determine the correct crimping diameter.

Price Group: HR

DB42

Complete hose data specification sheets are available upon request.

A

Rubber FRAS Air & Water Delivery Hose (A700)



Application:	Designed specifically for the conveyance of air and water in coal mining applications. 4:1 Safety Factor.
Tube:	Black anti-static NBR rubber compound, oil resistant
Reinforcement:	High strength synthetic cord
Cover:	Black smooth (wrapped finish), chloroprene rubber compound, oil and weather resistant
Temperature:	-15°C to 70°C
Features:	Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	Mandrel built to AS/NZS 2660:1991 Class B covering Fire Resistant Anti-Static (FRAS) hose

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A700010	10	20	300	2.0	1200	120 [1]	0.25	20	22.57
A700012	13	23	300	2.0	1200	156 [1]	0.56	20	24.58
A700020	19	29	300	2.0	1200	228 [1]	0.99	20	33.84
A700025	25	37	300	2.0	1200	300 [1]	1.20	20	39.30
A700032	32	46	300	2.0	1200	384 [1]	1.42	20	46.04
A700040	38	52	300	2.0	1200	456 [1]	1.52	20	50.53
A700050	51	65.5	300	2.0	1200	612 [1]	2.30	20	72.98
A700065	63	81	300	2.0	1200	762 [1]	2.63	20	97.69
A700080	76	93	300	2.0	1200	912 [1]	3.37	20	117.91
A700100	102	122	300	2.0	1200	1224 [1]	4.33	20	151.59
A700150	150	175	300	2.0	1200	1824 [1]	6.10	20	308.78

[1] Minimum cut length of 5 mtrs, charges apply for cutting hose.

Price Group: HR

DB10

Rubber FRAS Air & Water Suction & Delivery Hose (A710)



Application:	Designed specifically for suction & delivery of air & water in coal mining applications
Tube:	NBR
Reinforcement:	Synthetic cord + wire helix
Cover:	EPDM
Temperature:	-30°C to 70°C
Features:	Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	Mandrel built to AS/NZS 2660:1991 Class B covering Fire Resistant Anti-Static (FRAS) hose

Part No.	Dimensions (mm)		Working Pressure		BP (PSI)	Bend Radius (mm)	Weight kg/mtr	Vacuum (m.H20)	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa						
A710040	38	48	150	1.0	600	165	1.69	9	20	59.80
A710050	51	61	150	1.0	600	230	2.15	9	20	71.08
A710065	63	75	150	1.0	600	290	2.96	9	20	104.93
A710080	76	88	150	1.0	600	360	3.94	9	20	124.11
A710100	102	116	150	1.0	600	515	5.32	9	20	174.89
A710150	152	168	150	1.0	600	935	10.05	8	20	355.41

Price Group: HR

DB41

Complete hose data specification sheets are available upon request.

Rubber Contractors Water Suction Hose (A214)

Application:	Water and slurry hose for pumping industry.
Tube:	NR/SBR
Reinforcement:	Synthetic cord + wire helix, high strength
Cover:	Corrugated cover abrasion and weather resistant cover
Temperature:	-25°C to 70°C
Special Features:	• Oil resistant, weather resistant



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Vacuum (m.H2O)	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A214100	102	116	45	0.3	135	610	6.42	20	82.45
A214125	125	141	45	0.3	135	762	6.42	20	114.56
A214150	152	166	45	0.3	135	914	6.42	20	144.07
A214200	203	224	45	0.3	135	1218	6.42	20	243.02

Price Group: HR

DB17

Rubber Contractors Water Suction Hose (A214) Cuffed

Application:	Suitable for suction and open ended delivery.



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Vacuum (m.H2O)	Coil Lengths	Price $
	ID	OD	PSI	MPa					
A214100L6	102	116	45	0.3	135	610	6.42	6	494.71
A214150L3	152	166	45	0.3	135	914	6.42	3	432.22
A214200L3	203	224	45	0.3	135	1218	6.42	3	729.04

• If a pressurised assembly is required, contact Dixon™.

Price Group: HR

DB17

Contractors Suction Hose Assembly (A214)

Application:	Water Suction & Delivery assemblies are assembled in house by Dixon™'s trained hose technicians and can be tailor made to suit any application.
Tube:	Natural and synthetic rubber
Reinforcement:	Textile reinforcement and steel wire helix
Cover:	Corrugated, abrasion and weather resistant cover
Temperature Range:	-25°C to 70°C
Special Features:	Abrasion resistant. All fittings are secured with Ultra-Lok band clamps (refer to page 214).



Part No.	Hose	Bend Radius (mm)	Vacuum (m.H20)	Assembled with	Length (mtr)	Price $
A214075F	A214075	457	6.42	75mm male & female Bauer Couplings	6	651.63
A214100F	A214100	610	6.42	100mm standard male & female Bauer Couplings	6	902.41
A214150F	A214150	914	6.42	150mm standard male & female Bauer Couplings	3	1095.02
A214200F	A214200	1218	6.42	200mm standard male & female Bauer Couplings	3	1811.67

Price Group: HR

DB17

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.
Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.
Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

A

Rubber Heavy Duty Water Suction & Delivery Hose (A210)



Application:	Suction and delivery of air, water, waste, mud etc.
Tube:	NR/SBR
Reinforcement:	High strength synthetic cord + wire helix
Cover:	Black Wrapped Cover long lasting EPDM rubber ,weather and ozone resisrtant
Temperature:	-30°C to 70°C
Special Features:	• Abrasion and Ozone resistant cover • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Pressure						Bend Radius (mm)	Weight kg/mtr	Vacuum (m.H20)	Coil Lengths (m)	Price $ per mtr
			Positive PSI/Bar				Negative						
			Working		Burst		M/H20	Bar					
	ID	OD	PSI	Bar	PSI	Bar							
A210020	19	29	145	10	435	30	8.8		133	0.53	8.8	20,60	17.35
A210025	25	35	145	10	435	30	8.8		178	0.68	8.8	20,60	21.43
A210032	32	42	145	10	435	30	8.8		224	0.93	8.8	20,60	25.41
A210038	38	51	145	10	435	30	9.0		266	1.27	9	20,60	30.84
A210050	51	63	145	10	435	30	9.0		356	1.72	9	20,60	35.79
A210063	63	76	145	10	435	30	9.0		445	2.37	9	20,60	45.93
A210080	76	90	145	10	435	30	9.0		533	2.79	9	20,60	56.27
A210090	90	105	145	10	435	30	9.0		630	3.86	9	20,60	67.18
A210100	102	116	145	10	435	30	9.0		711	4.33	9	20,60	84.23
A210125	127	145	145	10	435	30	9.0		889	7.23	9	20	132.69
A210150	152	167	145	10	435	30	9.0		1067	10.18	9	20	152.29
A210200	203	222	145	10	435	30	9.0		1421	17.82	9	20	280.68
A210250	254	275	145	10	435	30	9.0		1778	24.40	9	10	454.18

Price Group: HR

DB16

Heavy Duty Air & Water Suction Delivery Hose Assembly (A210)



A210 Hose fitted with Bauers & Band Clamps

Application:	Heavy Duty hose for suction and delivery services of air, water, waste, mud mining, construction, refineries, dewatering
Tube:	Natural & synthetic rubber - NR/SBR
Cover:	Black smooth (wrapped finish), EPDM rubber, ozone and weathering resistant
Reinforcement:	Textile reinforcement and steel wire helix
Temperature Range:	-30°C to 70°C
Special Features:	• All fittings are secured with ultra-lock band clamps. Abrasion resistant • Suitable for suction and open ended delivery. If a pressurised assembly is required, contact Dixon™.
ID Sizes:	100mm – 300mm
Assembly WP:	Working pressure will vary depending on size, fitting and clamp selection. Contact Dixon™ for further information.
Also Available:	Smaller bore hose available down to 20mm. A variety of different fittings and materials available. Foot valves and strainers to suit.

Part No.	Hose	Length (m)	Bend Radius (mm)	Vacuum (m.H20)	Assembled with	Price $
A210100F	A210100	6	711	9	100mm Std Male & Female Bauer Couplings	1028.98
A210150F	A210150	3	1067	9	150mm Std Male & Female Bauer Couplings	1375.66
A210200F	A210200	3	1421	9	200mm Std Male & Female Bauer Couplings	1990.25

Price Group: HR

DB16

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.
Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.
Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Rubber Air & Water Discharge Hose (A200)

Application:	Water transfer hose - also suitable for air transfer
Tube:	Black, smooth, SBR rubber
Reinforcement:	High strength synthetic cord
Cover:	Black, smooth (wrapped finish), EPDM rubber compound, abrasion, weather and ozone resistant
Temperature:	-35°C to 70°C
Special Features:	• Ozone resistance • Minimum cut length of 5 mtrs, charges apply for cutting hose.



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A200012	13	20	145	1	435	165	0.22	20	13.27
A200020	19	27	145	1	435	190	0.29	20, 60	13.67
A200025	25	33	145	1	435	254	0.46	20, 60	15.38
A200032	32	41	145	1	435	320	0.76	20, 60	20.02
A200040	38	48	145	1	435	380	1.05	20, 60	25.39
A200050	51	60	145	1	435	508	1.49	20, 60	33.92
A200065	63.5	75	145	1	435	635	2.07	20, 60	49.47
A200080	76	88	145	1	435	762	2.66	20, 60	65.45
A200090	90	102	145	1	435	900	3.37	20, 60	81.24
A200100	102	114	145	1	435	1016	4.07	20, 60	88.00
A200125	127	140	145	1	435	1270	5.40	20	141.04
A200150	152	164	145	1	435	1524	6.44	20	168.16
A200200	203	217	145	1	435	2030	7.74	20	200.70
A200254	254	270	145	1	435	3048 [1]	10.1	20	495.33
A200300	305	320	145	1	435	3660 [1]	11.9	20	676.97

Price Group: HR

DB20

Rubber Petrol & Oil Aviation Refuelling Hose AS2683 (A455)

Application:	Mandrel built rubber hose, designed for aircraft re-fuelling operations
Tube:	Black, smooth, high quality nitrile rubber compound, resistant up to 50% maximum aromatic content
Reinforcement:	High strength synthetic cord
Cover:	Black, smooth (wrapped finish), high grade chloroprene, anti-static weather, ozone, abrasion and oil resistant
Temperature:	-25°C to 70°C
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose.
Standards:	According to: BS 3158 - API 1529; EN 1361 - AS 2683; 2010 VG 95955 - NFPA 407. Grade 2, kind 3



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A455025	25	38.5	300	2.1	1200	150 [1]	0.784	60	120.19
A455032	32	45.5	300	2.1	1200	180	0.966	60	130.81
A455040	38	52	300	2.1	1200	200	1.42	60	158.07
A455050	50	68	300	2.1	1200	250	1.76	60	196.23
A455065	63.5	79.5	300	2.1	1200	300	2.28	60	305.25
A455080	75	92.5	300	2.1	1200	450	2.63	60	381.56
A455100	100	118	300	2.1	1200	750	3.67	60	545.08

Price Group: HR

[1] Denotes figure is calculated as theoretical.

DB13

Complete hose data specification sheets are available upon request.

Rubber Petrol & Oil Suction & Delivery Hose (A430)



Application:	Specially designed for use on hydraulic systems such as oil return hose; can also be used for suction and discharge of various petroleum products with maximum 30% aromatic content. Used for wet exhaust applications.
Tube:	Black, nitrile
Reinforcement:	High strength synthetic cord + wire helix and anti-static copper wire
Cover:	Black, smooth (wrapped finish), synthetic rubber, abrasion, weather and oil mist resistant
Temperature:	-20°C to 70°C
Features:	• Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Vacuum (m.H20)	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa						
A430020	19	30	145	1	435	80	0.69	9	20, 60	30.34
A430022	22	32	145	1	435	90	0.80	9	20, 60	31.29
A430025	25	35	145	1	435	105	0.87	9	20, 60	32.65
A430032	32	43	145	1	435	135	1.12	9	20, 60	35.76
A430035	35	46.5	145	1	435	150	1.21	9	20, 60	37.55
A430040	38	49.5	145	1	435	165	1.42	9	20, 60	39.99
A430042	42	54	145	1	435	195	1.50	9	20, 60	51.49
A430045	45	57	145	1	435	205	1.60	9	20, 60	52.66
A430048	48	62	145	1	435	215	1.72	9	20, 60	55.32
A430050	51	63	145	1	435	230	1.87	9	20, 60	55.62
A430055	55	68	145	1	435	250	2.05	9	20, 60	66.91
A430060	60	73	145	1	435	275	2.48	9	20, 60	81.15
A430065	63	78	145	1	435	290	3.15	9	20, 60	81.37
A430070	70	83	145	1	435	330	3.48	9	20, 60	81.95
A430080	76	89	145	1	435	360	3.85	9	20, 60	87.22
A430090	90	105	145	1	435	440	4.22	9	20, 60	117.91
A430100	102	118	145	1	435	515	5.30	9	20, 60	134.85

Price Group: HR

DB15

Rubber Petrol & Oil Delivery Hose (A450)



Application:	Used for transfer on a wide range of petroleum products up to 50% aromatic content.
Tube:	Black, smooth, NBR conductive tube
Reinforcement:	High strength synthetic cord
Cover:	Black, smooth (wrapped finish), high grade conductive NBR cover
Temperature:	-20°C to 70°C
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP (PSI)	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A450020	20	30	145	1	435	240 [1]	0.34	20, 60	30.54
A450025	25	35	145	1	435	300 [1]	0.42	20, 60	35.46
A450032	32	42	145	1	435	384 [1]	0.55	20, 60	41.80
A450040	38	48	145	1	435	456 [1]	0.78	20, 60	49.38
A450050	51	61	145	1	435	612 [1]	1.21	20, 60	67.49
A450065	63	75	145	1	435	762 [1]	1.55	20	90.30
A450080	76	90	145	1	435	912 [1]	1.66	20	117.85

[1] Denotes figure is calculated as theoretical.

Price Group: HR

DB13

Complete hose data specification sheets are available upon request.

Heavy Duty Rubber Oil / Frac Delivery Hose (A451)

Application:	Used for oil, fuel, diesel and fracking applications.
Tube:	Black, smooth oil, diesel, fuel 50% aromatic and light chemical resistant
Reinforcement:	Textile high tensile
Cover:	Black, smooth heavy duty oil, weather ozone abrasion resistant rubber
Temperature:	-25°C to 70°C
Features:	• Minimum cut length of 5 mtrs, charges apply for cutting hose.



Part No.	Dimensions (mm)		Working Pressure		BP (PSI)	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A451100	101.6	124.0	400	2.75	1600	800	4.87	60	434.32

Price Group: HR
DB37

Rubber Petrol & Oil Bowser Hose (A420)

Application:	Used for fuel dispensing for regular & super grade petrol, unleaded petrol and diesel oil.
Tube:	Black, smooth, oil and petrol resistant, synthetic nitrile rubber
Reinforcement:	High tensile steel wire braid
Cover:	Black, smooth, oil, weather, ozone, abrasion and flame resistant synthetic rubber
Temperature:	-54°C to 85°C
Features:	• Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	UL Listed - MH45766



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Price $ per mtr
	ID	OD	PSI	MPa				
A420016	16.0	25.4	232	1.6	696	89	0.575	30.94
A420020	19.0	29.0	232	1.6	696	89	0.655	33.28
A420025	25.4	34.9	232	1.6	696	89	0.815	49.28

• Contact Dixon™ for coil lengths

Price Group: HR
DB13

Dubl-Grip® Reattachable Couplings for Pump Hose

Application:	Two piece re-attachable coupling made of chrome plated brass for pump hose. Worn portion of hose can be removed and Dubl-Grip® can be applied. Easy assembly - hose is held in position by sleeve as body is threaded home. Only a wrench is required to assemble the Dubl-Grip®. Caution - reattach static wire if required.
Design:	Streamlined design prevents damage to hose and fits smartly on new pump equipment. Wide, flat surfaces of body threads protect inside of hose from breaking. Tapered surfaces of sleeve and body cradle hose, prevent one-point strain from flexing. Hose is gripped on its full circumference in two places, ensuring a rigid leakproof connection.
Working Pressure:	300 PSI



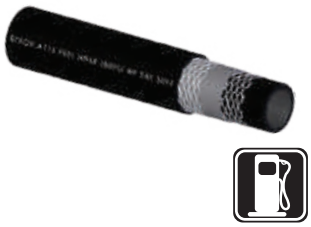
Hose ID x NPT Male x Hose OD Size (inch)	Part No.		Price $
5/8 x 3/4 x 1	850212		799.65
5/8 x 3/4 x 1-1/32	850213		137.45
5/8 x 3/4 x 1-1/16	850214	i	83.81
3/4 x 3/4 x 1-1/8	850451		92.16
3/4 x 3/4 x 1-13/64	850455	i	95.33
3/4 x 3/4 x 1-1/4	850453	i	32.47
1 x 1 x 1-3/8*	850841		141.01
1 x 1 x 1-7/16*	850801		190.03
1 x 1 x 1-1/2*	850811		181.74

Price Group: SD
AU05

Couplings have standard male NPT threads.
* Octagonal shape

Complete hose data specification sheets are available upon request.

Rubber Fuel Hose (A115)



Application:	Recommended for fuel transfer
Tube:	NBR
Reinforcing:	Polyester yarn
Cover:	Black smooth NBR / SBR blend
Temperature:	-20°C to 70°C
Standards:	According to SAE 30 R7

Part No.	Dimensions (mm / inch)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per coil
	ID	OD	PSI	MPa					
A11505	5.0	12.0	100	0.7	400	60	0.14	30	138.69
A11506	6.5	13.0	100	0.7	400	78	0.15	30	152.35
A11508	8.0	15.0	100	0.7	400	96	0.18	30	166.00
A11510	10.0	17.0	100	0.7	400	120	0.22	30	183.86
A11512	13.0	20.0	100	0.7	400	156	0.27	30	258.51

Price Group: HR

DB13

Rubber Material Handling Ammonia Nitrate Placement Hose (A440)



Application:	Used for the conveying of Ammonia Nitrate Emulsion in deep placement explosive applications
Tube:	PVC/NBR smooth black rubber
Reinforcement:	Textile reinforcements plus helix wires
Cover:	Synthetic black, smooth rubber in accordance to ASTM norm, fire resistant
Temperature:	-15°C to 70°C
Features:	Minimum cut length of 10 mtrs, charges apply for cutting hose.
Helix:	Stainless steel 2mm wire. 2 wire helix for greater flexibility
Static Wire:	Stainless steel woven 1mm
Branding:	Black Thunder HD emulsion placement hose WP10BAR/20BAR

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Vacuum (m.H20)	Weight kg/mtr	Coil Lengths	Price $ per mtr / coil
	ID	OD	PSI	MPa						
A440050	51.0	71	145	1	435	300	9	3.0	120	242.05
A440050HD120	51.0	71	300	2	900	300	9	3.0	120	31458.63 [1]

[1] Heavy Duty Hose is sold in 120mtr coils only, price is per coil.

Price Group: HR

DB31

Tank Truck Vent Hose



Application:	This antistatic rubber hose is designed for vapour discharge for fuel tank truck hatch vapour vents.
Tube:	Nitrile Buna Rubber (NBR)
Reinforcement:	High strength synthetic Cord
Cover:	Black smooth wrapped synthetic rubber - weathering & oil resistant
Temperature:	-20°C to 70°C
Special Features:	2 x copper wires

Part No.	Dimensions (mm)	Working Pressure		Burst Pressure		Length (m)	Weight kg/m (approx.)	Price $ per mtr
	ID	PSI	Bar	PSI	Bar			
DBVH090	72	72	5	216	15	60	2.00	199.65

Price Group: BY

AS02

- Vapour Recovery Vent refer to page 571
- For Dubl-Grip attachable fittings refer to page 23.
- Contact Dixon™ for coil lengths

Complete hose data specification sheets are available upon request.

Rubber Material Handling R.C. (Reverse Cycle) Sampling Hose (A550)

Application:	Designed for use on reverse cycle drill rigs, where a high pressure abrasion resistant hose is required.
Tube:	Black, NBR, smooth oil and abrasion resistant
Reinforcement:	4 ply synthetic cord; wire helix
Cover:	Black with yellow stripe; oil, abrasion and weather resistant
Temperature:	-40°C to 120°C
Special Features:	• Ozone resistance, UV stabilised, abrasion resistant



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A550050	51	77	500	3.45	1500	612 [1]	3.5	20	146.23
A550065	63.5	90.5	500	3.45	1500	762 [1]	4.0	20	192.77
A550080	76	104.5	500	3.45	1500	912 [1]	4.8	20	212.40
A550100	102	134.5	500	3.45	1500	1224 [1]	6.5	20	332.35

Price Group: HR

DB38

[1] Denotes figure is calculated as theoretical.

Rubber Concrete Placement Hose Synthetic Cord (A500)

Application:	Mandrel built rubber hose engineered for spraying of plaster, grout, gypsum & concrete. Heavy construction resists kinking.
Tube:	Black smooth, specially compounded for superior resistance to abrasion, NR
Reinforcement:	High strength synthetic cord
Cover:	NR/SBR blend
Temperature:	-40°C to 70°C
Special Features:	• Ozone resistance, UV stabilised, antistatic, abrasion resistant, abrasion value max: 70mm³ • Minimum cut length of 10 mtrs, charges apply for cutting hose.



Part No.	Wall Thick-ness	Dimensions (mm)		Working Pres-sure		BP PSI	Bend Radius	Weight kg/mtr	Coil Lengths	Price $ per mtr
		ID	OD	PSI	MPa					
A500050	9.1	50.8	69	580	4	1740	508	2.1	20	121.69
A500065	9.75	63	83	580	4	1740	630	2.6	20	185.81
A500080	10	76	96	580	4	1740	762	3.1	20	238.05
A500100	15	102	130	580	4	1740	1020	6.0	20	377.41

Price Group: HR

DB09

Rubber Concrete Placement Hose Steel Cord (A505)

Application:	Used for the placement of concrete to the casting location; its flexible construction allows easy handling & small bending radius; crush & full suction resistant.
Tube:	Black, abrasion resistant natural rubber. Abrasion value 70mm3 DIN53516. Antistatic compound. NR
Reinforcement:	Plies of steel cord
Cover:	NR
Temperature:	-30°C to 80°C
Special Features:	• Ozone resistance, UV stabilised, antistatic, abrasion resistant, abrasion value max: 70mm³ • Minimum cut length of 10 mtrs, charges apply for cutting hose.



Part No.	Wall Thick-ness	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Coil Lengths	Price $ per mtr
		ID	OD	PSI	MPa					
A505050	10.1	50.8	71	1200	8.3	2900	610	3.4	20	157.48
A505065	11.75	63.5	87	1200	8.3	2900	762	5.0	20	340.08
A505080	13.9	76.2	104	1200	8.3	2900	914	6.6	20	267.09
A505100	14.2	101.6	130	1200	8.3	2900	1219	9.4	20	351.27

Price Group: HR

DB09

Complete hose data specification sheets are available upon request.

Rubber Material Handling Muff Coupling Hose (A800)



Application:	Heavy-duty material handling hose, suitable to handle pressure or suction in the transfer of bulk, slurry, cement and abrasive products; especially designed for very severe applications (mines, tunnels, etc), hose can be supplied with muff couplings.
Tube:	NR/SBR
Reinforcement:	4 ply synthetic cord; wire helix
Cover:	Rubber, yellow stripe, smooth cover
Temperature:	-30°C to 70°C
Special Features:	• Ozone resistance, UV stabilised, antistatic copper wire, abrasion value max: 70mm³ • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A800050	51	71	145	1	435	356	3.50	20	78.73
A800080	76	103	145	1	435	533	5.30	20	136.25
A800100	102	128.5	145	1	435	711	7.10	20	168.11
A800125	127	156	145	1	435	889	8.90	20	230.52
A800150	152	182	145	1	435	1067	10.70	20	303.79
A800200	203	234.5	145	1	435	1421	14.20	10	414.56
A800250	254	286	145	1	435	1778	21.00	10	763.45
A800300	305	344.5	145	1	435	2135	30.00	10	1051.83

Price Group: HR

DB39

Muff Couplings



Application:	Designed to be used with Muff Coupling Hose (A800)
Materials :	Available in Aluminium AC601 and Grey Cast Iron
Design:	Flange available in Table D, Table E and ANSI configurations

Size (mm)	Hose OD (mm)	Working Pressure		Total Length (mm)	Aluminium		Cast Iron		
		PSI	MPa		Part No.	Price $	Part No.		Price $
50	69-71	150	1.03	96	MCA050	447.82	MCC051		525.76
75	102-104	150	1.03	112	MCA075	510.82	MCC076	i	592.03
100	125-129	150	1.03	160	MCA100	815.50	MCC101		848.34
125	152-157	150	1.03	174	MCA125	924.04	MCC126	i	986.14
150	180-184	150	1.03	190	MCA150	928.33	MCC150		1211.94
200	234-238	150	1.03	245	MCA200	1396.49	MCC201		1817.80
250	284-290	150	1.03	295	MCA250	2769.26	MCC251	i	2878.12
300	343-349	150	1.03	342	MCA300	3624.75	MCC301	i	3635.61

• For flange technical data refer to pages 643-645.

Price Group: SD

AC07

Complete hose data specification sheets are available upon request.

Rubber Material Handling Dry Bulk Hose (A360)



Application:	Bulk material handling hose, used to convey cement, sand, gravel, silica and other abrasive materials; it is manufactured with anti-static rubber, granting a complete discharge of static electricity.
Tube:	Black, smooth wear resistant anti-static compound. NR / SBR blend
Reinforcement:	High strength synthetic cord
Cover:	Black, smooth (wrapped finish), abrasion and resistant synthetic rubber plus anti-static compound. NR / SBR blend
Temperature:	-40°C to 70°C
Special Features:	• Abrasion resistant, antistatic, ozone resistance • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A360100	102	119	75	0.5	225	1224 [1]	3.3	20	197.41

Price Group: HR

[1] Denotes figure is calculated as theoretical.

DB37

Rubber Hot Air Blower Hose (A340)



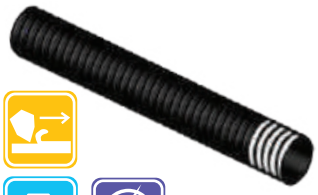
Application:	Designed for conveying hot air with a temperature of up to 180°C from compressors to tanks during the transfer of dry bulk materials: very flexible and kink-resistant.
Tube:	Black, smooth, heat resistant EPR rubber compound
Reinforcement:	High strength synthetic cord, wire helix
Cover:	Black, smooth (wrapped finish), EPDM / SBR blend rubber compound for maximum resistance to weather, ozone and abrasion
Temperature:	-40°C to 180°C
Special Features:	• Ozone resistance • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A340080	76	94	150	1	600	390	2.62	20	242.87

Price Group: HR

DB11

Rubber 180AR Rubber / HD Suction / Delivery Hose



Application:	Heavy duty abrasion resistant suction hose for vacuum trucks handling abrasives such as crushed rock, sand, pea gravel, cement powder,dry fertilisers grains etc
Tube:	Black smooth SBR rubber blend with static carbon black.
Reinforcement:	Rigid PVC helix
Cover:	Black corrugated SBR rubber blend with static carbon black.
Temperature:	0°C to 60°C
Special Features:	• Light weight flexible and extremely abrasion resistant. Static dissipating compoundings requiring no static wire. • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Pressure					Weight kg/mtr	Length mtr	Bend Radius (mm)	Price $ per mtr
			Positive PSI/Bar				Negative				
			Working		Burst		mmHg				
	ID	OD	PSI	Bar	PSI	Bar					
AUS050KARMTR	50	60	40	2.75	80	5.5	757	0.74	30.4	65	81.36
AUS065KARMTR	63	75	35	2.4	70	4.8	757	1.31	30.4	65	110.83
AUS080KARMTR	76	89	35	2.4	70	4.8	757	1.63	30.4	76	111.03
AUS090KARMTR	90	105	30	2.0	60	4.1	757	2.01	30.4	100	211.58
AUS100KARMTR	102	118	30	2.0	60	4.1	757	2.63	30.4	115	166.84
AUS125KARMTR	125	147	30	2.0	60	4.1	711	3.67	30.4	125	322.80
AUS150KARMTR	152	171	30	2.0	60	4.1	686	4.58	30.4	235	380.84
AUS200KARMTR	200	230	30	2.0	60	4.1	686	8.41	15.2	380	793.41

Price Group: HR

Complete hose data specification sheets are available upon request.

DB30

Rubber UHMW Polyethylene Suction & Delivery Chemical Hose (A410)



Application:	Chemical transfer hose, suitable for most of the common chemicals. Suitable for up to 98% alcohol.
Tube:	UHMW Polyethylene
Reinforcement:	High strength synthetic cord plus embedded steel wire helix and anti-static copper wire
Cover:	Blue, smooth (wrapped finish), EPDM rubber specially compounded for higher resistance to weather, ozone and abrasion
Temperature:	-20°C to 100°C
Features:	• Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Vacuum (m.H20)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa						
A410020	19	31	150	1	600	115	9	0.78	20	53.03
A410025	25	37	150	1	600	155	9	0.98	20	60.93
A410032	32	44	150	1	600	205	9	1.10	20	80.69
A410040	38	50	150	1	600	250	9	1.39	20	92.43
A410050	51	64.5	150	1	600	345	9	1.98	20	103.81
A410065	63.5	77.5	150	1	600	450	9	2.48	20	168.27
A410080	76	91	150	1	600	545	9	3.23	20	197.80
A410100	102	120	150	1	600	612	9	5.12	20	256.30

Price Group: HR

DB12

Rubber Premium Food & Wine Suction & Delivery Hose (A625) Crush Proof



Application:	Special food suction and discharge hose, particularly suitable for transferring.
Tube:	IIRButyl Rubber White Non Toxic
Reinforcement:	Synthetic textile fabrics and two PET helix
Cover:	Oil heat abrasion ozone and weather resistant RED EPDM rubber crush resistant cover
Temperature:	-40°C to 120°C
Special Features:	• Crush proof / crush resistant. • Abrasion, anti-static, ozone resistant. • Minimum cut length of 5 mtrs, charges apply for cutting hose. • 60 mtrs can be made to order

Part No.	Dimensions (mm)		Pressure					Weight kg/mtr	Length mtr	Bend Radius (mm)	Vacuum M/h20	Price $ per mtr
			Positive PSI/Bar				Negative					
			Working		Burst		Bar					
	ID	OD	PSI	Bar	PSI	Bar						
A625025	25.4	41	150	10	450	31	0.8	1.03	20, 60	115	9	78.39
A625040	38.0	45	150	10	450	31	0.8	1.42	20, 60	180	9	102.01
A625050	50.8	67	150	10	450	31	0.8	1.78	20, 60	245	9	112.75
A625065	63.5	79	150	10	450	31	0.8	2.15	20, 60	310	9	138.24
A625075	76.2	94	150	10	450	31	0.8	2.84	20, 60	390	9	187.91
A625100	102.0	122.5	150	10	450	31	0.8	4.18	20, 60	555	9	290.92

Price Group: HR

DB36

Complete hose data specification sheets are available upon request.

Rubber Food, Milk & Beverage Suction & Delivery Hose (A621)

Application:	Special food suction and discharge hose, particularly suitable for transferring milk, wine, beer up to 96% alcohol and potable water either in-plant or tank truck service.
Tube:	Blue/White, smooth food quality rubber. In accordance with FDA and 3A sanitary standards. NBR / EPDM blend
Reinforcement:	High strength synthetic cord + helix wire
Cover:	White, smooth (wrapped finish) synthetic rubber, abrasion and ozone resistant. CR - Neoprene
Temperature:	For oily products -40°C to 120°C. For non-oily products -30°C to 100°C
Special Features:	• Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	FDA compliant and conforms to 3A sanitary standard 18-03



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Weight kg/mtr	Length mtr	Bend Radius (mm)	Vacuum M/h20	Price $ per mtr
	ID	OD	PSI	MPa						
A621025	25.0	37.0	150	1	450	0.78	20	75	9	46.71
A621040	38.0	50.0	150	1	450	1.16	20	120	9	60.37
A621050	51.0	64.0	150	1	450	1.84	20	170	9	79.74
A621065	64.0	76.5	150	1	450	2.28	20	250	9	133.28
A621080	76.0	90.0	150	1	450	2.89	20	300	9	151.51
A621100	102.0	1117.0	150	1	450	3.89	20	400	9	187.95

Price Group: HR
DB36

Rubber Food & Beverage Delivery Hose (A605)

Application:	A superior quality hose, mandrel built, suitable for conveying beer, wine, vinegar, soft and alcoholic drinks, potable water and any other foodstuff when a food quality hose is required.
Tube:	White, smooth, food quality synthetic rubber, meets FDA and European Require-ments. NR
Reinforcement:	High strength synthetic cord
Cover:	Red, smooth (wrapped finish) long lasting synthetic rubber, abrasion resistant, EPDM
Temperature:	-35°C to 70°C
Special Features:	• Food grade FDA • Minimum cut length of 5 mtrs, charges apply for cutting hose. • Not recommended for fatty foods



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A605025	25	34	150	1	435	254 [1]	0.54	20	31.52
A605040	38	51	150	1	435	456 [1]	1.30	20	52.53
A605050	51	65	150	1	435	612 [1]	1.71	20	69.34
A605080	76	92	150	1	435	912 [1]	2.45	20	119.77

[1] Denotes figure is calculated as theoretical.

Price Group: HR
DB14

Rubber Food, Milk & Beverage Suction & Delivery Hose (A635)

Application:	Hardwall hose for suction and discharge of milk and foodstuff. The light-weight structure makes it a particularly flexible and easy to handle hose.
Tube:	White, smooth, food quality, 11R Butyl tube
Reinforcement:	High strength synthetic cord with steel wire helix
Cover:	Blue smooth wrapped finish EPDM rubber weathering and abrasion resistant.
Temperature:	-25°C to 80°C
Special Features:	• FDA tit.21, item 177.2600 for aqueous and fatty foods.BfR XX1 cat 2 for foods .D.M.21/03/73 for aqueous foods and alchlols to 72 degrees .EU regulation CE1925/04 and CE 2023/06



Part No.	Dimensions (mm)		Pressure						Weight kg/mtr	Length mtr	Bend Radius (mm)	Price $ per mtr
			Positive PSI/Bar				Negative					
			Working		Burst		mmHg	Bar				
	ID	OD	PSI	Bar	PSI	Bar						
A635020	20	30	90	6	270	18	525	0.7	0.68	20m, 60m	55	80.54
A635025	25	36	90	6	270	18	525	0.7	0.76	20m, 60m	55	82.68
A635040	38	49.5	90	6	270	18	450	0.6	1.28	20m, 60m	85	111.18
A635050	51	62.5	90	6	270	18	450	0.6	1.51	20m, 60m	110	133.14
A635065	63.5	76.5	90	6	270	18	375	0.5	2.30	20m, 60m	140	169.11
A635080	76	89.5	90	6	270	18	375	0.5	2.69	20m, 60m	170	197.57
A635100	102	116	90	6	270	18	300	0.4	3.25	20m, 60m	225	262.53

Price Group: HR
DB36

Complete hose data specification sheets are available upon request.

Rubber Extra High Pressure Hot Water Wash Hose (PW206)



Application:	Used for high pressure hot water cleaning applications.
Tube:	Hot water and detergent solutions resistant, special synthetic rubber.
Reinforcement:	2 wire braids
Cover:	Blue, oil, abrasion and weather resistant non-marking synthetic rubber
Temperature:	-40°C to 150°C
Special Features:	• Weather resistant, ozone resistant. • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
PW206	9.5	18	5800	40	29000	130	0.53	Random	24.24

Price Group: HR

DC04

Rubber Hot Water Washdown (A225)



Application:	Used for cleaning food processing equipment in meat, poultry, confectionery and dairy plants.
Tube:	NBR white
Reinforcement:	4 spiral polyester
Cover:	NBR white
Temperature:	-20ºC to 90ºC
Special Features:	• Oil mist resistant • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A225012	12.5	21.9	300	2	900	75	0.39	2 x 100M	11.85
A225020	19	30.2	300	2	900	114	0.7	2 x 100M	18.94
A225025	25	38.0	300	2	900	150	1.2	2 x 100M	29.35

Price Group: HR

DB29

Complete hose data specification sheets are available upon request.

Rubber Steam Hose Steel Wire Reinforced (A230)

Application:	Mandrel built high pressure wire reinforced steam hose designed for service with saturated steam in heat control, fire prevention etc, in many industries at maximum pressure of 18 ATM (270PSI).
Tube:	Black, smooth, EPDM rubber, specially compounded to withstand saturated steam
Reinforcement:	Plies of steel wire cord
Cover:	Red, smooth (wrapped finish), EPDM rubber with excellent resistance to high temperatures, weathering, abrasion and ageing; it is pin-pricked to prevent separation
Temperature:	-40°C to 210°C, can be used for peaks of steam to 230°C
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose. • For increased service life drain after use



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A230012	13	25	270	1.8	2700	156 [1]	0.5	20,	41.07
A230020	19	33	220	1.5	2611	228 [1]	0.65	20, 120	47.95
A230025	25	40	220	1.5	2611	300 [1]	0.88	20	59.24
A230032	32	48	220	1.5	2611	384 [1]	1.28	20	75.94
A230040	38	54	220	1.5	2611	456 [1]	1.6	20	79.74
A230050	51	69	220	1.5	2611	612 [1]	2.26	20	131.16
A230065	63.5	87.5	220	1.5	2611	762 [1]	3.33	20	182.26
A230080	76	97	220	1.5	2611	912 [1]	4.34	20	258.44
A230100	102	124	220	1.5	2611	1224 [1]	6.5	20	412.26

Price Group: HR

DB35

Rubber Steam Hose Fabric Re-inforced (A235)

Application:	Textile reinforced Mandrel built. Recommended for saturated steam and hot water washdown.
Tube:	Black or white smooth EPDM rubber compound (in accordance with BGVV XX I Category 2)
Reinforcement:	High strength synthetic cord
Cover:	Black or white smooth (wrapped finish), EPDM rubber compound, fatty food and weathering resistant
Temperature:	-30ºC to 160ºC (steam), -35ºC to 95ºC (hot wash)
Features:	• Minimum cut length of 10 mtrs, charges apply for cutting hose.
Standards:	Ozone resistance



Part No.	Dimensions (mm)		Working Pressure		BP Steam PSI	Bend Radius (mm)	WP Hot Water PSI	Weight kg/mtr	Length (mtr)	Price $ per mtr
	ID	OD	Steam PSI	MPa						
White										
A235012	12	24	87	0.6	870	156 [1]	150	0.40	20, 60	27.32
A235020	19	31	87	0.6	870	228 [1]	150	0.58	20, 60	38.82
A235025	25	37	87	0.6	870	300 [1]	150	0.72	20, 60	43.80
Black										
A235012B	12	24	87	0.6	870	156 [1]	150	0.4	20, 60	27.36
A235020B	19	31	87	0.6	870	228 [1]	150	0.58	20, 60	37.83
A235025B	25	37	87	0.6	870	300 [1]	150	0.72	20, 60	43.80
A235032B	32	46	87	0.6	870	384 [1]	150	1.34	20, 60	72.00
A235040B	38	53	87	0.6	870	456 [1]	150	1.54	20, 60	85.16
A235050B	51	67	87	0.6	870	612 [1]	150	2.34	20, 60	127.74

[1] Denotes figure is calculated as theoretical.

Price Group: HR

DB28

Pressurised steam is an extremely dangerous commodity. Only hose, fittings, clamps and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturers product recommendations for pressurised steam handling.

Complete hose data specification sheets are available upon request.

Rubber Single Line Welding Hose (A108)



Application:	Used for use with all types of welding and cutting equipment in workshops, shipyards, construction sites and manufacturing industries.
Tube:	NR / SBR
Reinforcing:	Polyester
Cover:	Red - Acetylene / Blue - Oxy SBR / EPDM
Temperature:	-25°C to 75°C
Special Features:	• Ozone and abrasion resistant cover confirms to AS1335 • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
Red									
A108005R	5	12	217	1.5	870	60 [1]	0.15	2 x 100M Reels	3.22
A108006R	6	13	217	1.5	870	72 [1]	0.17	2 x 100M Reels	3.87
A108010R	10	16	217	1.5	870	120 [1]	0.19	2 x 100M Reels	5.51
Blue									
A108005B	5	12	217	1.5	870	60 [1]	0.15	2 x 100M Reels	3.22
A108006B	6	13	217	1.5	870	72 [1]	0.17	2 x 100M Reels	3.87
A108010B	10	16	217	1.5	870	120 [1]	0.19	2 x 100M Reels	5.51

Price Group: HR
DB21

Rubber Twin Line Welding Hose (A109)

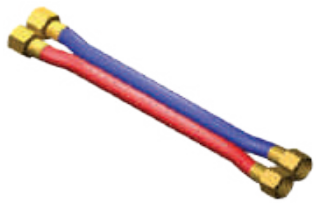


Application:	Used for use with all types of welding and cutting equipment in workshops, shipyards, construction sites and manufacturing industries.
Tube:	NR/SBR
Reinforcing:	Polyester
Cover:	Red - Acetylene / Blue - Oxy SBR / EPDM
Temperature:	-25°C to 75°C
Special Features:	• Oil mist resistant • Ozone and abrasion resistant cover confirms to AS1335 • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A109005	5	12	217	1.5	870	60 [1]	.30	2 x 100M Reels	6.61

Price Group: HR
DB22

Welding Hose Assemblies (A109)



Application:	Crimped twin line welding hose. Oxy acetylene assembly
Tube:	Oil resistant synthetic rubber
Cover:	Smooth red & blue
Temperature Range:	-25°C to 75°C
Standards:	Hose assemblies complies AS1335:1995 Hose fittings complies AS4267:1995
Hose:	A109 twin line welding hose

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A1195CRIMP	5	12	217	1.5	870	60	0.30	5.0	119.94
A11975CRIMP	5	12	217	1.5	870	60	0.30	7.5	136.91
A11910CRIMP	5	12	217	1.5	870	60	0.30	10.0	158.93
A11915CRIMP	5	12	217	1.5	870	60	0.30	15.0	224.17
A11920CRIMP	5	12	217	1.5	870	60	0.30	20.0	237.79

Price Group: HR
DB25

[1] Denotes figure is calculated as theoretical.

Complete hose data specification sheets are available upon request.

Rubber Single LPG Hose (A110)



Application:	For conveying LPG in household and industrial applications. Used for gas cutting application.
Tube:	NBR
Reinforcing:	Polyester
Cover:	PVC / NBR Orange
Temperature:	-20°C to 75°C
Features:	Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	AS/NZS1869 Class C

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per mtr
	ID	OD	PSI	MPa					
A11005	5	13	375	2.6	1500	60 [1]	0.18	2 x 100M Reels	6.18
A11006	6	14	375	2.6	1500	72 [1]	0.20	2 x 100M Reels	8.05
A11010	10	18	375	2.6	1500	120 [1]	0.28	2 x 100M Reels	9.79

Price Group: HR

DB23

Rubber Air Brake Hose (A103)



Application:	Extruded rubber hose for the conveyance of air in truck brake systems. Reinforced with a single spiral polyester yarn.
Tube:	EPDM
Reinforcement:	4 spiral polyester yarn
Cover:	EPDM
Temperature:	-35°C to 75°C
Features:	Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	According to SAE J1402 (Table 1, Type A), Synthetic Oil Resistant Compound

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
A103010	10	19	290	2	870	120 [1]	0.38	152	6.92
A103012	13	22	290	2	870	156 [1]	0.39	152	7.76

Price Group: HR

DB33

[1] Denotes figure is calculated as theoretical.
Complete hose data specification sheets are available upon request.

A

Rubber Straight Radiator Hose (A112)



Application:	Recommended for handling hot water, anti-freeze etc. in cooling systems.
Tube:	NR / EPDM
Reinforcing:	High strength synthetic yarn
Cover:	NR / EPDM
Temperature:	-40°C to 100°C
Standards:	ISO/FDIS 4081:2005(e) Type 1 = -40° to 100°C

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Length (mtr)	Price $ per mtr
	ID	OD	PSI	MPa				
A11219	19	29	72	0.5	217	228 [1]	0.914	24.37
A11222	22	32	72	0.5	217	264 [1]	0.914	26.70
A11225	25	35	72	0.5	217	300 [1]	0.914	27.08
A11229	29	38	72	0.5	217	348 [1]	0.914	28.21
A11232	32	44	72	0.5	217	384 [1]	0.914	33.29
A11235	35	48	72	0.5	217	420 [1]	0.914	36.67
A11238	38	51	72	0.5	217	456 [1]	0.914	37.80
A11241	41	54	72	0.5	217	492 [1]	0.914	41.19
A11244	44	57	72	0.5	217	528 [1]	0.914	42.88
A11248	48	60	72	0.5	217	576 [1]	0.914	45.13
A11251	51	63	72	0.5	217	612 [1]	0.914	47.39
A11254	54	67	72	0.5	217	648 [1]	0.914	51.90
A11257	57	70	72	0.5	217	684 [1]	0.914	55.28
A11260	60	73	72	0.5	217	720 [1]	0.914	57.55
A11263	63	76	72	0.5	217	756 [1]	0.914	59.80
A11267	67	79	72	0.5	217	804 [1]	0.914	65.45
A11270	70	82	72	0.5	217	840 [1]	0.914	68.83
A11273	73	86	72	0.5	217	876 [1]	0.914	72.21
A11276	76	89	72	0.5	217	912 [1]	0.914	76.72

[1] Denotes figure is calculated as theoretical.

Price Group: HR

DB01

Complete hose data specification sheets are available upon request.

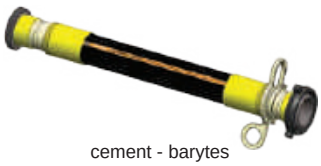
RigBoss™ Series



mud - fuel - base oil

Accidental hose failure due to the combination of non-compatible hose liners and transfer media can be costly. Not only to operations but has the potential for extreme environmental consequences.

The Dixon RigBoss™ Series bulk material transfer system features industry standard identification protocol incorporating colour coded crimp and swage ferrules with the unique Dixon™ colour coded hose lay-lines to minimise the risk of cross contamination of media.



cement - barytes

Each hose in the Dixon RigBoss™ Series is designed to convey one or more compatible transfer media. This reduces the overall number of individual hose assemblies required for normal transfer operations. The compatible transfer media is clearly identified on each hose along with the unique colour coding identification system.

Fully tested and certified Dixon RigBoss™ Series assemblies are available in both hard wall and soft wall designs. The hose construction is built for extreme conditions whilst maintaining maximum flexibility for improved handling.



drill water - brine

End configurations include hammer lug union, fixed and floating flanges, safety break-away and dry disconnect (No-Spill) couplings.

Unique hose fitting and retention systems include both internally expanded and crimp designs incorporating the Dixon™ Hookie Hook hose lifter.

Product "Type Approval" including ABS and DNV available on request.

Hose floats and other accessories are also included in the range.



potable water

Recent industry studies have identified that 21% of spills to the sea were hose related incidents. The most common bulk hose failures are due to abrasion to the outer cover of the hose rubbing on the installation structures, resulting in leakage from the hose string. The wear on the hose is accelerated when the hose radius exceeds the recommended minimum bend radius criteria causing premature failure. Both examples can cause the hose to leak into the sea if not controlled by a robust Hose Management System.
Integra DeckOps Safety Program

"The use of a combination of hard wall and soft wall hose designs with in the hose string can reduce premature failure and improve productivity."
Troy Wheatland "Design Engineer Hose Management" - Dixon™ (Asia Pacific)



Dixon™ offers a wide range of "Hose Management" services to ensure safe, reliable and productive operations:

- Hose string design
- Hose string installation guidelines
- Hose string inspection procedures
- Hose assembly safety survey and recommendations
- Operator training and certification

Complete hose data specification sheets are available upon request.

RigBoss™ Series - Liquid Mud - Diesel Fuel - Base Oil (A420H)



Application:	Rugged but flexible hard wall hose designed for transfer of liquid mud, base oil and diesel fuel. Suitable for fuel oil up to 50% aromatic content. Hose features 5,000kg end pull resistance.
Tube:	Black NBR
Reinforcement	High tensile textile cords with embedded steel wire helix wire (suction) and anti-static wire
Cover:	Black CR; abrasion, ozone and hydrocarbon resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr

Hard Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A420HW050	50	70	300	20	1200	250	2.6	Suction/Delivery	5000	242.48
A420HW080	76	97	300	20	1200	350	3.9	Suction/Delivery	5000	320.12
A420HW100	102	125	300	20	1200	500	5.3	Suction/Delivery	5000	494.54
A420HW125	127	151	300	20	1200	650	7.6	Suction/Delivery	5000	674.27
A420HW150	152	180	300	20	1200	750	10.6	Suction/Delivery	5000	944.40

Price Group: HR

DB46

RigBoss™ Series - Liquid Mud - Diesel Fuel - Base Oil (A420S)



Application:	Rugged but flexible soft wall hose designed for transfer of liquid mud, base oil and diesel fuel. Suitable for fuel oil up to 50% aromatic content. Hose features 5,000kg end pull resistance.
Tube:	Black NBR
Reinforcement	High tensile textile cords with anti-static wire
Cover:	Black CR; abrasion, ozone and hydrocarbon resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr

Soft Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A420SW050	50	68	300	20	1200	400	2.1	Delivery	5000	215.90
A420SW080	76	95	300	20	1200	560	3.0	Delivery	5000	285.02
A420SW100	102	123	300	20	1200	800	2.9	Delivery	5000	455.19
A420SW125	127	149	300	20	1200	1000	5.7	Delivery	5000	690.23
A420SW150	152	178	300	20	1200	1200	6.5	Delivery	5000	895.48

Price Group: HR

DB46

RigBoss™ Series - Liquid Mud - Diesel Fuel - Base Oil (A420FR)



Application:	Rugged but flexible hard wall hose designed for transfer of liquid mud, base oil and diesel fuel. Suitable for fuel oil up to 50% aromatic content. Hose features 5,000kg end pull resistance and fire resistant cover in accordance with ISO 15441.
Tube:	Black NBR
Reinforcement	High tensile textile cords with embedded steel wire helix wire (suction) and anti-static wire
Cover:	Fire Resistant; abrasion, ozone and hydrocarbon resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr

Hard Wall Fire Resistant

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A420HW050FR	50	70	300	20	1200	250	3.5	Suction/Delivery	5000	291.40
A420HW080FR	76	97	300	20	1200	600	5.0	Suction/Delivery	5000	383.93
A420HW100FR	102	125	300	20	1200	1020	7.0	Suction/Delivery	5000	593.44
A420HW125FR	127	156	300	20	1200	1270	9.6	Suction/Delivery	5000	775.31
A420HW150FR	152	188	300	20	1200	2230	14.2	Suction/Delivery	5000	1067.77

Price Group: HR

DB46

Complete hose data specification sheets are available upon request.

RigBoss™ Series - Drill Water - Brine (A220H)

Application:	Rugged but flexible hard wall hose designed for transfer of sea water, grey water and brine. Hose features 5,000kg end pull resistance.
Tube:	Black IR/BR
Reinforcement	High tensile textile cords with embedded steel wire and helix wire.
Cover:	Black CR; abrasion, ozone resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr



Hard Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A220HW050	50	70	300	20	1200	250	2.6	Suction/Delivery	5000	228.66
A220HW080	76	97	300	20	1200	350	4.2	Suction/Delivery	5000	302.04
A220HW100	102	125	300	20	1200	800	5.9	Suction/Delivery	5000	421.15
A220HW125	127	151	300	20	1200	1000	8.3	Suction/Delivery	5000	661.51

Price Group: HR

DB46

RigBoss™ Series - Drill Water - Brine (A220S)

Application:	Rugged but flexible soft wall hose designed for transfer of sea water, grey water and brine. Hose features 5,000kg end pull resistance.
Tube:	Black IR/BR
Reinforcement	High tensile textile cords
Cover:	Black CR; abrasion, ozone resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr



Soft Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A220SW050	50	68	300	20	1200	400	3.0	Delivery	5000	182.92
A220SW080	76	92	300	20	1200	560	3.6	Delivery	5000	239.30
A220SW100	102	122	300	20	1200	800	5.2	Delivery	5000	371.17
A220SW125	127	151	300	20	1200	1000	7.3	Delivery	5000	606.20

Price Group: HR

DB46

RigBoss™ Series - Drill Water - Brine (A220FR)

Application:	Rugged but flexible hard wall hose designed for transfer of sea water, grey water and brine. Hose features 5,000kg end pull resistance and fire resistant cover in accordance with ISO 15441.
Tube:	Black IR/BR
Reinforcement	High tensile textile cords with embedded steel wire and helix wire.
Cover:	Black CR; abrasion, ozone resistant
Temperature:	-20°C to 100°C
Lengths:	20 mtr, 40 mtr and 61 mtr



Hard Wall Fire Resistant

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A220HW050FR	50	74	300	20	1200	250	3.6	Suction/Delivery	5000	280.13
A220HW080FR	76	101	300	20	1200	350	4.2	Suction/Delivery	5000	369.49
A220HW100FR	102	128	300	20	1200	800	6.9	Suction/Delivery	5000	517.28
A220HW125FR	127	156	300	20	1200	1000	8.3	Suction/Delivery	5000	835.58

Price Group: HR

DB46

Complete hose data specification sheets are available upon request.

RigBoss™ Series - Dry Cement - Baryte (A820H)



Application:	Rugged but flexible hard wall hose featuring high abrasive resistant tube designed for transfer of dry cement and barytes. Hose features 5,000kg end pull resistance.
Tube:	Black SBR/NR blend, abrasion, ozone resistant, static conductive
Reinforcement	High tensile textile cords with embedded steel wire and helix wire.
Cover:	Black CR; abrasion, ozone resistant, static conductive
Temperature:	-20°C to 80°C
Lengths:	20 mtr, 40 mtr and 61 mtr

Hard Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A820HW100	102	126	300	20	1200	500	6.2	Suction/Delivery	5000	376.49
A820HW125	127	153	300	20	1200	625	8.5	Suction/Delivery	5000	473.26

Price Group: HR

RigBoss™ Series - Dry Cement - Barite (A820S)

DB46



Application:	Rugged but flexible soft wall hose featuring high abrasive resistant tube designed for transfer of dry cement and barytes. Hose features 5,000kg end pull resistance.
Tube:	Black SBR/NR blend, abrasion, ozone resistant, static conductive
Reinforcement	High tensile textile cords
Cover:	Black CR; abrasion, ozone resistant, static conductive
Temperature:	-20°C to 80°C
Lengths:	20 mtr, 40 mtr and 61 mtr

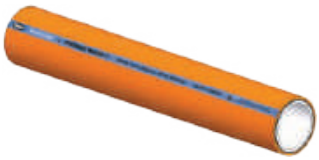
Soft Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A820SW100	102	126	300	20	1200	800	4.8	Delivery	5000	318.00
A820SW125	127	153	300	20	1200	1000	3.5	Delivery	5000	424.35

Price Group: HR

RigBoss™ Series - Potable Water (A620H)

DB46



Application:	Rugged but flexible hard wall hose designed for transfer of potable water. Hose features 5,000kg end pull resistance.
Tube:	White NR
Reinforcement	High tensile textile cords with embedded steel wire and helix wire
Cover:	Orange CR - abrasion and ozone
Temperature:	-40°C to 80°C
Lengths:	20 mtr, 40 mtr and 61 mtr

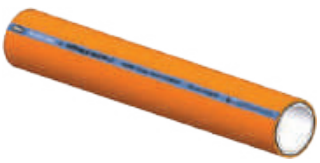
Hard Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A620HW050	50	70	300	20	1200	250	3.2	Suction/Delivery	5000	219.08
A620HW080	76	97	300	20	1200	350	4.0	Suction/Delivery	5000	288.22
A620HW100	102	125	300	20	1200	500	5.8	Suction/Delivery	5000	500.92
A620HW125	127	152	300	20	1200	1200	8.4	Suction/Delivery	5000	706.18

Price Group: HR

RigBoss™ Series - Potable Water (A620S)

DB46



Application:	Rugged but flexible hard wall hose designed for transfer of potable water. Hose features 5,000kg end pull resistance.
Tube:	White NR
Reinforcement	High tensile textile cords
Cover:	Orange CR - abrasion and ozone
Temperature:	-40°C to 80°C
Lengths:	20 mtr, 40 mtr and 61 mtr

Soft Wall

Part No.	Dimensions (mm)		Working Pressure PSI	Bar	BP PSI	Bend Radius (mm)	Weight kg/mtr	Application	End Pull Resistance kg	Price $ per m
	ID	OD								
A620SW100	50	68	300	20	1200	400	3.0	Delivery	5000	407.33
A620SW125	76	97	300	20	1200	560	3.7	Delivery	5000	632.80
A620SW125	102	125	300	20	1200	800	5.2	Delivery	5000	632.80
A620SW125	127	152	300	20	1200	1000	7.7	Delivery	5000	632.80

Price Group: HR

Complete hose data specification sheets are available upon request.

DB46

PVC Safety Yellow Air Water Delivery (H010)

Application:	General purpose air water delivery with excellent flexibility and toughness. Resistant to oils.
Tube:	Black smooth PVC
Reinforcing:	High tensile synthetic yarns
Cover:	Yellow ribbed PVC
Temperature Range:	0˚C to 60˚C
Special Features:	• UV stabilised
Standards:	Conforms to and exceeds AS2554 Class A



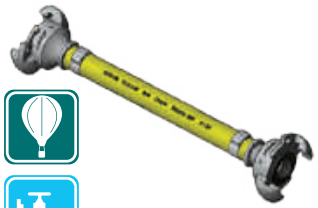
Part No.	Dimensions (mm)		Pressure				Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
			Positive PSI/Bar							
			Working		Burst					
	ID	OD	PSI	Bar	PSI	Bar				
H01006100	6	11.4	300	20	1200	80	60	0.10	100	231.14
H0100820	8	14.4	300	20	1200	80	80	0.15	20	54.22
H01008100	8	14.4	300	20	1200	80	80	0.15	100	270.95
H0101020	10	16.4	300	20	1200	80	100	0.18	20	59.69
H01010100	10	16.4	300	20	1200	80	100	0.18	100	297.50
H0101220	12.5	18.9	300	20	1200	80	125	0.22	20	71.76
H01012100	12.5	18.9	300	20	1200	80	125	0.22	100	358.82
H0102020	20	27.8	300	20	1200	80	200	0.40	20	124.16
H01020100	20	27.8	300	20	1200	80	200	0.40	100	620.82
H0102520	25	35	300	20	1200	80	250	0.61	20	201.39
H01025100	25	35	300	20	1200	80	250	0.61	100	1013.83
H0103220	32	44	300	20	1200	80	320	0.87	20	353.13
H0103260	32	44	300	20	1200	80	320	0.87	60	1059.73
H0104020	40	51	300	20	1200	80	400	0.97	20	473.88
H0104060	40	51	300	20	1200	80	400	0.97	60	1751.83
H0105020	50	63.5	300	20	1200	80	500	1.52	20	774.61

Price Group: HP

DA28

PVC Safety Yellow Air Water Delivery Assembly (H010)

Application:	General purpose air water delivery with excellent flexibility and toughness. Resistant to oils.
Tube:	Black smooth PVC
Reinforcing:	High tensile synthetic yarns
Cover:	Yellow ribbed PVC
Temperature Range:	0˚C to 60˚C
Special Features:	• UV stabilised
Standards:	Conforms to and exceeds AS2554 Class A



Part No.	Dimensions (mm)		Pressure				Bend Radius	Weight kg/mtr	Length (mtr)	Price $
			Positive PSI/Bar							
			Working		Burst					
	ID	OD	PSI	Bar	PSI	Bar				
H0101220F	12.5	18.9	300	20	1200	80	125	0.22	20	132.89
H0102020F	20	27.8	300	20	1200	80	200	0.40	20	174.55
H0102520F	25	35	300	20	1200	80	250	0.65	20	202.76

Complete hose data specification sheets are available upon request.

PVC Superflex Yellow / Blue



Application:	General purpose air & water supply with superior flexibility & toughness. Resistant to oil.
Tube:	PVC (Poly Vinyl Chloride)
Reinforcing:	High strength polyester braid
Cover:	PVC (Poly Vinyl Chloride)
Temperature:	0˚C to 60˚C
Special Features:	UV stabilised
Standards:	¼" to 1½" - Exceeds AS/NZS 2554:1998 Class B for burst pressure 2" - Exceeds AS/NZS 2554:1998 Class C for burst pressure
Design:	Designed for air, water
Construction:	Yellow ribbed cover with blue smooth stripe, black tube

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per coil
	ID	OD	PSI	MPa					
H21006020	6.0	11.4	350	2.4	1450	72	0.115	20	45.56
H21006100	6.0	11.4	350	2.4	1450	72	0.115	100	227.82
H21008020	8.0	14.6	350	2.4	1450	96	0.155	20	57.87
H21008100	8.0	14.6	350	2.4	1450	96	0.155	100	289.34
H21010020	10.0	16.4	350	2.4	1450	120	0.180	20	63.79
H21010100	10.0	16.4	350	2.4	1450	120	0.180	100	318.96
H21012020	12.5	18.9	350	2.4	1450	150	0.215	20	79.74
H21012100	12.5	18.9	350	2.4	1450	150	0.215	100	398.69
H21020020	20.0	29.0	350	2.4	1450	240	0.470	20	141.25
H21020100	20.0	29.0	350	2.4	1450	240	0.470	100	706.26
H21025020	25.0	35.0	350	2.4	1450	300	0.645	20	216.43
H21025100	25.0	35.0	350	2.4	1450	300	0.645	100	1082.17
H21032020	32.0	43.0	350	2.4	1450	384	0.880	20	358.83
H21040020	40.0	50.4	300	2.0	1230	480	1.115	20	501.22
H21050020	50.0	63.5	250	1.7	1000	600	1.600	20	797.39

Price Group: HP

DA28

Superflex Yellow / Blue Hose Assembly



Application:	General purpose air & water supply with superior flexibility & toughness. Resistant to oil. UV stabilised.
Tube:	PVC (Poly Vinyl Chloride)
Reinforcing:	High strength polyester braid
Cover:	PVC (Poly Vinyl Chloride)
Temperature:	0˚C to 60˚C
Standards:	¼" to 1½" - Exceeds AS/NZS 2554:1998 Class B for burst pressure 2" - Exceeds AS/NZS 2554:1998 Class C for burst pressure
Construction:	Yellow ribbed cover with blue smooth stripe, black tube

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per coil
	ID	OD	PSI	MPa					
H21012020F	12.5	18.9	300	2.1	1200	150	0.215	20	103.32
H21025020F	25.0	35.0	300	2.1	1200	300	0.645	20	238.11
H21040020F	40.0	50.4	225	1.6	900	480	1.082	20	687.22

Price Group: HP

DA28

Complete hose data specification sheets are available upon request.

PVC Blue Air Tool Hose

Application:	Air, water and mild agricultural chemicals and fluid transfer where low temperature flexibility is required. Good oil mist resistance for portable compressor airlines. UV stabilised
Tube:	Black PVC
Reinforcing:	High tensile synthetic
Cover:	Blue smooth PVC
Temperature Range:	-10°C to 60°C
Special Features:	UV stabilised
Standards:	Exceeds AS2554:1998



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Coil Lengths	Price $ per coil
	ID	OD	PSI	MPa					
H0300620	6	12	230	1.6	920	40	0.11	20	45.56
H03006100	6	12	230	1.6	920	40	0.11	100	227.82
H0300820	8	13.8	230	1.6	920	60	0.12	20	55.58
H03008100	8	13.8	230	1.6	920	60	0.12	100	277.95
H0301020	10	17	230	1.6	920	80	0.14	20	54.68
H0301030	10	17	230	1.6	920	80	0.14	30	82.02
H03010100	10	17	230	1.6	920	80	0.14	100	273.40
H03010300	10	17	230	1.6	920	80	0.14	300	820.18
H0301220	12.5	19	230	1.6	920	100	0.16	20	84.29
H03012100	12.5	19	230	1.6	920	100	0.16	100	421.48
H03012200	12.5	19	230	1.6	920	100	0.16	200	842.96

Price Group: HP

DA30

Dixon™ Blue Air Tool Hose Assembly

Application:	Air, water and mild agricultural chemicals and fluid transfer where low temperature flexibility is required. Good oil mist resistance for portable compressor airlines. UV stabilised
Tube:	White PVC
Reinforcing:	Polyester
Cover:	Blue smooth PVC
Temperature Range:	-10°C to 60°C
Special Features:	• Assembled with Dixon™ One Touch Lockable Fittings • Standard hose assemblies supplied with Nitto compatible couplings. Other interchangeable coupling options such as CEJN and Ryco available upon request.
Standards:	Exceeds AS2554:1998 Class B



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per coil
	ID	OD	PSI	MPa					
H0301010F	10	17	250	1.9	1160	80	0.18	10	82.02
H0301020F	10	17	250	1.9	1160	80	0.18	20	117.33
H0301030F	10	17	250	1.9	1160	80	0.18	30	142.39

Price Group: HP

DA30

Complete hose data specification sheets are available upon request.

A

PVC TPR / Food Grade (H020)



Application:	A non-toxic multipurpose hose for the transfer of air water petroleum products including food and beverage.
Tube:	Glass clear smooth PVC blue tint
Reinforcing:	Polyester with spiral red/gold tracer
Cover:	Glass clear smooth PVC with blue tint
Temperature Range:	-10°C to 60°C
Special Feature:	Non-Toxic
Standards:	Conforms to AS/NZ 2554 1998 Class B, and AS NZS 2070 1999 meets EEC Directive 90/128 for articules intended for contact with food.

Part No.	Dimensions (mm)		Pressure						Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
			Positive PSI/Bar				Negative					
			Working		Burst		mmHg	Bar				
	ID	OD	PSI	Bar	PSI	Bar						
H0200620	6	12	250	17	1000	68			60	0.11	20	45.56
H02006100	6	12	250	17	1000	68			60	0.11	100	227.82
H0200820	8	14	250	17	1000	68			80	0.13	20	53.54
H02008100	8	14	250	17	1000	68			80	0.13	100	267.70
H0201020	10	16	250	17	1000	68			100	0.16	20	61.50
H02010100	10	16	250	17	1000	68			100	0.16	100	307.56
H0201220	12.5	19	250	17	1000	68			125	0.21	20	79.73
H02012100	12.5	19	250	17	1000	68			125	0.21	100	398.69
H0201620	16	24	250	17	1000	68			190	0.32	20	136.69
H02016100	16	24	250	17	1000	68			190	0.32	100	683.47
H0202020	20	28	250	17	1000	68			200	0.38	20	148.08
H02020100	20	28	250	17	1000	68			200	0.38	100	740.43
H0202520	25	35	250	17	1000	68			250	0.59	20	222.12
H02025100	25	35	250	17	1000	68			250	0.59	100	1110.65
H0203220	32	42	150	10	600	40			320	0.73	20	336.04
H02032100	32	42	150	10	600	40			320	0.73	100	1735.42
H0204020	40	51	150	10	600	40			400	0.98	20	432.86
H0205020	50	63	150	10	600	40			500	1.43	20	865.73

Price Group: HP

DA01

Complete hose data specification sheets are available upon request.

PVC All Rounder (Chemical, Air & Water)

Application:	Multi purpose UV stabilised hose for agricultural spraying and general purpose air and water
Tube:	Yellow PVC
Reinforcing:	Polyester
Cover:	Blue smooth PVC with yellow stripe
Temperature Range:	-10˚C to 60˚C
Special Feature:	UV stabilised



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr / coil
	ID	OD	PSI	MPa					
H1400620	6	11.6	450	3.1	1350	72 [1]	0.13	20	48.66
H14006100	6	11.6	450	3.1	1350	72 [1]	0.13	100	243.31
H1400820	8	14.3	450	3.1	1350	96 [1]	0.15	20	66.07
H14008100	8	14.3	450	3.1	1350	96 [1]	0.15	100	330.35
H1401020	10	16.9	450	3.1	1350	120 [1]	0.17	20	71.77
H14010100	10	16.9	450	3.1	1350	120 [1]	0.17	100	358.83
H1401220	12	19.5	450	3.1	1350	144 [1]	0.20	20	91.14
H14012100	12	19.5	450	3.1	1350	144 [1]	0.20	100	455.66
H1402020	20	29	450	3.1	1350	240 [1]	0.43	20	170.87
H14020100	20	29	450	3.1	1350	240 [1]	0.43	100	854.35
H1402520	25	34	450	3.1	1350	300 [1]	0.56	20	252.89

Price Group: HP

DA27

PVC Divers / Air Breathers

Application:	Approved divers air breathing hose for professional and sports diving breathing apparatus eg breathing masks, aquaculture.
Tube:	White PVC
Reinforcing:	Polyester
Cover:	Yellow tint, clear smooth PVC
Temperature Range:	0˚C to 60˚C
Special Feature:	UV stabilised
Standards:	Conforms to AS/NZS 2299.1:1999 and AS/NZ1716 and applicable FDA standards



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per coil
	ID	OD	PSI	MPa					
H1000820	8	15	350	2.4	1400	96 [1]	0.15	20	118.91
H10008100	8	15	350	2.4	1400	96 [1]	0.15	100	594.56
H1001020	10	17.5	350	2.4	1400	120 [1]	0.18	20	146.78
H10010100	10	17.5	350	2.4	1400	120 [1]	0.18	100	733.91

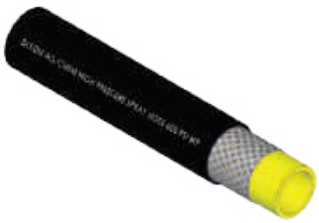
Price Group: HP

DA08

[1] Denotes figure is calculated as theoretical.

Complete hose data specification sheets are available upon request.

PVC Agricultural Spray - High Pressure



Application:	Air, water and petroleum based products and agricultural chemical spraying. Designed for high pressure weedicide and pesticide applications. UV stabilised
Tube:	Yellow PVC
Reinforcing:	Polyester
Cover:	Black smooth PVC
Temperature Range:	-10˚C to 60˚C
Special Features:	• UV stabilised • Minimum cut length of 20 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr / coil
	ID	OD	PSI	MPa					
H0400820	8.5	15	600	4.1	2400	85	0.18	20	84.05
H04008100	8.5	15	600	4.1	2400	85	0.18	100	420.26
H0401020	10	16	600	4.1	2400	100	0.19	20	99.54
H04010100	10	16	600	4.1	2400	100	0.19	100	497.68
H0401220	12.5	21	600	4.1	2400	125	0.38	20	150.41
H04012100	12.5	21	600	4.1	2400	125	0.38	100	752.04
H0402020	20	30	600	4.1	2400	200	0.67	20	254.37
H04020100	20	30	600	4.1	2400	200	0.67	100	1271.84
H0402520	25	36	500	3.4	1600	250	0.86	20	364.96
H04025100	25	36	500	3.4	1600	250	0.86	100	1824.82

Price Group: HP

DA29

PVC Marine Park Dairy - White Washdown (H060)



Application:	Premium grade cold water dairy marine parks and gardens washdown/general purpose water delivery.Good flexability and abrasion resistance.
Reinforcing:	Polyester
Cover:	White smooth PVC
Temperature Range:	-5˚C to 60˚C
Lining:	Blue PVC

Part No.	Dimensions (mm)		Pressure						Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
			Positive PSI/Bar				Negative					
			Working		Burst							
	ID	OD	PSI	Bar	PSI	Bar	mmHg	Bar				
H0601220	12.5	19	150	10	600	40			150	0.22	20	86.57
H06012100	12.5	19	150	10	600	40			150	0.22	100	432.86
H0602020	20	28	150	10	600	40			240	0.41	20	139.87
H06020100	20	28	150	10	600	40			240	0.41	100	699.42
H0602520	25	34	150	10	600	40			300	0.56	20	177.70
H06025100	25	34	150	10	600	40			300	0.56	100	888.52
H0603220	32	43	150	10	600	40			380	0.90	20	307.56
H06032100	32	43	150	10	600	40			380	0.90	100	1537.82
H0604020	40	50.5	150	10	600	40			480	1.00	20	501.21

Price Group: HP

DA05

Complete hose data specification sheets are available upon request.

PVC FRAS Hose

Application:	High technology anti-static air and water supply hose designed for the mining industry. Features a conductive outer strip connected to its conductive inner wall
Tube:	Black PVC
Reinforcing:	Polyester
Cover:	Yellow/black ribbed PVC
Temperature Range:	-5°C to 60°C
Special Features:	Antistatic, fire resistant
Standards:	Conforms to AS2660:1991 Class A and AS2554:1998 Class A



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per coil
	ID	OD	PSI	MPa					
H1201020	10	17	300	2.1	1200	100 [1]	0.22	20	223.48
H12010100	10	17	300	2.1	1200	100 [1]	0.22	100	1117.43
H1201220	12.5	22	300	2.1	1200	127 [1]	0.36	20	256.31
H1201230	12.5	22	300	2.1	1200	127	0.36	30	384.21
H12012100	12.5	22	300	2.1	1200	127 [1]	0.36	100	1281.53
H1202020	20	30	300	2.1	1200	200 [1]	0.57	20	385.51
H12020100	20	30	300	2.1	1200	200 [1]	0.57	100	1927.57
H1202520	25	34	300	2.1	1200	254 [1]	0.59	20	347.16
H1202530	25	34	300	2.1	1200	254	0.59	30	520.75
H12025100	25	34	300	2.1	1200	254 [1]	0.59	100	1735.82
H12025200	25	34	300	2.1	1200	254	0.59	200	3471.65
H1204020	40	50	300	2.1	1200	400 [1]	1.00	20	797.40
H12040100	40	50	300	2.1	1200	400 [1]	1.00	100	3986.97
H12040200	40	50	300	2.1	1200	400	1.00	200	7973.94
H1205020	50	63	260	1.7	1040	500 [1]	1.6	20	1264.44
H12050100	50	63	260	1.7	1040	500	1.6	100	6322.19
High Pressure									
H12025HP20	25	34	500	3.4	2000	254 [1]	0.59	20	432.87
H12025HP100	25	34	500	3.4	2000	254 [1]	0.59	100	2164.35

Price Group: HP

DA10

PVC FRAS Hose Assembly

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr
	ID	OD	PSI	MPa					
BLACK / YELLOW									
Minsup™ A Type with Claw Clamps									
H1201220FA	12.5	22	300	2.1	1200	127 [1]	0.36	20	348.42
H1201230FA	12.5	22	300	2.1	1200	127	0.36	30	484.25
H1202520FA	25	34	300	2.1	1200	254 [1]	0.59	20	460.63
H1202530FA	25	34	300	2.1	1200	254	0.59	30	661.43
H12025HP20F	25	34	500	3.4	2000	254 [1]	0.59	20	531.18
Minsup™ Surelock™ with Claw Clamps									
H12025HP20FSL	25	34	500	3.4	2000	254 [1]	0.59	20	415.09
H1205020F	50	63	260	1.7	1040	254 [1]	0.59	20	1529.40



Black / Yellow Minsup™ Surelock™ assembly with claw clamps



Black / Yellow Minsup™ A Type assembly with claw clamps

Price Group: HP

DA10

[1] Denotes figure is calculated as theoretical.

Complete hose data specification sheets are available upon request.

PVC Anfo Tube - Minsup™



For Anfo Loaders refer to page 552

Application:	Semi Conductive transfer tube in pneumatic charging devices for explosive use. Minimum resistance of 0.015 MegaOhms / mtr. Maximum resistance of 2.0 MegaOhms / coil.
Tube:	PE (high density polyethylene) or PVC
Reinforcing:	Non-reinforced
Cover:	PE (high density polyethylene) or PVC
Temperature Range:	Semi Rigid: -20°C to 60°C - PVC Rigid: -20°C to 80°C - PE
Special Feature:	Semi-conductive
Standards:	Manufactured to AS2187.2-1993 (tested as per BS2050)

Part No.	Material	Dimensions (mm)		Working Pressure		Weight kg/mtr	Length (mtr)	Price $ per mtr
		ID	OD	PSI	MPa			
05/100/01/124	Semi-Conductive, Semi-Rigid PVC	19.0	27.0	100	0.7	0.36	30	31.13
05/100/01/455	Semi-Conductive, Rigid PE	25.4	30.0	150	1.0	0.22	60	26.61

Sold in full coil lengths only

Price Group: SD

AG05

We recommend that the user of this product be fully aware of the hazards as listed in section 4 of AS2187.2 before using this product in explosive applications.

PVC Fire Reel Hose



Application:	Hose is flexible, resistant to UV and has self extinguishing properties. Hose reels in fire control applications
Tube:	Black PVC
Reinforcing:	Polyester
Cover:	Black ribbed PVC
Temperature Range:	-5°C to 60°C
Special Feature:	Fire resistant
Standards:	Conforms to AS1221:1997

Fire Reel Hose

Part No.	Dimensions (mm)		WP		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $
	ID	OD	PSI	MPa					
H0802020	19	26	150	1	600	228	0.37	20	122.32
H0802036	19	26	150	1	600	228	0.37	36	220.18
H08020100	19	26	150	1	600	228	0.37	100	611.06
H0802520	25	33	150	1	600	300	0.55	20	195.71
H0802536	25	33	150	1	600	300	0.55	36	352.28
H08025100	25	33	150	1	600	300	0.55	100	978.57

Price Group: HP

DA06

Call us on 1300 134 651 to receive your complimentary copy of our Fire Protection catalogue.



Complete hose data specification sheets are available upon request.

PVC Clear Vinyl Tube (CVT)



Application:	Low pressure air, water, food, beverage and medical drainage
Tube:	Clear smooth tubing, blue tint
Temperature Range:	-10°C to 60°C
Special Features:	Non-toxic; food grade
Standards:	Complies with AS2070:1999 for food contact

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa				
H1600330C	3	5	114	0.8	342	0.02	30	17.08
H16003200R	3	5	114	0.8	342	0.02	200	108.49
H1600530C	5	8	102	0.7	305	0.03	30	31.74
H16005100S	5	8	102	0.7	305	0.03	100	98.73
H1600630C	6	9	89	0.6	267	0.04	30	35.40
H16006100S	6	9	89	0.6	267	0.04	100	117.99
H1600830C	8	11	73	0.5	219	0.05	30	39.87
H16008100S	8	11	73	0.5	219	0.05	100	142.39
H1601030C	10	13	60	0.4	180	0.07	30	48.98
H1601075R	10	13	60	0.4	180	0.07	75	122.46
H1601230C	12.5	16.5	60	0.4	180	0.12	30	75.20
H1601250S	12.5	16.5	60	0.4	180	0.12	50	124.98
H1601630C	16	20	60	0.4	180	0.14	30	102.52
H1602030C	20	24	50	0.3	150	0.16	30	119.61
H1602530C	25	31	44	0.3	132	0.32	30	214.16
H1603230C	32	38	29	0.2	87	0.4	30	301.88
H1604015C	40	46	29	0.2	87	0.56	15	233.53
H1605015C	50	60	29	0.2	87	1	15	330.35

C = Coil, R = Reel, S = Spool

Price Group: HP

DA20

PVC Drum Pump



Application:	Petrol and oil dispensing hose featuring high flexibility at low temperatures. Dispensing from overhead tanks and drums. UV stabilised
Tube:	Black PVC
Reinforcing:	Polyester
Cover:	Black ribbed PVC
Temperature Range:	-5°C to 60°C
Special Feature:	UV stabilised

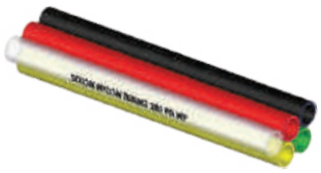
Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length mtr	Price $ per mtr / coil
	ID	OD	PSI	MPa					
H1102520	25	34	150	0.96	600	155	0.35	20	249.39
H1103220	32	42	150	0.96	600	320	0.90	20	348.38

Price Group: HP

DA09

Complete hose data specification sheets are available upon request.

PVC Flexible Nylon 12 Tubing



Application:	Automotive fuel lines, lubrication lines, vacuum lines, air lines.
Tube:	PA (nylon)
Cover:	PA (nylon)
Temperature Range:	-40°C to 90°C
Standards:	Material PA12 Shore 65D as per DIN 74324
Options:	Other colours available on request

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight gms/mtr	Coil Length (mtr)	Price $ per mtr
	ID	OD	PSI	MPa					
Metric Black									
NYM004100	2.7	4.0	290	2.0	1160	20	7.06	100	142.51
NYM005100	3.3	5.0	290	2.0	1160	25	11.43	100	180.80
NYM006100	4.0	6.0	290	2.0	1160	30	16.20	100	262.68
NYM008100	5.2	8.0	290	2.0	1160	40	29.94	100	416.52
NYM010100	6.6	10.0	290	2.0	1160	50	45.72	100	485.76
NYM012100	8.0	12.0	290	2.0	1160	60	64.80	100	711.33
Metric Natural									
NYM004N100	2.7	4.0	290	2.0	1160	20	7.06	100	142.51
NYM005N100	3.3	5.0	290	2.0	1160	25	11.43	100	180.80
NYM006N100	4.0	6.0	290	2.0	1160	30	16.20	100	262.68
NYM008N100	5.2	8.0	290	2.0	1160	40	29.94	100	416.52
NYM010N100	6.6	10.0	290	2.0	1160	50	45.72	100	485.76
NYM012N100	8.0	12.0	290	2.0	1160	60	64.80	100	711.33

Part No.	Dimensions		Working Pressure		BP PSI	Bend Radius (mm)	Weight gms/mtr	Coil Length (mtr)	Price $ per mtr
	ID (mm)	OD (inch)	PSI	MPa					
Imperial Black									
NYI003100	2.2	⅛	250	1.7	1000	20	4.18	100	107.41
NYI005100	3.2	3/16	250	1.7	1000	25	10.37	100	196.75
NYI006100	4.3	¼	250	1.7	1000	30	17.61	100	235.03
NYI008100	5.5	5/16	250	1.7	1000	40	27.34	100	311.55
NYI010100	6.5	⅜	250	1.7	1000	50	38.88	100	476.46
NYI012100	8.8	½	250	1.7	1000	60	67.92	100	657.25
Imperial Natural									
NYI003N100	2.2	⅛	250	1.7	1000	20	4.18	100	107.41
NYI005N100	3.2	3/16	250	1.7	1000	25	10.37	100	196.75
NYI006N100	4.3	¼	250	1.7	1000	30	17.61	100	235.03
NYI008N100	5.5	5/16	250	1.7	1000	40	27.34	100	311.55
NYI010N100	6.5	⅜	250	1.7	1000	50	38.88	100	476.46
NYI012N100	8.8	½	250	1.7	1000	60	67.92	100	657.25
NYI016N100	12.5	⅝	250	1.7	1000	90	78.21	100	1150.73
NYI020N100	15.0	¾	250	1.7	1000	120	110.16	100	1369.81

Price Group: HP

DA02

PVC Semi-Rigid Nylon 12 Tubing Imperial



Application:	Automotive fuel lines, lubrication lines, vacuum lines, air lines.
Tube:	PA (nylon)
Cover:	PA (nylon)
Temperature Range:	-40°C to 90°C
Standards:	Material PA12 Shore 74D as per DIN 73378/74324

Part No.	Dimensions		Working Pressure		BP PSI	Bend Radius (mm)	Weight gms/ mtr	Coil Length (mtr)	Price $ per mtr
	ID (mm)	OD (inch)	PSI	MPa					
NYS003100	2.0	⅛	620	4.3	2500	20	4.18	100	144.05
NYS005100	2.8	3/16	620	4.3	2500	25	10.37	100	180.80
NYS006100	3.8	¼	620	4.3	2500	30	17.61	100	196.54
NYS008100	4.7	5/16	620	4.3	2500	40	27.34	100	414.77
NYS010100	5.7	⅜	620	4.3	2500	50	38.88	100	563.66
NYS012100	7.7	½	620	4.3	2500	60	67.92	100	920.15

Sold in 100 mtr lengths only.

Price Group: HP

DA02

Complete hose data specification sheets are available upon request.

Nylon Self Store Hose Assembly

Application:	For use with pneumatic tools and equipment in workshops and manufacturing industries, fitted with BSP male ends c/w spring guards.
Tube:	PA (Nylon)
Cover:	Yellow, smooth nylon
Temperature Range:	-40°C to 90°C
Assembly WP:	175 PSI



Part No.	Dimensions (mm)		Working Pressure		Minimum BP PSI	Price $
	ID	Coil ID	PSI	MPa		
SSTORE06	6	75	175	1.2	700	146.92
SSTORE10	10	115	175	1.2	700	204.96
SSTORE12	12	150	175	1.2	700	304.76

Price Group: HP

DA32

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Heavy Duty Premium Grey PVC Suction Hose

Application:	Suction and Delivery of water, mud, slurries, some chemicals, grains, sand and gravel. Used in Agricultural and Industrial applications on tank trucks, ship, silos and general manufacturing.
Tube:	Grey PVC
Reinforcing:	White rigid PVC helix
Temperature Range:	-5°C to 60°C
Special Features:	• UV stabilised, abrasion resistant • Minimum cut length of 5 mtrs, charges apply for cutting hose.



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
AUS025G020	25.5	33.0	165	1.1	495	10	75	0.43	20	237.51
AUS032G020	32.2	39.6	150	1.0	450	10	110	0.54	20	272.73
AUS038G020	38.5	47.0	135	0.9	405	10	160	0.65	20	309.66
AUS050G020	51.1	60.1	102	0.7	306	10	225	0.95	20	453.44
AUS065G020	64.4	74.4	102	0.7	306	10	330	1.30	20	663.57
AUS076G020	76.2	87.2	97	0.7	291	10	370	1.76	20	774.16
AUS100G020	102.2	115.0	73	0.5	219	9	630	3.30	20	1305.03
AUS125G020	127.0	141.0	58	0.4	174	9	880	4.20	20	1880.12
AUS150G020	152.0	170.0	44	0.3	132	8	1100	6.20	20	2477.33

Price Group: HP

DA13

Complete hose data specification sheets are available upon request.

A

PVC Blue Medium Heavy Duty Petrol & Oil Suction Hose





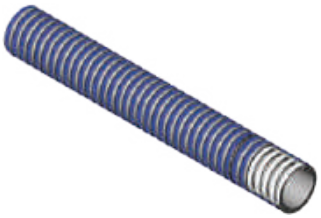
Application:	Heavy duty oil resistant compound for the suction and delivery of oils, oil slurry, fuels, diesel fuel and light chemicals. Hose is also abrasion and weather resistant.
Tube:	Blue NBR/PVC
Reinforcing:	Light blue rigid PVC helix
Temperature Range:	-5°C to 60°C
Special Features:	• UV stabilised, abrasion resistant, high impact resistant • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
AUS025BHD020	25.5	34	130	0.80	390	10	60	0.54	20	289.12
AUS032BHD020	32.2	42	120	0.80	360	10	95	0.63	20	344.72
AUS040BHD020	38.5	47	105	0.70	309	10	120	0.71	20	398.69
AUS050BHD020	51.1	61	95	0.65	285	10	180	1.08	20	580.95
AUS065BHD020	64.4	74	95	0.65	285	10	280	1.48	20	797.38
AUS076BHD020	76.2	87	85	0.60	255	10	340	1.80	20	979.65
AUS100BHD020	102.2	115	80	0.55	240	10	560	2.90	20	1640.35
AUS150BHD020	152.0	172	44	0.30	131	9	610	6.20	20	3303.48

Price Group: HP

DA12

Grey / Blue ABR Super Elastic PVC Suction Hose





Application:	Medium suction and delivery of water, salt water, light chemicals, liquids etc. in construction, sewer purging, sludge, slurries, water matter, sand and gravel. Especially for use in cold climates
Tube:	Grey PVC
Reinforcing:	Exposed rigid blue PVC helix
Temperature Range:	-20°C to 50°C
Special Features:	• UV stabilised, abrasion resistant • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
AUS025GB020	25	34.0	102	0.7	290	9	90	0.5	20	233.52
AUS032GB020	32	41.0	87	0.6	247	9	130	0.6	20	273.39
AUS038GB020	38	47.0	73	0.5	232	9	140	0.7	20	463.40
AUS050GB020	50	61.5	73	0.5	218	9	200	1	20	455.65
AUS065GB020	63	77.0	73	0.5	203	9	275	1.4	20	637.91
AUS076GB020	76	90.0	58	0.4	174	9	310	1.7	20	774.61
AUS100GB020	102	117.5	44	0.3	145	9	410	2.6	20	1298.61
AUS200GB010	203	225.0	29	0.2	87	9	980	10	20	POR

Price Group: HP

DA13

Complete hose data specification sheets are available upon request.

PVC Marineflex L/D Suction / Delivery

Application:	Marine industry bilge pump and dust extraction. Light duty pressure and suction and heavy duty air seeder
Reinforcing:	Rigid white PVC helix
Cover:	Black PVC corrogated inner tube
Temperature Range:	-5ºC to 60ºC
Special Features:	• Abrasion resistant, UV stabilised • Only sold in 20 mtr lengths
Lining:	Black PVC corrogated cover



Part No.	Dimensions (mm)		Pressure						Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
			Positive PSI/Bar				Negative					
			Working		Burst		M/H20	Bar				
	ID	OD	PSI	Bar	PSI	Bar						
MAR02020	19	24	40	2.75	100	7	21		90	0.16	20	95.68
MAR02520	25	31	40	2.75	100	7	21		92	0.22	20	120.74
MAR03220	32	37	24	1.6	60	4	12		114	0.28	20	136.69
MAR03820	38	45	24	1.6	60	4	12		135	0.34	20	177.70
MAR05020	50	59	24	1.6	60	4	12		176	0.55	20	284.78
MAR07520	76	86	24	1.6	60	4	12		250	0.78	20	569.57

Price Group: HP

DA17

Wine & Beverage Heavy Duty Suction & Delivery - Red Helix

Application:	Special hose for heavy duty wine, beer and spirits suction and delivery. Wine and spirits up to 15% alcohol.
Tube:	Clear non-toxic PVC
Reinforcing	Rigid red PVC helix
Temperature Range:	-10˚C to 60˚C
Special Features:	• Non-toxic, food grade FDA, UV stabilised • Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	Conforms to AS2070 for food contact hoses. Meets EEC directive 90/128 for articles intended for contact with foodstuffs.



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
AUS025FB020	25	34.4	184	1.3	551	9	160	0.45	20	270.78
AUS032FB020	32	41.6	145	1.0	435	9	200	0.68	20	327.20
AUS040FB020	38	47.9	145	1.0	435	9	240	0.78	20	372.33
AUS050FB020	51	62	121	0.8	363	9	300	1.15	20	496.44
AUS065FB020	63	75.9	121	0.8	363	9	370	1.60	20	733.38
AUS080FB020	76	90	97	0.7	290	9	450	1.90	20	857.49
AUS100FB020	102	117.4	73	0.5	218	9	630	3.25	20	1444.20

Price Group: HP

DA24

Complete hose data specification sheets are available upon request.

A

Wine & Beverage Suction & Delivery VACPRES PVC Hose



Application:	For suction & delivery of wine / beverages water mineral water fruit juices liquids etc.
Reinforcing:	Steel wire helix with polyester braid
Cover:	Clear non toxic food grade PVC
Temperature Range:	-5°C to 60°C
Special Features:	• Conforms to AS2070 90/128 / EEC 2007/19/EC A,B,C. ISO 1307 • Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	EEC Directive 90/128 ISO 1307
Lining:	Clear non toxic food grade PVC

Part No.	Dimensions (mm)		Pressure						Bend Radius	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
			Positive PSI/Bar				Negative					
			Working		Burst		M/H20	Bar				
	ID	OD	PSI	Bar	PSI	Bar						
AUS020FBSD20	19	27.5	140	10	420	29	9		85	0.42	20	349.77
AUS025FBSD20	25	36.2	140	10	420	29	9		90	0.68	20	564.14
AUS032FBSD20	32	42.2	140	10	420	29	9		110	0.80	20	699.53
AUS040FBSD20	40	53	140	10	420	29	9		140	1.20	20	1038.01
AUS050FBSD20	51	63.6	140	10	420	29	9		170	1.60	20	1263.68

Price Group: HP

DA26

Metalflex PVC Suction Hose - Food Grade



Application:	Plasticised PVC hose with reinforcement of steel helix. Bore and cover are smooth. Very Flexible, excellent kink abrasion and crush resistance. Ideal for use in vacuum pumps, agricultural machines, water irrigation, chemical plants and suction of foods.
Tube:	Clear PVC non-toxic
Reinforcing:	Wire helix
Temperature Range:	-15°C to 60°C
Special Features:	• Non-toxic, non-conductive • Minimum cut length of 5 mtrs, charges apply for cutting hose.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
ARM012020	12	17.4	85	0.6	305	8.5	25	0.18	20	142.34
ARM016020	16	22.0	85	0.6	261	8.5	35	0.23	20	166.80
ARM020020	20	27.0	71	0.5	218	8.5	50	0.34	20	198.25
ARM025020	25	33.0	71	0.5	218	8.5	30	0.51	20	279.90
ARM032020	32	40.4	57	0.4	189	8.5	75	0.65	20	349.87
ARM035020	35	43.6	57	0.4	174	8.5	80	0.73	20	466.50
ARM038020	38	47.0	57	0.4	174	8.5	90	0.80	20	443.17
ARM045020	45	54.8	43	0.3	130	8	105	1.10	20	653.10
ARM050020	50	60.0	43	0.3	130	8	125	1.20	20	606.45
ARM063020	63	75.8	43	0.2	102	7	150	1.96	20	933.00
ARM080020	76	85.2	29	0.2	87	7	195	2.50	20	1212.90
ARM100020	102	115.0	29	0.2	87	6	300	3.40	20	1556.81
ARM150020	152	169.0	20*	0.1	58*	5	460*	6.35	20	3892.03

Price Group: HP

DA14

* Denotes figure is calculated as theoretical.

Complete hose data specification sheets are available upon request.

Heavy Duty PVC Wine & Beverage Suction & Delivery Easy Drag Hose



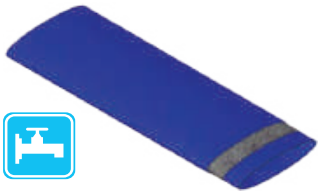
Application:	Heavy duty food grade suction & delivery hose for bottling, wine making, canning, dairy, brewing and liquid foods.
Tube:	Flexible PVC, smooth bore, corrugated OD
Reinforcing:	Rigid PVC helix, synthetic braiding
Temperature Range:	-25°C to 60°C
Special Features:	• Lightweight and flexible. External helix provides for easy drag. Rated for both suction and delivery. Clear sidewall permits visual check of material flow. • Minimum cut length of 5 mtrs, charges apply for cutting hose.
Standards:	Produced entirely of compounds in compliance with FDA and 3-A non-toxic specifications.

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Vacuum M/h20	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa						
AUS040KANFW030	38	51	110	0.8	330	9.6	65	0.51	30.4	1654.63
AUS050KANFW030	50	66	100	0.7	300	9.6	101	0.83	30.4	2216.58
AUS080KANFW030	75	94	100	0.7	300	9.6	160	1.11	30.4	2965.85
AUS100KANFW030	100	122	75	0.5	225	9.6	180	2.58	30.4	4776.58
AUS125KANFW030	125	154	70	0.5	210	9.6	233	4.31	30.4	9178.54
AUS150KANFW030	150	182	70	0.5	210	9.6	259	5.76	30.4	11863.42

Price Group: HP

DA26

Medium Duty Blue Layflat



Application:	Mines, construction, irrigation
Tube:	Blue PVC
Reinforcing:	High strength textile
Cover:	Blue PVC
Temperature Range:	-20°C to 54°C
Special Features:	• Abrasion resistant, UV stabilised • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Sunny Blue

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Weight kg/mtr	Length (mtr)	Price $ per mtr
	ID	OD	PSI	MPa				
LFAB025	26	29	100	0.7	300	0.16	100	3.55
LFAB032	33	35	100	0.7	300	0.20	100	4.21
LFAB040	40	43	75	0.5	220	0.21	100	3.31
LFAB050	52	55	75	0.5	220	0.29	100	4.33
LFAB065	65	68	60	0.4	180	0.40	100	6.04
LFAB080	77	82	60	0.4	180	0.75	100	7.74
LFAB100	103	107	60	0.4	180	0.75	100	10.25
LFAB125	128	132	45	0.3	135	1.0	100	16.27
LFAB150	153	158	45	0.3	135	1.25	100	17.09
LFAB200	207	212	45	0.3	135	1.93	100	30.76

Price Group: HP

DA33

Complete hose data specification sheets are available upon request.

A

Heavy Duty Red Layflat



Application:	Heavy Duty Red: Designed for water drainage at open pit mining and at civil engineering/dam construction sites in mountains or other areas where water must be moved to significantly higher or lower elevations. This hose has excellent abrasion resistance
Tube:	Red PVC
Reinforcing:	High strength textile
Cover:	Red PVC
Temperature Range:	-20°C to 54°C
Special Features:	• Abrasion resistant, UV stabilised • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Sunny Red

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa				
LFAR040	40	43.6	150	1	450	0.3	100	6.84
LFAR050	52.5	56.5	150	1	450	0.42	100	9.69
LFAR065	66	70.2	150	1	450	0.55	100	13.11
LFAR080	78.5	82.7	125	0.9	375	0.66	100	15.71
LFAR100	104	109	125	0.9	375	1.0	100	22.93
LFAR150	155	160.6	100	0.7	300	1.65	100	39.48
LFAR200	208	214.8	70	0.5	210	2.2	100	62.08

Price Group: HP

DA33

Extra Heavy Duty Green Mining Layflat



Application:	The ruggedness and high tensile strength of this hose makes it the most abrasion resistant and high pressure hose in the Layflat series.
Tube:	Green PVC
Reinforcing:	Textile
Cover:	Green PVC
Temperature Range:	-20°C to 54°C
Special Features:	• Abrasion resistant, UV stabilised • Minimum cut length of 10 mtrs, charges apply for cutting hose.

Part No.	NB (inch)	Dimensions (mm)		Approx Wall	Working Pressure		Design BP PSI	Tensile kg/mtr	Weight kg/mtr	Length (mtr)	Price $ per mtr
		ID	OD		PSI	MPa					
LF100GN	4	105	113	4	220	1.5	725	7,000	1.850	100	67.43
LF150GN	6	153	162	4	220	1.5	725	11,000	2.800	100	192.04
LF200GN	8	204	214	5	145	1.0	430	17,700	3.800	100	275.99

Price Group: HP

DA34

• Please refer to pages 174-177 for a full range of Bauer Couplings to suit dewatering applications

Download a copy of our Dewatering guide from our website dixonvalve.com

Complete hose data specification sheets are available upon request.

Techflex Layflat

Application:	Industrial washdown, pump discharge, submersible pump discharge, bypass systems, drainage systems, irrigation/watering, fertiliser distribution, cable cover, and pollution control flotation booms.
Tube:	NBR
Reinforcing:	High strength textile
Cover:	NBR
Temperature Range:	-20°C to 80°C
Special Features:	• Abrasion resistant, oil mist resistant, • UV stabilised



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Wall Thickness	Tensile Strength kg/mtr	Bend radius (mtr)	Weight kg/mtr	Length (mtr)	Price $ per mtr
	ID	OD	PSI	MPa							
ORO038	38	42	275	1.9	825	2	1,700	0.70	0.3	20, 100	27.71
ORO050	52	56	250	1.7	750	2	3,600	1.0	0.42	20, 100, 200	31.14
ORO075	78	83	250	1.7	750	2.5	6,200	1.3	0.7	20, 100	50.04
ORO100	105	110	225	1.6	675	2.5	9,300	1.55	1.0	20, 100	60.53
ORO150	155	161	150	1	450	3	13,900	2.0	1.7	20, 100	86.57
ORO200	204	210	150	1	450	3	16,900	3.0	2.4	20, 100	166.80

Price Group: HP

DA38

• 250mm and 300mm also available - contact Dixon™ on 1300 134 651 for details. Full coils only.

Techflex Assemblies

Application:	Techflex assemblies are assembled in house by Dixon™'s trained hose technicians and can be tailor made to suit any application. Please contact your local Dixon™ branch for pricing on application.



Part No.	Length mtr	Assembled with	Price $ per mtr or coil
ORO100F	25	100mm Male & Female Bauer Couplings	1682.31
ORO150F	20	150mm Male & Female Bauer Couplings	2576.59

Price Group: HP

DA40

Techflex Extra Layflat

Available while stocks last!

Application:	Air compressors, high pressure liquid pumping, bulk powder discharge (except cement)
Tube:	NBR
Reinforcing:	High strength textile
Cover:	NBR
Temperature Range:	-20˚C to 150˚C
Special Features:	• Abrasion resistant, oil mist resistant, • UV stabilised



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Flat Dimensions (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa					
ORO20Y025	25	31	225	1.6	1050	46	0.24	20, 60	28.52
ORO20Y038	40	46	225	1.6	900	68	0.42	20, 60	50.95

Price Group: HP

DA39

Complete hose data specification sheets are available upon request.

Fireflex Layflat



Application:	Rubber compound made of synthetic nitrile rubber carefully formulated to achieve the utmost abrasion, temperature, aging, and chemical resistance. Reinforcement made of high tenacity synthetic fibres, woven in modern circular looms with filaments
Tube:	Black NBR
Reinforcing:	High strength textile
Cover:	Heat resistant up to 150°C, red NBR
Temperature:	-20°C to 80°C
Standards:	BS6391 Type 3 DIN J4811

Part No.	Dimensions (mm)		Working Pressure		BP PSI	Flat Dimensions (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
	ID	OD	PSI	MPa					
ART025	25	29	300	2.1	975	43	0.18	30	22.75
ART038	38	42	255	1.8	825	63	0.30	30	29.00
ART050	52	57	225	1.6	750	86	0.42	30	33.01
ART065	65	70	225	1.6	750	107	0.54	30	39.34

Price Group: HP

DA36

Layflat Fire Hose



Application:	Internal rubber lining combined with external closely woven polyester fibre. Fully extruded rubber which internally and externally protects the jacket.
Standards:	BS 6391
Colour:	Red or white cover
Composition:	Polyester cover

Part No.	Size	Type	Price $ per mtr
EXT-3830LF16	38mm x 30 m	Non-percolating	377.43
EXT-6430LF16	64mm x 30 m	Non-percolating	516.92

Price Group: SD

FP04

Layflat Fire Hose Fitted



Application:	Internal rubber lining combined with external closely woven polyester fibre. Fully extruded rubber which internally and externally protects the jacket.
Standards:	BS 6391
Colour:	Red or white cover
Composition:	Polyester cover
Fittings:	Aluminum BI male / female couplings

Part No.	Size	Type	Price $ per mtr
EXT-3830LF-16K	38mm x 30 m	Non-percolating	651.00
EXT-6430LF-16K	64mm x 30 m	Non-percolating	750.59

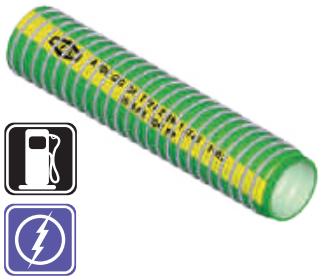
Price Group: SD

FP04

Complete hose data specification sheets are available upon request.

Code 1000 - Composite Petrol & Oil Medium Duty Suction & Delivery

Application:	This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of hydrocarbons where 100% aromatic resistance is required. The hose construction is lightweight and flexible for ease of handling yet remains robust hard wearing and cost effective. Electrically resistant to less than 1 ohms/m as required by BS5842:1980.Clause 6.2 and hose and assembling in accordance with AS2683.2010.EN 13765; 2003
Tube:	Galvanised inner wire
Reinforcement:	High strength polypropylene films and fabrics,high density polyethylene film reinforcements, polyvinyl coated polyester fabric cover with outer galvanised wire.
Cover:	Green with yellow stripe corrogated and exposed galvanised wire helix. Weather and ozone resistant.
Temperature Range:	-30°C to 80°C
Standards:	AS2683 Type 1 Grade 1, 2, 3. Meets US Coast Guard requirements Lloyds and DNV approved
Branding:	DIXON OIL CODE 1000 MD S/D

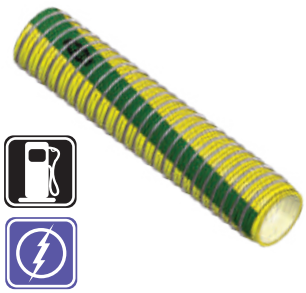


Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODE1000025	25	150	10	750	50	662	0.9	0.90	100	40	58.18
CODE1000032	32	150	10	750	50	662	0.9	1.27	125	40	60.30
CODE1000040	38	150	10	750	50	662	0.9	1.23	140	40	58.00
CODE1000050	50	150	10	750	50	662	0.9	1.66	180	40	62.41
CODE1000065	65	150	10	750	50	662	0.9	2.10	220	40	64.53
CODE1000080	75	150	10	750	50	662	0.9	2.53	180	40	64.53
CODE1000100	100	150	10	750	50	662	0.9	4.10	400	40	85.69

Price Group: SD
BB06

Code 1003 - Composite Oil MD Suction & Delivery

Application:	This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of hydrocarbons where 100% aromatic resistance is required.The hose construction is exceptionally lightweight with increased flexiblity for ease of handling yet remains robust hard wearing and cost effective. Electrically resistant to less than 1 ohms/m as required by BS5842:1980.Clause 6.2 and hose and assembling in accordance with AS2683.2010.EN 13765; 2003
Tube:	Aluminum inner wire
Temperature Range:	-30°C to 80°C
Standards:	AS2683 Type 1 Grade 1,2 3.Meets US Coast Guard requirements and Lloyds and DNV approved
Hose Construction:	High strength polypropylene films and fabrics,high density polyethylene film reinforcements,polyvinyl coated polyester fabric cover with outer galvanised wire. yellow with green / buff stripe corrogated and exposed galvanised wire helix.Weather and ozone resistant. Aluminum inner wire.
Branding:	DIXON M/D OIL CODE 1003 MD S/D



Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODE1003040	40	150	10	600	40	525	0.7	1.04	100	40	76.17
CODE1003050	50	150	10	600	40	525	0.7	1.56	125	40	70.87
CODE1003065	63	150	10	600	40	525	0.7	1.87	150	40	77.31
CODE1003080	76	150	10	600	40	525	0.7	2.25	180	40	80.54
CODE1003100	100	150	10	600	40	525	0.7	3.52	250	40	104.16

Price Group: SD
BB06

Did you know?

Dixon™ also supplies a range of crimp style scroll tail fittings to complement our range of composite hose.

Complete hose data specification sheets are available upon request.

Code VRH - Composite Vapour Recovery



Application:	This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of hydrocarbons where 100% aromatic resistance is required.The hose construction is lightweight and flexible for ease of handling yet remains robust hard wearing and cost effective. Electrically resistant to less than 1 ohms/m as required by BS5842:1980.Clause 6.2 and hose and assembling in accordance with AS2683.2010.EN 13765; 2003
Tube:	Galvanised inner wire
Temperature Range:	-30°C to 80°C
Standards:	AS2683 Type 1 Grade 1, 2, 3. Meets US Coast Guard requirements Lloyds and DNV approved
Hose Construction:	High strength polypropylene films and fabrics,high density polyethylene film reinforcements,polyvinyl coated polyester fabric cover with outer galvanised wire. black with yellow stripe corrogated and exposed galvanised wire helix.Weather and ozone resistant.
Branding:	DIXON VAPOUR REC VRH100 MD S/D

Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODEVRH100	100	100	7	400	27	525	0.7	3.10	400	40	77.31

Price Group: SD

BB06

Code Frac - Composite HydroFrac Heavy Duty Suction & Delivery



Application:	This anti-static high pressure and chemically resistant composite FRAC hose is designed for suction and discharge use with hydraulic fracturing related applications. Also suitiable for on plant or road/rail tankers with a wide range of hydrocarbons where 100% aromatic resistance is required. The hose construction is medium to light weight and flexible for ease of handling yet remains robust,hard wearing and cost effective. Electrically resistant in accordance to AS2683. The ARMATEX abrasion resistant cover and construction makes this extremely durable even in the harshest envionments.
Tube:	Poly coated inner wire
Temperature Range:	-40°C to 100°C
Hose Construction:	Poly coated steel inner wire. High strength polypropylene films and fabrics,high density polyethylene film reinforcements,polyvinyl coated polyester fabric cover with outer galvanised steel wire. olive green Aramex with white stripe corrogated and exposed galvanised wire helix.Weather and ozone resistant.
Branding:	DIXON HYDROFRAC HD S/D

Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODEFRAC100	100	250	17	750	50	662	0.9	5.8	360	40	257.70
CODEFRAC150	150	250	17	750	50	662	0.9	12.5	500	40	515.40
CODEFRAC200	200	250	17	750	50	662	0.9	17.5	800	40	638.88

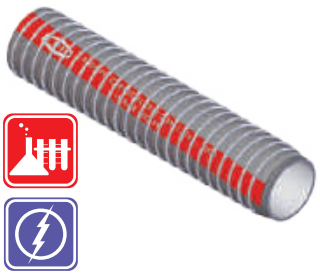
Price Group: SD

DB37

Complete hose data specification sheets are available upon request.

Code 951 - Composite Chemical Medium Duty Suction & Delivery Hose

Application:	This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of chemicals where 100% aromatic resistance is required. The hose construction is lightweight and flexible for ease of handling yet remains robust hard wearing and cost effective.
Tube:	Poly coated steel inner wire
Temperature Range:	-30°C to 80°C
Standards:	AS2594 EN13765
Hose Construction:	Poly coated steel inner wire. High strength polypropylene films and fabrics,high density polyethylene film reinforcements,polyvinyl coated polyester fabric cover with outer galvanised wire. Grey with red stripe corrogated and exposed galvanised wire helix. Weather and ozone resistant.
Branding:	DIXON CHEMICAL CODE 951 MD S/D



Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODE951025	25	150	10	750	50	662	0.9	0.8	100	40	64.99
CODE951040	38	150	10	750	50	662	0.9	1.0	100	40	71.28
CODE951050	50	150	10	750	50	662	0.9	1.6	150	40	80.71
CODE951065	63	150	10	750	50	662	0.9	1.9	200	40	90.14
CODE951080	76	150	10	750	50	662	0.9	2.2	250	40	96.43
CODE951100	100	150	10	750	50	662	0.9	3.6	300	40	151.99

Price Group: SD

BB06

Code 952 - Composite Chemical Medium Duty Suction & Delivery Hose

Application:	This anti-static composite hose is designed for suction and discharge use on plant or road/rail tankers with a wide range of chemicals where 100% aromatic resistance is required. The hose construction is lightweight and flexible for ease of handling yet remains robust hard wearing and cost effective.
Tube:	Poly coated steel inner wire
Temperature Range:	-30°C to 80°C
Standards:	AS2594 EN13765
Hose Construction:	Poly coated steel inner wire. High strength polypropylene films and fabrics,high density polyethylene film reinforcements, polyvinyl coated polyester fabric cover with outer SS304 wire. Grey with red stripe corrogated and exposed galvanised wire helix. Weather and ozone resistant.
Branding:	DIXON CHEMICAL CODE 952 MD S/D



Part No.	ID (mm)	Pressure						Weight kg/m (approx)	Bend Radius (mm)	Length (m)	Price $ per mtr
		Positive PSI/bar				Negative					
		Working		Burst		mmhg	bar				
		PSI	bar	PSI	bar						
CODE952050	50	150	10	750	50	662	0.9	1.6	150	40	94.34
CODE952065	63	150	10	750	50	662	0.9	1.9	200	40	106.91
CODE952080	76	150	10	750	50	662	0.9	2.2	250	40	122.64
CODE952100	100	150	10	750	50	662	0.9	3.6	300	40	201.37

Price Group: SD

BB06

Did you know?

Dixon™ also supplies a range of crimp style scroll tail fittings to complement our range of composite hose.

Complete hose data specification sheets are available upon request.

MARINE HOSES - Coming Soon to Dixon
MARINEBOSS A215 Wet Exhaust S/D Hose



Application:	Hard wall hose designed for water cooled engine exhaust gas systems conveying wet exhaust fumes.
Tube:	Black smooth synthetic rubber
Reinforcement:	Two plys of high strength synthetic cord with steel wire helix to 12mm - 200mm. Four plys of cord 250mm and 300mm.
Cover:	Black corrugated (wrapped finish) synthetic rubber, abrasion, weather and oil resistant.
Standards:	SAE J2006:03.Type R1

Price Group: HS

DB47

MARINEBOSS A452 Rubber Fuel Filler Hose S/D



Application:	Mandrel built fuel filler hose suitable for TYPE A1 fuel fill applications
Tube:	Black smooth synthetic rubber oil / fuel resistant
Reinforcement:	High strength synthetic cord. Two ply with wire helix
Cover:	Black wrapped cover, long lasting synthetic rubber, weather and ozone resistant
Temperature:	-25°C to 100°C
Standards:	SAE J1527 Type 2 ISO 7840 A2 USCG Approved

Price Group: HS

DB47

MARINEBOSS A116 Rubber Fuel Line Hose



Application:	Extruded rubber fire resistant fuel line hose to convey fuel suitable for TYPE A1 fuel line applications
Tube:	Black smooth synthetic rubber oil / fuel resistant
Reinforcement:	High strength synthetic cord. Single braid
Cover:	Black wrapped cover, fire resistant, long lasting synthetic rubber, weather and ozone resistant
Temperature:	-25°C to 100°C
Standards:	SAE J1527 Type 2 ISO 7840 A2 USCG Approved

Price Group: HS

DB47

MARINE White Sanitation Suction Hose MD S/D



Application:	Marine industry suction and deliver applications. The hose has low odour permabilit and is suited to sanitation systems in marine
Tube:	Black PVC smooth inner tube
Reinforcement:	Rigid galvanised wire helix
Cover:	Black PVC smooth cover
Temperature:	-5°C to 60°C

Price Group: HS

DB47

MARINE White Sanitation S/D Hose



Application:	Very flexible marine sanitation odourless marine hose
Tube:	White smooth EPDM rubber compound
Reinforcement:	Two plys high strength synthetic cord with two steel wire helix
Cover:	White EPDM wrapped cover long lasting rubber, weather and ozone resistant
Temperature:	-29°C to 104°C
Features:	Flexible odourless and temperature resistant

Price Group: HS

DB17

Complete hose data specification sheets are available upon request.

Stainless Steel Metallic Hose



Application:	Ideally suited to high pressure, high temperature and corrosive applications, flexible metal hoses can accommodate angular movements, temperature expansion, vibration and misalignment. Steam, compressed air, petrochemical and vacuum.
Temperature Range:	-270ºC to 600ºC
Hose Material:	Dixon™ metal hose is non-corroding austenitic steel according to DIN 17441 (AISI 321)
Braiding Material:	Braiding material is non-corroding austenitic steel to ISI 304
Size Range:	6mm to 300mm

Nominal Bore (mm)	ID (mm)	OD (mm)		Min Bend Radius, One Bend Process (mm)		Nominal Bend Radius, Frequent Bending (mm)	Working Pressure (PSI)		Weight (kg/m)		Length (m)
		No Braid	Braided	No Braid	Braided		No Braid	Braided	No Braid	Braided	
6	6.2	9.7	10.8	15	25	80	348	2871	0.07	0.15	Up to 100
8	8.2	12.3	13.7	16	32	125	247	2552	0.09	0.20	
10	10.2	14.3	15.7	18	38	130	174	1900	0.10	0.22	
12	12.2	16.8	18.2	20	45	140	131	1349	0.12	0.24	
16	16.2	21.7	23.3	28	58	160	102	1233	0.18	0.38	
20	20.2	26.7	28.3	32	70	170	51	827	0.25	0.48	
25	25.5	32.2	34.2	40	85	190	44	943	0.34	0.75	
32	34.2	41	43	50	105	260	36	667	0.43	0.89	
40	40.1	49.7	52	60	130	300	36	725	0.71	1.39	
50	50.4	60.3	62.6	70	160	320	23	508	0.89	1.65	
65	65.4	80	83.2	90	200	440	15	435	1.07	2.46	10
75	80.2	98	101.2	110	240	700	15	464	1.72	3.55	
100	100.2	118	121.2	130	290	750	12	363	1.97	3.99	
125	126.2	145	148.2	500	500	1000	9	276	2.67	5.24	
150	151.6	171	174.2	700	700	1300	7	189	3.38	6.31	
200	200.1	227	-	860	-	1350	4	-	4.83	-	3.5
250	250.3	280.3	-	1000	-	1600	3	-	7.51	-	
300	300.3	333.1	-	1270	-	2000	3	-	8.96	-	

PTFE Metallic Hose



Application:	Inert to practically all commercial chemicals, acids, solvents and hydraulic fluids, these assemblies absorb no moisture and have low volumetric expansion. Easy to clean and sterilise. Particularly suited to arduous flexing over an extended temperature range. Pharmaceutical and food processing industries - does not contaminate the media being passed through the hose. Tasteless and odourless
Temperature Range:	-50°C to 260°C
Size Range:	6mm - 100mm

Smooth Bore

Size range: 6mm to 25mm
Temperature range: -50ºC to 260ºC

Convoluted

Size range: 10mm to 100mm
Temperature range: -50ºC to 260ºC

Complete hose data specification sheets are available upon request.

A

Stainless Steel Metallic Hose Installation & Safety

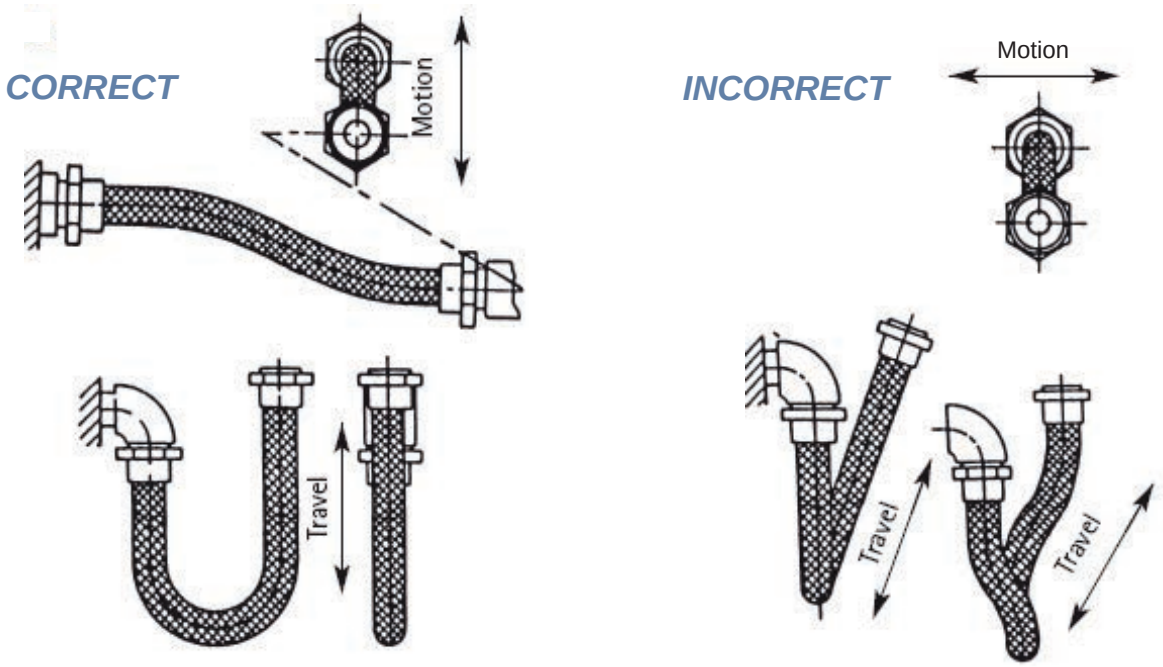
When installed correctly within the design parameters, stainless steel hose assemblies can give many years of satisfactory life. To help maximise the working life the following should be observed.

Torque - Stainless steel hose assemblies should never be subject to torque.

Hose is subjected to torque by:

1. **Twisting during installation**. This can be minimised by the use of a swivel joint at one end, where the fixed fitting is tightened up first. Two spanners should be used on union fittings.

2. **Twisting when flexed.** The hose should be installed so that flexing takes place in one plane only and the direction of motion must be perpendicular to the centre line of the hose. Pipework must be anchored and guided at each change of direction where a hose is used to absorb pipework movement.



Rubbing - Any signs of external damage should cause the hose to be replaced. Damage to the braid will cause the pressure capacity of the hose to be compromised, possibly endangering personnel.

Pressure - Always refer to the maximum working pressure of the hose before installation. Always take into account the working conditions such as temperature and pulsation.

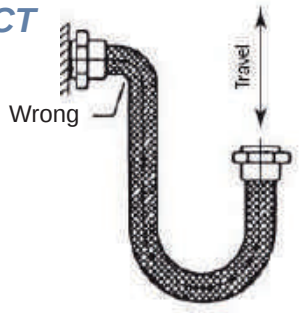
Pulsation or Shock Pressure - These can be caused by the fast opening or closing of valves etc and can cause premature failure through metal fatigue. Where this cannot be avoided the maximum working pressure of the hose should be reduced by 50%. Installation should be in a straight line with no slack on the braid.

Complete hose data specification sheets are available upon request.

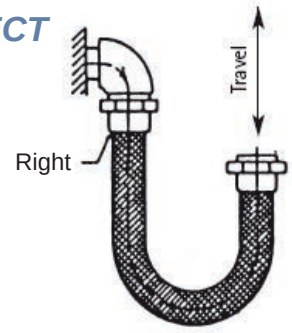
Stainless Steel Metallic Hose Installation & Safety

Small Radii - Small radii should be avoided and the minimum centre line bend radius of the hose should always be observed. Be aware of the different bend radii for dynamic (i.e. constantly moving) and the static (i.e. anti vibration) applications. The use of Parrap hose or solid elbows should be considered. If the application causes the hose to flex below the minimum bend radius near the ferrule, the use of a hose 'bend limiter' can be considered.

INCORRECT



CORRECT



Flow Velocity - The convolutions can effect high flow velocities in one of two ways:

1. **Turbulence.** Velocities above 150 Ft/Sec for Gas or 75 Ft/Sec for Liquid can cause turbulence within the hose convolutions leading to metal fatigue. To overcome this, the use of the next size of hose, with or without a liner, can be effective. For Hoses bent through 90˚ the above flows should be reduced by 50%, for 45˚ reduce by 25%.

2. **Pressure Loss.** As a rough guide it can be assumed that the pressure loss in a Convoluted Stainless Steel hose is twice that for new, welded steel pipe. This means that an increase in the bore size of 15% will reduce the pressure loss to that of the steel pipe.

Temperature - When operating at elevated temperatures, a 'correction' factor should be applied to reflect the changed state of the hose materials.

STAINLESS STEEL CORE GRADE 321 (1.4541)	
Temp ˚C	Factor
-200	1
-150	1
-100	1
-50	1
0	1
50	0.93
100	0.83
150	0.78
200	0.74
250	0.70
300	0.66
350	0.64
400	0.62
450	0.60
500	0.59
550	0.58
600	Enquire
650	Enquire

STAINLESS STEEL CORE GRADE 316 (1.4404)	
Temp ˚C	Factor
-200	1
-150	1
-100	1
-50	1
0	1
50	0.90
100	0.73
150	0.67
200	0.61
250	0.58
300	0.53
350	0.51
400	0.50
450	.049
500	0.47
550	0.47
600	Enquire
650	Enquire

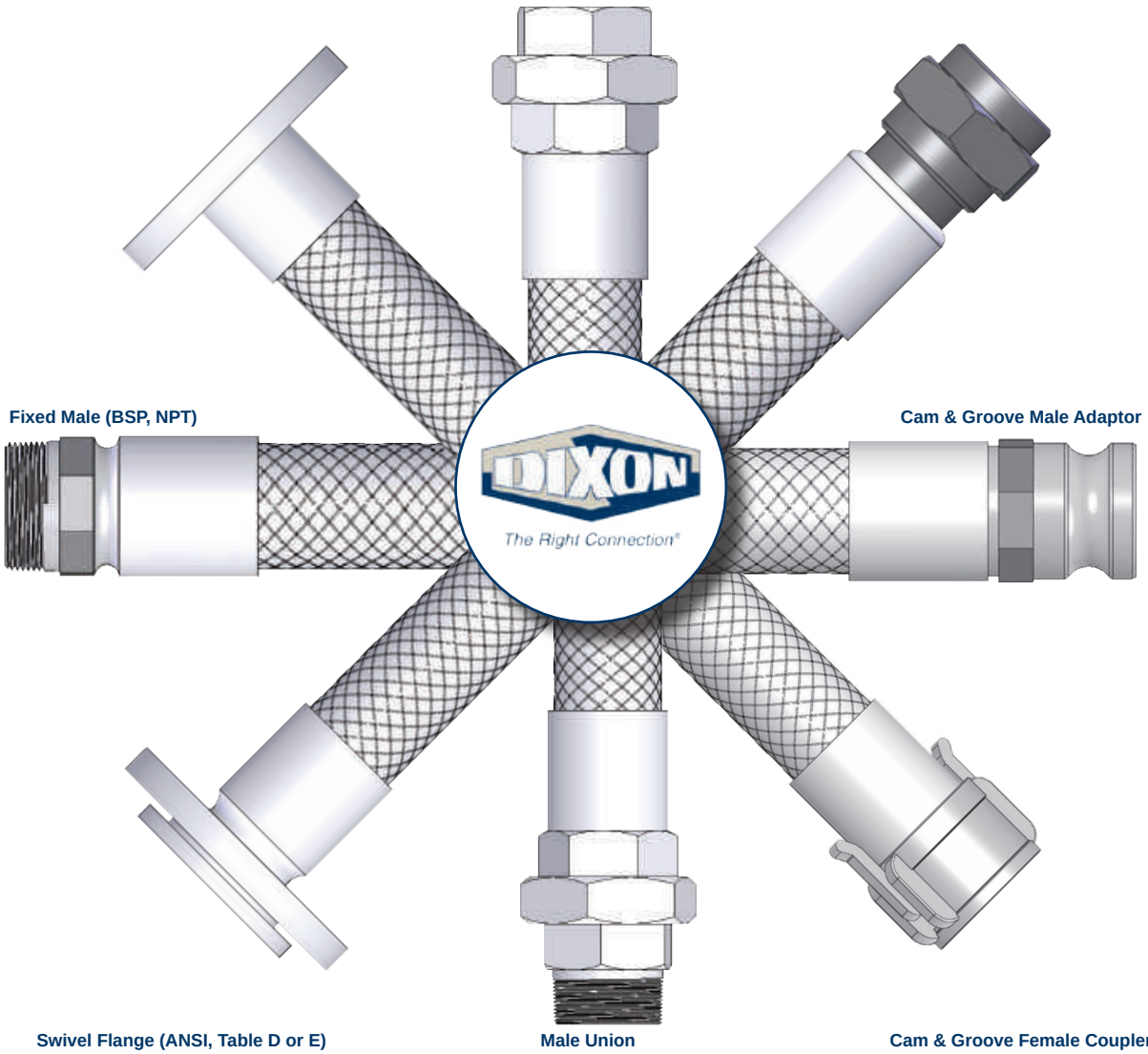
Note: The above information is intended as a guide only and as such the above specifications cannot be held to be mandatory. Dixon™ reserves the right to change and modify designs and specification without notice

Complete hose data specification sheets are available upon request.

A

Metallic & Composite Hose End Configurations

Design:	Metallic and composite hose are available in a wide variety of end configurations in common materials including stainless steel, aluminium and mild steel.



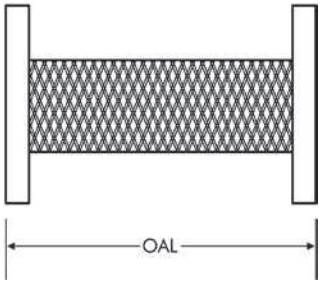
Complete hose data specification sheets are available upon request.

Pump Connectors - Table 'E' Fixed

Application:	Suitable for applications including vibration isolation, high temperature, thermal expansion, noise reduction, cryogenics and pressure and vacuum systems
Design:	Pump connectors are used in a variety of industries which require flexible connections in pipe and fluid handling systems.



Size (mm)	Part No.	Standard Length (mm)	Price $
32	PC125	150	156.88
40	PC150	150	136.85
50	PC200	150	162.63
65	PC250	150	189.39
75	PC300	150	187.32
100	PC400	150	268.67
125	PC500	150	309.12
150	PC600	150	513.32
200	PC800	200	606.15



• Other couplings and lengths available on request.

Price Group: SD

AX07

Rubber Expansion Joint

Design:	Single sphere with EPDM element and galvanized steel floating flanges drilled to table D/E.



Size (mm)	Part No.	Price $
40	FJ040	219.69
50	FJ050	146.65
65	FJ065	232.96
80	FJ075	238.81
100	FJ100	327.16
125	FJ125	277.78
150	FJ150	690.00
200	FJ200	752.27
250	FJ250	1262.32
300	FJ300	1505.69

• Table E / DIN 16 also available in some sizes

Price Group: SD

VC05

Complete hose data specification sheets are available upon request.

Natural Insertion Industrial Sheet Rubber



Application:	Natural insertion rubber is manufactured with a nylon reinforcing, giving the product higher tear strength than ordinary rubber sheeting. Insertion rubber is used for a variety of applications including matting, packing, gaskets, dust curtains and mud flaps
Reinforcing:	Nylon Ply
Temperature Range:	-20°C to 60°C
Tensile Strength:	40±5 kg/cm²
Hardness:	Shore A 65+/-5
Specific Gravity:	1.5±0.05
Elongation Rate:	Minimum 250%
Material Designation:	SBR

Part No.	Thickness (mm)	Width (mm)	Ply (x)	Rolls (m)	Weight kg/roll	Price $ per mtr
NIR015	1.5	1200	1	10	27.00	20.55
NIR03	3.0	1200	1	10	54.00	31.84
NIR045	4.5	1200	2	10	81.00	51.12
NIR06	6.0	1200	2	10	108.00	77.35
NIR10	10.0	1200	2	10	180.00	127.04

Price Group: HR

DB44

Neoprene Industrial Sheet Rubber



Application:	Neoprene rubber sheet is a preferable choice of rubber sheeting when exposed to the weather. This product also has a moderate resistance to petroleum based fluids. Neoprene rubber sheeting is used for many applications, including gasket making, matting, baffles & bumper strips.
Temperature Range:	-20°C to 60°C
Tensile Strength:	40±5 kg/cm²
Hardness:	Shore A 65+/-5
Specific Gravity:	1.5±0.05
Elongation Rate:	Minimum 250%
Material Designation:	CR

Part No.	Thickness (mm)	Width (mm)	Rolls (m)	Weight kg/roll	Price $ per mtr
NEO015	1.5	1200	10	27.00	28.44
NEO030	3	1200	10	54.00	51.07
NEO045	4.5	1200	10	81.00	75.29
NEO060	6	1200	10	108.00	105.66

Price Group: HR

DB27

Neoprene Insertion Industrial Sheet Rubber



Application:	Neoprene insertion rubber is manufactured with a nylon reinforcing, giving the product higher tear strength than ordinary rubber sheeting. This product also has a moderate resistance to petroleum based fluids. Neoprene Insertion Rubber is used for a variety of applications including matting, packing, gaskets dust curtains and mud flaps.
Reinforcing:	Nylon Ply
Temperature Range:	-20°C to 60°C
Tensile Strength kg/cm²:	40±5 kg/cm²
Hardness:	Shore A 65+/-5
Specific Gravity:	1.5±0.05
Elongation Rate:	Minimum 250%
Material Designation:	CR

Part No.	Thickness (mm)	Width (mm)	Ply (x)	Rolls (m)	Weight kg/roll	Price $ per mtr
NEO015IR	1.5	1200	1	10	27.00	29.73
NEO030IR	3	1200	1	10	54.00	46.12
NEO045IR	4.5	1200	2	10	81.00	92.17
NEO060IR	6	1200	2	10	108.00	102.70

Price Group: HR

DB27

Complete hose data specification sheets are available upon request.

Skirting Industrial Sheet Rubber

Application:	Skirting rubber is a sheeting applied to the sides of conveyor belts to prevent loss of material travelling on the conveyor.
Temperature Range:	-20°C to 60°C
Tensile Strength:	40±5 kg/cm²
Hardness:	Shore A 65+/-5
Specific Gravity:	1.5±0.05
Elongation Rate:	Minimum 250%
Material Designation:	SBR



Part No.	Thickness (mm)	Width (mm)	Rolls (m)	Weight kg/roll	Price $ per roll
SIR060100	6	100	30	27.00	164.71
SIR060150	6	150	30	40.50	423.33
SIR060200	6	200	30	54.00	565.98
SIR060250	6	250	30	67.50	707.35
SIR100075	10	75	30	33.75	320.87
SIR100100	10	100	30	45.00	432.34
SIR100150	10	150	30	67.50	350.45
SIR100200	10	200	30	90.00	455.92
SIR100250	10	250	30	112.50	964.54
SIR101200	10	1200	30	540.00	5068.71
SIR120075	12	75	30	40.50	269.93
SIR120100	12	100	30	54.00	426.45
SIR120125	12	125	30	67.50	342.96
SIR120150	12	150	30	81.00	518.81
SIR120200	12	200	30	108.00	673.69
SIR120250	12	250	30	135.00	949.03
SIR120300	12	300	30	162.00	1190.85
SIR121200	12	1200	30	648.00	5888.65
SIR160100	16	100	30	72.00	624.22
SIR160150	16	150	30	108.00	742.36
SIR160200	16	200	30	144.00	1084.86
SIR160250	16	250	30	180.00	1183.66
SIR161200	16	1200	30	864.00	7379.44
SIR190075	19	75	30	64.13	585.79
SIR190100	19	100	30	85.50	805.73
SIR190150	19	150	30	128.25	1128.66
SIR190200	19	200	30	171.00	1493.74
SIR190250	19	250	30	213.75	1952.44
SIR191200	19	1200	30	1026.00	9370.84

Price Group: HR

DB26

Complete hose data specification sheets are available upon request.

When fabricating and specifying hose assemblies, ask the following questions:

Size

What is the ID (inside diameter) of the hose? What is the OD (outside diameter) of both ends of the hose? What is the overall length of the assembly required?

Temperature

What is the temperature range of the media (product) that is flowing through the hose assembly? What is the temperature range of the environment that surrounds the outside of the hose assembly?

Application

How is the hose assembly actually being used? Is it a pressure application? Is it a vacuum (suction) application? Is it a gravity flow application? Are there any special requirements that the hose assembly is expected to perform? Is the hose being used in a horizontal or vertical position? Are there any pulsations or vibrations acting on the hose assembly?

Media

What is the media/material that is flowing through the hose assembly? Being specific is critical - check for abrasive materials, chemical compatibility, etc.

Pressure

What is the maximum pressure including surges (or maximum vacuum) that this hose assembly will be subjected to? Always rate the maximum working pressure of your hose assembly by the lowest rated component in the system.

Ends

What couplings have been requested by the user? Are they the proper fittings for the application and hose selected?

Dixon™

Dixon™ recommends that all assemblies be permanently marked with the designed working pressure and intended media, based on the hose, fittings and attachment method used. Do not use other manufacturers fittings or ferrules with Dixon™ products due to the differences in dimensions and tolerances. Dixon™ recommends all hose assemblies be tested frequently.

Misapplications or misuse:



Damage to Hose Cover – The hose cover protects the reinforcement of the hose from damage. If the reinforcement, which provides the hoses pressure rating is exposed or damaged affects the WP of the hose and may lead to failures when pressurised. Damaged hose should be removed from service and repaired or replaced.



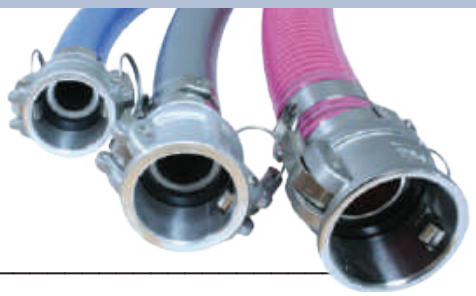
What's under the tape? – The use of duct tape or rags to hide defects or patch leaks should be discontinued. It could be hiding a potential hazard. Any damaged or leaking hoses should be removed from service and repaired or replaced.



Hose Tail Insertion – A hose assembly, in order to be completely safe and functional, must have the tail of the coupling fully inserted into the square cut end of the hose. Failure to correctly do so may result in premature failure of the assembly which has the potential to cause damage to plant and personal.

Complete hose data specification sheets are available upon request.

Hose Assembly Request Form



Customer: _____

Contact Name: _____ Contact Number: _____

Location/ Branch: _____ Contact Fax: _____

Account #: _____

Purchase Order: _____ Internal Reference_____

Delivery Address: _____

_____

Special Instructions: _____

Ship Via: _____

Size

ID _____ mm Length _____ mtrs Rubber ☐ PVC ☐ Layflat ☐

Qty _____ Composite ☐ Metal ☐

Description: _____

Temperature of media and environment

20˚C ☐ 40˚C ☐ 60˚C ☐ 100˚C ☐ Steam ☐ Specify: _____

Application

Pressure ☐ Suction ☐ Vacuum ☐

External environment: Chemical ☐ Harsh ☐ Clean ☐

Media

Water ☐ Air ☐ Steam ☐

Petroleum ☐ Chemical ☐ Specify: _____

Pressure

Specify: _____ kPa _____ psi _____ Bar

End clamping & fitting methods

End fittings: End 1 - Specify: _____ End 2 - Specify: _____

Preferred clamping method - Specify: _____

Delivery

Testing and certification required: Y / N Test pressure: _____ psi / kPa

Date required:_____/_____/_____

Price & Delivery: Assembly Cost (excl GST) $_____:_____ Including Test: Y / N Delivery Date:_____/_____/_____

Complete hose data specification sheets are available upon request.

A

FRAS Air & Water Delivery Hose Assembly (A700)



A700 Hose fitted with Bronze Camlocks & Pre-Form Clamps

Application:	Designed specifically for the conveyance of water in coal mining applications. Mandrel built hose to AS/NZS 2660:1991 Class B & C covering Fire Resistant Anti-Static

PVC	
Temperature Range:	0°C to 60°C
ID Sizes:	10mm to 50mm
Standard Lengths:	20m, 100m

Rubber Delivery	
Temperature Range:	-15°C to 70°C
ID Sizes:	10mm to 100mm
Standard Lengths:	20m

Rubber Suction Delivery	
Temperature Range:	-15°C to 70°C
ID Sizes:	38mm to 152mm
Standard Lengths:	20m

Also Available:	120m lengths available in some rubber hose sizes on request. Available with A-type 12mm to 32mm and Surelock™ couplings up to 80mm. Swaged shouldered ends. Camlock fittings.

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Hot Water Washdown Hose Assembly (A225)

Application:	For cleaning of food processing equipment for meats (abattoirs, small goods) poultry, dairy plants and industrial kitchens.
Temperature Range:	-20°C to 90°C
ID Sizes:	20mm and 25mm
Assembly WP:	250 PSI (WP will vary depending on fitting/clamp selection)
Standard Lengths:	20m
Also Available:	60°C PVC Park/Dairy white wash down hose



A225 Hose complete with Flow Boss™ Gun & Male BSP other end

Heavy Duty Premium Grey PVC Suction Hose Assembly

Application:	Economical general purpose PVC suction delivery hose for water, mud etc. Used in agriculture and industry using tank trucks.
Temperature Range:	-5°C to 60°C
ID Sizes:	25mm to 125mm
Assembly WP:	See table below
Standard Lengths:	20m & 50m
Also Available	A large variety of PVC suction hoses to suit different applications. Variety of end configurations and clamping.



Hose fitted with Camlocks & Pre-Form Clamps

	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	100 mm	125 mm
WP PSI	165	150	135	102	102	97	67	58
Vacuum M/H20	10	10	10	10	9	9	9	9

WARNING:
Under no circumstances should camlocks be used for compressed air or steam service

Techflex Nitrile Layflat Assembly

Application:	Discharge hose for pumps, dewatering, bypass hose, drainage systems, irrigation/ watering.
Temperature Range:	-20°C to 80°C
ID Sizes:	76mm – 200mm
Assembly WP:	76mm – 250 PSI 100mm – 174 PSI
Standard Lengths:	76mm to 100mm 25m, 150mm+ 20m
Also Available:	With Camlocks/flanged hose tails Blue medium duty, red heavy duty and green extra heavy duty mining layflat hoses



Layflat Hose fitted with Bauer Compatible Couplings with Ultralock Clamps

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Wire Reinforced Steam Hose Assembly (A230)



A230 Hose fitted with Dixon™ Boss™ Ground Joints & Clamps

Application:	Wire reinforced saturated steam hose for use in manufacturing, refineries, chemical, power plants, shipyards, commercial laundries.
Temperature Range:	-40°C to 210°C
ID Sizes:	12mm to 100mm
Assembly WP:	270 PSI - Refer to steam temperature pressure conversion chart on page 647 for precise WP for each application.
Standard Lengths:	20m (60m & 120m available in some sizes)

Pressurised steam is extremely dangerous. Never use unapproved items for steam. Only approved hose, fittings, clamps and accessories should be used.

Muff Coupling Hose Assembly (A800)



A800 Hose with Muff Couplings supplied as components. Fitting required on site.

Application:	Heavy duty abrasive resistant material handling hose for service applications. Suitable for suction / delivery of slurry, bulk, cement and abrasive products.
Temperature Range:	-30°C to 70°C
ID Sizes:	50mm to 305mm
Assembly WP:	Contact Dixon™ for working pressure
Standard Lengths:	50mm to 150mm 20m, 200mm+ 10m
Also Available:	Muff couplings available drilled to table D or E ANSI 150 available on request Muff couplings available in either aluminium or cast iron

RC Drilling Hose Assembly (A550)



A550 Hose fitted with Dixon™ Boss™ Ground Joints & Clamps

Application:	Designed for use on reverse cycle drill rigs, where a high pressure abrasion resistance hose is required. Mining drill rigs exploration companies
Temperature Range:	-40°C to 120°C
ID Sizes:	50mm to 100mm
Assembly WP:	375 PSI
Standard Lengths:	20m
Also Available:	A180 High pressure steel air hose assemblies for drill rig air lines. Cable stockings are recommended.

Concrete Placement Hose Assembly (A500)



A500 Hose fitted with Internally Swaged Shouldered Ends

Application:	High abrasion resistant hose designed for spraying of plaster, grout, gypsum and concrete. Industries include construction and mining and associated sub-contractors.
Temperature Range:	-40°C to 70°C
ID Sizes:	50mm to 100mm
Assembly WP:	580 PSI
Standard Lengths:	20m
Also Available:	A505 1200 PSI WP concrete placement hose

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Food, Milk & Beverage Suction & Delivery Hose Assembly (A621)

Application:	Food and beverage suction and delivery hose suitable for transferring milk, wine, beer and potable water in plant and tank truck services. Breweries, wineries, dairies, transport – tanker trucks.
Temperature Range:	-30°C to 121°C for oily products. -30°C to 100°C for non-oily products
Standards:	FDA compliant and conforms to 3A sanitary standard 18-03
ID Sizes:	25mm to 102mm
Assembly WP:	150 PSI (may vary depending on assembly components) Vac Bar 0.9
Standard Lengths:	20m & 60m
Also Available:	A605, A625 and A635 Food & beverage delivery hose. A large variety of sanitary and food grade fittings.



A621 Hose may require different fittings to suit different industry standards

PVC Wine & Beverage Suction Hose Assembly - Red (violet-pink) Helix

Application:	Special designed for heavy duty suction and delivery of wine. Non-toxic heavy duty construction specially blended for distilled and fermented beverages. Wineries
Temperature Range:	0°C to 60°C
ID Sizes:	25mm to 102mm
Assembly WP:	See table below
Standard Lengths:	20m
Also Available:	Food grade and sanitary fittings, Wash down hoses



	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	102 mm
WP PSI	116	101	92	77	72	62	58
Vacuum M/H20	9	9	9	9	9	8	8

Wine & Beverage Suction & Delivery VACPRES PVC Hose

Application:	For suciton & delivery of wine / beverages water mineral water fruit juices liquids etc.
Temperature Range:	-5°C to 60°C
ID Sizes:	19mm to 51mm
Assembly WP:	140 PSI
Standard Lengths:	20m
Standards:	EEC Directive 90/128 ISO 1307



Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Rubber Food & Beverage Delivery Hose Assembly (A605)



Application:	A superior quality hose, mandrel built, suitiable for conveying beer, wine, vinegar, soft and alcoholic drinks, potable water and other foodstuff when a food quality hose is required.
Temperature Range:	-40°C to 120°C
Standards:	Food Grade FDA
ID Sizes:	25mm to 76mm
Assembly WP:	145 PSI
Standard Lengths:	20m

Rubber Premium Food & Wine Suction & Delivery Hose Assembly (A625)



Application:	Special food suction and discharge hose, particularly suitable for transferring milk, wine, beer and potable water either in plant or tank service. Crush resistant PET HELIX with FDA approvals.
Temperature Range:	-40°C to 120°C, synthetic textile fabrics with two PET crush resistant helix.
Features:	Crush proof / crush resistant. Abrasion, antistatic, ozone resistant.
ID Sizes:	25mm to 76mm
Assembly WP:	150 PSI
Standard Lengths:	20m and 60m

Rubber Food Boss, Milk & Beverage Suction & Delivery Hose Assembly (A635)



Application:	Hardwall hose for suction and discharge of milk and foodstuff. The light weight structure makes it a particular flexible and include easy to handle hose.
Temperature Range:	-25°C to 80°C, stem open end maximum 110°C at 15 minutes
Features:	Abrasion, antistatic, ozone resistant.
Standards:	FDA tit.21, item 177.2600 for aqueous and fatty foods.BfR XX1 cat 2 for foods .D.M.21/03/73 for aqueous foods and alchlols to 72 degrees .EU regulation CE1925/04 and CE 2023/06
Assembly WP:	90 PSI
Standard Lengths:	20m and 60m

Complete hose data specification sheets are available upon request.

Petrol & Oil Delivery Composite Hose Assembly (Code 1000)

Application:	Anti-static lightweight and flexible suction and delivery hose for a wide variety of hydrocarbons where 100% aromatic resistance is required. Hard wearing and cost effective. Used on plant, rail, and road tankers for the transfer of fuels. Fuel depots and refineries, transport contractors.
Temperature Range:	-40°C to 80°C
Standards:	Electrically resistant to less than 1 ohms, as required by BS 5842:1980 clause 6.2. Hose assembly in accordance with EN 13765:2003 and AS2683.2010
ID Sizes:	25mm to 100mm
Standard Lengths:	Up to max 40mtrs
Also Available:	Code 1003 vapour recovery



	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	100 mm
Assembly WP PSI	150	150	150	150	150	150	150

Medium & Heavy Duty Oil Blue Suction & Delivery Hose Assembly

Application:	Durable hose with exceptional high vacuum and pressure resistance for the heavy duty suction of diesel oil products and oil slurry handling. Mining, mechanic / fuel depots, councils, Heavy machinery companies.
Temperature Range:	-5°C to 60°C
ID Sizes:	25mm to 150mm
Standard Lengths:	20m
Also Available:	A large range of PVC Suction hoses for a variety of applications



PVC & Nitrile blend Hose fitted with Camlocks

	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	102 mm	152 mm
WP PSI	130	120	105	95	95	85	80	48
Vacuum M/H20	9	9	9	9	9	9	9	9

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

UHMW Polyethylene Chemical Hose (A410)



A410 Hose fitted with Dixon™ EZ Boss-Lock™ Camlocks

Application:	Chemical transfer hose suitable for most common chemicals. Refer to "Rubber Hose Chemical resistance chart" & "Coupling & Clamp Chemical Resistance Chart" for suitability of hose, fittings, clamps and seals for particular chemicals. Refineries, chemical plants, mine sites, fertilizer plants.
Temperature Range:	-20°C to 100°C
ID Sizes:	19mm to 100mm
Assembly WP:	See table below
Standard Lengths:	20m
Also Available:	A variety of end combinations available subject to media compatibility.

	19 mm	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	100 mm
WP PSI	150	150	150	150	150	150	125	100

Composite Chemical Hose (Code 951 / 952)



Application:	Anti-Static lightweight, robust and flexible suction and delivery hose for a wide range of chemicals. Hard wearing and cost effective. Used on plant, rail and road tankers for chemical transfer. Mine sites, chemical manufacturing plants.
Temperature Range:	-30°C to 80°C
Standards:	Electrically resistant to less than 10 ohms, as required by BS 5842:1980 clause 6.2. Hose assembly in accordance with EN 13765:2003 and AS2594
ID Sizes:	25mm to 100mm
Standard Lengths:	Up to max 40mtrs
Also Available:	Different wire options

	25 mm	32 mm	38 mm	50 mm	65 mm	76 mm	100 mm
Assembly WP PSI	150	150	150	150	150	150	150

Assembly Working Pressures

Assembly working pressures may vary slightly depending on the size, hose, fittings and clamps selected.

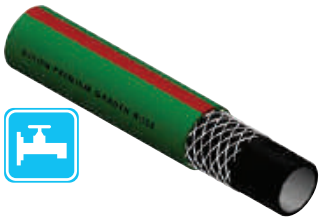
Dixon™ recommends gathering all STAMPED information to ensure the selected hose assembly is suitable for the required service or application.

Dixon™ also recommends all Hose Assemblies be proof tested to prove the assembly's integrity, and tagged to clearly show the hose assembly's working pressure.

Complete hose data specification sheets are available upon request.

Super Heavy Duty Garden Hose

Application:	Garden water supply. Premium quality reinforced hose for hand watering and sprinklers. For domestic gardens, parks and sport grounds
Temperature Range:	0°C to 60°C
Tube:	Black PVC
Reinforcing:	Polyester
Cover:	Green with red stripe PVC
Special Feature:	UV Stabilised
Standards:	Conforms to AS2620.1:1983



Part No.	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per coil
	ID	OD	PSI	MPa					
H1341218	12	17	145	1.0	580	144*	0.16	18	53.42
H1341230	12	17	145	1.0	580	144*	0.16	30	89.41
H13412100	12	17	145	1.0	580	144*	0.16	100	299.60
H1341818	18	23	145	1.0	580	216*	0.24	18	85.93
H1341830	18	23	145	1.0	580	216*	0.24	30	142.83
H13418100	18	23	145	1.0	580	216*	0.24	100	478.43

Price Group: HP

DA22

Heavy Duty Garden Hose

Application:	Water supply. Garden hose for hand watering and sprinkler. Reinforced with high tensile synthetic yarn. Designed for domestic irrigation
Temperature Range:	0°C to 60°C
Tube:	Black PVC
Reinforcing:	Polyester
Cover:	Clear green
Special Feature:	UV Stabilised
Standards:	Conforms to AS2620.1:1983



Part No.	Fitted / Unfitted	Dimensions (mm)		Working Pressure		BP PSI	Bend Radius (mm)	Weight kg/mtr	Length (mtr)	Price $ per mtr / coil
		ID	OD	PSI	MPa					
H1351218	Unfitted	12	16	145	1.0	580	144*	0.11	18	42.15
H1351230	Unfitted	12	16	145	1.0	580	144*	0.11	30	70.62
H13512100	Unfitted	12	16	145	1.0	580	144*	0.11	100	233.53
H1351818	Unfitted	18	22	145	1.0	580	216*	0.20	18	67.35
H1351830	Unfitted	18	22	145	1.0	580	216*	0.20	30	113.81
H13518100	Unfitted	18	22	145	1.0	580	216*	0.20	100	377.41
H1352420	Unfitted	24	29	145	1.0	580	288*	0.45	20	133.55
H13524100	Unfitted	24	29	145	1.0	580	288*	0.45	100	673.53

Price Group: HP

DA21

* Denotes figure is calculated as theoretical.

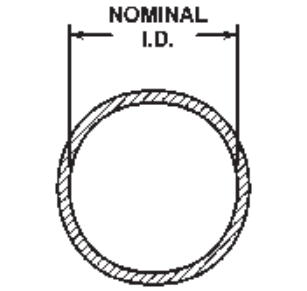
Complete hose data specification sheets are available upon request.

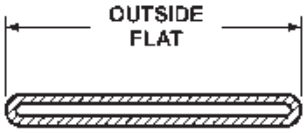
A

Nylon Protective Sleeves - MSHA Accepted



Application:	Woven nylon tubular sleeving. Ideal for use as a protective covering on hydraulic and industrial hose. Tight weave of the seamless tubular sleeving helps dispense the flow of fluid in a ruptured hose.
Colour:	Black
Temperature:	Withstands temperatures up to 135°C
Standards:	MSHA accepted, passes flammability tests





Part No.	Dimensions (mm)		Length (mtr)	Price $ per coil
	Nominal ID	Outside Flat		
DHS90-100	23	38	30	197.86
DHS100-100	25	42	30	229.04
DHS106-100	27	48	30	154.58
DHS122-100	31	54	30	438.01
DHS138-100	35	57	30	292.63
DHS142-100	36	63	30	410.48
DHS159-100	39	67	30	346.35
DHS159-1-100	40	70	30	562.19
DHS175-100	44	73	30	401.00
DHS181-100	46	76	30	446.59
DHS219-100	56	92	30	555.86
DHS238-100	60	99	30	493.53
DHS263-100	67	108	30	603.20
DHS288-100	73	121	30	803.36
DHS366-100	93	149	30	741.15
DHS520-100FRAC	131	190	50	30.01

Price Group: PC
DC07

Complete hose data specification sheets are available upon request.

Spiral Hose Guard

Application:	Spiral wrap is designed to bundle and/or protect hose and cables from abrasion. Manufactured from tough Polyethylene. It is ultra violet stabilised and is unaffected by most petroleum based products including oil. • Rolled edged finish • Packed in cardboard cartons
Colour:	Black, red, blue, yellow
Temperature:	0°C to 82°C



Part No.	Dimensions (mm)		Wall Thickness	Suits hose OD range	Box Quantity (mtr)	Price $ per box
	ID	OD				
R1220BK	9	13	2.00	9-12	20	87.76
R1620B	12	16	2.25	12-17	20	100.05
R2020B	15	20	2.50	16-22	20	128.45
R2520B	19	25	2.75	22-28	20	169.77
R3220B	23	30	3.50	27-33	20	242.36
R4020B	30.5	39	4.25	33-42	20	347.22
R5020B	38	46.5	4.25	42-55	20	431.68
R6520B	47	58	5.50	52-65	20	533.81
R7520B	61	73	6.00	65-80	20	727.71
R9020B	70.5	84.5	7.00	80-150	20	1024.92
R11010B	84	99	7.50	150	10	546.75

Price Group: HR

DC07

FRAS Spiral Guard

Application:	FRAS Spiral Guard is designed to bundle and/or protect hose and cables from abrasion.
Colour:	Black with red stripe
Temperature:	0°C to 82°C
Standards:	BS EN ISO 8031:1997 for electrical resistance BS EN ISO 8030:1998 for fire resistance ISO 4589-1: 1996 for determination of burning behaviour by oxygen index NSW Department of Mineral Resources MDA 99/579



Part No.	Dimensions (mm)		Box Quantity (mtr)	Price $ per box
	ID	OD		
RF1620	12	16	20	149.40
RF2020	15	20	20	251.93
RF2520	19	25	20	329.99
RF3220	23	30	20	606.54
RF4020	30.5	39	20	762.99
RF5020	38	46.5	20	1094.26
RF6320	47	58	20	1392.87
RF7520	61	73	20	1723.58
RF9020	70.5	84.5	20	1967.66

Price Group: HR

DC07

Hose Glide Rings

Application:	Glide rings are made from hard bearing type plastic material. They come in two halves and can be fitted anywhere along the hose length. Hose glides easily across the floor without catching, protecting the hose outer cover. Glide rings hold hoses off the floor preventing damming, build-up of wash-down liquids behind the hose. Hose can be dragged around the floor almost like being on skates.



Part No.	Price $ per box
HGR-050	74.40
HGR-076	80.60
HGR-100	139.50

Price Group: DS

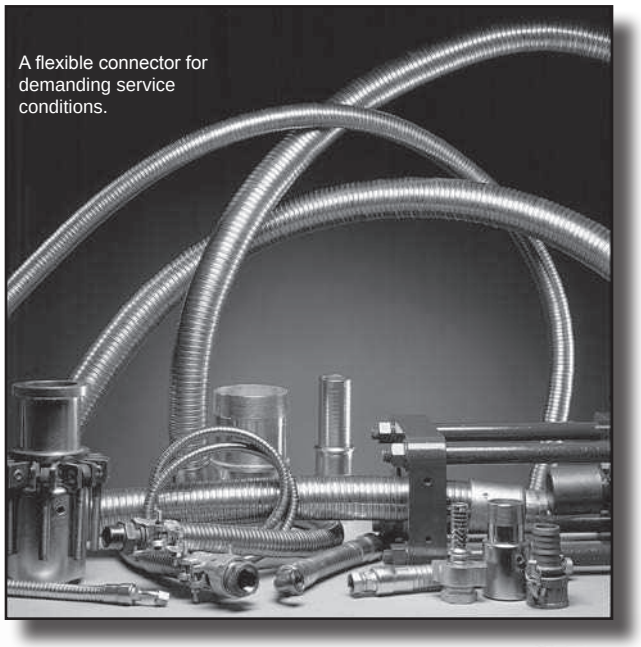
AV13

Complete hose data specification sheets are available upon request.

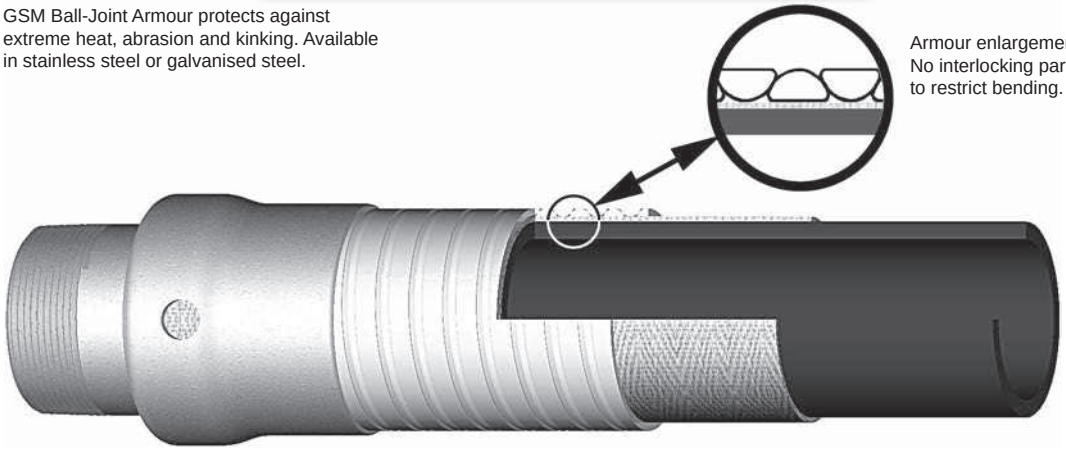
A

GSM Ball Joint Armoured Hose

Features:	
	• Resists kinking • Superior flexibility • Resists external heat • Protects against abrasion • Provides longer life • Works with many types of end fittings • Suitable for low and high pressure conditions, including high pressure hydraulic use • Armour available in galvanised steel and stainless steel • Cost effective



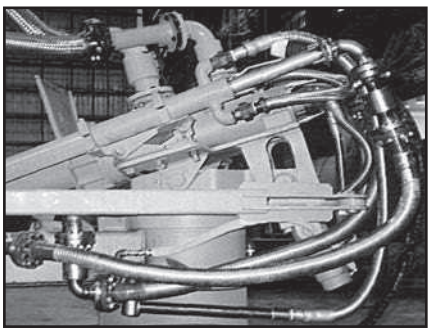
GSM Ball-Joint Armour protects against extreme heat, abrasion and kinking. Available in stainless steel or galvanised steel.



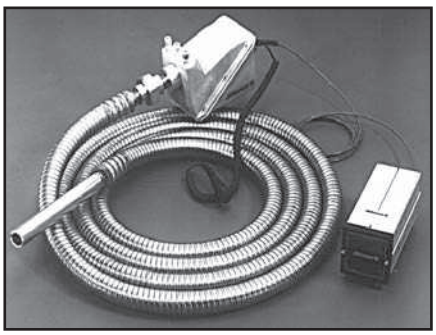
Armour enlargement. No interlocking parts to restrict bending.

Various layers of fibreglass insulation can be applied to resist extreme heat.

Inner hose supplied is designed for material conveyed. (Hose can be rubber, PTFE or metal).



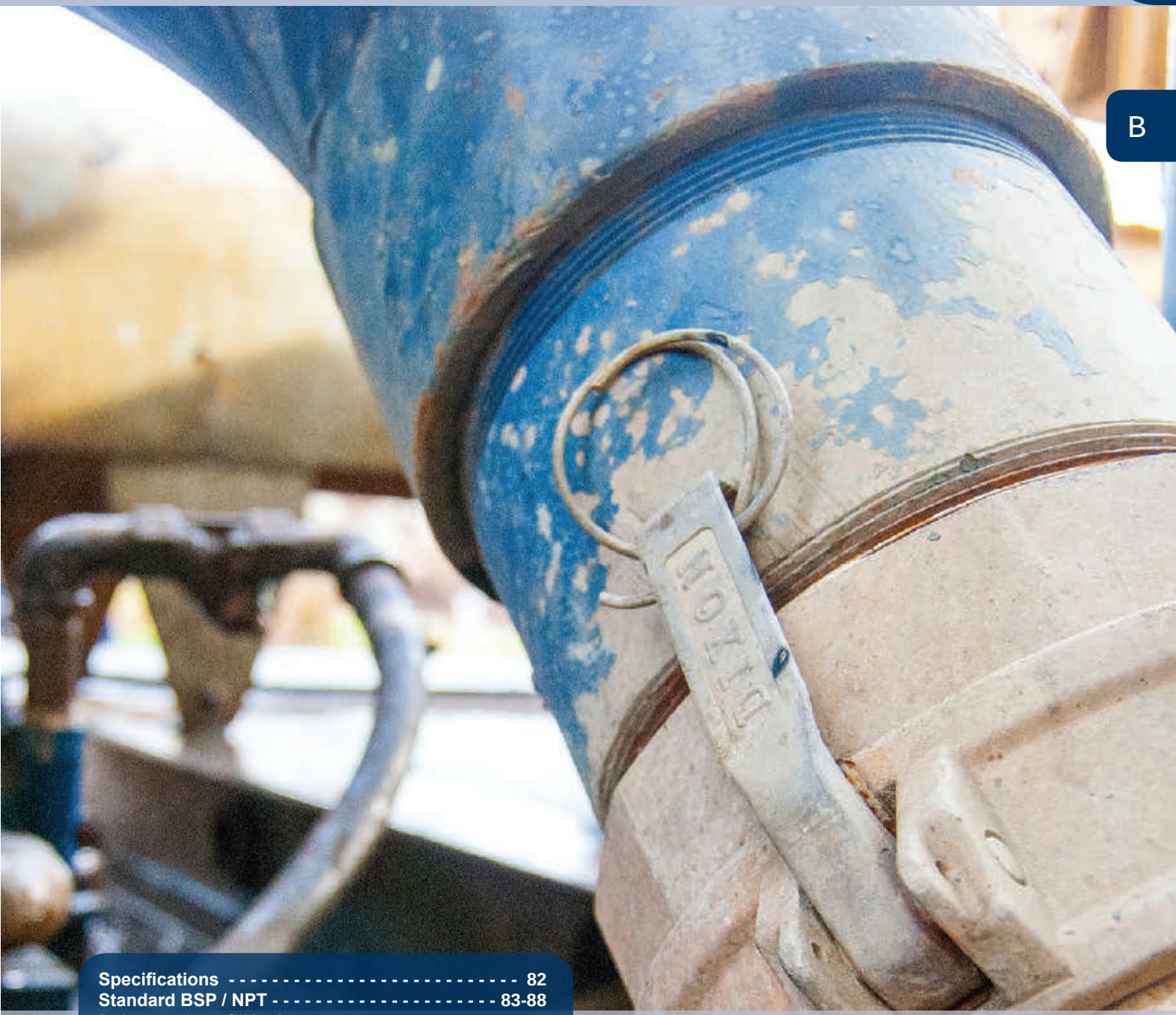
GSM Water, Oxygen and Gas Hoses handling critical Steel Mill applications.



GSM Armoured Hose used to protect Fibre-optic cables.
Photo Credit-Williamson Corp.

Complete hose data specification sheets are available upon request.

B



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B

Specifications

Design Information



Applications

The Dixon™ Cam & Groove coupling is a reliable quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours including cooling water, fuels, chemicals, cosmetics, food products, adhesives, dyes, pharmaceuticals, pellets and much more.

How does it work?

1. To make connection, slide the adapter into the coupler and with normal hand pressure, press the cam levers down.

2. Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

The Dixon™ range of Cam and Groove (Camlock) couplers and adaptors are manufactured to interchange with all product produced to Commercial Item Description A-A 59326D, which supersedes Mil-C-27487. No Standard exists for the ½" (15mm) & 8" (200mm) fittings and generally these sizes do not interchange with other manufacturers.

Pressure Ratings

Designed for use with liquids. Consult Dixon Asia Pacific for specific recommendations. Recommendations based on the use of mating Dixon™ fittings at ambient temperature 21ºC with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult your Dixon™ representative.

For Aluminium, Bronze, Brass, Stainless Steel & Malleable Camlocks:							
Sizes (mm)	15	20-50	65	75	100	125-150	200
Pressure (PSI)	150	250	150	125	100	75	50

For Polypropylene and Nyglass camlocks:				
Sizes (mm)	15-25	32-50	75	100
Pressure (PSI)	125	100	60	50

Materials

The Dixon™ range of Cam and Groove (Camlock) couplers and adaptors are manufactured from the following materials:

- Aluminium conforming to the requirements of ASTM B 26/B 26M Grade 356.0 – T6
- Stainless Steel grade CF8M (316 Equivalent) in accordance with the requirements of ASTM-A351
- Bronze grade UNS C84400 in accordance with the requirements of ASTM-B584
- Polypropylene 30% glass filled
- Nyglass 30% glass filled

Body	Levers	Pins	Pull Rings
Die Cast Aluminium	Brass	Zinc Plated Steel	Zinc Plated Steel
Brass	210 Stainless Steel	Zinc Plated Steel	Zinc Plated Steel
Bronze	210 Stainless Steel	Zinc Plated Steel	Zinc Plated Steel
Polypropylene	210 Stainless Steel	Zinc Plated Steel	Zinc Plated Steel
Nyglass	210 Stainless Steel	Zinc Plated Steel	Zinc Plated Steel
Stainless Steel 15mm - 25mm	210 Stainless Steel	303 Stainless Steel	316 Stainless Steel
Stainless Steel 32mm - 150mm	210 Stainless Steel	303 Stainless Steel	316 Stainless Steel

Welding of Camlocks

Couplings made using the die cast process must NOT be welded. Although Bronze Sand Cast Couplings made from the above materials may be welded using the appropriate welding equipment and compatible filler material, any modifications to the product will void your warranty. Welding the couplings changes the integrity of the coupling therefore Dixon Asia Pacific will not accept any responsibility for modified couplings.

CAMLOCK SAFETY

- **UNDER NO CIRCUMSTANCES** should cam and groove (camlock) couplings be used in compressed air or steam applications.
- Dust Caps and Dust Plugs are not to be used in any pressure applications for safety and environmental reasons.

Standard BSP Dixon™ Type A

Male Adaptor x Female BSP									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050A	8.08	BR050A	14.72	SS050A	20.27	-	-
20	250	ALDC075A	6.65	BR075A	17.39	SS075A	20.74	BRSS075A	14.28
25	250	ALDC100A	6.68	BR100A	16.65	SS100A	24.04	BRSS100A	18.55
32	250	ALDC125A	9.22	BR125A	27.36	SS125A	39.65	BRSS125A	24.10
40	250	ALDC150A	8.02	BR150A	35.16	SS150A	39.12	BRSS150A	28.01
50	250	ALDC200A	8.04	BR200A	38.93	SS200A	48.56	BRSS200A	28.58
65	150	ALDC250A	20.36	BR250A	65.48	SS250A	93.17	BRSS250A	65.48
75	125	ALDC300A	17.42	BR300A	78.10	SS300A	110.05	BRSS300A	61.90
100	100	ALDC400A	33.29	BR400A	117.43	SS400A	166.86	BRSS400A	112.80
125	75	ALDC500A	45.39	BR500A	135.87	SS500A	336.57	-	-
150	75	ALDC600A	80.05	BR600A	229.63	SS600A	319.31	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	


aluminum die cast


bronze sand cast


stainless steel


brass

Standard NPT Global Dixon™ Type A

Male Adaptor x Female NPT						
Size (mm)	Aluminium (Brass Handles)		Brass (Forged)		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
13	G50-A-AL	22.30	G50-A-BR	20.49	G50-A-SS	41.96
20	G75-A-AL	14.62	G75-A-BR	21.42	G75-A-SS	37.33
25	G100-A-AL	16.81	G100-A-BR	27.83	G100-A-SS	59.00
32	G125-A-AL	21.38	G125-A-BR	36.15	G125-A-SS	93.71
40	G150-A-AL	17.65	G150-A-BR	42.01	G150-A-SS	96.03
50	G200-A-AL	23.27	G200-A-BR	55.38	G200-A-SS	67.98
65	G250-A-AL	46.78	G250-A-BR	82.12	G250-A-SS	194.08
75	G300-A-AL	17.74	G300-A-BR	96.71	G300-A-SS	208.32
100	G400-A-AL	60.44	G400-A-BR	176.24	G400-A-SS	333.71
125	G500-A-AL	92.93	G500-A-BR	366.13	-	-
150	G600-A-AL	124.22	-	-	G600-A-SS	585.41
200	G800-A-AL	317.94	-	-	-	-
	Price Group: CG AL07		**Price Group: CG** AL14		**Price Group: CG** AL05	


aluminum


brass (forged)


316 stainless steel

For technical, application and material guidelines, please refer to page 82

B

Standard BSP Dixon™ Type B


aluminum die cast


bronze sand cast


stainless steel


brass

Female Coupler x Male BSP									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050B	18.58	BR050B	17.85	SS050B	37.24	-	-
20	250	ALDC075B	15.30	BR075B	28.31	SS075B	38.26	BRSS075B	33.19
25	250	ALDC100B	15.91	BR100B	33.30	SS100B	42.19	BRSS100B	35.92
32	250	ALDC125B	21.52	BR125B	43.59	SS125B	64.56	BRSS125B	50.11
40	250	ALDC150B	20.25	BR150B	59.78	SS150B	63.71	BRSS150B	50.84
50	250	ALDC200B	20.74	BR200B	68.75	SS200B	81.51	BRSS200B	43.93
65	150	ALDC250B	33.23	BR250B	80.70	SS250B	120.08	BRSS250B	84.25
75	125	ALDC300B	34.25	BR300B	120.19	SS300B	147.66	BRSS300B	109.91
100	100	ALDC400B	56.95	BR400B	155.64	SS400B	213.25	BRSS400B	158.02
125	75	ALDC500B	89.61	BR500B	229.26	SS500B	511.77	-	-
150	75	ALDC600B	145.74	BR600B	421.85	SS600B	547.69	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	

Standard NPT Global Dixon™ Type B


aluminum


brass (forged)


316 stainless steel

Female Coupler x Male NPT Thread						
Size (mm)	Aluminium (Brass Handles)		Brass (Forged)		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
13	G50-B-AL	34.24	G50-B-BR	47.64	G50-B-SS	71.19
20	G75-B-AL	12.60	G75-B-BR	49.79	G75-B-SS	68.86
25	G100-B-AL	41.02	G100-B-BR	53.88	G100-B-SS	103.55
32	G125-B-AL	46.49	G125-B-BR	75.16	G125-B-SS	146.74
40	G150-B-AL	36.52	G150-B-BR	76.25	G150-B-SS	156.38
50	G200-B-AL	44.80	G200-B-BR	85.12	G200-B-SS	163.02
65	G250-B-AL	71.78	G250-B-BR	131.64	G250-B-SS	241.19
75	G300-B-AL	25.72	G300-B-BR	171.74	G300-B-SS	219.38
100	G400-B-AL	102.47	G400-B-BR	246.90	G400-B-SS	369.63
125	G500-B-AL	184.56	G500-B-BR	552.95	-	-
150	G600-B-AL	241.71	-	-	G600-B-SS	1004.11
	Price Group: CG AL07		**Price Group: CG** AL14		**Price Group: CG** AL05	

Standard BSP Dixon™ Type C

Female Coupler x Hose Shank									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050C	10.10	BR050C	28.52	SS050C	35.98	-	-
20	250	ALDC075C	14.31	BR075C	31.98	SS075C	36.14	BRSS075C	27.74
25	250	ALDC100C	15.00	BR100C	33.07	SS100C	39.20	BRSS100C	39.92
32	250	ALDC125C	18.58	BR125C	46.23	SS125C	60.21	BRSS125C	42.20
40	250	ALDC150C	18.82	BR150C	57.09	SS150C	63.87	BRSS150C-S	54.70
50	250	ALDC200C	22.10	BR200C	65.72	SS200C	82.76	BRSS200C-S	61.71
65	150	ALDC250C	34.52	BR250C	87.78	SS250C	118.62	BRSS250C	91.76
75	125	ALDC300C	30.90	BR300C	128.59	SS300C	171.56	BRSS300C-S	138.31
100	100	ALDC400C	44.89	BR400C	161.02	SS400C	231.44	BRSS400C-S	179.84
125	75	ALDC500C	112.80	BR500C	241.28	SS500C	545.87	-	-
150	75	ALDC600C	158.33	BR600C	523.76	SS600C	547.69	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	



aluminum die cast



bronze sand cast



stainless steel



brass

Standard BSP Dixon™ Type E

Male Adaptor x Hose Shank									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050E	6.87	BR050E	9.85	SS050E	20.27	-	-
20	250	ALDC075E	5.77	BR075E	21.72	SS075E	21.13	BRSS075E	25.55
25	250	ALDC100E	6.76	BR100E	24.03	SS100E	28.36	BRSS100E	26.65
32	250	ALDC125E	9.35	BR125E	35.08	SS125E	45.11	BRSS125E	27.92
40	250	ALDC150E	9.41	BR150E	35.52	SS150E	51.85	BRSS150E-S	36.51
50	250	ALDC200E	11.76	BR200E	56.38	SS200E	63.25	BRSS200E-S	55.69
65	150	ALDC250E	20.73	BR250E	77.13	SS250E	100.63	BRSS250E	79.88
75	125	ALDC300E	18.74	BR300E	123.50	SS300E	142.87	BRSS300E-S	106.18
100	100	ALDC400E	32.04	BR400E	194.88	SS400E	210.56	BRSS400E-S	173.05
125	75	ALDC500E	86.75	BR500E	255.51	SS500E	382.21	-	-
150	75	ALDC600E	110.92	BR600E	433.45	SS600E	471.64	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	



aluminum die cast



bronze sand cast



stainless steel



brass

For technical, application and material guidelines, please refer to page 82

B

Standard BSP Dixon™ Type D


aluminum die cast


bronze sand cast


stainless steel


brass

Female Coupler x Female BSP									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050D	17.37	BR050D	25.62	SS050D	36.92	-	-
20	250	ALDC075D	15.97	BR075D	30.28	SS075D	37.94	BRSS075D	30.83
25	250	ALDC100D	17.29	BR100D	36.64	SS100D	42.19	BRSS100D	40.10
32	250	ALDC125D	20.38	BR125D	45.05	SS125D	68.89	BRSS125D	47.93
40	250	ALDC150D	18.74	BR150D	52.09	SS150D	67.48	BRSS150D	54.11
50	250	ALDC200D	22.06	BR200D	63.63	SS200D	83.18	BRSS200D	49.92
65	150	ALDC250D	34.33	BR250D	80.70	SS250D	120.08	BRSS250D	93.33
75	125	ALDC300D	38.18	BR300D	124.28	SS300D	149.37	BRSS300D	103.73
100	100	ALDC400D	53.65	BR400D	188.92	SS400D	235.52	-	-
125	75	ALDC500D	104.52	BR500D	205.88	SS500D	545.87	-	-
150	75	ALDC600D	153.19	BR600D	441.24	SS600D	547.69	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	

Standard NPT Global Dixon™ Type D


aluminum


brass (forged)


316 stainless steel

Female Coupler x Female NPT Thread					
Size (mm)	Aluminium (Brass Handles)		Brass (Forged)		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
13	G50-D-AL	30.07	G50-D-BR	46.24	G50-D-SS	70.65
20	G75-D-AL	35.67	G75-D-BR	46.24	G75-D-SS	67.03
25	G100-D-AL	38.69	G100-D-BR	60.16	G100-D-SS	103.55
32	G125-D-AL	45.65	G125-D-BR	71.89	G125-D-SS	123.02
40	G150-D-AL	41.23	G150-D-BR	81.16	G150-D-SS	104.11
50	G200-D-AL	48.53	G200-D-BR	96.71	G200-D-SS	133.08
65	G250-D-AL	74.15	G250-D-BR	145.82	G250-D-SS	246.04
75	G300-D-AL	24.72	G300-D-BR	178.29	G300-D-SS	141.22
100	G400-D-AL	109.48	G400-D-BR	291.51	G400-D-SS	408.23
125	G500-D-AL	147.89	G500-D-BR	579.03	-	-
150	G600-D-AL	223.42	-	-	G600-D-SS	1004.11
	Price Group: CG AL07		**Price Group: CG** AL14		**Price Group: CG** AL05	

Standard BSP Dixon™ Type F

Male Adaptor x Male BSP									
Size (mm)	Max WP PSI	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	ALDC050F	8.69	BR050F	10.90	SS050F	20.42	-	-
20	250	ALDC075F	7.60	BR075F	17.16	SS075F	20.42	BRSS075F	16.91
25	250	ALDC100F	7.88	BR100F	21.79	SS100F	32.99	BRSS100F	22.10
32	250	ALDC125F	11.19	BR125F	31.11	SS125F	48.21	-	-
40	250	ALDC150F	9.18	BR150F	46.99	SS150F	55.78	BRSS150F	41.11
50	250	ALDC200F	10.83	BR200F	51.95	SS200F	68.63	BRSS200F	36.05
65	150	ALDC250F	24.65	BR250F	106.36	SS250F	114.07	BRSS250F	63.56
75	125	ALDC300F	24.91	BR300F	110.87	SS300F	141.19	BRSS300F	79.10
100	100	ALDC400F	37.83	BR400F	135.50	SS400F	209.41	BRSS400F	135.76
125	75	ALDC500F	81.29	BR500F	212.03	SS500F	411.06	-	-
150	75	ALDC600F	102.09	BR600F	278.76	SS600F	499.80	-	-
		Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL05	


aluminum die cast


bronze sand cast


stainless steel


brass

Standard NPT Global Dixon™ Type F

Male Adaptor x Male NPT Thread						
Size (mm)	Aluminium (Brass Handles)		Brass (Forged)		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
13	G50-F-AL	4.86	G50-F-BR	25.37	G50-F-SS	37.17
20	G75-F-AL	3.24	G75-F-BR	25.37	G75-F-SS	36.76
25	G100-F-AL	17.65	G100-F-BR	33.15	G100-F-SS	80.99
32	G125-F-AL	25.96	G125-F-BR	59.61	G125-F-SS	113.96
40	G150-F-AL	24.18	G150-F-BR	61.66	G150-F-SS	136.90
50	G200-F-AL	21.81	G200-F-BR	69.84	G200-F-SS	109.81
65	G250-F-AL	59.75	G250-F-BR	99.31	G250-F-SS	237.41
75	G300-F-AL	18.27	G300-F-BR	143.37	G300-F-SS	136.06
100	G400-F-AL	82.96	G400-F-BR	212.12	G400-F-SS	362.98
125	G500-F-AL	188.65	G500-F-BR	581.00	-	-
150	G600-F-AL	162.43	-	-	G600-F-SS	916.29
	Price Group: CG AL07		**Price Group: CG** AL14		**Price Group: CG** AL05	


aluminum


brass (forged)


316 stainless steel

For technical, application and material guidelines, please refer to page 82

B

Standard BSP Dixon™ Type DC


aluminum die cast


bronze sand cast


stainless steel


brass

Dust Cap								
Size (mm)	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	ALDC050DC	17.17	BR050DC	16.15	SS050DC	33.54	-	-
20	ALDC075DC	14.14	BR075DC	43.07	SS075DC	34.09	BRSS075DC	26.46
25	ALDC100DC	14.58	BR100DC	36.86	SS100DC	37.00	BRSS100DC	31.01
32	ALDC125DC	16.68	BR125DC	29.52	SS125DC	54.82	BRSS125DC	42.74
40	ALDC150DC	16.89	BR150DC	55.20	SS150DC	62.77	BRSS150DC	44.20
50	ALDC200DC	17.56	BR200DC	56.24	SS200DC	72.42	BRSS200DC	41.33
65	ALDC250DC	33.05	BR250DC	67.20	SS250DC	102.38	BRSS250DC	65.13
75	ALDC300DC	34.90	BR300DC	99.83	SS300DC	125.79	BRSS300DC	94.02
100	ALDC400DC	43.27	BR400DC	115.42	SS400DC	176.05	BRSS400DC	134.62
125	ALDC500DC	95.03	BR500DC	170.54	SS500DC	406.05	-	-
150	ALDC600DC	130.91	BR600DC	363.43	SS600DC	539.06	-	-
	Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	

Dust Caps are NOT to be used in pressure applications, for safety and environmental reasons.

Standard BSP Dixon™ Type DP



aluminum die cast


bronze sand cast


stainless steel


brass

Dust Plug								
Size (mm)	Aluminium Die Cast		Bronze Sand Cast		Stainless Steel		Brass	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	ALDC050DP	7.68	BR050DP	9.84	SS050DP	20.82	-	-
20	ALDC075DP	6.32	BR075DP	15.24	SS075DP	20.82	BRSS075DP	19.37
25	ALDC100DP	6.21	BR100DP	19.59	SS100DP	25.45	---	---
32	ALDC125DP	7.38	BR125DP	29.08	SS125DP	37.33	BRSS125DP	24.19
40	ALDC150DP	7.54	BR150DP	33.42	SS150DP	35.43	BRSS150DP	24.92
50	ALDC200DP	10.65	BR200DP	33.39	SS200DP	42.88	BRSS200DP	23.30
65	ALDC250DP	14.85	BR250DP	47.36	SS250DP	89.74	BRSS250DP	44.35
75	ALDC300DP	17.80	BR300DP	61.49	SS300DP	97.97	BRSS300DP	51.68
100	ALDC400DP	28.19	BR400DP	256.62	SS400DP	115.27	BRSS400DP	84.77
125	ALDC500DP	60.50	BR500DP	106.15	SS500DP	298.72	-	-
150	ALDC600DP	66.72	BR600DP	214.78	SS600DP	316.54	-	-
	Price Group: CG AL12		**Price Group: CG** AL06		**Price Group: CG** AL05		**Price Group: CG** AL14	

Dust Caps are NOT to be used in pressure applications, for safety and environmental reasons.

For technical, application and material guidelines, please refer to page 82

Standard BSP Dixon™ Type A

Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPA050A	2.88	NGA050A	5.44
20	100	125	70	PPA075A	2.88	NGA075A	4.57
25	100	125	70	PPA100A	2.98	NGA100A	4.74
32	100	125	70	PPA125A	4.60	NGA125A	7.71
40	100	125	70	PPA150A	4.78	NGA150A	9.33
50	100	125	70	PPA200A	5.95	NGA200A	12.35
75	70	90	50	PPA300A	10.10	NGA300A	16.09
100	70	90	50	PPA400A	24.88	NGA400A	35.07

Price Group: CG AL08 **Price Group: CG** AL09



Standard BSP Dixon™ Type B

Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPB050A	8.02	NGB050A	11.45
20	100	125	70	PPB075A	8.02	NGB075A	12.19
25	100	125	70	PPB100A	9.83	NGB100A	11.51
32	100	125	70	PPB125A	14.61	NGB125A	24.83
40	100	125	70	PPB150A	16.59	NGB150A	27.13
50	100	125	70	PPB200A	18.66	NGB200A	32.93
75	70	90	50	PPB300A	28.31	NGB300A	25.44
100	70	90	50	PPB400A	46.07	NGB400A	60.46

Price Group: CG AL08 **Price Group: CG** AL09



Standard BSP Dixon™ Type C

Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPC050A	8.29	NGC050A	8.80
20	100	125	70	PPC075A	8.29	NGC075A	10.06
25	100	125	70	PPC100A	10.01	NGC100A	13.47
32	100	125	70	PPC125A	15.33	NGC125A	23.28
40	100	125	70	PPC150A	17.04	NGC150A	21.14
50	100	125	70	PPC200A	19.65	NGC200A	34.09
75	70	90	50	PPC300A	31.19	NGC300A	37.95
100	70	90	50	PPC400A	55.62	NGC400A	61.25

Price Group: CG AL08 **Price Group: CG** AL09



Standard BSP Dixon™ Type D

Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPD050A	9.74	NGD050A	18.60
20	100	125	70	PPD075A	9.74	NGD075A	12.93
25	100	125	70	PPD100A	10.82	NGD100A	8.59
32	100	125	70	PPD125A	17.04	NGD125A	23.28
40	100	125	70	PPD150A	17.85	NGD150A	26.28
50	100	125	70	PPD200A	19.92	NGD200A	37.42
75	70	90	50	PPD300A	30.02	NGD300A	28.25
100	70	90	50	PPD400A	48.77	NGD400A	61.76

NPT also available.

Price Group: CG AL08 **Price Group: CG** AL09



- The coupler and adaptor portions of the 15mm size use the 20mm standard body size.
- Polypropylene and Nyglass cam & groove should not be mixed with aluminium fittings.

For technical, application and material guidelines, please refer to page 82

B

Dixon™ Type E



Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPE050A	1.89	NGE050A	3.86
20	100	125	70	PPE075A	1.89	NGE075A	3.28
25	100	125	70	PPE100A	2.43	NGE100A	4.70
32	100	125	70	PPE125A	3.61	NGE125A	6.49
40	100	125	70	PPE150A	4.96	NGE150A	8.01
50	100	125	70	PPE200A	6.58	NGE200A	13.37
75	70	90	50	PPE300A	11.63	NGE300A	11.20
100	70	90	50	PPE400A	22.00	NGE400A	31.82

Price Group: CG AL08 **Price Group: CG** AL09

Standard BSP Dixon™ Type F



Size (mm)	Max WP* (PSI) @ Temp			Polypropylene		Nyglass	
	-18	21	65	Part No.	Price $	Part No.	Price $
15	100	125	70	PPF050A	2.07	NGF050A	3.77
20	100	125	70	PPF075A	2.07	NGF075A	3.48
25	100	125	70	PPF100A	2.43	NGF100A	4.35
32	100	125	70	PPF125A	3.70	NGF125A	5.91
40	100	125	70	PPF150A	4.78	NGF150A	7.50
50	100	125	70	PPF200A	6.31	NGF200A	9.04
75	70	90	50	PPF300A	14.24	NGF300A	16.46
100	70	90	50	PPF400A	25.87	NGF400A	38.40

Price Group: CG AL08 **Price Group: CG** AL09

Dixon™ Type DC



Size (mm)	Polypropylene		Nyglass	
	Part No.	Price $	Part No.	Price $
20	PPH075A	7.84	NGH075A	12.35
25	PPH100A	9.56	NGH100A	17.78
32	PPH125A	14.43	NGH125A	22.54
40	PPH150A	15.78	NGH150A	22.63
50	PPH200A	17.40	NGH200A	22.03
75	PPH300A	25.33	NGH300A	40.11
100	PPH400A	44.73	NGH400A	52.52

Price Group: CG AL08 **Price Group: CG** AL09

Dixon™ Type DP



Size (mm)	Polypropylene		Nyglass	
	Part No.	Price $	Part No.	Price $
20	PPP075A	1.62	NGP075A	3.49
25	PPP100A	1.89	NGP100A	3.10
32	PPP125A	2.61	NGP125A	4.23
40	PPP150A	3.88	NGP150A	5.92
50	PPP200A	5.95	NGP200A	9.78
75	PPP300A	7.75	NGP300A	15.48
100	PPP400A	30.79	NGP400A	24.67

NPT also available.

Price Group: CG AL08 **Price Group: CG** AL09

- The coupler and adaptor portions of the 15mm size use the 20mm standard body size.
- Polypropylene and Nyglass cam & groove should not be mixed with aluminium fittings.
- Dust Caps & Plugs are **NOT** to be used in pressure applications, for safety & applications

For technical, application and material guidelines, please refer to page 82

Hastelloy® Adaptors

Size (mm)	Hastelloy® CW12MW Type A	
	Part No.	Price $
25	100-A-HA	550.32
40	150-A-HA	690.57
50	200-A-HA	857.32
75	300-A-HA	1246.67

Price Group: CG
AL16



Type A
female NPT x male adaptor

Size (mm)	Hastelloy® CW12MW Type F	
	Part No.	Price $
25	100-F-HA	506.93
40	150-F-HA	984.00
50	200-F-HA	1315.88
75	300-F-HA	2207.54

Price Group: CG
AL16



Type F
male NPT x male adaptor

Size (mm)	Hastelloy® CW12MW Type E	
	Part No.	Price $
25	100-E-HA	529.68
40	150-E-HA	526.42
50	200-E-HA	996.13
75	300-E-HA	2845.72

Price Group: CG
AL16



Type E
male adaptor x hose shank

Hastelloy® Couplers

Features:	• Couplers supplied with FKM gaskets • 316 stainless steel cam arms • 302 stainless steel pins • Yellow zinc plated 12 gauge steel wire rings

Size (mm)	Hastelloy® CW12MW Type C	
	Part No.	Price $
25	HAC100EZ	830.23
40	HAC150EZ	1173.36
50	HAC200EZ	1158.08
75	HAC300EZ	2070.73

Price Group: CG
AL16



Type C
female coupler x hose shank

Size (mm)	Hastelloy® CW12MW Type D	
	Part No.	Price $
25	HAD100EZ	1000.79
40	HAD150EZ	1244.73
50	HAD200EZ	1225.54
75	HAD300EZ	1411.36

Price Group: CG
AL16



Type D
female coupler x female NPT

Size (mm)	Hastelloy® CW12MW Type B	
	Part No.	Price $
25	HAB100EZ	910.55
40	HAB150EZ	1128.59
50	HAB200EZ	1119.92
75	HAB300EZ	1365.41

Price Group: CG
AL16



Type B
female coupler x male NPT

B

Vent-Lock™ (Safety Cam and Groove) Couplings


Type A


Type C


Type E


Type DC


Type DP

Application:	• Transfer of fluids and solids with a safer disconnection
Features:	• Safety release cam and groove couplings permit the release of static pressure when disconnecting hose assemblies • Venting system protects operator from being sprayed with hazardous or non-hazardous fluids or solids • Rated to 250 PSI, recommendation based on the use of mating Dixon™ L-style fittings at ambient temperature (21°C) with standard Buna-N seal installed, for use at elevated temperature or other unusual operating conditions, consult Dixon™ • Safety orange powder coated cam arms • Does not interchange with standard
Material:	• 316 stainless steel • Consult Dixon™ for availability of other materials
Attachment	• Ferrules, sleeves, bands, and other reliable options

316 Stainless Steel

Size (inch)	Type A		Type C [1]		Type E		Type DC [1]		Type DP	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	L100-A-SS	52.98	L100-C-SS	141.20	L100-E-SS	84.16	L100-DC-SS	111.67	L100-DP-SS	57.44
1½	L150-A-SS	92.74	L150-C-SS	255.89	L150-E-SS	137.65	L150-DC-SS	166.83	L150-DP-SS	94.36
2	L200-A-SS	121.56	L200-C-SS	202.26	L200-E-SS	138.20	L200-DC-SS	193.08	L200-DP-SS	107.31
3	L300-A-SS	194.66	---	---	L300-E-SS	339.55	---	---	L300-DP-SS	193.94

Price Group: SD
AL15

[1] new Vent-Lock™ inventory will feature safety orange powder coated cam arms. Refer to crimp ferrules on pages 190-193.

Vent-Lock™ Safety EZ Boss-Lock™ Cam and Groove Couplings


Type C


Type D


Type H

316 Stainless Steel

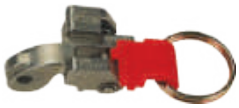
Size (inch)	Type C		Type D		Type H	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	RLC100EZ	225.66	RLD100EZ	177.60	RLH100EZ	158.89
1½	RLC150EZ	234.58	RLD150EZ	207.00	RLH150EZ	388.24
2	RLC200EZ	381.42	RLD200EZ	256.30	RLH200EZ	312.52
3	RLC300EZ [1]	522.41	---	---	RLH300EZ	589.89

[1] hose drop shank

Price Group: SD
AL15

Vent-Lock™ Safety Accessories


Dixon™


EZ Boss-Lock™

316 Stainless Steel

Size (inch)	Dixon™ handle / ring / pin		EZ Boss-Lock™ handle / ring / pin	
	Part No.	Price $	Part No.	Price $
1	L100-HSCRP-SI	39.88	LRHEZ175	44.84
1½	L200-HSCRP-SI	44.11	LRHEZ152	46.05
2	---	---	LRHEZ34	49.43

Price Group: SD
AD15

King Crimp™ EZ Boss-Lock™ Domestic Cam & Groove Type C

Features:	Couplers are supplied standard with a Buna-N gasket. Other gasket types are available, refer to pages 106-107.



Female Coupler x Hose Shank		
Hose ID (inch)	**316 Stainless Steel Part No.**	**Price $**
1	RC100EZCR	158.16
1½	RC150EZCR	205.25
2	RC200EZCR	312.39
3	RC300EZCR	304.02
4	RC400EZCR	583.31
6	RC600EZCR	949.50

Price Group: SD

AL03

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fittings not specifically designed for their use. Refer to pages 107 & 118 for further specifications.

Cam & Groove Type C

Features:	• All couplers are supplied with safety clips. • Couplers are supplied standard with a Buna-N gasket. Other gasket types are available, refer to pages 106-107.



Female Coupler x Hose Shank						
Hose ID (inch)	**A380 Permanent Mould Aluminium**		**ASTMC 3800 Forged Brass**		**316 Investment Cast Stainless Steel**	
	Part No.	**Price $**	**Part No.**	**Price $**	**Part No.**	**Price $**
1	G100-C-ALCR	21.16	G100-C-BRCR	52.47	G100-C-SSCR	53.65
1½	G150-C-ALCR	36.42	G150-C-BRCR	79.43	G150-C-SSCR	94.65
2	G200-C-ALCR	31.93	G200-C-BRCR	86.94	G200-C-SSCR	138.10
3	G300-C-ALCR	57.33	G300-C-BRCR	115.41	G300-C-SSCR	189.95
4	G400-C-ALCR	74.00	G400-C-BRCR	227.05	G400-C-SSCR	326.08
6	G600-C-ALCR	266.13	-	-	G600-C-SSCR	836.17

Price Group: SD

AL15

Cam & Groove Type E



Male Adaptor x Hose Shank						
Hose ID (inch)	**A380 Permanent Mould Aluminium**		**ASTMC 3800 Forged Brass**		**316 Investment Cast Stainless Steel**	
	Part No.	**Price $**	**Part No.**	**Price $**	**Part No.**	**Price $**
1	G100-E-ALCR	12.56	G100-E-BRCR	38.60	G100-E-SSCR	54.84
1½	G150-E-ALCR	21.42	G150-E-BRCR	77.89	G150-E-SSCR	100.98
2	G200-E-ALCR	20.41	G200-E-BRCR	74.13	G200-E-SSCR	124.70
3	G300-E-ALCR	28.63	G300-E-BRCR	96.71	G300-E-SSCR	186.57
4	G400-E-ALCR	58.84	G400-E-BRCR	288.87	G400-E-SSCR	232.43
6	G600-E-ALCR	218.84	G600-E-BRCR	340.83	G600-E-SSCR	835.85

Price Group: SD

AL15

- Refer to crimp sleeves and ferrules on pages 190-193.

Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

Conduct-A-Boss Scroll Tail Camlock Series

B



Coupler x Hose Shank with Ferrule (Type C)

Hose ID (inch)	Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	STC040AL [1]	86.22	STC040SS [2]	153.43
2	STC050AL [1]	108.61	STC050SS [2]	217.21
2½	STC065AL [1]	101.24	STC065SS [2]	252.27
3	STC080AL [1]	98.48	STC080SS [2]	371.81
4	STC100AL [1]	243.31	STC100SS [2]	801.82

[1] complete with AL ferrule
[2] complete with SS ferrule

Price Group: SD
AS02



Adaptor x Hose Shank with Ferrule (Type E)

Hose ID (inch)	Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	STE040AL [1]	51.70	STE040SS [2]	182.11
2	STE050AL [1]	60.69	STE050SS [2]	206.40
2½	STE065AL [1]	77.55	STE065SS [2]	342.06
3	STE080AL [1]	77.91	STE080SS [2]	342.06
4	STE100AL [1]	94.44	STE100SS [2]	476.99

[1] complete with AL ferrule
[2] complete with SS ferrule

Price Group: SD
BB06



Conductive Aluminum Coupler x Hose Shank

Hose ID (inch)	Coupler x Hose Shank (Type C)		Adaptor x Hose Shank (Type E)		Coupler x 68° (Type C) Hose Shank	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
3	STC300AL	171.59	STE300AL	165.53	STC30068AL	283.39
4	STC400AL	306.63	STE400AL	133.97	STC40068AL	271.58

Price Group: SD
BB06



Crimp Ferrules

Hose ID (inch)	Aluminum		Carbon Steel		Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	-	-	STF025CS	15.42	STF025SS	40.26
1¼	-	-	STF032CS	18.63	STF032SS	45.30
1½	STF040AL	21.72	STF040CS	18.90	STF040SS	54.72
2	STF050AL	20.19	STF050CS	24.44	STF050SS	55.47
2½	STF065AL	32.59	STF065CS	32.26	STF065SS	55.84
3	STF080AL	41.54	STF080CS	36.72	STF080SS	67.40
4	STF100AL	83.75	STF100CS	65.16	STF100SS	121.18
6	-	-	STF150CS	418.14	STF150SS	852.92
8	-	-	STF200CS	597.34	STF200SS	1364.69

Price Group: SD
BB06



Crimp Cup Seals

Hose ID (inch)	Buna N		FKM	
	Part No.	Price $	Part No.	Price $
1½	GKCH150NBR	7.26	GKCH150V	75.32
2	GKCH200NBR	7.26	GKCH200V	75.32
2½	GKCH250NBR	15.41	GKCH250V	83.25
3	GKCH300NBR	15.41	GKCH300V	102.21
4	GKCH400NBR	20.85	GKCH400V	140.75
6	GKCH600NBR	64.21	-	-
8	GKCH800NBR	82.06	-	-

Price Group: SD
BB06

Conduct-A-Boss Scroll Tail Camlock Series

Vapour Recovery Coupler Camlock		
Hose ID (inch)	Aluminum	
	Part No.	Price $
4	VRST400	501.46



Price Group: SD
AS02

Male BSP - Scroll Tail Crimp Stems with Ferrule						
Hose ID (inch)	Aluminum		Carbon Steel		Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	STM025AL	44.09	-	-	STM025SS	171.48
1¼	STM032AL	60.56	-	-	STM032SS	POR
1½	STM040AL	54.30	-	-	STM040SS	262.49
2	STM050AL	63.91	STM050CS	157.47	STM050SS	272.28
2½	STM065AL	83.08	STM065CS	POR	STM065SS	385.07
3	STM080AL	73.01	STM080CS	155.96	STM080SS	381.19
4	STM100AL	119.95	STM100CS	222.85	STM100SS	730.17



Price Group: SD
BB06

Male NPT - Scroll Tail Crimp Stems with Ferrule						
Hose ID (inch)	Aluminum		Carbon Steel		Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	STM025ALNPT	POR	-	-	STM025SSNPT	POR
1¼	STM032ALNPT	POR	-	-	STM032SSNPT	POR
1½	STM040ALNPT	POR	-	-	STM040SSNPT	POR
2	STM050ALNPT	POR	STM050CSNPT	POR	STM050SSNPT	297.16
2½	STM065ALNPT	POR	STM065CSNPT	POR	STM065SSNPT	POR
3	STM080ALNPT	POR	STM080CSNPT	POR	STM080SSNPT	429.85
4	STM100ALNPT	POR	STM100CSNPT	355.23	STM100SSNPT	POR
6	-	-	STM150CSNPT	892.59	-	-



Price Group: SD
BB06

Buttweld - Scroll Tail Crimp Stems (Ferrule Separate)		
Hose ID (inch)	Carbon Steel	
	Part No.	Price $
6	STWO150CS	802.03
8	STWO200CS	1806.34

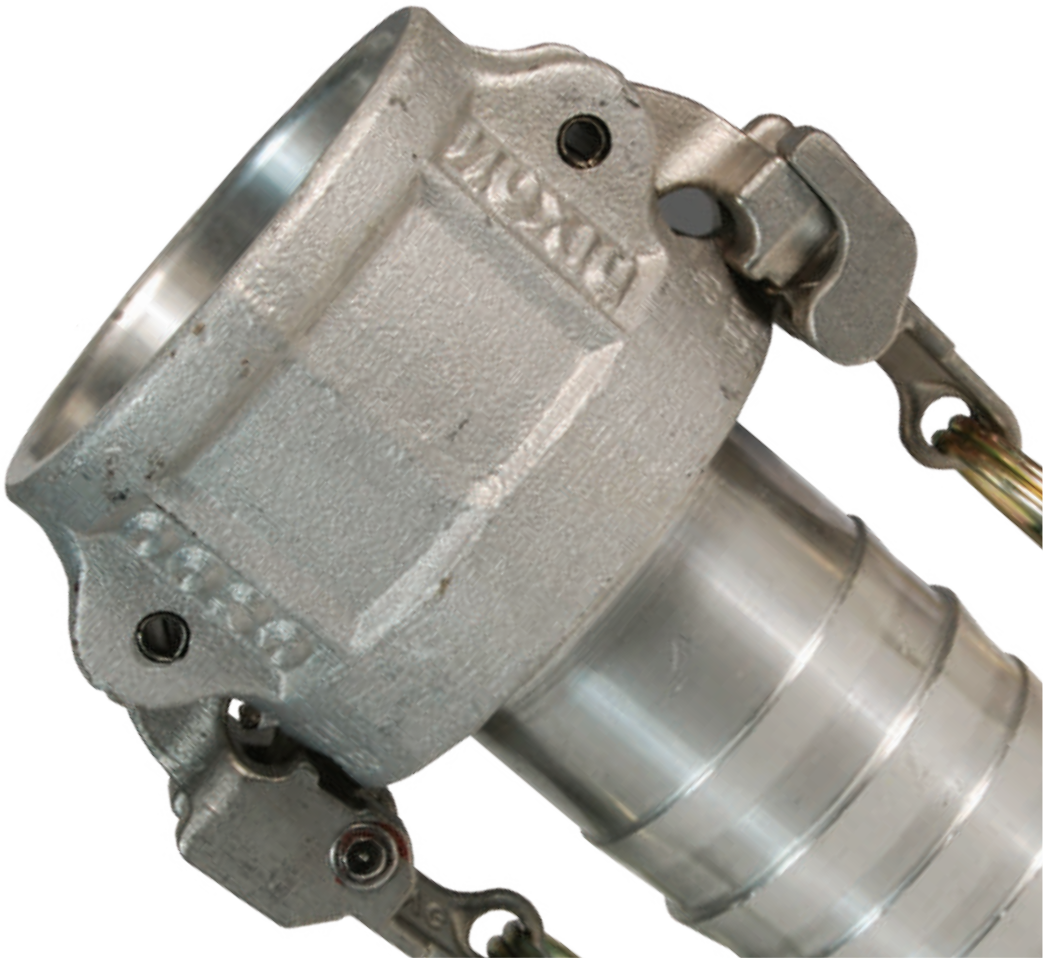


Price Group: SD
BB06

B

Unlike other safety couplings the EZ Boss-Lock™...

- no more fumbling with clamps, wire, clips or pins, just close the handles and the locking mechanism is engaged
- extremely easy to open, the release lever is under your thumb when you want to open the fitting, ergonomic
- resistant to accidental disconnection when being dragged; the release lever opens in the direction opposite to the cam arm, so movements that can open the release lever also can close the cam arm
- if the rotating lever is not flush with the handle, it is not properly engaged
- no sliding pins to jam or pop open
- rotating action helps keep the locking device free of debris
- rugged design protects critical parts from impact
- can be supplied with custom shanks, also available with swaged and PF shanks for hard to couple chemical hoses
- assemblies are investment cast stainless steel with plated carbon steel pull rings
- small OD makes it easy to insert into the hose tubes on tank trucks and to use in restricted spaces
- assemblies can be retrofitted onto undamaged stainless steel Boss-Lock™ allowing you to protect your investment in stainless steel Boss-Lock™ couplings while you upgrade
- EZ Boss-Lock™ investment stainless steel cam arms are guaranteed! Should you break one, return it to the nearest warehouse for a free replacement.



EZ Boss-Lock™ Dixon™ Type B

Female Coupler x Male Thread								
Size (mm)	Max WP* PSI	Stainless Steel BSP		Stainless Steel NPT		Aluminium NPT		Brass NPT	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	RB050EZA	207.84	RB050EZ	175.89	-	-	-	-
20	250	RB075EZA	133.90	RB075EZ	100.86	-	-	BB075EZ	105.13
25	250	RB100EZA	136.21	RB100EZ	151.75	-	-	BB100EZ	103.95
32	250	RB125EZA	245.51	RB125EZ	235.72	-	-	-	-
40	250	RB150EZA	249.68	RB150EZ	180.51	AB150EZ	107.20	BB150EZ	210.23
50	250	RB200EZA	358.76	RB200EZ	161.90	AB200EZ	111.23	BB200EZ	272.03
75	125	RB300EZA	522.82	RB300EZ	305.45	AB300EZ	162.66	BB300EZ	368.41
100	100	RB400EZA	825.67	RB400EZ	450.31	AB400EZ	202.50	BB400EZ	620.64
150	75	RB600EZA	1058.33	RB600EZ	922.84	-	-	-	-



Price Group: SD

AL03

EZ Boss-Lock™ Dixon™ Type C

Female Coupler x Hose Tail							
Size (mm)	Max WP* PSI	Stainless Steel		Aluminium		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	RC050EZ	169.56	-	-	-	-
20	250	RC075EZ	114.06	-	-	BC075EZ	107.59
25	250	RC100CEZ	150.16	AC100EZ	103.13	BC100EZ	182.10
32	250	RC125EZ	261.69	-	-	-	-
40	250	RC150EZ	241.07	AC150EZ	160.15	BC150EZ	196.62
50	250	RC200EZ	285.30	AC200EZ	152.54	BC200EZ	236.45
65	150	-	-	AC250EZ	120.27	-	-
75	125	RC300EZ	401.10	AC300EZ	113.96	BC300EZ	370.65
100	100	RC400EZ	549.27	AC400EZ	280.31	BC400EZ	562.86
150	75	RC600EZ	926.35	AC600EZ	521.71	-	-



Price Group: SD

AL03

EZ Boss-Lock™ Dixon™ Type D

Female Coupler x Female Thread									
Size (mm)	Max WP* PSI	Stainless Steel BSP		Stainless Steel NPT		Aluminium NPT		Brass NPT	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	150	RD050EZA	200.09	RD050EZ	208.70	-	-	-	-
20	250	RD075EZA	146.28	RD075EZ	91.51	-	-	BD075EZ	92.30
25	250	RD100EZA	176.84	RD100EZ	128.08	AD100EZ	75.92	BD100EZ	116.77
32	250	RD125EZA	294.93	RD125EZ	218.29	-	-	BD125EZ	181.30
40	250	RD150EZA	248.00	RD150EZ	180.92	AD150EZ	102.10	BD150EZ	169.78
50	250	RD200EZA	283.59	RD200EZ	213.15	AD200EZ	114.16	BD200EZ	188.26
65	150	-		-	-	AD250EZ	143.30	BD250EZ	318.60
75	125	RD300EZA	289.03	RD300EZ	434.02	AD300EZ	134.20	BD300EZ	303.82
100	100	RD400EZA	398.92	RD400EZ	487.84	AD400EZ	157.94	BD400EZ	429.90
125	75	-	-	-	-	AD500EZ	489.24	-	-
150	75	-	-	RD600EZ	923.45	AD600EZ	463.93	-	-



Price Group: SD

AL03

EZ Boss-Lock Dixon™ Type DC

Dust Cap						
Size (mm)	Stainless Steel		Aluminium		Brass	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
20	RH075EZ	186.75	-	-	-	-
25	RH100EZ	132.63	-	-	-	-
32	RH125EZ	215.70	-	-	-	-
40	RH150EZ	167.66	AH150EZ	119.50	-	-
50	RH200EZ	337.31	AH200EZ	110.89	BH200EZ	228.47
65	-	-	AH250EZ	150.97	-	-
75	RH300EZ	282.06	AH300EZ	123.59	-	-
100	RH400EZ	429.42	AH400EZ	207.95	-	-
150	RH600EZ	544.32	AH600EZ	380.08	-	-



Price Group: SD

Plated/Unplated malleable iron, hastelloy and aluminium hard coat are available on request

AL03

Note: ½" & ¾" have same ¾" body, only the thread changes.

- Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically produced for their use.
- Dust Caps & Dust Plugs are **NOT** to be used in pressure applications for safety and environmental reasons.

For technical, application and material guidelines, please refer to page 82

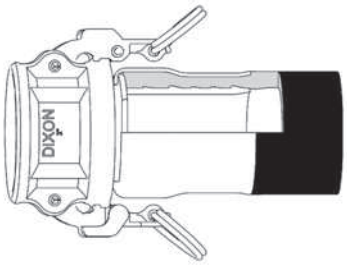
B

EZ Boss-Lock™ Notched Type C

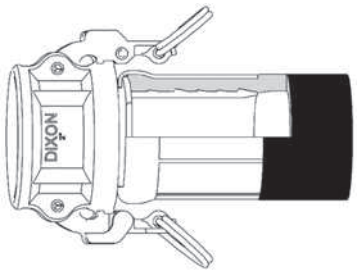
The largest advantage of the Notched EZ Boss-Lock™ design is that the coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting. After inspection to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule.



Coupler x Hose Shank



Swaged Assembly



Crimped Assembly



Ferrule

Coupler x Hose Shank						
Size (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Stainless Steel Part No.	Price $	Stainless Steel Notched Ferrule Part No.	Price $
40	49.21	55.56	RC150EZNO	242.07	GAS2334NO	66.47
40	52.39	59.53	RC150EZNO	242.07	GAS2370NO	81.81
50	62.71	68.26	RC200EZNO	222.27	GAS2709NO	56.25
50	67.47	72.23	RC200EZNO	222.27	GAS2885NO	224.97
75	88.11	94.46	RC300EZNO	295.93	GAS3760NO	86.93
75	94.85	97.63	RC300EZNO	295.93	GAS3885NO	86.93
100	117.48	120.25	RC400EZNO	387.58	GAS5010NO	197.01

Price Group: SD
AL03

Price Group: SD
AU03

EZ Boss-Lock™ Notched Type E



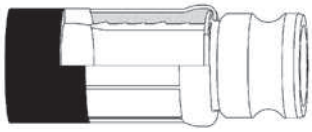
Adaptor x Hose Shank



Ferrule



Swaged Assembly



Crimped Assembly

Adaptor x Hose Shank						
Size (mm)	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Stainless Steel Part No.	Price $	Stainless Steel Notched Ferrule Part No.	Price $
40	49.21	55.56	RE150EZNO	89.67	GAS2334NO	66.47
40	52.39	59.53	RE150EZNO	89.67	GAS2370NO	81.81
50	62.71	68.26	RE200EZNO	98.35	GAS2709NO	56.25
50	67.47	72.23	RE200EZNO	98.35	GAS2885NO	224.97
75	88.11	94.46	RE300EZNO	267.19	GAS3760NO	86.93
75	94.85	97.63	RE300EZNO	267.19	GAS3885NO	86.93
100	117.48	120.25	RE400EZNO	449.73	GAS5010NO	197.01

Price Group: SD
AL03

Price Group: SD
AU03

- The Notched EZ Boss-Lock™ system allows you to better manage your inventories. You can stock one coupling and two ferrules, and thereby cover the same hose range with less inventory. *You must purchase a fitting and the matching ferrule to create an assembly.*
- *Dixon™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.*
- Contact Dixon™ for swage and crimp recommendations.

For technical, application and material guidelines, please refer to page 82

B

External Notched Stems & Ferrules

This stem can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting. After inspection to determine its suitability for reuse, it can be reinstalled into another hose by using a new ferrule. You can now stock one nipple and two ferrules, and thereby cover the same hose range with less inventory. 316 Stainless Steel Stem with wrench flat, 304 Stainless Steel Ferrule. You must purchase a fitting and the matching ferrule to create an assembly. Can be swaged-on or crimped-on; consult Dixon™ for specifications.

- For hose OD of 52.4 and below, these couplings are crimp only
- For hose OD of 52.8 and above, these couplings can be crimped or swaged



Male NPT x Notched Shank

Hose ID (mm)	Hose OD (mm)		Ferrule		Stem	
	From:	To:	Part No.	Price $	Part No.	Price $
40	48.8	54.8	GAS2334NOS	47.65	RST150NOS	81.81
40	51.6	58.7	GAS2370NOS	52.10	RST150NOS	81.81
50	61.9	67.5	GAS2709NOS	40.38	RST200NOS	102.26
50	66.7	71.4	GAS2885NOS	118.43	RST200NOS	102.26
75	86.9	93.3	GAS3760NOS	68.38	RST300NOS	184.07
75	93.7	96.4	GAS3885NOS	80.21	RST300NOS	184.07

Price Group: SD
AL03



Male BSP x Notched Shank

Hose ID (mm)	Hose OD (mm)		Ferrule		Stem	
	From:	To:	Part No.	Price $	Part No.	Price $
40	48.8	54.8	GAS2334NOS	47.65	RST150NOSA	81.81
40	51.6	58.7	GAS2370NOS	52.10	RST150NOSA	81.81
50	61.9	67.5	GAS2709NOS	40.38	RST200NOSA	102.27
50	66.7	71.4	GAS2885NOS	118.43	RST200NOSA	102.27
75	86.9	93.3	GAS3760NOS	68.38	RST300NOSA	184.07
75	93.7	96.4	GAS3885NOS	80.21	RST300NOSA	184.07

Price Group: SD
AL03

Price Group: SD
AU03

EZ Boss-Lock™ Swaged Type C

Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes. Swaged Boss-Lock™ provides you with a permanently attached Cam and Groove fitting when superior coupling retention is required.
In testing tank transport hoses from a wide variety of manufacturers, the Swaged Boss-Lock™ fitting proved itself to be the clear winner in overall performance. Fittings are also available on special order for other sizes or hose OD's. Consult Dixon™ for pricing and availability.



Coupler x Hose Shank with Ferrule

Size (mm)	Stainless Steel Part No.	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Price $
20	RC075EZ-70	27.78	39.69	185.63
25	RC100EZ-70	34.13	42.86	194.13

Price Group: SD
AL03

EZ Boss-Lock™ Swaged Type E



Adaptor x Hose Shank with Ferrule

Size (mm)	Stainless Steel Part No.	Minimum Hose OD (mm)	Maximum Hose OD (mm)	Price $
20	RE075-1370	27.78	34.13	126.16
25	RE100-1620	36.91	39.29	139.92
25	RE100-1770	39.69	42.86	108.72

Price Group: SD
AL03

For technical, application and material guidelines, please refer to page 82

B

EZLink™ Armless Cam and Groove

Application:	• transfer and/or unloading of fuels (gasoline or diesel) from tank truck to storage tanks • transfer of liquids compatible with the available coupling and gasket materials
Features:	• automatic couplers push-to-connect providing a reliable connection • low profile allows easy connection and disconnection in tight applications • coupler push tabs can be locked with safety pins and/or zip tie • compatible with standard cam and groove adapters • lifetime warranty on stainless steel tabs
Materials:	• couplings and dust caps: A356 aluminum, 316 stainless steel • coupler tabs and springs: 316 stainless steel • gasket: Buna-N
Specifications:	• maximum working pressure with King Crimp™ ferrules: 250 PSI (2"), 150 PSI (3" and 4") • maximum working pressure with crimp sleeves: 2" 250 PSI, 3" 125 PSI, 4" 110 PSI • maximum working pressure with band clamps: 2" 250 PSI, 3" 125 PSI, 4" 100 PSI • gasket temperature range: -15°C to 82°C

NEW



Coupler x Male NPT (Type B)

Size (inch)	A356 Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	EZL150-B-AL	97.60	EZL150-B-SS	139.20
2	EZL200-B-AL	91.71	EZL200-B-SS	POR
3	EZL300-B-AL	116.33	EZL300-B-SS	POR
4	EZL400-B-AL	187.60	---	---

Price Group: SD
AL18



Coupler x King Crimp™ Hose Shank (Type C)

Size (inch)	A356 Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	EZL150-C-AL	108.40	EZL150-C-SS	158.50
2	EZL200-C-AL	131.44	EZL200-C-SS	POR
3	EZL300-C-AL	118.62	EZL300-C-SS	POR
4	EZL400-C-AL	203.12	---	---

Price Group: SD
AL18



Coupler x Female NPT (Type D)

Size (inch)	A356 Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	EZL150-D-AL	98.50	EZL150-D-SS	147.60
2	EZL200-D-AL	122.99	EZL200-D-SS	POR
3	EZL300-D-AL	120.54	EZL300-D-SS	POR
4	EZL400-D-AL	190.39	---	---

Price Group: SD
AL18



Dust Caps (Type DC)

Size (inch)	A356 Aluminium		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1½	EZL150-DC-AL	106.50	EZL150-DC-SS	126.20
2	EZL200-DC-AL	113.44	EZL200-DC-SS	POR
3	EZL300-DC-AL	110.09	EZL300-DC-SS	POR
4	EZL400-DC-AL	159.16	---	---

Price Group: SD
AL18

Only use EZLink™ gaskets and tabs for this coupling system. Traditional cam & groove handles and gaskets, or other types of seals are not compatible and will fail.

B

EZLink™ Armless Cam and Groove Replacement Parts and Kits



Replacement Kits			
Size (inch)	Kit Contains	Part No.	Price $
2	2 pins, 2 springs and 2 tabs	EZL200RPLKIT	18.77
3 and 4	2 pins, 2 springs and 2 tabs	EZL300RPLKIT	23.77

Price Group: SD
AL18



Replacement Gaskets						
Size (inch)	Buna-N		Fluorosilicone		FKM	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1½	EZL150-G-BU	8.90	EZL150-G-FV	68.80	EZL150-G-VI	132.75
2	EZL200-G-BU	8.80	EZL200-G-FV	112.90	EZL200-G-VI	182.90
3	EZL300-G-BU	11.20	EZL300-G-FV	139.90	EZL300-G-VI	259.30
4	EZL400-G-BU	14.00	EZL400-G-FV	181.10	EZL400-G-VI	562.30

Price Group: SD
AL18



Feature: • clip is optional

Safety Clip	
Plated Carbon Steel Part No.	Price $
EZLCL400	0.50

Price Group: SD
AL18

Flanged Adaptors & Couplers



Adaptor x Table D/E Flange							
Size (mm)	Max WP (PSI)	Aluminium (Flange Undrilled)		Brass (Flange Undrilled)		Stainless Steel (Flange Drilled)	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
25	250	-	-	-	-	100-LA-SS	334.72
40	250	-	-	150-LA-BR	202.00	150-LA-SS	247.79
50	250	200-LA-AL	87.99	200-LA-BR	326.05	200-LA-SS	280.72
75	125	300-LA-AL	147.31	300-LA-BR	659.15	300-LA-SS	366.33
100	100	400-LA-AL	280.05	400-LA-BR	1000.80	400-LA-SS	643.43
150	75	600-LA-AL	340.40	600-LA-BR	1778.27	600-LA-SS	869.17

Price Group: SD
AL10



Coupler x Table D/E Flange					
Size (mm)	Max WP (PSI)	Aluminium (Flange Undrilled)		Stainless Steel (Flange Drilled)	
		Part No.	Price $	Part No.	Price $
25	250	-	-	100-LD-SS	334.26
40	250	-	-	150-LD-SS	387.88
50	250	200-LD-AL	112.11	200-LD-SS	461.54
75	125	300-LD-AL	141.99	300-LD-SS	859.94
100	100	400-LD-AL	320.62	400-LD-SS	1157.82
150	75	600-LD-AL	299.07	600-LD-SS	1542.48

Price Group: SD
AL10



Bend 68° Camlocks					
Size (mm)	Max WP (PSI)	Aluminium		Brass	
		Part No.	Price $	Part No.	Price $
50	250	20-C68-AL	69.94	---	---
65	150	25-C68-AL	75.71	25-C68-BR	279.85
75	125	30-C68-AL	99.71	30-C68-BR	402.79
100	100	40-C68-AL	133.70	40-C68-BR	786.90

Price Group: SD
AL10

NOTE: Subject to availability, some parts may be supplied as fabricated items.

Refer to Safety, Technical & Engineering section for flange drilling standards

Reducing Adaptors & Couplers

B



Reducing Adaptor x Female BSP Type A					
Size mm Adaptor & BSP	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
50 x 40	250	2015-A-ALA	82.75	2015-A-SSA	376.01
50 x 75	125	2030-A-ALA	120.00	2030-A-SSA	422.30
75 x 50	125	3020-A-ALA	53.51	3020-A-SSA	676.97
75 x 100	100	3040-A-ALA	179.45	3040-A-SSA	997.61
100 x 75	100	4030-A-ALA	138.28	4030-A-SSA	1201.27
100 x 150	75	4060-A-ALA	110.08	4060-A-SSA	2791.25
150 x 100	75	-	-	6040-A-SSA	1656.93

Price Group: SD

AL10



Reducing Coupler x Male BSP Type B					
Size mm Coupler & BSP	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
40 x 25	250	1510-B-ALA	53.57	1510-B-SSA	828.49
50 x 40	250	2015-B-ALA	45.89	2015-B-SSA	723.22
50 x 75	250	2030-B-ALA	230.35	2030-B-SSA	573.24
75 x 50	125	3020-B-ALA	86.36	3020-B-SSA	660.09
75 x 100	125	3040-B-ALA	227.44	3040-B-SSA	1030.77
100 x 75	100	4030-B-ALA	290.03	4030-B-SSA	897.16

Price Group: SD

AL10



Reducing Coupler x Hose Tail Type C					
Size (mm) Coupler & Tail	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
50 x 40	250	2015-C-AL	35.19	2015-C-SS	360.32
75 x 50	125	3020-C-AL	96.76	3020-C-SS	259.17
75 x 100	125	3040-C-AL	131.58	3040-C-SS	916.92
100 x 75	100	4030-C-AL	153.69	4030-C-SS	823.65
125 x 100	75	5040-C-AL	646.19	-	-

Price Group: SD

AL10



Reducing Coupler x Female BSP Type D					
Size (mm) Coupler & BSP	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
40 x 25	250	1510-D-ALA	40.64	1510-D-SSA	475.12
50 x 40	250	2015-D-ALA	54.14	2015-D-SSA	391.75
75 x 50	125	3020-D-ALA	206.86	3020-D-SSA	347.39
100 x 75	100	4030-D-ALA	258.48	4030-D-SSA	880.10

Price Group: SD

AL10

NOTE: If a coupling is a reducing size, the coupler or adaptor is the first size (ie, a 4030-C-AL is a 100mm coupler to a 75mm hose tail).

- NPT Threaded Available

For technical, application and material guidelines, please refer to page 82

Reducing Adaptors & Couplers

Reducing Adaptor x Hose Tail Type E					
Size (mm) Adaptor & Tail	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
50 x 40	250	2015-E-AL	30.94	2015-E-SS	347.21
75 x 50	125	3020-E-AL	55.16	3020-E-SS	543.14
100 x 75	100	4030-E-AL	90.25	4030-E-SS	1016.61
125 x 100	75	5040-E-AL	518.29	-	-

Price Group: SD

AL10



Reducing Adaptor x Male BSP Type F					
Size (mm) Adaptor & BSP	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
40 x 50	250	1520-F-ALA	60.37	-	-
50 x 40	250	2015-F-ALA	67.65	2015-F-SSA	649.32
50 x 75	250	2030-F-ALA	26.41	-	-
75 x 40	125	3015-F-ALA	133.99	3015-F-SSA	1065.15
75 x 50	125	3020-F-ALA	62.04	3020-F-SSA	693.58
75 x 100	125	3040-F-ALA	153.96	-	-
100 x 75	100	4030-F-ALA	222.07	4030-F-SSA	445.61

Price Group: SD

AL10



NOTE: If a coupling is a reducing size, the coupler or adaptor is the first size (ie, a 4030-C-AL is a 100mm coupler to a 75mm hose tail).

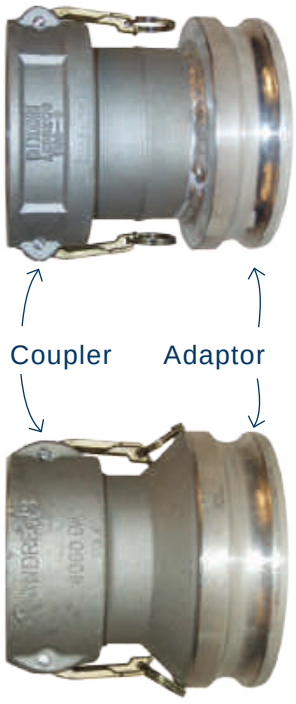
- NPT Threaded Available

Dixon™ Reducing Adaptors & Couplers

Coupler and Adaptor			
Size (mm) Coupler & Adaptor	Max WP (PSI)	Aluminium	
		Part No.	Price $
40 x 25	250	1510-DA-AL	49.83
40 x 50	250	1520-DA-AL	64.19
50 x 40	250	2015-DA-AL	87.19
50 x 75	125	2030-DA-AL	89.63
50 x 100	100	2040-DA-AL	94.20
75 x 40	125	3015-DA-AL	93.75
75 x 50	125	3020-DA-AL	116.61
75 x 100	100	3040-DA-AL	196.15
100 x 50	100	4020-DA-AL	228.63
100 x 75	100	4030-DA-AL	214.48
100 x 150	100	4060-DA-AL	369.61
150 x 75	75	6030-DA-AL	294.65
150 x 100	75	6040-DA-AL	589.34
150 x 125	75	6050-DA-AL	306.59

Price Group: SD

AL10



For technical, application and material guidelines, please refer to page 82

Spool Adaptors

B



Same size both ends

Adaptor



Reducer

Size (mm) Adaptor x Adaptor	Max WP (PSI)	Aluminium		Bronze		Stainless Steel	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
25	250	100-AA-AL	17.04	100-AA-BR	29.01	100-AA-SS	65.35
32	250	125-AA-AL	24.08	125-AA-BR	110.18	125-AA-SS	367.82
40	250	150-AA-AL	49.47	150-AA-BR	131.73	150-AA-SS	83.56
40 x 50	250	1520-AA-AL	64.94	---	---	1520-AA-SS	88.55
50	250	200-AA-AL	40.94	200-AA-BR	135.00	200-AA-SS	140.78
50 x 75	125	2030-AA-AL	42.22	---	---	2030-AA-SS	238.68
65	150	250-AA-AL	52.16	---	---	---	---
65 x 75	125	2530-AA-AL	73.26	---	---	2530-AA-SS	1295.27
65 x 100	100	2540-AA-AL	109.77	---	---	---	---
75	125	300-AA-AL	65.06	300-AA-BR	444.49	300-AA-SS	255.80
75 x 100	100	3040-AA-AL	177.55	-	-	3040-AA-SS	945.69
100	100	400-AA-AL	95.79	400-AA-BR	510.15	400-AA-SS	299.41
100 x 125	75	4050-AA-AL	155.43	---	---	---	---
100 x 150	75	4060-AA-AL	209.78	---	---	4060-AA-SS	1248.78
150	75	600-AA-AL	389.62	---	---	600-AA-SS	1462.82

Price Group: SD

AL10

For technical, application and material guidelines, please refer to page 82

Spool Couplers

Size (mm)	Max WP (PSI)	Aluminium		Stainless Steel	
		Part No.	Price $	Part No.	Price $
50	250	200-DD-AL	119.54	200-DD-SS	268.45
50 x 75	125	2030-DD-AL	170.91	2030-DD-SS	354.05
75	125	300-DD-AL	155.43	300-DD-SS	393.34
75 x 100	100	3040-DD-AL	213.65	-	-
100	100	400-DD-AL	237.53	400-DD-SS	492.88

Price Group: SD

AL10



Lockable Dust Caps

Size (mm) Adaptor x Adaptor	Aluminium		Bronze		Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
50	AL200DC-L	63.99	BR200DC-L	150.85	SS200DC-L	170.64
75	AL300DC-L	102.54	BR300DC-L	192.57	SS300DC-L	231.38
100	AL400DC-L	137.89	BR400DC-L	411.93	-	-
150	AL600DC-L	383.19	-	-	-	-

Price Group: SD

AL04



Dixon® Lockable Dust Caps

Features:	• angled, ergonomic thumb release

Size (inch)	316 Stainless Steel	
	Part No.	Price $
1½	150DC-LSS	195.70
2	200DC-LSS	POR
3	300DC-LSS	POR
4	400DC-LSS	331.60

Price Group: CG

AL04



- Dust Caps and Dust Plugs are **NOT** to be used in pressure applications for safety and environmental reasons.

For technical, application and material guidelines, please refer to page 82

Gaskets

B



Size (mm)	Buna - N		FKM-A		Extra Thick Buna N		Ethylene Propylene	
	Black + 1 Blue Stripe		Black + 1 Yellow Stripe		Black + 2 Blue Stripes		Black + 1 White Stripe	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	50-G-BU	1.72	50-G-VI	6.41	---	---	---	---
20	75-G-BU	1.58	75-G-VI	11.28	---	---	75-G-EPR	1.62
25	100-G-BU	1.98	100-G-VI	12.79	100GTHK	3.12	100-G-EPR	3.56
32	125-G-BU	2.20	125-G-VI	24.90	125GTHK	2.74	---	---
40	150-G-BU	2.23	150-G-VI	18.61	150GTHK	3.16	150-G-EPR	2.52
50	200-G-BU	2.65	200-G-VI	21.97	200GTHK	4.27	200-G-EPR	3.97
65	250-G-BU	3.93	250-G-VI	35.97	250GTHK	8.06	250-G-EPR	5.20
75	300-G-BU	4.15	300-G-VI	37.76	300GTHK	5.86	300-G-EPR	6.56
100	400-G-BU	6.71	400-G-VI	60.83	400GTHK	9.37	400-G-EPR	9.12
125	500-G-BU	11.46	500-G-VI	179.08	---	---	---	---
150	600-G-BU	11.46	600-G-VI	190.68	600GTHK	23.80	---	---
200	800-G-BU	55.92	800-G-VI	146.48	---	---	---	---

Price Group: SD

AL01

Size (mm)	Neoprene*		White Neoprene*		White Buna N		Silicone	
	Black + 1 Red Stripe		White + None		White + 1 Blue Stripe		Red + None	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
20	75-G-NE	3.41	---	---	---	---	---	---
25	100-G-NE	3.10	---	---	---	---	---	---
40	150-G-NE	4.50	150-G-WNE	8.91	---	---	---	---
50	200-G-NE	5.05	200-G-WNE	7.56	---	---	200-G-SIL	13.81
65	250-G-NE	6.94	---	---	---	---	---	---
75	300-G-NE	7.42	300-G-WNE	8.00	300-G-WB	20.52	300-G-SIL	20.15
100	400-G-NE	9.73	400-G-WNE	15.55	400-G-WB	6.24	400-G-SIL	10.90
125	---	---	500-G-WNE	36.07	---	---	---	---
150	---	---	600-G-WNE	62.56	---	---	---	---

Price Group: SD

* Note: White Neoprene and White Buna N gaskets contain all FDA approved materials.

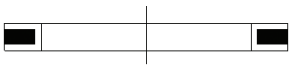
AL01

- Since other manufacturers coding systems vary, this chart should not be used as a reference in identifying gaskets of unknown origin.
- PTFE white Buna filler (TFWB) and PTFE encapsulated silicone (TES) contain all FDA approved materials.
- PTFE accordion gaskets (TFACC) are recommended for use with viscous (thick) fluids only, maximum operating temperature 200°C.
- Encapsulated gasket pressure ratings are reduced to **125PSI** for ½" to 2½" at ambient temperature (**21°C**) when these gaskets are used.
- PTFE encapsulated FKM (TEV) gaskets - maximum operating temperature **93°C**.
- PTFE encapsulated silicone gaskets (TES) gaskets - maximum operating temperature **107°C**.
- Maximum operating temperatures for specific chemicals may be lower. Contact Dixon™ for specific recommendations.
- PTFE encapsulated FKM (TFVI) envelope gaskets - maximum operating temperature **180°C**.
- PTFE white Buna filler (TFWB) envelope gaskets - maximum operating temperature **80°C**.
- PTFE ethylene propylene filler (TFEP) envelope gaskets - maximum operating temperature **170°C**.

PTFE Gaskets

The torque (force) required to close the handles on a pair of cam & groove fittings will vary according to the gasket chosen. Due to the nature of the PTFE material, the various PTFE gasket designs will require the most torque, increasing as you go from envelope to encapsulated and finally, accordion.

Size (mm)	Envelope Gaskets							
	PTFE Buna Filler		PTFE FKM Filler		PTFE White Buna Filler		PTFE Ethylene Propylene Filler	
	White/Black + 1 Blue Stripe		White/Black + 1 Yellow Stripe		White/White + 1 Blue Stripe		White/Black + 1 White Stripe	
	Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
15	50-G-TF	22.64	50-G-TF-VI	29.65	---	---	---	---
20	75-G-TF	13.12	75-G-TF-VI	65.89	---	---	---	---
25	100-G-TF	17.21	100GTFVI	22.09	---	---	---	---
32	125-G-TF	26.77	125GTFVI	51.53	---	---	---	---
40	150-G-TF	23.69	150GTFVI	34.55	---	---	150GTFEP	25.15
50	200-G-TF	26.40	200GTFVI	58.01	200GTFWB	33.44	200GTFEP	29.52
65	250-G-TF	88.33	250GTFVI	140.09	---	---	---	---
75	300-G-TF	39.86	300GTFVI	67.64	300GTFWB	61.65	300GTFEP	45.66
100	---	---	400GTFVI	131.13	400GTFWB	107.40	---	---
125	---	---	---	---	500GTFWB	122.00	---	---
150	600-G-TF	165.28	---	---	---	---	---	---



Price Group: SD

AL01

Size (mm)	Encapsulated Gaskets				Accordian Gaskets	
	PTFE Encapsulated Silicone		PTFE Encapsulated FKM		PTFE Accordian	
	Translucent/Red + None		Translucent/Black + None		White + None	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
20	75-G-TES	93.09	75-G-TEV	124.37	75GTFACC	22.78
25	100-G-TES	85.73	100-G-TEV	117.27	100GTFACC	47.59
32	125-G-TES	106.92	125-G-TEV	168.12	125GTFACC	19.30
40	150-G-TES	85.31	150-G-TEV	142.16	150GTFACC	26.56
50	200-G-TES	112.70	200-G-TEV	149.01	200GTFACC	27.49
65	250-G-TES	120.88	---	---	---	---
75	300-G-TES	161.87	300-G-TEV	242.86	300GTFACC	51.72
100	400-G-TES	249.18	400-G-TEV	344.53	---	---





Price Group: SD

AL01

Fuel Gaskets

Size (inch)	Material	Part No.	Price $
1½"	Buna	150-G-BF	1.90
2"	Buna	200-G-BF	2.50
3"	Buna	300-G-BF	3.00
4"	Buna	400-G-BF	4.30
3"	extra thick Buna-N	300GTHKBF	4.90
4"	extra thick Buna-N	400GTHKBF	6.40



Price Group: CG

AL01

B

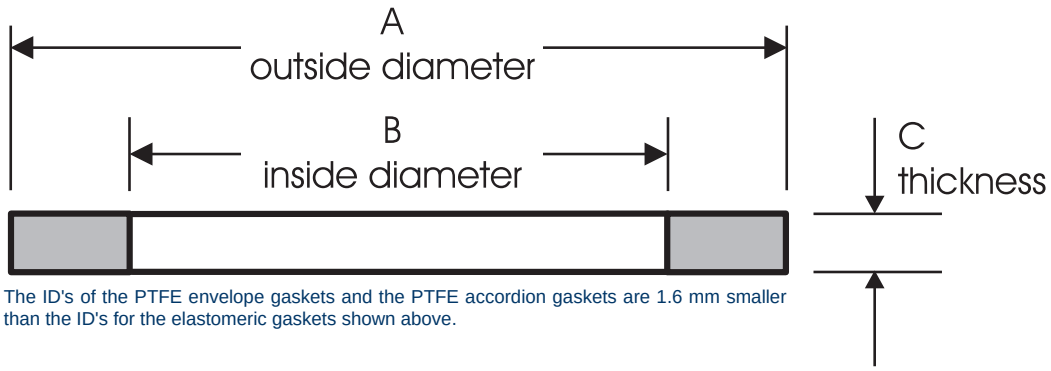
Gaskets Colour Codes

Gasket Code [1]	Material	Color	Color code stripes (appear on the OD of the gasket or filler)
-BU	Buna-N (standard in all metal fittings)	black	1 blue
-BF	Buna (formulated for fuel service)	black	1 green
-VI	FKM	black	1 yellow
-THK	Extra Thick Buna	black	2 blue
-EPR	Ethylene Propylene	black	1 white
-NE	Neoprene	black	1 red
-WNE	White Neoprene, FDA approved material	white	none
-WB	White Buna-N, FDA approved material	white	blue
-SIL	Silicone	red	none
-TF	PTFE (TFE) envelope with Buna-N filler	white / black	1 blue
TFVI	PTFE (TFE) envelope with FKM filler	white / black	1 yellow
TFWB	PTFE (TFE) envelope with White Buna-N filler, FDA approved materials	white / white	blue
TFEP	PTFE (TFE) envelope with Ethylene Propylene filler	white / black	1 white stripe
-TES	PTFE (FEP) encapsulated Silicone core, FDA approved materials	translucent / red	none
-TEV	PTFE (FEP) encapsulated FKM core	translucent / black	none
TFACC	PTFE (TFE) accordion, FDA approved materials	white	none

[1] part number suffix

Since other manufacturer's coding systems vary, this chart should not be used as a reference in identifying gaskets of unknown origin.

The following are the nominal dimensions for Dixon™'s elastomeric cam and groove gaskets.



The ID's of the PTFE envelope gaskets and the PTFE accordion gaskets are 1.6 mm smaller than the ID's for the elastomeric gaskets shown above.

Size (mm)	Type	A OD	B ID	C Thickness*
15	50-G	26.19	17.46	3.96
20	75-G	34.93	22.23	5.54
25	100-G	39.69	26.98	6.35
32	125-G	49.21	34.53	6.35
40	150-G	55.56	41.28	6.35
50	200-G	66.68	50.80	6.35
65	250-G	79.38	60.33	6.35
75	300-G	94.46	76.20	6.35
100	400-G	123.83	101.60	6.35
125	500-G	150.81	123.83	6.35
150	600-G	179.39	152.40	6.35
200	800-G	236.54	206.38	8.71

* Thicknesses of PTFE accordion gaskets may vary from chart above.

- No interchange standard exists for the ½" and 8" fittings. Generally, these sizes do not interchange with other manufacturer's products. As such, the gaskets in these sizes are not suitable for use in other manufacturers' couplings.

Dixon™ Standard Handle Assemblies

Brass				
Description	Size		Part No.	Price $ (each)
	inch	mm		
Handle and Pin	1	25	100-HP-BR	19.11
Handle, Ring and Pin	1¼ thru 2½	32 to 65	200-HRP-BR	16.33
Handle, Ring and Pin	3 thru 5	75 to 125	300-HRP-BR	25.64
Handle, Ring and Pin	6	150	600-HRP-BR	44.27
Handle and Pin	8	200	800-HP-BR [1]	147.18

[1] Contact Dixon™ for specifications when ordering replacement arms for 8"/200mm couplings.

Price Group: SD

AL02



Sintered Stainless Steel				
Description	Size		Part No.	Price $ (each)
	inch	mm		
Handle and Pin	½	15	50-HP-SP	5.94
Handle and Pin	¾	20	75-HP-SP	7.24
Handle and Pin	1	25	100-HP-SP	4.39
Handle, Ring and Pin	1¼ thru 2½	32 to 65	200-HRP-SP	13.71
Handle, Ring and Pin	3 thru 5	75 to 125	300-HRP-SP	22.49
Handle, Ring and Pin	6	150	600-HRP-SP	59.76

Price Group: SD

AL02



316 Stainless Steel Dixon™ Pin				
Description	Size		Part No.	Price $ (each)
	inch	mm		
Stainless Steel Pin	1¼ thru 2½	32 to 65	200-P	2.47
Stainless Steel Pin	3 thru 5	75 to 125	300-P	3.06
Stainless Steel Pin	6	150	600-P	7.23

Price Group: SD

AL02



Investment 316 Stainless Steel				
Description	Size		Part No.	Price $ (each)
	inch	mm		
Handle, Ring and Pin	1¼ thru 2½	32 to 65	200-HRP-SI	16.65
Handle, Ring and Pin	3 thru 5	75 to 125	300-HRP-SI	21.22
Handle, Ring and Pin	6	150	600-HRP-SI	33.04

Stainless Steel Pins are standard with all assemblies.
Pull Rings are standard on 32mm through 150mm, optional on other sizes.

Price Group: SD

AL02



Locking Handles for Dixon™ Dust Caps

Description	Size		Part No.	Price $ (each)
	inch	mm		
Locking Handle, Brass	2	50	200-LH-BR	41.57
Locking Handle, Brass	3	75	300-LH-BR	51.45
Locking Handle, Brass	4	100	400-LH-BR	40.86
Locking Handle, Brass	6	150	600-LH-BR	98.06

Price Group: SD

AL02



Note: Not supplied with pins

EZ Boss-Lock™ Handles

Materials:	• Investment cast stainless steel cam arm and lever • 316 stainless steel spring • Stainless steel pin, washer; plated carbon steel pull ring

Size		Part No.	Price $ (each)
inch	mm		
¾ thru 1	20 to 25	RHEZ175	64.81
1¼ thru 2½	32 to 50	RHEZ152	42.17
3 & 4	75 & 100	RHEZ34	68.41

Price Group: SD

AL02



UNDER NO CIRCUMSTANCES should the EZ Boss-Lock™ cam arms be used on any fitting not specifically produced for their use. The Aluminum, Brass and Malleable Iron are made from sand castings. To insure proper functioning of the EZ Boss-Lock™ cam arm assemblies, we sort the castings to insure there is sufficient length and orientation on the lugs on the main casting to engage the lever. We also buff or grind the rougher sand cast surface to ensure that the lever will move freely. The EZ Boss-Lock™ cam arms cannot be retrofitted onto existing aluminium, brass or plated malleable iron Boss-Lock™ already in service.

For technical, application and material guidelines, please refer to page 82

B

Witches Hat Strainers



Size (inch)	Part No.	Price $ (each)
3	WH300-A	49.22
4	WH400-A	78.77

Price Group: CG
AL01

Gaskets Witches Hat Strainers



Material:	• Buna-N

Size (inch)	Part No.	Price $ (each)
3	WH300-G	5.80
4	WH400-G	6.00

Price Group: SD
AL01

Disk Strainers



Features:	• Threads into bottom of female NPT fitting to protect equipment from large contaminants. • 304 stainless steel parts are investment castings.

Size (inch)	Hole Size (inch)	6061T6 Aluminum		304 Stainless Steel	
		Part No.	Price $	Part No.	Price $
2"	¼"	SDA200	28.06	SDS200	42.36
3"	¼"	SDA300	32.61	SDS300	57.49
4"	¼"	SDA400	52.94	SDS400	87.01

Price Group: SD
AL01

Lanyards with Clip for Boss-Lock™ Couplings



ACL2

ACL3

Materials:	• clip: carbon steel • lanyard: nylon

Size (mm)	Part No.	Price $ (each)
20 & 25	ACL4	4.36
32 - 100	ACL2	3.81
150	ACL3	15.17

Price Group: SD
AL02

PVC Coated Lanyards



Part No.	Description	Price $ (each)
CAL15	375mm Long PVC Coated Carbon Steel with Aluminum Crimp Sleeves. One End Dixon™ Crimped, One End Uncrimped for Field Installation.	11.50

Price Group: SD
AL02

Pull Ring Safety Clips for Boss-Lock™ Couplings



Coupler Size (inch)	Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1¼ - 2½	200PRSCCS	1.74	200PRSCSS	4.35
3 and 4	300PRSCCS	2.15	300PRSCSS	4.96

Price Group: SD
AL02

For technical, application and material guidelines, please refer to page 82

B

Clip for Boss-Lock™ Coupling

Part No.	Description	Price $ (each)
AC7	.072 stainless steel wire	1.84

Price Group: SD

AD05



Carbon Steel Clip Assembly

Part No.	Description	Price $ (each)
BLCA152CS	Pull Ring, Chain and ACL3 Clip	26.94

Price Group: SD

AL02



For Boss-Lock™ couplings

Stainless Steel Pull Rings

Part No.	Description	Price $ (each)
R200SS	Pull ring 304 stainless steel approximate diameter 35mm	4.58

Price Group: SD

AD01



Jack Chain with S-Hooks

Part No.	Description	Price $ (each)
CH-B-6	150mm Brass	19.12
CH-B-12	300mm Brass	21.55
CH-C-12	300mm Carbon Steel	14.00
CH-SS-6	150mm Stainless Steel	20.92
CH-SS-12	300mm Stainless Steel	21.82
CH-SS-24	600mm Stainless Steel	22.47

Price Group: SD

AL02



Sash Chain with Pull Rings

Part No.	Description	Price $ (each)
J125	115mm Brass	37.69
J150	165mm Brass	21.24
J300	215mm Brass	22.32
J500	325mm Brass	31.38

Price Group: SD

AL02



Pull rings are steel plated

For technical, application and material guidelines, please refer to page 82

B

Locking Cam Arm Velcro® Straps



coupler sold separately

Applications:	• use with cam and groove couplers to prevent spills, secure from damage, and hold in place during transport
Features:	• used on the female end of the cam and groove coupler • high visibility orange hook and loop with metal buckle provide strength, durability and long life • temperature range: -70°F to 200°F (-57°C to 93°C)

Length (inch)	Used On	Part No.	Price $
18	fits up to 3" coupler	CVS18	11.60
36	fits up to 8" coupler	CVS36	14.14

Price Group: SD

AL02

Abrasion Resistant Inserts



400-A-INSERT



400-C-INSERTAL

Features:	• extends the life of adapters when transferring proppant to storage tanks • available for multiple adapter and multiple coupler materials
Materials:	• UHMW polyethylene

Part No.	Description	Price $
400-A-INSERT	to be used with 400-A-AL, 400-A-BR, 400-A-MI, 400-A-SS	66.00
400-C-INSERTAL	to be used with 400-C-AL	97.00
400-C-INSERTMI	to be used with 400-C-MI	147.30

Price Group: CG

AL01

For technical, application and material guidelines, please refer to page 82

C



Specifications ---- 114
Minsup™ 'A' Type ---- 115-119
- Standard Seal ---- 115-116
- Bellow Seal ---- 117-119

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- SG Iron ---- 120-122
- Hose Ends ---- 121
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minsup

C

Specifications

minsup

Minsup™ Claw Couplings

Minsup™ Claw Couplings are a universal hose coupling that provide quick, safe and reliable connections. Claw couplings are designed with a common or universal claw which enables differing hose sizes and nominal bores sizes to be connected. Claw couplings are most commonly used for conveying air and water, and are not to be used for steam applications.
Common industry applications: under ground and surface mining, mineral processing, compressor and air tool industries, hire companies.
All Minsup™ Claw Couplings comply with AS 2554 and AS2660 – Hose and Hose Assemblies for Air/Water.



'A' Type European Pattern

Materials Available: SG Iron ISO 1083 Zinc Plated
316 Stainless Steel CF8M
Seal Materials: Natural Rubber (NR)
FKM
(NBR, Buna N)
Temperature Range: Natural Rubber (NR) Seal -29°C to 71°C
FKM Seal -30°C to 200°C
Working Pressure: Standard Seal 500 PSI
Bellow Seal 1000 PSI
Compatible with: Atlas Copco, Ludecke
Size Range: ⅜" to 1¼" Hose end and Threaded
Thread Type: Male and Female BSP
NPT available on request



Surelock™ Australian Pattern

Materials Available: SG Iron ISO 1083 Zinc Plated AS1789
316 Stainless Steel CF8M
Seal Materials: Natural Rubber (NR)
FKM
Nitrile available on request (NBR, Buna N)
Temperature Range: Natural Rubber Seal -29°C to 71°C
FKM Seal -30°C to 200°C
Working Pressure: ⅜" to 2" 1000 PSI 3" 500 PSI
Size Range: ⅜" to 3" Hose end and Threaded
2" Shouldered
Thread Type: Male and Female BSP
NPT available on request



Minsup™ Claw Couplings with Crimped Ferrule

Fitting Maximum Working Pressure: 300 PSI Assembly Maximum Working Pressure will depend on the type of hose used. If unsure contact Dixon Asia Pacific to enquire about hose assembly testing. Tested & approved for use with:

- A190 Super Air Water Hose (300 PSI working pressure)
- A102 Contractors Yellow Air Hose (200 PSI working pressure)

For alternative hose types, contact Dixon Asia Pacific for suitability. For Crimp Specifications and procedures contact Dixon Asia Pacific.

Materials	
Ferrule	Zinc Plated Mild Steel
Coupling	SG Iron Zinc Plated
Seal	Natural Rubber (FKM available on request)

Locking Pins

The use of a Minsup™ Safety Locking Pin is necessary to ensure that Minsup™ A Type & Surelock™ Claw Couplings will not become accidentally disconnected. This ensures that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.

'A' Type - Standard Seal 500 PSI - SG Iron

minsup

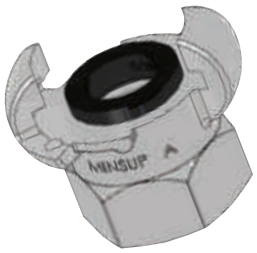
Features:	Standard coupling heads ensure the interchangeability of all sizes, regardless of whether the mating coupling is male, female or hose tail.
Options:	Other seal materials available on request NPT threads available for Male and Female threaded couplings



Size (inch)	Pkg Qty	Male BSP		Male NPT	
		Part No.	Price $ (ea)	Part No.	Price $ (ea)
⅜	50	08/001/12/000	17.09	08/001/12/004	22.73
½	50	08/001/09/000	13.38	08/001/09/004	22.73
¾	50	08/001/06/000	13.38	08/001/06/004	22.73
1	50	08/001/03/000	13.38	08/001/03/004	22.73
1 ¼	40	08/001/01/000	18.62	---	---

Price Group: MS

AA01



Size (inch)	Pkg Qty	Female BSP		Female NPT	
		Part No.	Price $ (ea)	Part No.	Price $ (ea)
⅜	50	08/001/13/000	17.09	08/001/13/004	22.73
½	50	08/001/10/000	13.38	08/001/10/004	22.73
¾	50	08/001/07/000	13.38	08/001/07/004	22.73
1	50	08/001/04/000	13.38	08/001/04/004	22.73

Price Group: MS

AA01



Size (inch)	Pkg Qty	Hose End	
		Part No.	Price $ (ea)
⅜	50	08/001/14/000	17.09
½	50	08/001/11/000	13.38
¾	50	08/001/08/000	13.38
1	50	08/001/05/000	13.38
1 ¼	40	08/001/02/000	18.62

For Minsup™ Safety Claw Clamps, refer to page 126.
For ring crimp ferrules, refer to page 125.

Price Group: MS

AA01



Size (inch)	Pkg Qty	King Crimp Hose End	
		Part No.	Price $ (ea)
1	50	AH25KC	16.22

Note: Designed for use with King Crimp™ ferrules.

Price Group: MS

AA01

- 'A' type bellow seal couplings are not recommended for use with Minsup™ standard seal couplings.
- **WARNING:** Never use 'A' Type Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

'A' Type - Standard Seal 500 PSI - SG Iron

minsup

Three Way



Pkg Qty	Part No.	Seal Type	Price $ (ea)
20	08/001/16/000	AWR4 Standard	45.15

Price Group: MS
AA01

Blank End



Pkg Qty	Part No.	Seal Type	Price $ (ea)
50	08/001/15/000	AWR4 Standard	18.62

Price Group: MS
AA01

'A' Type Medium Surelock™ Adaptor



Application:	Enables easy connection between Minsup™ A Type and Medium Surelock™ (1½" to 2")

Pkg Qty	Part No.	Seal Type	Price $ (ea)
1	08/013/32/000	AWR4 Standard	115.86

Price Group: MS
AA01

'A' Type Standard Seals



Pkg Qty	Part No.	Material	Price $ (ea)
50	AWR4	Natural Rubber	1.35
1	AWR4V	FKM	8.10

Price Group: SD
AD05

Safety Locking Pins



Pkg Qty	Part No.	Material	Price $ (ea)
1000	05/010/02/000	Z/P mild steel	0.40
1000	05/010/02/000SS	316 Stainless Steel	2.70

Price Group: MS
BA01

The use of a Minsup™ Safety Locking Pin is necessary to ensure that Minsup™ A Type & Surelock™ Claw Couplings will not become accidentally disconnected. This ensures that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.

Gauze



Application:	Eliminates air line debris from damaging in-line air tools or valve seals.

Part No.	Price $ (ea)
05/100/01/901	6.75

Price Group: SD
AA01

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

'A' Type - Bellow Seal 1000 PSI - SG Iron

minsup

1000 PSI

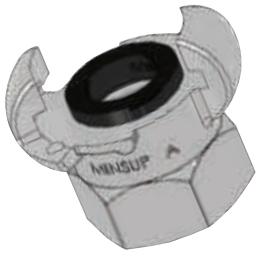
Feature:	Standard coupling heads ensure the interchangeability of all sizes, regardless of whether the mating coupling is male, female or hose tail.
Options:	Other seal materials available on request NPT threads available for Male and Female threaded couplings

Size (inch)	Pkg Qty	Male BSP	
		Part No.	Price $ (ea)
⅜	50	ABS10M	17.31
½	50	ABS15M	14.47
¾	50	ABS20M	14.47
1	50	ABS25M	14.47
1 ¼	40	ABS32M	19.95



Price Group: MS
AA01

Size (inch)	Pkg Qty	Female BSP	
		Part No.	Price $ (ea)
⅜	50	ABS10F	17.31
½	50	ABS15F	14.47
¾	50	ABS20F	14.47
1	50	ABS25F	14.47



Price Group: MS
AA01

Size (inch)	Pkg Qty	Hose End	
		Part No.	Price $ (ea)
⅜	50	ABS10H	17.31
½	50	ABS15H	14.47
¾	50	ABS20H	14.47
1	50	ABS25H	14.47
1 ¼	40	ABS32H	19.95



Price Group: MS
AA01

For Minsup Safety Claw Clamps, refer to page 216.
For ring crimp ferrules, refer to page 125.

- 'A' type bellow seal couplings are not recommended for use with Minsup™ standard seal couplings.
- **WARNING:** Never use 'A' Type Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

'A' Type - Bellow Seal 1000 PSI - SG Iron

minsup 1000 PSI

C

Three Way



Pkg Qty	Part No.	Seal Type	Price $ (ea)
20	ABS1032T	Bellow	49.66

Price Group: MS
AA01

Blank End



Pkg Qty	Part No.	Seal Type	Price $ (ea)
50	ABS1032B	Bellow	20.28

Price Group: MS
AA01

Composite Bellow Seal



Pkg Qty	Part No.	Material	Price $ (ea)
50	ABS1032N	Natural Rubber	4.00
1	ABS1032V	FKM	18.22

Nitrile seals available on request

Price Group: SD
AZ01

Safety Locking Pins



Pkg Qty	Part No.	Material	Price $ (ea)
1000	05/010/02/000	Z/P mild steel	0.40
1000	05/010/02/000SS	316 Stainless Steel	2.70

Price Group: MS
BA01

The use of a Minsup™ Safety Locking Pin is necessary to ensure that Minsup™ A Type & Surelock™ Claw Couplings will not become accidentally disconnected. This ensures that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.

Seal Insertion Tools



Application:	Designed for high volume seal replacement.

Part No.	Price $ (ea)
IT100AB	150.63

Price Group: SD
AZ01

- 'A' type bellow seal couplings are not recommended for use with Minsup™ standard seal couplings.
- **WARNING:** Never use 'A' Type Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

'A' Type - Bellow Seal Stainless Steel 1000 PSI

minsup

Feature:	Standard coupling heads ensure the interchangeability of all sizes, regardless of whether the mating coupling is male, female or hose tail.
Options:	Other seal materials available on request NPT threads available for Male and Female threaded couplings

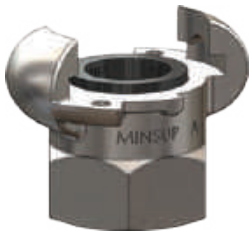


Male BSP

Size (inch)	Pkg Qty	Male BSP		Male NPT	
		Part No.	Price $ (ea)	Part No.	Price (ea)
½	50	AM13BSPSTS-B	61.23	---	---
¾	50	AM20BSPSTS-B	109.29	---	---
1	50	AM25BSPSTS-B	61.23	AM25NPTSTS-B	69.53

Price Group: SD

AA01



Female BSP

Size (inch)	Pkg Qty	Female BSP		Female NPT	
		Part No.	Price $ (ea)	Part No.	Price (ea)
½	50	AF13BSPSTS-B	61.23	---	---
¾	50	AF20BSPSTS-B	109.29	---	---
1	50	AF25BSPSTS-B	61.23	AF25NPTSTS-B	69.53

Price Group: SD

AA01


Hose End

Size (inch)	Pkg Qty	Hose End	
		Part No.	Price $ (ea)
½	50	AH13STS-B	61.23
¾	50	AH20STS-B	114.51
1	50	AH25STS-B	114.51

For suitable clamps refer to page 126.

For crimped ferrules, refer to page 125.

Price Group: SD

AA01


King Crimp™ Hose End

Size (inch)	Pkg Qty	King Crimp Hose End	
		Part No.	Price $ (ea)
1	50	AH25STSKC-B	76.17

Price Group: SD

Note: Designed for use with King Crimp ferrules.

AA01



Blank End

Pkg Qty	Blank End		
	Part No.	Seal Type	Price $ (ea)
50	AB1032STS-B	Bellow	132.61

Price Group: MS

AA01

- 'A' type bellow seal couplings are not recommended for use with Minsup™ standard seal couplings.
- **WARNING:** Never use 'A' Type Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

Surelock™ - SG Iron

minsup

The Surelock™ Coupling was originally designed and patented by Minsup™. It was the first coupling designed specially for 1½" and 2" hoses. The size range currently extends from ⅜" through to 3". They are simple, reliable and provide an airtight connection. This style of coupling excels where speed, ease, economy and safety are paramount.



Surelock™ Working Pressures				
Size (inch)	WP PSI	WP (MPa)	BP	BP (MPa)
⅜ - 1¼	1000	6.9	4000	27.58
1 ½ - 2	1000	6.9	4000	27.58
3	500	3.4	2000	13.80

Male



Size (inch)	Pkg Qty	Part No.	Price $ (ea)	Part No.	Price $ (ea)
Small Head					
		Male BSP		Male NPT	
⅜	50	08/013/23/000	19.40	08/013/23/001	23.01
½	50	08/013/20/000	13.81	08/013/20/001	23.01
¾	50	08/013/17/000	13.81	08/013/17/001	23.01
1	50	08/013/14/000	13.81	08/013/14/001	23.01
1¼	40	08/013/11/000	18.73	---	---
Medium Head					
1½	15	08/013/07/000	45.66	08/013/07/001	76.70
2	15	08/013/04/000	45.66	08/013/04/001	94.23
Large Head					
3	1	08/013/01/000	187.95	---	---

Price Group: MS

AA03
AA04
AA05

Female



Size (inch)	Pkg Qty	Part No.	Price $ (ea)	Part No.	Price $ (ea)
Small Head					
		Female BSP		Female NPT	
⅜	50	08/013/24/000	19.40	08/013/24/001	23.01
½	50	08/013/21/000	13.81	---	---
¾	50	08/013/18/000	13.81	08/013/18/001	23.01
1	50	08/013/15/000	13.81	08/013/15/001	23.01
Medium Head					
1½	15	08/013/08/000	45.66	08/013/08/001	75.94
2	15	08/013/05/000	45.66	08/013/05/001	94.23
Large Head					
3	1	08/013/02/000	187.95	---	---

Price Group: MS

AA03
AA04
AA05

- **WARNING:** Never use Surelock™ Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

Surelock™ Hose Ends

minsup

1000 PSI

Size (inch)	Pkg Qty	Part No.	Price $ (ea)
Small Head			
⅜	50	08/013/25/000	19.40
½	50	08/013/22/000	13.81
¾	50	08/013/19/000	13.81
1	50	08/013/16/000	13.81
1¼	40	08/013/13/000	18.73
Medium Head			
1½	15	08/013/10/000	45.66
2	15	08/013/06/000	45.66
Large Head			
3	1	08/013/35/000	187.95



For Ring Crimp Ferrules, refer page 125.

Price Group: MS

AA03
AA04
AA05

Surelock™ Hose Ends "Cor-O-Zig" Pattern

The unique "Cor-o-zig" pattern has been incorporated in our medium and large Surelock™ hose end range, and is already featured in our Boss™ ground joint coupling stems, and Boss™ male stems.

Designed to be used with Boss™ Clamps (refer to pages 217-218 for full range), the "Cor-o-zig" design not only grips horizontally as the clamp tightens to prevent coupling pull-out, but also grips obliquely to prevent the coupling turning in the hose.

Note: rotation of the stem while under pressure can damage the hose tube from the cutting action of the corrugated edges. This may cause premature hose failure.

Size (inch)	Pkg Qty	Part No.	Price $ (ea)
Medium Head			
1½	15	08/013/33/000	58.07
2	15	08/013/34/000	54.24
Large Head			
3	1	08/013/35/000	187.95



Price Group: MS

AA04
AA05

Surelock™ King Crimp™ Hose Ends

Size (inch)	Pkg Qty	Part No.	Price $ (ea)
Small Head			
1	50	SH25KC	17.33
Medium Head			
2	15	SH50KC	53.96



Small



Medium

To be used with King Crimp ferrules and sleeves. refer to pages 190-193.

Price Group: MS

AA03
AA04

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

C

Surelock™ Blank End

minsup



Size (inch)	Pkg Qty	Part No.	Price $ (ea)
Small			
⅜ - 1¼	50	08/013/26/000	20.71
Medium			
1½ - 2	15	08/013/29/000	69.71

Price Group: MS

AA03
AA04

Surelock™ Three-Way



Size (inch)	Pkg Qty	Part No.	Price $ (ea)
Small			
⅜ - 1¼	15	08/013/27/000	50.23
Medium			
1½ - 2	4	08/013/28/000	146.66

Price Group: MS

AA03
AA04

2" Shouldered x Surelock™ Couplings



Application:	Developed specifically for Australian underground mining applications - eliminates laborious threaded connections.
Materials:	• Natural rubber gasket • SG Iron body ISO 1083:400-250-15

Part No.	WP		Pkg Qty	Price $ (ea)
	PSI	MPa		
SLV50	500	3.5	1	60.90

Note: free bag of safety locking pins with every box quantity purchase of couplings

Price Group: MS

AA04

Small to Medium Surelock™ Adaptors



Application:	Enables easy connection between small Surelock™ (⅜" to 1¼") and medium Surelock™ (1½" to 2").

Part No.	Pkg Qty	Price $ (ea)
08/013/31/000	15	157.31

Note: free bag of safety locking pins with every box quantity purchase of couplings

Price Group: MS

AA04

Safety Locking Pins



Pkg Qty	Part No.	Material	Price $ (ea)
1000	05/010/02/000	Z/P mild steel	0.40
1000	05/010/02/000SS	316 Stainless Steel	2.70

Price Group: MS

BA01

The use of a Minsup™ Safety Locking Pin is necessary to ensure that Minsup™ A Type & Surelock™ Claw Couplings will not become accidentally disconnected. This ensures that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

Surelock™ - Stainless Steel

minsup

Male BSP			
Size (inch)	**Pkg Qty**	**Part No.**	**Price $ (ea)**
Small Head			
½	50	SM13BSPSTS	118.52
¾	50	SM20BSPSTS	118.52
1	50	SM25BSPSTS	118.52
Medium Head			
1½	15	-	-
2	15	SM50BSPSTS	201.14

Price Group: SD

AA03
AA04



Small

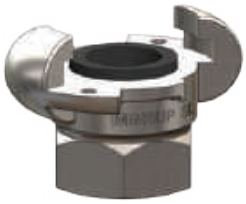


Medium

Female BSP			
Size (inch)	**Pkg Qty**	**Part No.**	**Price $ (ea)**
Small Head			
½	50	SF13BSPSTS	118.52
¾	50	SF20BSPSTS	118.52
1	50	SF25BSPSTS	118.52
Medium Head			
1½	15	-	-
2	15	SF50BSPSTS	201.14

Price Group: SD

AA03
AA04



Small



Medium

Hose End			
Size (inch)	**Pkg Qty**	**Part No.**	**Price $ (ea)**
Small Head			
½	50	SH13STS	118.52
¾	50	SH20STS	118.52
1	50	SH25STS	118.52
Medium Head			
2	15	SH50STS	201.14

Price Group: SD

AA03
AA04



Small



Medium

Blank Ends

Size (inch)	Pkg Qty	Part No.	Price $ (ea)
½ - 1	50	SB1032STS	113.41

Price Group: SD

AA03

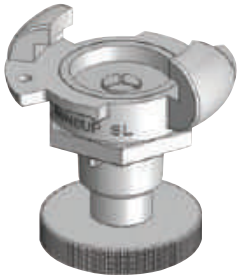
- **WARNING:** Never use Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

C

Seal Insertion Tools

minsup



Application:	Dixon™ seal insertion tools - designed for high volume seal replacement. Will ensure correct alignment of standard composite seals.

Small			
Size (inch)	Description	Part No.	Price $ (ea)
⅜ - 1¼	Small Seal Insertion Tool	IT100SL	184.48

Price Group: SD

AZ01



Medium			
Size (inch)	Description	Part No.	Price $ (ea)
1½ - 2	Medium Seal Insertion Tool	IT200SL	202.48

Price Group: SD

AZ03



Large			
Size (inch)	Description	Part No.	Price $ (ea)
3	Large Seal Insertion Tool	IT300SL	254.26

Price Group: SD

AZ03

Composite Bellows Seals



Size (inch)	Seal Size	Part No.	Price $ (ea)
Composite			
⅜ - 1¼	Small	05/007/07/000	3.09
1½ - 2	Medium	05/007/05/000	5.14
3	Large	08/007/09/002	13.28
FKM			
⅜ - 1¼	Small	05/007/07/000V	41.71
1½ - 2	Medium	05/007/05/000V	50.24
3	Large	05/007/09/002V	82.76

Price Group: SD

AA03
AA04
AA05

Small Surelock™ Gauze



Application:	Eliminates air line debris from damaging in-line air tools or valve seals.

Part No.	Price $ (ea)
05/100/01/901	6.75

Price Group: SD

AA01

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 114

Crimped Ring Ferrules

Size (inch)	Min Hose OD (mm)	Max Hose OD (mm)	Part No.	Price $ (ea)
Mild Steel				
½	16.0	26.5	RCF012-MS	7.67
¾	24.0	32.5	RCF020-MS	13.15
1	31.0	39.5	RCF025-MS	13.15
304 Stainless Steel				
½	16.0	26.5	RCF012-SS	8.77
¾	24.0	32.5	RCF020-SS	15.34
1	31.0	39.5	RCF025-SS	15.34



Price Group: SD

AA01

Crimp Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

Hose ID (inch)	Hose OD (mm)		Carbon Steel		304 Stainless Steel		WP (PSI)		Ferrule ID (mm)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Part No.	Price $	Part No.	Price $	Cam & Groove[1]	KC Nipple[2]			
1	30.56	31.75	CF100-1CS	35.26	CF100-1SS	30.23	*	*	33.40	2.29	71.4
1	32.15	33.34	CF100-2CS	47.35	CF100-2SS	18.14	*	*	34.90	2.29	71.4
1	33.73	34.93	CF100-3CS	47.35	CF100-3SS	18.14	*	*	36.50	2.29	71.4
1	35.32	36.51	CF100-4CS	14.11	CF100-4SS	18.14	*	*	38.10	2.29	71.4
1	36.91	38.10	CF100-5CS	10.08	CF100-5SS	15.11	*	*	39.70	2.29	71.4
1	38.50	39.69	CF100-6CS	10.08	CF100-6SS	15.11	*	*	42.30	2.29	71.4
1	40.08	41.28	CF100-7CS	10.08	CF100-7SS	15.11	*	*	42.90	2.29	71.4
1	41.67	42.86	CF100-8CS	35.26	CF100-8SS	14.11	*	*	44.50	2.29	71.4
1	43.26	44.45	CF100-9CS	35.26	CF100-9SS	15.11	*	*	46.10	2.29	71.4
1	44.85	46.03	CF100-10CS	35.26	CF100-10SS	30.23	*	*	47.60	2.29	71.4
2	55.96	57.15	CF200-1CS	30.23	CF200-1SS	30.23	250	300	58.75	2.29	79.4
2	57.55	58.74	CF200-2CS	30.23	CF200-2SS	30.23	250	300	60.33	2.29	79.4
2	59.13	60.33	CF200-3CS	30.23	CF200-3SS	30.23	250	300	61.93	2.29	79.4
2	60.72	61.91	CF200-4CS	12.09	CF200-4SS	25.19	250	300	63.50	2.29	79.4
2	62.31	63.50	CF200-5CS	12.09	CF200-5SS	25.19	250	300	65.10	2.29	79.4
2	63.90	65.09	CF200-6CS	12.09	CF200-6SS	25.19	250	300	66.68	2.29	79.4
2	65.48	66.68	CF200-7CS	12.09	CF200-7SS	25.19	250	300	68.28	2.29	79.4
2	67.07	68.26	CF200-8CS	12.09	CF200-8SS	25.19	250	300	69.85	2.29	79.4
2	68.66	69.85	CF200-9CS	12.09	CF200-9SS	30.23	250	300	71.45	2.29	79.4
2	70.25	71.44	CF200-10CS	15.11	CF200-10SS	30.23	250	300	73.03	2.29	79.4
2	71.83	73.03	CF200-11CS	15.11	CF200-11SS	30.23	250	300	74.63	2.29	79.4
2	73.42	74.61	CF200-12CS	35.26	CF200-12SS	30.23	250	300	76.20	2.29	79.4

* Consult Dixon™ for pressure rating.

Price Group: SD

AU06

C

Minsup™ Safety Claw Clamps

minsup



Material:	SG Iron ISO 1083
Protection:	Zinc Plated
Inserts:	Inserts in ½", ¾" and 1" clamps are made from nylon

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
½"	22	28	18.4	25	08/023/42/000	100	13.91
¾"	29	34	18.4	25	08/023/43/000	50	15.20
1"	35	40	25.8	35	08/023/46/000	50	11.62

Price Group: MS

AC03



Selecting the correct clamping device is critical to the performance and safety of any hose assembly. The clamp provides a combination of friction and lock in retaining the coupling to the hose.

If you are unsure of the correct clamp for the application, coupling or hose type, contact Dixon™ on 1300 134 651.

Without Chain

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
1½"	51	58	50	67.8	08/023/05/000	20	34.56
2"	65.5	71	60	81.3	08/023/03/000	15	43.29

Price Group: MS

AC03



With Chain

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
1½"	51	58	50	67.8	08/023/06/000	20	58.17
2"	65.5	71	60	81.3	08/023/04/000	15	65.07

Price Group: MS

AC03

WARNING: Worn-out hose fittings should be replaced. Loose clamps on hose can be dangerous. Bolt type clamps should be retensioned regularly. For extra safety, retaining devices such as clips, chains or cables must be used.
Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies. Refer to Technical section for more information.

Chain Restrainers



Suits Clamp Size	Chain Size	Part No.	Price $ (ea)
1½" and 2"	⅛"	08/023/01/047A	18.16

For use with Minsup™ double bolt claw clamp.
Replacement chain to suit 1½" & 2" clamp size

Price Group: MS

AC03

Not recommended as a replacement for a whipcheck. Refer to pages 127 and 136 for additional information. Please contact Dixon™ for further information.

Minsup™ Double Bolt Clamps



Nom. ID	Hose OD (mm)		Torque Nm		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
½"	24	27	18.4	25	08/023/14/000	100	10.48
¾"	31	33	18.4	25	08/023/15/000	50	13.08
1"	37	39	25.8	35	08/023/13/000	50	12.10

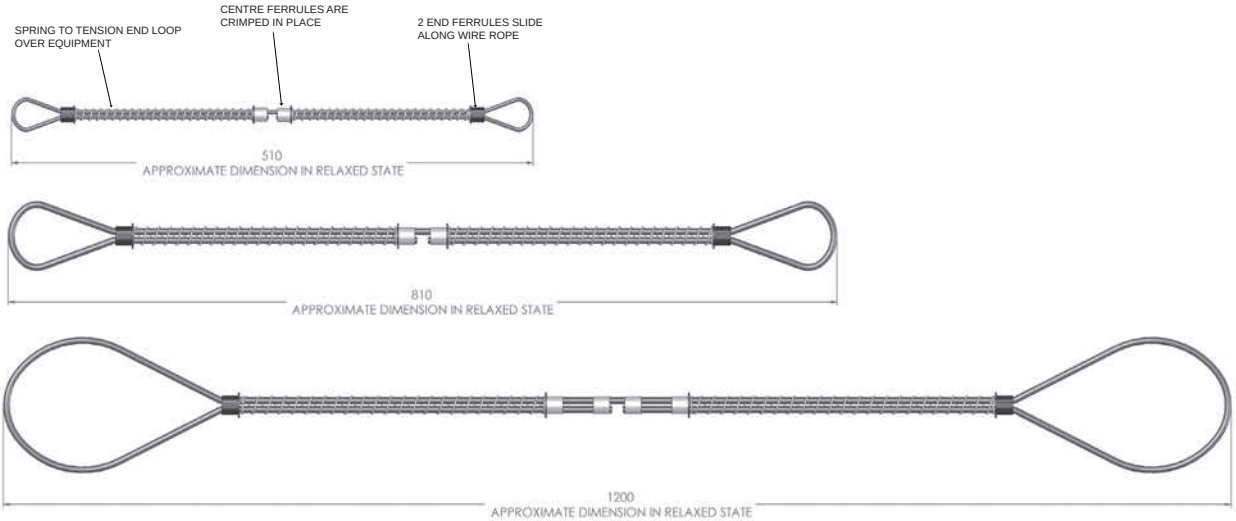
Price Group: MS

AC03

Minsup™ Whipchecks

minsup

Application:	Crimped steel ferrules suitable for use in underground coal mines.
Pressure:	Max: 200 PSI WP for Air
Features:	• Hose-to-hose • Eliminates injuries caused by broken air hose connections • Highly resistant to rust and corrosion • No tools needed - easy to install and remove
Wire Rope:	G1570 FC Galvanised Steel
Ferrules:	Mild steel
Spring:	Zinc plated steel spring



Cable	Cable Size (mm)	Hose ID (inch)	Part No.	Max Break Force (kN)	Length (mm)	Price $ (ea)
Small	3.5	⅜ - 1¼	08/023/90/000	5.6	510	29.55
Medium	6	1¼ - 2	08/023/91/000	17.6	810	56.96
Large	6	2½ - 4	08/023/92/000	17.6	1200	86.24

Price Group: SD

AD03

Air Operated Oil Lubricators (Turtle)



Component Materials	
Body:	Mild Steel
Venturi:	Cast Steel
Fixed Jet:	Brass
Adjustable Jet:	Mild steel
O-Rings:	Nitrile
Bundy Tubes:	Copper

Style	Thread Type	Oil Capacity (Lt)	Max WP PSI	Part No.	Price $ (ea)
Fixed Jet	1" BSP	1.2	300	08/066/01/000	371.54
Adjustable Jet	1" BSP	1.2	300	08/066/02/000	383.15

Price Group: SD
AI01

The Minsup™ oil bottle was developed to ensure continuous & adequate lubrication of rockdrills over the length of a normal shift. Why 1.2 Litres? This is the calculated oil usage for one 8 hour shift, when set correctly.
Fixed Jet: 1mm diameter jet designed for use with Rockdrill lubricating oil.
Adjustable Jet: Designed to cater for areas where there is a variation in oil viscosity, pressure and temperature. Adjustable under pressure, clockwise to decrease flow, anti-clockwise to increase flow.
For correct lubrication the oil bottle should not be placed in excess of three meters from the machine ensuring that the oil reaches the machine in mist form.
The 1¼" filler plug has a built in pressure release behind the sealing o-ring to allow pressure to escape in a controlled manner in the case of unintentional opening while under pressure.

* If a higher working pressure is required please contact your local Dixon™ representative.

Minsup™ Line Strainers



sectioned view

Component Materials	
Application:	Designed for use in compressed air systems to eliminate debris reaching expensive air operated tools and equipment. Ideal for industries such as mining and construction where air systems can be subject to high levels of dust and debris.
Material:	Body, SG Iron Strainer, 304 SS Perforated Plate.
Temperature:	-30°C - 200°C
Features:	Removable SS strainer for quick trouble free maintenance. Zinc plated for corrosion protection.

BSP Size (inch)	Max WP PSI	Part No.	Price $ (ea)
1	250	08/090/06/000	135.61

* NPT available on request

Price Group: SD
AC06

D



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Air King™ Hose Ends



Application:	Air King™ is for Air & Water services only.

Iron

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $ (ea)
		PSI	MPa		
⅜	GAMH	150	1	25	15.28
½	GAM1	150	1	50	10.12
⅝	GAM5	150	1	50	13.49
¾	GAM6	150	1	50	12.64
1	GAM11	150	1	50	13.37

Price Group: SD

AD05

Brass

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $ (ea)
		PSI	MPa		
⅜	ABH	150	1	25	83.04
½	AB1	150	1	50	36.80
⅝	AB5	150	1	50	77.13
¾	AB6	150	1	50	42.90
1	AB11	150	1	50	47.69

Price Group: SD

AD05

316 Stainless Steel

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $ (ea)
		PSI	MPa		
⅜	RAMH	150	1	25	133.55
½	RAM1	150	1	50	39.36
¾	RAM6	150	1	50	61.24
1	RAM11	150	1	50	80.44

All universal couplings listed above include safety clip.

Price Group: SD

AD05

Air King™ 4-Lug Quick-Acting Couplings





Application:	Air King™ is for Air & Water services only.

Plated Steel Hose Ends

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $ (ea)
		PSI	MPa		
1¼	GAM16	150	1	25	34.27
1½	GAM21	150	1	25	49.81
2	GAM26	150	1	10	62.56

Price Group: SD

AD05

Plated Steel Female NPT Ends

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $ (ea)
		PSI	MPa		
1¼	GAM18	150	1	25	79.33
1½	GAM23	150	1	25	45.38
2	GAM28	150	1	20	67.76

Price Group: SD

AD05

For use with Boss™ Clamps, refer to pages 217-218.

* Must use safety clips. Safety clips are same size for both 2-lug & 4-lug couplings.

- **WARNING:** Never use Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 621

Air King™ Male Ends

Size (inch)	Plated Steel BSP		Plated Steel NPT		Working Pressure		Pkg Qty
	Part No.	Price $ (ea)	Part No.	Price $ (ea)	PSI	MPa	
¼	-	-	GAMB1	15.02	150	1	25
⅜	-	-	GAMB	12.42	150	1	25
½	GAM2A	19.24	GAM2	13.54	150	1	50
¾	GAM7A	18.56	GAM7	12.72	150	1	50
1	GAM12A	13.69	GAM12	8.93	150	1	50

Price Group: SD

AA02



Size (inch)	Brass NPT		316 Stainless Steel NPT		Working Pressure		Pkg Qty
	Part No.	Price $ (ea)	Part No.	Price $ (ea)	PSI	MPa	
¼	ABB1	69.20	-	-	150	1	25
⅜	ABB	55.26	RAMB	135.81	150	1	25
½	AB2	33.22	RAM2	89.70	150	1	50
¾	AB7	45.84	RAM7	84.75	150	1	50
1	AB12	43.26	RAM12	116.79	150	1	50

Price Group: SD

AD05

Air King™ Female Ends

Size (inch)	Plated Steel BSP		Plated Steel NPT		Working Pressure		Pkg Qty
	Part No.	Price $ (ea)	Part No.	Price $ (ea)	PSI	MPa	
¼	-	-	GAMC1	14.65	150	1	25
⅜	-	-	AMC	16.12	150	1	25
½	GAM3A	16.91	GAM3	16.58	150	1	50
¾	GAM8A	14.79	GAM8	14.32	150	1	50
1	GAM13A	17.37	GAM13	14.28	150	1	50

Price Group: SD

AA02



Size (inch)	Brass NPT		316 Stainless Steel NPT		Working Pressure		Pkg Qty
	Part No.	Price $ (ea)	Part No.	Price $ (ea)	PSI	MPa	
¼	ABC1	53.44	-	-	150	1	25
⅜	ABC	52.25	RAMC	147.96	150	1	25
½	AB3	29.27	RAM3	64.98	150	1	50
¾	AB8	31.55	RAM8	73.13	150	1	50
1	AB13	32.36	RAM13	79.72	150	1	50

Price Group: SD

AD05

All universal couplings listed above include safety clip.

- **WARNING:** Never use Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 621

Air King™ Blank Ends



Material	Part No.	Pkg Qty	Price $ (ea)
Iron	GAM0	25	11.87
Brass	AB0	25	46.90
Stainless Steel	RAM0	-	40.89

Price Group: SD

Three Way Connections



Material	Part No.	Pkg Qty	Price $ (ea)
Iron	GAM10	25	21.81
Brass	AB10	25	61.31

Price Group: SD

AD05

Note: Universal couplings listed above include safety clip.

- **WARNING:** Never use Couplings for steam service! None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

Accessories

Features:	• 2 lug couplings use the same size washer (AWR4, AWS6) • 4 lug couplings use the same size washer (AWR14) Neoprene is oil resistant.
Temperature:	Rubber: -29° C to 71° C Neoprene: -29° C to 88° C FKM: -30° C to 200° C



Washers

Description	Part No.	Pkg Qty	Price $ (ea)
Rubber	AWR4	50	1.35
Neoprene	AWS6	50	1.60
FKM	AWR4V	50	8.10

Price Group: SD



Safety Clips

Part No.	Pkg Qty	Price $ (ea)
AC1	25	0.38

Price Group: SD



Air King™ Safety Clips

Size (mm)	Part No.	Pkg Qty	Price $ (ea)
1.5	AKSP1	25	2.27
2	AKSP25	25	4.57

Price Group: SD



ACL8



LR7

Lanyards

Part No.	Pkg Qty	Price $ (ea)
ACL8	25	1.38
LR7	-	12.82

Price Group: SD

AL02



Stainless Steel Clips

Part No.	Pkg Qty	Price $ (ea)
AC7	-	1.84

Price Group: SD

AD05

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 621

Air King™ with Ferrules

Application:	Malleable Iron and Stainless Steel Air King™ with Carbon Steel Ferrules can be crimped or swaged-on. Rated to 150 PSI Working Pressure.



Iron

Size (inch)	Hose OD Range (mm)		Part No.	Price $ (ea)
	From:	To:		
½	21.43	26.19	AM1WF	31.26
¾	26.99	34.13	AM6WF	POR
1	32.54	38.89	AM11WF-1	32.09
1	37.31	43.66	AM11WF	56.32

Price Group: SD

AD05

Stainless Steel

Size (inch)	Hose OD Range (mm)		Part No.	Price $ (ea)
	From:	To:		
½	21.43	26.19	RAM1WF	85.97
¾	26.99	34.13	RAM6WF	51.39
1	37.31	43.66	RAM11WF	143.87

Price Group: SD

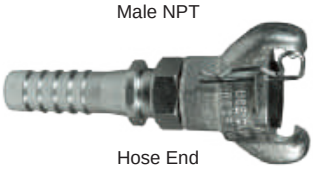
AD05

- Iron and stainless steel Air King™ with carbon steel ferrules can be crimped or externally swaged.
- Rated to 150PSI working pressure.
- For air and water service only.

Air King™ Universal Swivels



Male NPT



Hose End



Female NPT

Size (inch)	Part No.	Price $ (ea)
½ Male NPT	AM2SWIV	107.77
¾ Male NPT	AM7SWIV	114.91
¾ Female NPT	AM8SWIV	141.71

Price Group: SD

AD05

- These Universal Swivel fittings interchange with other Air King™ fittings and include a heavy-duty, free-turning joint that will swivel under pressure to prevent hose kinking. Working Pressure: 150PSI. Malleable Iron.
- For Air and Water Service Only.

Air King™ Double Bolt Clamps



Plated Iron

Size (inch)	Hose OD Range (mm)		Torque[1] ft/lb	Part No.	Pkg Qty	Price $ (ea)
	From:	To:				
⅜	17.46	22.23	6	CD [3]	100	11.85
½	25.4	30.16	6	A4	50	12.96
¾	28.58	33.34	12	A9	50	15.65
1	33.34	38.10	12	A10 [2, 3]	50	18.55
1	38.10	46.04	21	A14	50	25.70

Price Group: SD

AD04

[1] Recommended Torque rating in ft. lbs.
[2] Can be used with GAM6 and GAM11 (refer to page 130)
[3] Investment cast carbon steel

Note: Torque values for clamps are based on "dry bolts". The use of lubricant on bolts will adversely affect clamp performance.

WARNING: Never use Air King™ Clamp for steam service!
None of Dixon™'s catalogue information is to be interpreted to mean that this type of coupling is suitable for use on steam hose.

FOR SPECIFICATIONS, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 621

Minsup™ Ground Joints

minsup

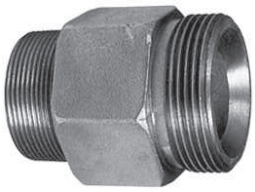
The Minsup™ Ground Joint, is an all purpose coupling. The spud part of the connection is usually fixed to plant. The nut and tail are assembled onto hose with a suitable clamp. The two halves are connected or disconnected by rotating the wing nut on the spud.

Materials:	SG iron ISO 1083-400-250-15 Zinc Plated to AS1789
Thread Designation:	8" TPI (Wing Nut) BSP tapered Male to ISO 7-1 BSP Parallel Female to ISO 7-1



Wing Nut				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/007	0.84	122.35

Price Group: SD



Spud Male BSP				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/005	1.22	112.63

Price Group: SD



Spud Female BSP				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/002	0.72	116.34

Price Group: SD



Tail				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/008	0.79	118.26

Lugged to accept 08/023/03/000 Minsup™ Claw, refer to page 216.



Price Group: SD

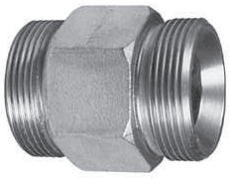


Cor-O-Zig Tail				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/009	1.1	120.85

Designed for use with Boss™ clamps, refer pages 217-218.
Not to be used with #250, #275 or #306 Boss™ Clamps.



Price Group: SD



Double Spud				
Nom. ID	**Size (mm)**	**Part No.**	**Weight (kg)**	**Price $**
2"	50	08/014/02/004	1.35	112.96

Price Group: SD

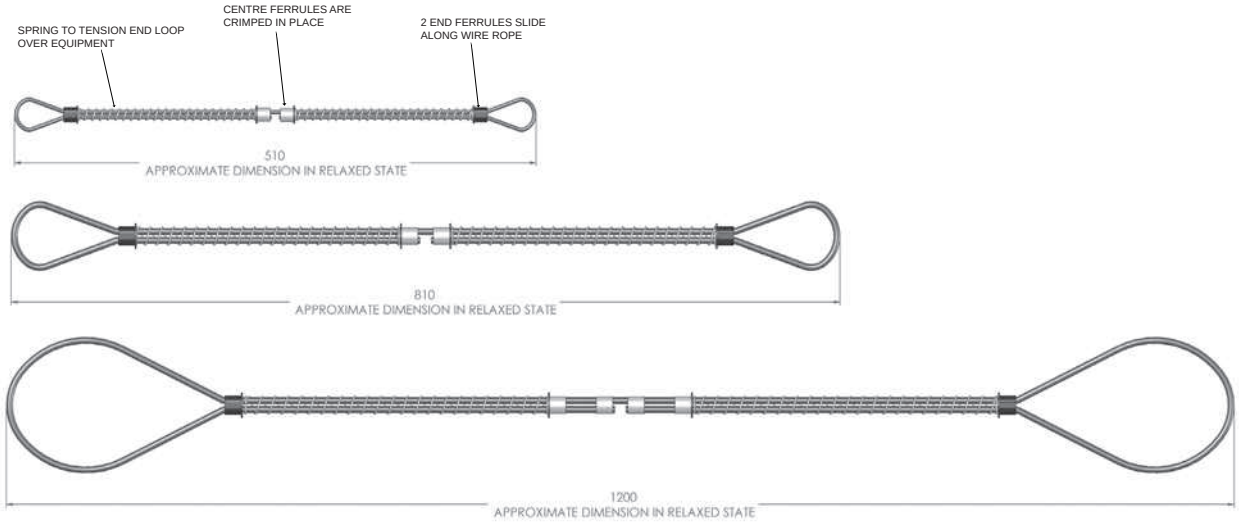
AC02

Note: Minsup™ Ground Joints are not interchangeable with the Dixon™ Ground Joints

Minsup™ Whipchecks

minsup

Application:	Crimped steel ferrules suitable for use in underground coal mines.
Pressure:	Max: 200 PSI WP for Air
Features:	• Hose-to-hose • Eliminates injuries caused by broken air hose connections • Highly resistant to rust and corrosion • No tools needed - Easy to install and remove
Wire Rope:	G1570 FC Galvanised Steel
Ferrules:	Mild steel
Spring:	Zinc plated steel spring



Cable	Cable Size (mm)	Hose ID (inch)	Part No.	Max Break Force (kN)	Length (mm)	Price $ (ea)
Small	3.5	⅜ - 1¼	08/023/90/000	5.6	510	29.55
Medium	6	1¼ - 2	08/023/91/000	17.6	810	56.96
Large	6	2½ - 4	08/023/92/000	17.6	1200	86.24

Price Group: SD

AD03

Wire Cable Stockings

Application:	Ideally suited to heavy industrial, mining, quarries or construction industries where the transfer of media is under high working pressures.
Features:	These strong steel cable stockings prevent hose whip in case of a burst hose or accidental separation of the coupling or clamp device.
Construction:	• 2070 galvanised wire construction • Alloy ferrules • Heavy duty galvanised thimbles • Heat shrink safety protection
Other:	Also available with stainless steel wire, copper ferrules and stainless steel thimbles. Other Configurations: • Single offset eye • 4 eye (double eye double end) Manufactured to suit OD and application.



Part No.	Suit Hose OD (mm)	Wire Dia (mm)	Sets x Plys (mm)	Eye Length (mm)	Net Grip Length (mm)	Aggregate Breaking Strength All Strands		Ultimate Tensile Strength (kN)	Price $ (ea)
						kg	kN		
CS30-40	28-40	1.5	6x2	200	600	5800	57	24	200.81
CS40-50	40-50	1.5	6x2	230	800	5800	57	35	213.59
CS50-60	50-60	2	6x2	290	800	10000	100	62	297.60
CS60-70	60-70	2	6x2	290	900	10000	100	62	271.22
CS70-85	70-85	2	6x2	290	1000	10000	100	62	334.67
CS85-100	85-100	2.5	6x2	390	1000	16000	158	98	417.44
CS100-120	100-120	2.5	6x2	400	1200	16000	158	133	478.07
CS120-150	120-150	2.5	8x2	420	1400	21500	211	187	609.54
CS150-190	150-190	3	8x2	450	1600	31000	305	283	1116.52

Price Group: SD

AD03

King Cable™

Application:	These strong steel cables prevent hose whip in case of accidental separation of coupling or clamp device. King Cable™ reaches across the hose fittings to provide stand by safety for hose. Spring-loaded loops in the cable ends open easily to pass over the couplings for a firm grip on the hose. Thoroughly tested with years of service. King Cable™ should be installed in the extended position (no slack).
Features	• Must be installed in the extended position (no slack). • Cable reaches across hose fittings to provide standby safety for hose. • Spring-loaded loops open easily to pass over the couplings for a firm grip on the hose. • No tools needed - easy to install and remove. • Cables shipped with safety restraint labels attached. • Highly resistant to rust and corrosion. • Hose-to-hose or hose-to-rigid outlet. • Maximum operating pressure: **200 PSI.** • Minimizes damage to equipment and injuries to operators in the event hose, couplings or clamps fail, or there is an accidental separation of the assembly.
Materials:	galvanized steel wire rope, aluminium ferrules, galvanized carbon steel springs

Hose End



Tool End

Style WSR for Hose to Tool Service

Cable (mm)	Hose ID (mm)	Length (mm)	Steel		316 Stainless Steel	
			Part No.	Price $ (ea)	Part No.	Price $ (ea)
3	13 - 32	515	WSR1	16.39	WSR1SS	39.28
5	13 - 50	712	WSR3	67.17	---	---
6	38 - 75	956	WSR2	32.51	WSR2SS	111.32
10	100	1118	WSR4	93.53	---	---

Price Group: SD
AD03

Hose End



Hose End

Style WSR for Hose to Hose Service

Cable (mm)	Hose ID (mm)	Length (mm)	Steel		316 Stainless Steel	
			Part No.	Price $ (ea)	Part No.	Price $ (ea)
3	13 - 32	515	WB1	17.46	WB1SS	36.10
5	13 - 50	712	WB3	24.46	---	---
6	38 - 75	956	WA2	41.58	WA2SS	101.10
10	100	1118	WA4	61.79	---	---

Price Group: SD
AD03

- Use King Cable™ to help prevent accidents or injuries resulting from hose or coupling failure.
- A positive Safeguard For Air Hose Connections - Helps You Meet Today's Safety Standards



WSR1E

Other King Cable™ Options

Cable (mm)	Part No.	Description	Materials	Price $ (ea)
3	WSR1E	WSR1 with stainless steel safety marine eye used to connect safety cable to a bolt on tool.	galvanized carbon steel wire rope, aluminum ferrules, galvanized carbon steel springs	107.00

Price Group: SD
AD03

63mm Diameter Pressure Gauges



Features:	Water-proof, shock resistant and closed structures are durable and accurate. All series are liquid-filled – Glycerine filled.
Materials:	Stainless steel case. Brass, bourdon tube.
Specifications:	• **Model:** 323 Series. (Crimped On Bezel-CB) • **Case:** AISI 304 S/S • **Type:** Pressure Gauge • **Nominal Size:** 63mm • **Tubing:** Brass • **Movement:** Brass • **Connection:** Brass ¼" BSPT • **Pointer Type:** General • **Accuracy:** ± 1.5%F.S. (READ ANSI-B40.1 1985) • **Scale:** Dual scale PSI and kPa.

Part No.	Pressure Range		Price $ (ea)	Part No.	Pressure Range		Price $ (ea)
	PSI	kPa			PSI	kPa	
PG00030	0 - 35	0 - 250	30.10	PG01000	0 - 1,160	0 - 8,000	32.46
PG00060	0 - 55	0 - 400	31.65	PG02000	0 - 2,300	0 - 16,000	47.98
PG00085	0 - 85	0 - 600	31.89	PG03500	0 - 3,500	0 - 24,100	30.49
PG00100	0 - 115	0 - 800	31.00	PG05800	0 - 5,800	0 - 40,000	55.92
PG00160	0 - 145	0 - 1,000	30.40	PG06000	0 - 6,000	0 - 41,400	61.07
PG00200	0 - 230	0 - 1,600	31.84	PG08000	0 - 8,000	0 - 55,200	55.95
PG00360	0 - 360	0 - 2,500	33.88	PG10000	0 - 10,000	0 - 69,000	40.95
PG00600	0 - 600	0 - 4,100	32.78	PGAUGEVACCUM	N/A	-100	83.51
PG00800	0 - 870	0 - 6,000	30.62				

• Other varieties of pressure gauges available on request.

Price Group: SD

AN09

100mm Diameter Pressure Gauges



Application:	Light weight, low cost gauge is primarily used in fire protection hydrant assemblies, or where pressure is generally static.
Materials:	Black steel casing, glass face. Brass Bourdon tube.
	• Pressure gauges are available with 65mm face, liquid filled and in other configurations. • Other varieties of pressure gauges available on request.

Part No.	Casing	BSP Inlet Size (inch)	Pressure Range kPa	Price $ (ea)
PG-100-1600	black steel	⅜	0 - 1600	136.05
PG-100-2500	black steel	⅜	0 - 2500	99.25
PG-100-2500-1/2	black steel	½	0 - 2500	51.38
PG-100-2500-SS	stainless steel	⅜	0 - 2500	150.65

Price Group: SD

FP05

Air Operated Oil Lubricators (Turtle)



Component Materials	
Body:	Mild Steel
Venturi:	Cast Steel
Fixed Jet:	Brass
Adjustable Jet:	Mild steel
O-Rings:	Nitrile
Bundy Tubes:	Copper

Style	Thread Type	Oil Capacity (Lt)	Max WP PSI	Part No.	Price $ (ea)
Fixed Jet	1" BSP	1.2	300	08/066/01/000	3371.54
Adjustable Jet	1" BSP	1.2	300	08/066/02/000	383.15

Price Group: SD
AI01

The Minsup™ oil bottle was developed to ensure continuous & adequate lubrication of rockdrills over the length of a normal shift. Why 1.2 Litres? This is the calculated oil usage for one 8 hour shift, when set correctly.
Fixed Jet: 1mm diameter jet designed for use with Rockdrill lubricating oil.
Adjustable Jet: Designed to cater for areas where there is a variation in oil viscosity, pressure and temperature. Adjustable under pressure, clockwise to decrease flow, anti-clockwise to increase flow.
For correct lubrication the oil bottle should not be placed in excess of three meters from the machine ensuring that the oil reaches the machine in mist form.
The 1¼" filler plug has a built in pressure release behind the sealing o-ring to allow pressure to escape in a controlled manner in the case of unintentional opening while under pressure.

* If a higher working pressure is required please contact your local Dixon™ representative.

Minsup™ Line Strainers



sectioned view

Component Materials	
Application:	Designed for use in compressed air systems to eliminate debris reaching expensive air operated tools and equipment. Ideal for industries such as mining and construction where air systems can be subject to high levels of dust and debris.
Material:	Body, SG Iron Strainer, 304 SS Perforated Plate.
Temperature:	-30°C - 200°C
Features:	Removable SS strainer for quick trouble free maintenance. Zinc plated for corrosion protection.

BSP Size (inch)	Max WP PSI	Part No.	Price $ (ea)
1	250	08/090/06/000	1135.61

* NPT available on request

Price Group: SD
AC06

In-Line Lubricators



NPT Sizes	Oil Capacity (ml)	Max WP PSI	Air Flow at 70 PSI	Part No.	Price $ (ea)
15	40	500	30 scfm	PL300	1159.71
20	105	200	70 scfm	PL400	200.41
20	312.5	300	70 scfm	PL400L	275.79
25	454.5	250	100 scfm	PL500	328.56

Price Group: SD
AD05

Designed to protect portable or stationary air tools by efficiently oiling the tool mechanisms. Each time an air tool is operated, a fine mist of oil is injected into it along with the air from the compressor. Installation is recommended within 7.5 meters of the tool to be lubricated. Transparent sight disc allows visual inspection of oil level. Oil flow regulated by screwdriver screw adjustment.

Product Information

TYPE OF OIL TO USE: Use any petroleum-base, non-detergent light weight oil (SAE 10/150SSU) which will readily break up into a mist, i.e., MOBIL DTE light or comparable oil. **DO NOT** use any synthetic oil or oils containing additives or solvents.
Material: Aluminium
• Not recommended for constant flow applications
• For reciprocating tools only
• Minimum flow rate is 30 SCFM

Hose Crimper

Features:	• Hose crimper provides "big tool" crimping advantages at a fraction of the cost. • Rugged, portable and easy to use • Optional dies up to 21mm (15mm I.D. hose available.).

Crimper With Die			
Part No.	Hose OD Range	Weight (kg)	Price $
855	2-17.85 mm	4.08	582.38
855A	11-17 mm	4.53	459.42

Price Group: SD

AN05



Optional Dies						
Die Part No.	Die Bore	Hose O.D		Crimper No. 855	Crimper No. 855A	Price $
		from	to			
856-1	15.9	16.3	17	Standard	Standard	115.78
856-2	14.7	15	15.9	Standard	Standard	75.94
856-3	13.5	13.7	14.3	Standard	Standard	75.47
856-5	17.4	17.5	18	Standard	Optional	77.84
856-7	11.1	11.4	11.9	Optional	Standard	115.47
856-8	19.1	19.3	19.8	Optional	Optional	140.15
856-9	20.6	20.8	21.4	Optional	Optional	83.74
856-10	9.5	9.8	10.3	Optional	Optional	114.58

Price Group: SD

AN05

860 Large Hose Crimper

Features:	• For crimping larger hoses from 22 mm to 40 mm OD. • Crimps standard brass or aluminum ferrules. • Sold without dies • Order separate dies for each hose diameter.

Part No.	Price $
860	955.17

Die Part No.	Hose OD				Price $
	OD	From	To	Finished Crimp Dimension	
861-22	17.5	0.687	0.765	11/16"	80.47
861-23	18.3	0.718	0.796	23/32"	78.08
861-24	19.1	0.750	0.828	3/4"	78.76
861-25	19.8	0.781	0.860	25/32"	80.47
861-26	20.6	0.812	0.890	13/16"	79.72
861-27	21.4	0.843	0.921	27/32"	78.08
861-28	22.2	0.875	0.953	7/8"	80.47
861-29	23.0	0.906	0.985	29/32"	78.08
861-30	23.8	0.937	1.010	15/16"	80.47
861-31	24.6	0.968	1.040	31/32"	80.47
861-32	25.4	1.000	1.070	1"	80.46
861-33	26.2	1.031	1.110	1-1/32"	80.46
861-34	27.0	1.062	1.114	1-1/16"	80.46
861-36	28.6	1.125	1.208	1-1/8"	80.22
861-38	30.2	1.187	1.265	1-3/16"	80.01
861-40	31.8	1.250	1.321	1-1/4"	80.46
861-42	33.3	1.312	1.390	1-5/16"	80.46
861-46	36.5	1.437	1.551	1-7/16"	78.68
861-48	38.1	1.500	1.578	1-1/2"	80.22



Price Group: SD

AN05

Brass Ferrule Crimper - Air Operated



The mass production assembly of hose, ferrules and fittings is efficiently handled with this air-operated unit. Foot pedal permits the use of both hands, reduces fatigue and speeds production. Complete with air cylinder, ferrule machine (less dies), fitted hose lengths and necessary control valves. Ready for work bench installation. Crimps all ferrules shown.

Part No.	Price $
1765A	13174.31

Price Group: SD

AN05

D

Brass Ferrule Crimper - Manually Operated



Specifications:	• Crimps all ferrules shown. • Does not include dies. • Refer to page 142 for dies.

Part No.	Base (mm)	Body (mm)	Height (mm)	Weight	Price $
5111A	200 x 75	185	685	12 kgs	1567.35

Price Group: SD

AN05

Brass Ferrules - for Fluid

Application:	For use with general purpose barbed hose tails. Working Pressure will depend on hose, hosetail and ferrule combination. If exact pressure is required contact a Dixon Asia Pacific representative regarding testing.
Ferrule Selection:	Measure hose free OD (outside diameter) with a diameter tape. Select the correct brass ferrule from the table. The correct ID (Inside Diameter) should not exceed 0.8 mm (1/32") above the hose OD just measured.
Crimping:	Ensuring a square cut hose end, slide the ferrule over the hose. Using lubricant on the hose ID and stem OD fully insert the stem into the hose. Select the proper die needed from the table according to your hose OD just measured. Open hose crimper slide fitting into hose crimper, centering the ferrule in the proper die. Crimp the hose.



Part No.	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Standard Industrial Part No.	Ribbed Die** Part No.	Plain Die** Part No.	Pkg Qty	Price $ (ea)*
BF825	20.95	21.43	17.48	.610	---	R27	P28	25	90.80
BF850	21.59	14.43	15.88	.483	Z	R26	P27	25	1.47
BF875	22.22	21.43	17.48	.610	7244A	R25	P26	25	1.20
BFW875	22.23	21.41	17.48	.610	7244A	R25	P26	25	2.04
BFW900	22.86	21.41	17.48	.610	5029A	R24	P25	25	2.07
BFW925	23.79	21.43	17.48	.610	7242A	R23	P24	25	1.60
BFW975	24.77	21.41	17.48	.610	5028A	R21	P22	25	2.66
BFW1025	26.04	21.41	17.60	.610	7114A	R19	P20	25	3.22
BFW1175	29.85	21.41	22.23	.610	7088A	R13	P14	25	2.92
BFMW1050	26.67	15.75	19.05	.635	7145	R18	P19	25	3.79
BFMW1100	27.94	21.41	20.62	.584	5027	R16	P17	25	3.02
BFMW1150	29.21	21.43	22.22	.610	7104A	R15	P15	25	0.90
BFMW1225	31.12	22.23	22.23	.635	875-K	R11	P12	25	5.42
BFMW1275	32.39	22.23	25.40	.635	875-K	R9	P10	25	6.86
BFMW1400	35.56	17.45	28.45	.508	D	R4	P5	25	7.01
BFMW1500	38.10	22.23	28.45	.635	1500	-	P1	25	5.89

** These dies for use with 5111A and ferrule machine.
* Sold in bag quantities only.
Dies for Ferrule Machines are available in standard sets for all ferrules as tabulated (4 segments to a set).
Dies are supplied with plain or ribbed crimping surface. Refer table for dies part numbers.

Price Group: SD

AN04

Brass Ferrules - for Air

Application:	For use with general purpose barbed hose tails. Working Pressure will depend on hose, hosetail and ferrule combination. If exact pressure is required contact a Dixon Asia Pacific representative regarding testing.
Ferrule Selection:	Measure hose free OD (outside diameter) with a diameter tape. Select the correct brass ferrule from the table. The correct ID (Inside Diameter) should not exceed 0.8 mm (1/32") above the hose OD just measured.
Crimping:	Ensuring a square cut hose end, slide the ferrule over the hose. Using lubricant on the hose ID and stem OD fully insert the stem into the hose. Select the proper die needed from the table according to your hose OD just measured. Open hose crimper slide fitting into hose crimper, centering the ferrule in the proper die. Crimp the hose.

D

Part No.	Ferrule ID	Ferrule Length	End Hole Size	Metal Gauge	Standard Industrial Part No.	Ribbed Die** Part No.	Plain Die** Part No.	Pkg Qty	Price $ (ea)*
BFM for Medium Weight Hose									
BFM478	12.14	17.46	8.33	.610	4750	R39	P40	50	1.20
BFM500	12.70	25.40	8.74	0.610	7332	R40	P40	50	1.00
BFM531	13.41	25.40	9.52	0.610	7323	R39	P39	50	0.90
BFM562	14.27	25.40	11.11	.610	7325	R37	P38	50	1.55
BFM593	15.06	25.40	11.11	.610	7326	R36	P37	50	1.97
BFM625	15.88	25.40	11.11	.610	7327	R35	P36	50	1.78
BFM656	16.66	25.40	11.11	.610	7328	R34	P35	50	2.45
BFM687	17.45	25.40	12.70	.610	7329	R33	P34	50	1.86
BFM718	18.24	25.40	15.88	.610	7330	R31	P32	50	1.91
BFM718B	18.24	25.40	12.70	.610	7330B	R31	P32	50	1.76
BFM750	19.05	25.40	15.88	.610	7331	R30	P31	50	1.86
BFM750B	19.05	25.40	12.70	.610	7331B	R30	P31	50	1.88
BFM781	19.84	25.40	15.88	.610	7332	R29	P30	50	1.99
BFM781B	19.84	25.40	12.70	.610	7332B	R29	P30	50	2.10
BFM812	20.62	25.40	15.87	0.610	7333	R28	P28	50	2.79
BFL for Light Weight Hose									
BFL410	10.41	12.70	6.75	.406	620	R41	P42	50	1.02
BFL450	11.43	14.29	8.73	.406	769	R41	P42	50	0.70
BFL548	13.92	12.30	9.53	.381	626	R38	P39	50	0.87
BFL500	12.70	12.70	8.73	.406	624	R40	P41	50	1.11
BFL525	13.34	12.70	8.73	.406	625	R39	P40	50	0.73
BFL564	14.33	19.05	9.53	.483	3588	R37	P38	50	1.10
BFL575	14.61	12.30	11.91	.483	KK	R37	P38	50	0.86
BFL600	15.24	12.70	12.70	.483	JJ	R36	P37	50	1.32
BFL625	15.88	12.70	12.70	.483	II	R35	P36	50	1.06
BFL650	16.51	12.70	12.70	.483	HH	R34	P35	50	1.11
BFL675	17.14	13.10	12.70	0.482	GG	R34	P34	50	POR
BFL725	18.42	13.49	12.70	.483	EE	R31	P32	50	1.07
BFL750	19.05	13.49	12.70	.483	DD	R30	P31	50	1.19
BFL775	19.68	13.48	12.70	0.406	CC	R31	P31	50	0.70





Price Group: SD

AN04

** These dies for use with 5111A and ferrule machine.
* Sold in bag quantities only.

Dies for Ferrule Machines are available in standard sets for all ferrules as tabulated (4 segments to a set).
Dies are supplied with plain or ribbed crimping surface. Refer table for dies part numbers.

Ribbed and Plain Dies



P29



R28

Ferrule ID	Stnd Ind Part #	Bore/Crimp Diameter [1]	Ribbed Die	Price $	Plain Die	Price $
.478"	4750	0.450	R41	284.50	P42	347.16
.500"	7322	0.475	R40	284.50	P40	347.16
.528"	7323	0.500	R39	284.50	P39	347.16
.528"	7324	0.500	R39	284.50	P39	347.16
.562"	7325	0.525	R37	284.50	P38	347.16
.593"	7326	0.550	R36	284.50	P37	347.16
.625"	7327	0.575	R35	284.50	P36	347.16
.656"	7328	0.600	R34	284.50	P35	347.16
.687"	7329	0.625	R33	284.50	P34	347.16
.718"	7330	0.675	R31	284.50	P32	347.16
.718"	7330B	0.675	R31	284.50	P32	347.16
.750"	7331	0.700	R30	284.50	P31	347.16
.750"	7331B	0.700	R30	284.50	P31	347.16
.781"	7332	0.725	R29	284.50	P30	347.16
.781"	7332B	0.725	R29	284.50	P30	347.16
.812"	7333	0.750	R28	284.50	P29	284.50
.380"	622	0.350	R44	284.50	P45	347.16
.400"	619	0.375	R44	284.50	P44	347.16
.410"	620	0.375	R43	284.50	P44	347.16
.450"	769	0.425	R41	284.50	P42	347.16
.500"	624	0.450	R40	284.50	P41	347.16
.525"	625	0.475	R39	284.50	P40	347.16
.548"	626	0.500	R38	284.50	P39	347.16
.564"	3588	0.525	R37	284.50	P38	347.16
.575"	KK	0.525	R37	284.50	P38	347.16
.600"	JJ	0.550	R36	284.50	P37	347.16
.625"	II	0.575	R35	284.50	P36	347.16
.650"	HH	0.600	R34	284.50	P35	347.16
.675"	GG	0.625	R34	284.50	P34	347.16
.725"	EE	0.675	R31	284.50	P32	347.16
.750"	DD	0.675	R30	284.50	P32	347.16
.775"	CC	0.700	R31	284.50	P31	347.16
.800"	---	0.750	R28	284.50	P29	284.50
.825"	---	0.775	R27	284.50	P28	284.50
.850"	Z	0.800	R26	284.50	P27	347.16
.875"	7244A	0.825	R25	284.50	P26	347.16
.900"	5029A	0.850	R24	284.50	P25	347.16
.937"	7242A	0.875	R23	284.50	P24	347.16
.975"	5028A	0.925	R21	284.50	P22	347.16
1.025""	7114A	0.975	R19	284.50	P20	347.16
1.175"	7088A	1.125	R13	284.50	P14	347.16
1.050"	3605	1.000	R18	284.50	P19	347.16
1.100"	5027A	1.050	R16	284.50	P17	347.16
1.150"	7104A	1.100	R15	284.50	P15	284.50
1.225"	875-K	1.175	R11	284.50	P12	347.16
1.275"	875-I	1.225	R9	265.50	P10	347.16
1.400"	D	1.350	R4	284.50	P5	347.16
1.500"	1500	1.450	---	---	P1	284.50

Price Group: SD

[1] Plain die bore diameter can be used as crimp spec ±.005

• dies for use with 5111A and 1765A ferrule machines. Other sizes are available.

AN05

Hose Tail - Barb/Airline

Male P3			
Hose Size (inch)	**BSP Size (inch)**	**Part No.**	**Price $**
1/8	1/8	BP3-0202	5.50
3/16	1/4	BP3-0304	11.27
1/4	1/8	BP3-0402	4.67
1/4	1/4	BP3-0404	4.81
1/4	3/8	BP3-0406	7.45
1/4	1/2	BP3-0408	11.24
5/16	1/8	BP3-0502	4.67
5/16	1/4	BP3-0504	4.81
5/16	3/8	BP3-0506	8.44
5/16	1/2	BP3-0508	10.84
3/8	1/8	BP3-0602	4.67
3/8	1/4	BP3-0604	4.81
3/8	3/8	BP3-0606	7.45
3/8	1/2	BP3-0608	10.84
3/8	3/4	BP3-0612	24.75
1/2	1/8	BP3-0802	5.61
1/2	1/4	BP3-0804	5.61
1/2	3/8	BP3-0806	7.45
1/2	1/2	BP3-0808	10.84
1/2	3/4	BP3-0812	25.08
5/8	1/4	BP3-1004	9.76
5/8	3/8	BP3-1006	10.84
5/8	3/4	BP3-1012	31.76
3/4	3/8	BP3-1206	17.91
3/4	1/2	BP3-1208	17.91
3/4	3/4	BP3-1212	24.89
3/4	1	BP3-1216	35.31
1	1/2	BP3-1608	26.02
1	3/4	BP3-1612	24.89
1	1	BP3-1616	34.08
1 1/4	1 1/4	BP3-2020	51.38
2	2	BP3-3232	90.08



Price Group: SD

AN03

Swivel BSP Hose Tails

Thread (inch)	Hose Tail (mm)	Part No.	Price $
3/8	10	SP30606	31.85
1/2	12	SP30808	61.42
3/4	12	SP30812	93.04
3/4	20	SP31212	43.95
1	25	SP31616	134.69



Price Group: SD

AN03

Nut & Tail Assy - Barb/Airline

Female P5			
Hose Size (inch)	**BSP Size (inch)**	**Part No.**	**Price $**
3/16	1/8	BP5-0302	4.81
3/16	1/4	BP5-0304	5.92
1/4	1/4	BP5-0404	4.81
1/4	3/8	BP5-0406	11.43
5/16	3/8	BP5-0506	7.45
5/16	1/2	BP5-0508	11.50
3/8	3/8	BP5-0606	14.41
3/8	1/2	BP5-0608	11.69
1/2	3/8	BP5-0806	11.69
1/2	1/2	BP5-0808	23.52
3/4	3/4	BP5-1212	33.66



Price Group: SD

AN03

Brass Mender - Barb/Airline



Hose Mender P7			
Hose Size (inch)	**Pkg Qty**	**Part No.**	**Price $**
¼	25	BM2	4.57
5/16	25	BM25	4.60
⅜	25	BM3	5.23
½	25	BM4	6.74
⅝	-	BM5	9.43
1	10	BM8	14.09

Price Group: SD
AN03

D

Elbow - Barb/Airline



Male P6			
Hose Size (inch)	**BSP Size (inch)**	**Part No.**	**Price $**
3/16	⅛	BP6-0302	9.85
¼	¼	BP6-0404	11.41
¼	⅜	BP6-0406	19.03
⅜	½	BP6-0602	11.97
⅜	¼	BP6-0604	12.54
⅜	⅜	BP6-0606	18.15
⅜	½	BP6-0608	22.20
½	¼	BP6-0804	18.15
½	½	BP6-0808	18.57
⅝	⅜	BP6-1006	20.64
⅝	½	BP6-1008	24.18
¾	½	BP6-1208	37.24
¾	¾	BP6-1212	32.66

Price Group: SD
AN03

Tail Piece - Barb/Airline



Female P10			
Hose Size (inch)	**BSP Size (inch)**	**Part No.**	**Price $**
¼	⅛	BP10-0402	6.23
¼	¼	BP10-0404	6.23
⅜	¼	BP10-0604	6.22
⅜	⅜	BP10-0606	9.76
⅜	½	BP10-0608	16.07
½	⅜	BP10-0806	9.76
½	½	BP10-0808	15.46
⅝	½	BP10-1008	27.01
¾	½	BP10-1208	22.11

Price Group: SD
AN03

Elbow Hose - Barb/Airline

Equal Hose Elbow P11		
Hose Size (inch)	**Part No.**	**Price $**
3/16	BP11-03	9.47
5/16	BP11-05	11.14
3/8	BP11-06	19.80
1/2	BP11-08	17.58
5/8	BP11-10	24.09
3/4	BP11-12	32.66



Price Group: SD
AN03

Tee - Barb/Airline

2 Way Hose x Threaded P12			
Hose Size (inch)	**BSP Size (inch)**	**Part No.**	**Price $**
3/16	1/8	BP12-0302	11.41
1/4	1/8	BP12-0402	11.38
5/16	1/4	BP12-0404	17.16
5/16	1/8	BP12-0502	11.41
3/8	1/8	BP12-0602	17.16
3/8	1/4	BP12-0604	17.16
3/8	3/8	BP12-0606	27.11
1/2	3/8	BP12-0806	25.88
5/8	3/8	BP12-1006	34.69
3/4	3/4	BP12-1212	65.09



Price Group: SD
AN03

Tee Equal - Barb/Airline

3 Way Barbed P14		
Hose Size (inch)	**Part No.**	**Price $**
3/16	BP14-03	11.97
1/4	BP14-04	12.25
5/16	BP14-05	11.97
3/8	BP14-06	16.46
1/2	BP14-08	30.94
5/8	BP14-10	48.55
3/4	BP14-12	60.19
1	BP14-16	137.59



Price Group: SD
AN03

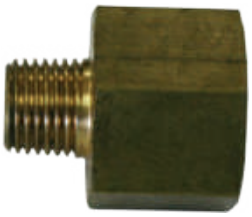
D

Brass Screwed Engineering Fittings



Thread Size BSP (inch)	Bush Reducing BSP A24	
	Part No.	Price $
¼ x ⅛	A24-0402	3.49
⅜ x ¼	A24-0604	4.77
½ x ¼	A24-0804	7.35
¾ x ⅛	A24-1202	15.88
¾ x ¼	A24-1204	13.39
¾ x ⅜	A24-1206	13.70
¾ x ½	A24-1208	12.68
1 x ¼	A24-1604	22.48
1 x ⅜	A24-1606	22.48
1 x ½	A24-1608	23.71
1 x ¾	A24-1612	24.31

Price Group: SD
AN03



Thread Size BSP (inch)	Adaptor Female x Male BSP A72	
	Part No.	Price $
⅛ x ⅛	A72-0202	5.56
¼ x ⅛	A72-0402	4.24
¼ x ¼	A72-0404	6.32
⅜ x ⅛	A72-0602	10.04
⅜ x ¼	A72-0604	8.45
½ x ¼	A72-0804	14.38
½ x ⅜	A72-0806	14.05
½ x ½	A72-0808	14.42
¾ x ½	A72-1208	65.75
¾ x ¾	A72-1212	25.45

Price Group: SD
AN03



Thread Size BSP (inch)	Lock Nut BSP A74	
	Part No.	Price $
⅛	A74-02	3.72
¼	A74-04	3.96
⅜	A74-06	4.84
½	A74-08	5.75
¾	A74-12	3.89

Price Group: SD
AN03



Thread Size BSP (inch)	Socket Hex Female BSP A26	
	Part No.	Price $
⅛	A26-02	2.50
¼	A26-04	4.52
⅜	A26-06	6.74
½	A26-08	10.88
¾	A26-12	17.65
1	A26-16	31.25

Price Group: SD
AN03



Thread Size BSP (inch)	Socket Reducing A29	
	Part No.	Price $
¼ x ⅛	A29-0402	6.69
⅜ x ⅛	A29-0602	8.48
⅜ x ¼	A29-0604	8.11
½ x ⅛	A29-0802	15.18
⅛ x ¼	A29-0804	13.81
½ x ⅜	A29-0806	13.81
¾ x ½	A29-1208	29.74

Price Group: SD
AN03

Brass Screwed Engineering Fittings

Thread Size BSP (inch)	Brass Hex Nipples BSP A27	
	Part No.	Price $
⅛	A27-02	2.63
¼	A27-04	4.74
⅜	A27-06	6.55
½	A27-08	10.94
¾	A27-12	18.96
1	A27-16	30.50

Price Group: SD
AN03



Thread Size BSP (inch)	Reducing Hex Nipples A73	
	Part No.	Price $
⅜ x ⅛	A73-0602	7.02
⅜ x ¼	A73-0604	6.22
½ x ¼	A73-0804	10.65
½ x ⅜	A73-0806	10.65
¾ x ⅜	A73-1206	21.40
¾ x ½	A73-1208	23.99
1 x ¾	A73-1612	38.84

Price Group: SD
AN03



Thread Size BSP (inch)	Cap BSP A33	
	Part No.	Price $
½	B33P-08	6.96
¾	B33P-12	7.40
1	B33P-16	15.53
1¼	B33P-20	21.73
1½	B33P-24	31.82
2	B33P-32	39.03

Price Group: SD
AN03



Thread Size BSP (inch)	Plug Taper Hex BSP A64	
	Part No.	Price $
⅛	A64-02	3.53
¾	A64-12	14.75
1	A64-16	29.03

Price Group: SD
AN03



Thread Size BSP (inch)	Elbow 90° Female BSP A34	
	Part No.	Price $
⅛	A34-02	12.16
¼	A34-04	15.63
⅜	A34-06	22.62
½	A34-08	39.59

Price Group: SD
AN03



Thread Size BSP (inch)	Elbow Male / Female BSP A25	
	Part No.	Price $
⅛	A25-02	6.69
¼	A25-04	18.76
⅜	A25-06	12.83
½	A25-08	29.22

Price Group: SD
AN03



Brass Screwed Engineering Fittings



Thread Size BSP (inch)	Elbow 45° Male / Female BSP A25	
	Part No.	Price $
⅛	A25-4502	12.25
¼	A25-4504	44.82
⅜	A25-4506	30.59
½	A25-4508	34.74

Price Group: SD

AN03



Thread Size BSP (inch)	Male Elbow BSP A48	
	Part No.	Price $
⅛	A48-02	13.23
¼ x ⅛	A48-0402	13.34
¼	A48-04	14.99
⅜ x ¼	A48-0604	22.53
⅜	A48-06	16.21
½	A48-08	29.13

Price Group: SD

AN03



Thread Size BSP (inch)	Tee Equal Female BSP A35	
	Part No.	Price $
¼	A35-04	16.78
⅜	A35-06	30.53
½	A35-08	39.78

Price Group: SD

AN03



Thread Size BSP (inch)	Tee Female Run Male BSP A35MF	
	Part No.	Price $
⅛	A35-02MF	21.49
¼	A35-04MF	23.24
⅜	A35-06MF	29.13

Price Group: SD

AN03



Thread Size BSP (inch)	Cross Female BSP A37	
	Part No.	Price $
⅛	A37-02	18.71
¼	A37-04	24.65
⅜	A37-06	48.41
½	A37-08	70.42

Price Group: SD

AN03

Dixon™ Frac Fittings

Application:	• Used in the fast paced transfer of water and sand slurry to a hydraulic fracturing site.
Features:	• One-piece design eliminates leak path experienced with two-piece threaded systems. • Interchangeable with current fittings; phase them into your current operation. • Long lasting and dependable hammer nut is forged to ASTM 105N standards. • Machined malleable iron stems to ASTM A47 standard. • Durable and safe with reliable hose retention when crimped as specified. • 400 PSI working pressure at 21°C • 400 PSI working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with Dixon™ carbon steel ferrule part numbers CF400-6CSHD through CF400-16CSHD, refer to page 151. • When assembling hose with abrasion covers, such as UHMW polyethylene, you will need to use Dixon™'s heavy duty (HD) carbon steel ferrule part numbers CF400-6CSHD through CF400-16CSHD, refer to page 151.
Material:	• All stems are zinc plated

Complete Male / Female Assembly

Size (inch)	Figure	Part No.	Price $
2	206	HUMF206200CS	420.00
3	100	HUMF100300CS	682.22
	206	HUMF206300CS	537.18
4	100	HUMF100400CS	579.93
	206	HUMF206400CS	507.45
6	100	HUMF100600CS	1611.54
	206	HUMF206600CS	1611.54
8	100 [1]	HUMF100800CS [1]	1866.61
	206	HUMF206800CS [1]	1873.45

Price Group: SD
AN08



4"

Female

Size (inch)	Figure	Part No.	Price $
2	206	HUF206200CS	211.51
3	100	HUF100300CS	243.77
	206	HUF206300CS	245.05
4	100	HUF100400CS	257.15
	206	HUF206400CS	713.11
6	100	HUF100600CS	1032.50
	206	HUF206600CS	1032.50
8	100 [1]	HUF100800CS [1]	POR
	206	CS [1]	POR

Price Group: SD
AN08



3" and 4"



8"

Male with Nut

Size (inch)	Figure	Part No.	Price $
2	206	HUM206200CS [1]	250.00
3	100	HUM100300CS	408.25
	206	HUM206300CS [1]	300.82
4	100	HUM100400CS	327.38
	206	HUM206400CS [1]	244.00
6	100	HUM100600CS	935.77
	206	HUM206600CS [1]	1070.89
8	100	HUM100800CS	1091.55
	206	HUM206800CS [1]	1285.40

Price Group: SD
AN08

[1] meets both figure 100 and 206 dimensional specifications



HUM206300CS & HUM206400CS



HUM206600CS & HUM206800CS

Dixon™ Frac Fittings

Application:	• Used in the fast paced transfer of water and sand slurry to a hydraulic fracturing site.
Features:	• One-piece design eliminates leak path experienced with two-piece threaded systems. • Interchangeable with current fittings; phase them into your current operation. • Long lasting and dependable hammer nut is forged to ASTM 105N standards. • Machined malleable iron stems to ASTM A47 standard. • Durable and safe with reliable hose retention when crimped as specified. • 400 PSI working pressure at 21°C • 400 PSI working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with Dixon™ carbon steel ferrule part numbers CF400-6CSHD through CF400-16CSHD, refer to page 151. • When assembling hose with abrasion covers, such as UHMW polyethylene, you will need to use Dixon™'s heavy duty (HD) carbon steel ferrule part numbers CF400-6CSHD through CF400-16CSHD, refer to page 151.
Material:	• All stems are zinc plated

Suction Service Fittings



HUSM500SW-1



HUSF500SW

Figure 206				
Size (inch)	**Figure**	**Description**	**Part No.**	**Price $**
5	50	socket weld x suction male hammer union (includes O-ring, no nut)	HUSM500SW-1	305.45
	50	socket weld x suction female hammer union	HUSF500SW	391.80
	N/A	split nut, suction and discharge, black	HUS500RN	200.54

Price Group: SD
AN08

Dixon™ Figure 206 O-rings



Figure 206				
Size (inch)	**Description**	**Part No.**	**Price $**	**Material**
2	Figure 206 O-ring	O288BU	10.00	Buna-N
3	Figure 206 O-ring	O238BU	12.70	
4	Figure 206 O-ring	O347BU	15.22	
4	Figure 206 Cap O-ring	O429BU	11.40	
6	Figure 206 O-ring	O440BU	12.60	
8	Figure 206 O-ring	O447BU	10.94	

Price Group: SD
AN08

King Crimp™ Style Short Frac Ferrules



Carbon Steel							
Hose ID	**Hose OD**		**Ferrule Wall Thickness**	**Ferrule ID**	**Ferrule Over-all Length**	**Part No.**	**Price $**
	From	**To**					
8"	8-29/64"	8-36/64"	.120"	8.625"	4.25"	CFS800-1CS	156.16
	8-37/64"	8-44/64"	.120"	8.750"	4.25"	CFS800-2CS	156.16
	8-45/64"	8-52/64"	.120"	8.875"	4.25"	CFS800-3CS	156.16
	8-53/64"	8-60/64"	.120"	9.000"	4.25"	CFS800-4CS	156.16
	8-61/64"	9-4/64"	.120"	9.125"	4.25"	CFS800-5CS	156.16
	9-5/64"	9-12/64"	.120"	9.250"	4.25"	CFS800-6CS	156.16
	9-13/64"	9-20/64"	.120"	9.375"	4.25"	CFS800-7CS	156.16
	9-21/64"	9-28/64"	.120"	9.500"	4.25"	CFS800-8CS	156.16

Price Group: SD
AN06

King Crimp™ Style Heavy Duty Ferrules

Feature:	• 400 PSI working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with heavy duty (HD) crimp ferrules, CF400-6CSHD through CF400-16CSHD.



Hose ID (inch)	Hose OD (mm)		Carbon Steel		Ferrule ID (inch)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Heavy Duty (HD) Part No.	Price $			
4	114.70	115.90	CF400-6CSHD	81.80	4.625	3.05	102
	116.30	117.50	CF400-7CSHD	97.11	4.688	3.05	102
	117.90	119.10	CF400-8CSHD	97.11	4.750	3.05	102
	119.45	120.65	CF400-9CSHD	97.11	4.813	3.05	102
	121.00	122.25	CF400-10CSHD	97.11	4.875	3.05	102
	122.60	123.80	CF400-11CSHD	49.29	4.938	3.05	102
	124.20	125.40	CF400-12CSHD	68.10	5.000	3.05	102
	125.80	127.00	CF400-13CSHD	236.67	5.063	3.05	102
	127.40	128.60	CF400-14CSHD	69.21	5.125	3.05	102
	129.00	130.20	CF400-15CSHD	62.49	5.188	3.05	102
	130.60	131.80	CF400-16CSHD	81.80	5.250	3.05	102

Price Group: SD

AD06

D

Only use the crimp style shanks with the crimp style sleeves and ferrules. Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon™ products.

King Crimp™ Style Sleeves

Option:	• Consult Dixon™ for additional sleeve sizes



Hose ID (inch)	Carbon Steel		Sleeve ID (inch)	Sleeve Wall Thickness (mm)	Sleeve Overall Length (mm)
	Part No.	Price $			
8	S830X875X120CS	120.90	8.30	3.05	222
	S838X600X120CS	120.90	8.38	3.05	152
	S850X650X120CS	120.90	8.50	3.05	165
	S875X600X120CS	120.90	8.75	3.05	152
	S898X875X120CS	120.90	8.98	3.05	222
	S900X400X090CS	120.90	9.00	3.05	102
	S900X400X120CS	120.90	9.00	3.05	102
	S900X600X120CS	120.90	9.00	3.05	152
	S910X400X120CS	221.65	9.10	3.05	102
	S912X600X120CS	120.90	9.12	3.05	152
	S915X600X120CS	120.90	9.15	3.05	152
	S925X600X120CS	120.90	9.25	3.05	152
	S925X400X120CS	120.90	9.25	3.05	102
	S950X400X120CS	120.90	9.50	3.05	102
	S950X600X120CS	120.90	9.50	3.05	152
	S975X600X120CS	120.90	9.75	3.05	152
10	S1025X750X120CS	120.90	10.25	3.05	191
	S1050X750X120CS	120.90	10.50	3.05	191
	S1100X600X120CS	120.90	11.00	3.05	152
	S1175X600X120CS	251.88	11.75	3.05	152

Price Group: SD

AD06

Dixon™ One-Piece Hammer Union Nuts



3" and 4"



6" and 8"

Features:	• Long lasting and dependable nut • All nuts are interchangeable with reliable brands • Cold working pressure: 2,000 PSI • 6" and 8" sizes have 4 lug design for more surface area to hammer
Material:	• Forged steel meeting AISI standards

Forged Steel			
Size (inch)	**Description**	**Part No.**	**Price $**
3	Wing nut, figure 100	HU100300N	72.96
3	Wing nut, figure 206	HU206300N	114.16
4	Wing nut, figure 100	HU100400N	97.74
4	Wing nut, figure 206	HU206400N	127.54
6	Wing nut, figure 100	HU100600N	195.24
6	Wing nut, figure 206	HU206600N	802.55
8	Wing nut, figure 100	HU100800N	205.62
8	Wing nut, figure 206	HU206800N	230.31

Price Group: SD

AD08

Dixon™ Two-Piece Hammer Union Nuts



figure 200 / 206



suction and discharge

Application:	• Replacement for damaged hammer union nuts • Used with male one-piece flange adaptors
Features:	• Lug design provides enlarged surface area to hammer • Repair nut is pinned and bolted for perfect alignment • Nut can be installed on pre-existing hammer union assembly • Cold working pressure: 2,000 PSI • 4" figure 200/206 nut is interchangeable with reliable brands • 6" and 8" figure 100/200/206 nuts are interchangeable with reliable brands • Available in other series and sizes, contact Dixon™
Material:	• Forged steel meeting AISI standards

Forged Steel			
Size (inch)	**Description**	**Part No.**	**Price $**
4	Split nut, figure 200/206, blue (includes bolts)	HU200400RN	146.57
5	Split nut, suction and discharge, black	HUS500RN	200.54
6	Split nut, figure 100, black (includes bolts)	HU100600RN	310.59
6	Split nut, figure 200/206, blue (includes bolts)	HU200600RN	195.76
8	Split nut, figure 100, black (includes bolts)	HU100800RN	343.67
8	Split nut, figure 200/206, blue (includes bolts)	HU200800RN	352.39

Price Group: SD

AD08

Dixon™ recommends using Loctite® Threadlocker Red 271™ when bolting together two-piece hammer union nuts to ensure that bolts do not loosen when in service. Option two is to weld the seams of the split nut. Bolt torque recommendation is 60 foot pounds.

Dixon™ One-Piece Flange Adaptors

Applications:	• Used in the transfer of water, brine, water-based chemicals, water-based acids, and gelatinous proppant (sand) slurry used at hydraulic fracturing sites • Used with HU200400RN two-piece nut
Features:	• Flange x female or male hammer union straights (standard or short length) • 45° elbows in female and male (flange x hammer union) • No welds or pipe threads to deteriorate and cause premature leakage • Two-piece nut is pinned and bolted for perfect alignment • All 4" figure 206 threads are interchangeable with other reliable brands • All 4" 150# flanges are compatible with other reliable brands
Materials:	• Iron adaptors meet ASTM standards • Forged steel nuts meet AISI standards



male adaptor x flange with hammer union nut



female adaptor x flange



male adaptor x 45° flange with hammer union nut

Figure 206

Size (inch)	Overall Length (mm)	Description	Part No.	Price $
4	131.20	female hammer union x 150# flange	HUF206400FLG	419.90
	76.00	female hammer union x 150# flange short	HUF206400FLG-ST	345.76
	279.00	female hammer union x 150# flange 45° elbow	HUF206400FLG-45	820.52
	131.00 (with nut)	male hammer union x 150# flange includes nut and Buna-N O-ring	HUM206400FLG	573.07
	87.00 (with nut)	male hammer union x 150# short flange includes nut and Buna-N O-ring	HUM206400FLG-ST	581.13
	306.00 (with nut)	male hammer union x 150# flange 45° elbow includes nut and Buna-N O-ring	HUM206400FLG-45	815.87
	---	O-ring (Buna-N)	O347BU	15.22

Price Group: SD

AD08

Hammer Union Caps and Plugs

Applications:	• Prevents leakage of hydraulic fracturing fluids from hammer union connections. • Used in pressurized service on site or when transferring equipment.
Features:	• Forged steel construction ensures longevity, reliability, and performance • Designed with larger handle for easier installation and disassembling • Design includes a handle hole to attach chain or cable
Material:	• Forged steel meeting AISI standards



cap



plug

Figure 206

Size (inch)	Description	Part No.	Price $
4	hammer union cap	HUC207400	209.94
	hammer union plug	HUP207400	284.17

Price Group: SD

AD08

Hookie - Hook Hose Lifter

Features:	• For use with hammer unions • Safe working load is 4 tons, with a proof load test of 8 tons • Supplied complete with retaining clamp

Forged Carbon Steel

Size (inch)	Part No.	Price $
3	HA0900-3	679.83
4	HA0900-4	679.83
5	HA0900-5	679.83

Price Group: SD

AD08



Hammer Unions

Features:	• Butt weld configurations and other materials are available, contact Dixon™ for further information. • Temperature rating: -32°C - 93°C Non-shocking cold water pressure means that the rated value is the maximum pressure at ambient temperature: • no spikes higher than this pressure. • no instantaneous pressure increases (0-2000 PSIG in ¼ of a second) • ambient termperature: 21°C

Hammer unions work at extremely high pressures. Mismatching components of one series with another (ie series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.

100 Series



Application:	Used on low pressure manifolds and lines and in applications running air, water, oil or gas up to 1000 PSI NSCWP (non-shock cold working pressure).
Feature:	Butt weld ends are schedule 80
Colour:	Yellow sub, black nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
2	FNPT Threaded	1000	HU100200	87.26
2	Welded	1000	HU100200BW	90.32
2½	FNPT Threaded	1000	HU100250	196.34
3	FNPT Threaded	1000	HU100300	240.35
4	FNPT Threaded	1000	HU100400	271.54
4	Welded	1000	HU100400BW	356.99
6	FNPT Threaded	1000	HU100600	890.54
8	FNPT Threaded	1000	HU100800	1085.93

Price Group: SD
AD08

200 Series



Application:	Used in general service applications running air, water, oil or gas up to 2000 PSI NSCWP (non-shock cold working pressure)
Feature:	Butt weld ends are schedule 80
Colour:	Grey sub, blue nut

200 Series

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
1	FNPT Threaded	2000	HU200100	38.73
1½	FNPT Threaded	2000	HU200150	149.81
2	FNPT Threaded	2000	HU200200	80.43
2	Welded	2000	HU200200BW	110.31
2½	FNPT Threaded	2000	HU200250	256.78
3	FNPT Threaded	2000	HU200300	239.81
4	FNPT Threaded	2000	HU200400	374.07
6	FNPT Threaded	2000	HU200600	1102.45
8	FNPT Threaded	2000	HU200800	2322.96

Price Group: SD
AD08

206 Series



Application:	Runs air, water, oil or gas up to 2000 PSI NSCWP (non-shock cold working pressure)
Design:	O-ring mounted sub provides excellent sealing properties
Colour:	Grey sub, blue nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
1	FNPT Threaded	2000	HU206100	47.60
1½	FNPT Threaded	2000	HU206150	112.34
2	FNPT Threaded	2000	HU206200	75.36
2½	FNPT Threaded	2000	HU206250	223.12
3	FNPT Threaded	2000	HU206300	434.10
4	FNPT Threaded	2000	HU206400	583.67
6	FNPT Threaded	2000	HU206600	1192.07
8	FNPT Threaded	2000	HU206800	2553.56

Price Group: SD
AD08

Hammer Unions (continued)

Features:	• Butt weld configurations and other materials are available, contact Dixon™ for further information.
	• Temperature rating: -32°C - 93°C
	• Non-shocking cold water pressure means that the rated value is the maximum pressure at ambient temperature:
	  • No spikes higher than this pressure.
	  • No instantaneous pressure increases (0-2000 PSIG in ¼ of a second)
	  • Ambient temperature: 21°C

Hammer unions work at extremely high pressures. Mismatching components of one series with another (ie series 602 with series 1502) can lead to destruction of property, serious bodily injury or death.

400 Series

Application:	Used on manifold and line connections, pump, suction and mud service. Up to 4000 PSI NSCWP (non-shock cold working pressure).
Colour:	Red sub, black nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
2	FNPT Threaded	4000	HU400200	431.04
3	FNPT Threaded	4000	HU400300	977.36
4	FNPT Threaded	4000	HU400400	1230.81

Price Group: SD
AD08



602 Series

Application:	For use in mud, manifold service and truck mounting applications running air, water, oil, gas or mud up to 6000 PSI NSCWP (non-shock cold working pressure)
Design:	Lip type seal ring minimizes fluid flow turbulence while creating a pressure seal.
Colour:	Orange sub, black nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
1	FNPT Threaded	6000	HU602100	274.90
2	FNPT Threaded	6000	HU602200	406.35
2	Buttweld	6000	HU602200BW	474.07
3	FNPT Threaded	6000	HU602300	729.59
3	Buttweld	6000	HU602300BW	1386.22
4	FNPT Threaded	6000	HU602400	1138.16
4	Buttweld	6000	HU602400BW	1047.08

Price Group: SD
AD08



1002 Series

Application:	For use in high pressure systems and truck mounting applications running air, water, oil, gas or mud up to 10000 PSI NSCWP (non-shock cold working pressure)
Design:	Lip type seal ring minimizes fluid flow turbulence while creating a pressure seal.
Colour:	Blue sub, red nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
1	FNPT Threaded	10000	HU1002100	189.50
2	FNPT Threaded	10000	HU1002200	382.87
2	Buttweld	10000	HU1002200BW	545.19
3	FNPT Threaded	10000	HU1002300	729.59
3	Buttweld	10000	HU1002300BW	1232.59
4	FNPT Threaded	10000	HU1002400	837.80
4	Buttweld	10000	HU1002400BW	1517.54

Price Group: SD
AD08



1502 Series

Application:	For use in extreme high pressure applications running air, water, oil, gas or mud up to 15000 PSI NSCWP (non-shock cold working pressure)
Design:	Lip type seal ring minimizes fluid flow turbulence while creating a pressure seal.
Colour:	Red sub, blue nut

Size (inch)	Configuration	NSCWP	Forged Steel	
			Part No.	Price $ (ea)
1	FNPT Threaded	15000	HU1502100	364.79
2	FNPT Threaded	15000	HU1502200	441.79
2	Buttweld	15000	HU1502200BW	766.07
3	FNPT Threaded	15000	HU1502300	1041.27
3	Buttweld	15000	HU1502300BW	1605.09
4	FNPT Threaded	15000	HU1502400	2772.43
4	Buttweld	15000	HU1502400BW	3210.19

Price Group: SD
AD08



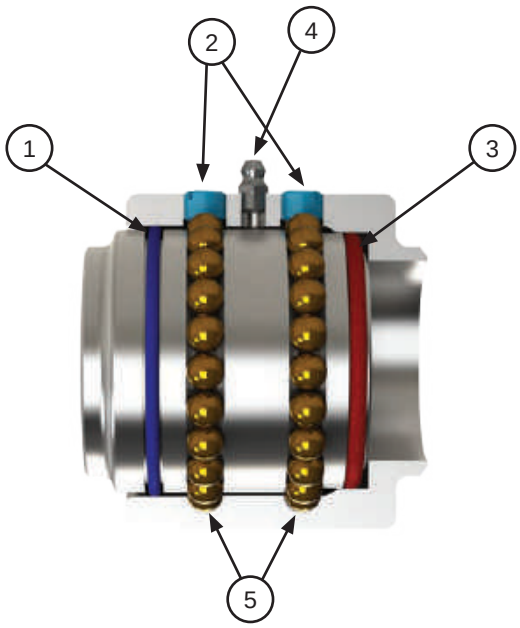
Swivel Joints



Applications:	• Used wherever a leak-proof swivel connection is needed in pipelines or in combination with hoses to eliminate hose twisting • Industries range from petroleum, petrochemical, refining, mining, distilling, paint, farm irrigation and fertilizing, wastewater treatment plants and food and beverage process equipment. Dixon™'s swivel joints are found in blending plants, drum filling applications, fluid and dry bulk transfer, vacuum trucks, oil and gas trucks and water trucks. Larger swivels can be found in the steel industry, marine bulk transfer and many more.
Features:	• Full 360° rotational movement • Wide spacing between dual ball bearing raceways ensures greater load bearing capacity • Precision-machined design ensures alignment and years of trouble-free service • O-ring dust seal protects the ball races and seals chamber from outside elements • Radius elbow design ensures a smooth flow pattern • Hydrostatic testing is performed on all swivels before shipment
Options Available:	• End configurations: female NPT,150# flanges, TTMA flange, grooved, weld end and many other variations • Seal options: Buna, FKM, PTFE, EPDM, FDA Buna, FFKM • Ball bearing materials: carbon steel, 440 stainless steel, and 316 stainless steel • Grease materials: Lithium, FDA approved/food grade and silicone • Swivels that include oxygen, steam or submerged service can be specifically designed for unique applications (special order) • 100% full penetration weld • Re-build kits available • Custom swivel options available, contact Dixon™ at 1300 134 651

D

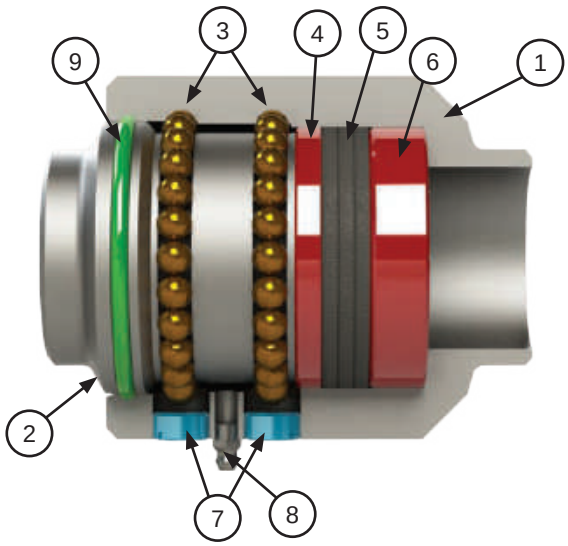
O-ring Swivel Joints - Parts Identification List



1. O-ring (dust) seal
2. ball retainer screw
3. O-ring (pressure) seal
4. grease fitting
5. ball bearings

O-ring Features:
- sizes: 1"-4"
- O-ring pressure seal ensures a leak-proof seal and smooth rotation with lower torque.
- available working pressure ratings up to 1000 PSI (6900 kPa)
- available in carbon steel, 316L stainless steel, aluminum, brass and malleable iron

V-ring Swivel Joints - Parts Identification List



1. body
2. sleeve
3. ball bearings
4. seal retainer
5. V-ring (pressure) seal
6. spring retainer
7. ball retainer screw
8. grease fitting
9. O-ring (dust) seal

V-Ring Features:
- sizes: 2"-12"
- spring loaded triple V-ring sealing system ensures a leak-proof seal at either high or low pressure and extends seal life
- available working pressure ratings up to 1000 PSI (6900 kPa)
- available in carbon steel, 316L stainless steel and limited aluminum

Swivel Joints Style Planes of Rotation - Single Plane Style 20



female NPT x female NPT



150# ASA flange x 150# ASA flange

Single Plane Style 30



female NPT x female NPT



150# ASA flange x 150# ASA flange

Single Plane Style 40



female NPT x female NPT



150# ASA flange x 150# ASA flange

D

Single Plane Style 50



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 60



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 70



female NPT x female NPT



150# ASA flange x 150# ASA flange

Swivel Joints Style Planes of Rotation - Triple Plane Style 80



female NPT x female NPT

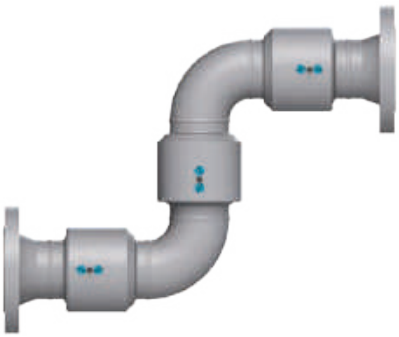


150# ASA flange x 150# ASA flange

Triple Plane Style 10



female NPT x female NPT



150# ASA flange x 150# ASA flange

Working Pressures

Dixon™ swivels are recommended for use at the following maximum Non-Shock Cold Working Pressures (NSCWP) provided in PSI, at ambient temperatures 21°C.

Size	V-ring *Carbon Steel* **CS**	O-ring *Carbon Steel* **OC**	V-ring *Stainless Steel* **SS**	O-ring *Stainless Steel* **OS**	*Aluminum* **AL**	*Brass* **BR**	*Malleable Iron* **MI**
1"	---	1000	---	1000	150	---	---
1¼"	---	---	---	---	150	---	---
1½"	---	1000	---	1000	150	300	600
2"	1000	1000	1000	1000	150	300	600
3"	1000	1000	1000	1000	150	300	600
4"	1000	---	1000	---	150	---	---
6"	1000	---	---	---	150	---	---
8"	---	---	---	---	150	---	---

- When using flanged ends, the pressure rating will be reduced to coincide with that of the flange being used. Carbon steel and stainless steel 150# flanges are recommended for use at 275 maximum PSI at ambient temperature 21°C (70°F).
- Lubrication should be performed periodically, depending on service and operating conditions. Twice yearly is normally sufficient.
- All dimensions are approximate. Where critical, contact Dixon™ at 1300 134 651.

Ordering Information - Swivels

Size	
Style (Shape)	
End Configuration	
Material	
Maximum Working Pressure	
Temperature Range	
Media: specify product being handled (if chemical, advise concentration)	
Submerged or Oxygen Service	
If for constant rotation, advise RPM	
If for suction service, advise maximum vacuum in inches of mercury (Hg)	

Our Sales and Engineering staff will be happy to help you evaluate your swivel application. Please call 1300 134 651

Ordering Information • Swivels

Example: 2 [A] 20 [B] F [C] X F [C] CS [D] 0 [E] 0 [F] 1 [G] 0 [H] 0 [I]

A Size					
B Style					
C End Connections	**W** Weld End	**F** Female NPT	**FG** 150# ASA Flange	**TF** Tank Truck Flange	**PF** 300# ASA Flange (not available in aluminum
D Material	**CS (V-ring) Carbon Steel** OC (O-ring) Carbon Steel	**SS (V-ring) Stainless Steel** OS (O-ring) Stainless Steel	**AL** Aluminum	**BR** Brass	**MI** Malleable Iron

Code	E Pressure Seal	F Dust Seal	G Retainers	H Ball Bearings	I Grease
0	Buna N (Standard)	Buna N (Standard)	No Retainers (O-ring Swivel)	Carbon Steel (Standard)	Lithium
1	FKM	FKM	Aluminum (Standard in CS V-ring)	440 Grade SS	FDA Approved/ Food Grade
2	PTFE	.....	PTFE (Standard in SS V-ring)	316 Grade SS	Silicone (Required with EPR Seals)
3	Ethylene Propylene (Requires Silicone Grease)	Ethylene Propylene (Requires Silicone Grease)	.....	.....	.....
4	FDA Buna (O-ring Only)	FDA Buna	.....	.....	.....

The Swivel should be packed such that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In a case where the swivel is being used in a submerged service, this would include the dust seals and ball bearings. We always recommend the use of the stainless steel ball bearings when building a swivel for submerged service. Standard carbon steel ball bearings could rust together, making it impossible to disassemble the swivel and may affect operation.

Split Flange Swivels

Application:	Used in petroleum, blending plants, petrochemical, refining, mining, distilling, paint plants, farm irrigation and fertilizing, wastewater treatment, food and beverage process equipment and marine
Features:	Bearing pack design allows easy seal change without removing the ball bearings Simple maintenance: remove one nose piece, replace seal pack, reinstall with little down-time Instream seal separates wetted area from ball bearings allowing for longer bearing pack life over conventional swivels Pressure rating: up to 600 PSI Temperature: -40°C to 232°C depending on seal material (with standard seals: 177°C Wide set bearing race for higher moment loads Compact design for low profile applications
Material:	bearing pack: through hardened forged high carbon alloy material contact surfaces: stainless steel or carbon steel nose pieces
Available Options:	Stock end configurations: 150 lb. and 300 lb. flanges, FNPT, butt weld, others per request Stock seals: Baylast™, FKM, PTFE, others per request Full penetration weld Contact Dixon for additional materials and configurations



Size	Part No.	Description	Price $
2	SF220WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2460.30
3	SF320WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2654.40
4	SF420WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2800.10
2	SF220WXWCS10	carbon steel weld x weld with FKM pressure seals	2369.90
3	SF320WXWCS10	carbon steel weld x weld with FKM pressure seals	2389.40
4	SF420WXWCS10	carbon steel weld x weld with FKM pressure seals	2824.00
2	SF220FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	2664.20
3	SF320FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	2962.60
4	SF420FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	3027.50
2	SF220FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	2552.80
3	SF320FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	2638.90
4	SF420FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	3158.10

Price Group: SD
AD09

Split Flange Swivel Components			
Size (Inch)	**Part No.**	**Description**	**Price $**
2	2SFBP	Carbon steel split flange bearing packs	1587.60
3	3SFBP	Carbon steel split flange bearing packs	1721.00
4	4SFBP	Carbon steel split flange bearing packs	1759.60
Split Flange Nose Pieces (2 required per bearing pack)			
2	2SFNPCS	carbon steel nose pieces	324.70
3	3SFNPCS	carbon steel nose pieces	344.00
4	4SFNPCS	carbon steel nose pieces	380.60
2	2SFNPSS	316 stainless steel nose pieces	865.90
3	3SFNPSS	316 stainless steel nose pieces	930.10
4	4SFNPSS	316 stainless steel nose pieces	1046.00
Seal Kits (1 required per bearing pack)			
2	2SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	116.80
3	3SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	138.80
4	4SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	172.70
2	2SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	129.20
3	3SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	152.80
4	4SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	196.60
2	2SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	199.40
3	3SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	321.90
4	4SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	253.30







Price Group: SD
AD09

Flow Boss™ Heavy Duty Washdown Gun

New Improved Design!



Application:	• For low pressure cleaning and sanitation applications, such as food and dairy processing, tank and drum cleaning, pharmaceutical and chemical manufacturing and meat and poultry packing.
Specifications:	• Flow capacity, 57 lpm at 500kpa / 72 PSI • Maximum operating pressure: 2400 kpa / 350 PSI
Colour:	• Blue rubber cover
Temperature:	• Rubber coated handle protects hands from water temperatures to 80°C.
Thread:	• ½" BSP female
Features:	• Insulated covers for heat protection. • All stainless steel & brass construction for superior corrosion resistance. • Flow indication arrow & arrest clip. • Hollow cone spray pattern
	• New improved design with high flow rate. • Increased strength & durability. • Complete serviceability. • Upgraded seal design for superior pressure tightness. • Hose connects at base of gun for easy manoeuvring. • Ergonomic design for operator comfort. ½" BSP female inlet.

Body	Part No.	Price $
Flow Boss™ Gun	DWG050A	221.38

Price Group: SD
AT01

Trigger Spray Guns



Insulated Water Nozzle

Specifications:	• Heavy duty brass valve and adjusting nut. • Chrome plated all zinc body. • Industrial strength nylon handle. • Rubber head guard on threaded GHT front version.
Pressure:	Max. working pressure: 620 kPa/90PSI Max. flow rate: 23 L/min
Temperature:	Hot water up to 82°C.
Thread:	Inlet (handle) ¾" BSP female Outlet (nozzle attachment) ¾" GHT
Feature:	Hold open clip locks any spray pattern.

Part No.	Inlet Thread Size	Outlet Thread Size	Price $
SN75A	¾" BSP	GHT	71.45

Price Group: SD
AT01



Pistol-Grip Water Nozzle

Specifications:	• Heavy duty all zinc metallized body. • All brass valve stem and adjusting nut. • Stainless steel spring with lifetime packing. • Made in USA
Pressure:	Max. working pressure: 620 kPa/90 PSI Max. flow rate: 23 L/min
Thread:	Inlet (handle) ¾" BSP No outlet thread
Feature:	Clip locks any spray pattern. Easy squeeze on/off lever.

Part No.	Inlet Thread Size	Price $
CSN75A	¾" BSP	18.97

Price Group: SD
AT01

Do not use these products with steam lines.

Power Spray

Application:	Moulded from super tough 6 plastic and is ideal for all agriculture, marine, horticultural, industrial and domestic spraying applications.
Specifications:	Adjustable spray pattern from a strong jet to a fine spray. Quick trigger action from open to shut off position. Flow rate using ¾" hose at 100 PSI is 15 Lt./min. on jet and 25 Lt./min on spray.
Thread:	¾" BSP



Size (mm)	Part No.	Description	Price $
20	HNPS20	Power Spray	31.42

Price Group: SD

FP08

Swivel Connectors

Hose Shank			
BSP/NPT (inch)	**Hose ID (mm)**	**Part No.**	**Price $**
½	15	BNS44	121.34
½	20	BNS64	134.91



Price Group: SD

AT02

Garden Hose Thread			
NPT (mm)	**Hose ID (mm)**	**Part No.**	**Price $**
15	20	BMAS974	121.34



Price Group: SD

AT01

Do not use these products with m lines.

Water Nozzle (Slump Gun)



Application:	High pressure water nozzle (slump gun) for use on cement trucks
Materials:	• Aluminium body • FKM seals • Pressed metal trigger • Stainless steel valve rod.

Size (mm)	Thread Size (inch)	Part No.	Working Pressure		Price $ (ea)
			PSI	MPa	
25	1" BSP	HN25HP	80	551	176.95

Price Group: SD

FP08

D

Brass Sweeper Nozzle



Thread Size (inch)	Length (mm)	Part No.	Discharge	Price $ (ea)
¾ GHT	50	PSN76	3/16	27.65

Price Group: SD

AT01

Spray Nozzle Adaptors



Female Swivel

Female x Female	Part No.	Pkg Qty	Price $ (ea)
GHT x GHT	BA977	100	18.31

Price Group: SD

AT02



Female Swivel

Female x Female	Part No.	Pkg Qty	Price $ (ea)
GHT x ½" NPT	BAS974	100	18.31
GHT x ¾" NPT	BAS976	100	39.09

Price Group: SD

AT02



Male GHT x Female NPT

Male x Female	Part No.	Pkg Qty	Price $ (ea)
GHT x ½" NPT	BA794	100	14.44
GHT x ¾" NPT	BA796	100	24.45
GHT x 1" NPT	FM1076	100	16.78

Price Group: SD

AT02



Rigid Female

Female x Female	Part No.	Pkg Qty	Price $ (ea)
GHT x ½" NPT	BA974	100	44.12
GHT x ¾" NPT	BA976	100	24.45

Price Group: SD

AT02



Threaded Male

Male x Male	Part No.	Pkg Qty	Price $ (ea)
GHT x GHT	BA777	100	14.44

Price Group: SD

AT02



Threaded Male

Male x Male	Part No.	Pkg Qty	Price $ (ea)
GHT x ⅜" NPT	BA73	100	24.77
GHT x ½" NPT	BA74	100	24.77
GHT x ¾" NPT	BA776	100	14.44

Price Group: SD

AT02



Female GHT x Male NPT

Female x Male	Part No.	Pkg Qty	Price $ (ea)
GHT x ½" NPT	BMA974	100	16.31
GHT x ¾" NPT	BMA976	100	16.31
GHT x 1" NPT	FM7610T	100	83.85

Price Group: SD

AT02



Garden Hose Caps

Female	Part No.	Pkg Qty	Price $ (ea)
GHT	GHC7	100	39.36

¾" NPT can be screwed into a ¾" BSP

Washers not included with adaptors in this section.

Price Group: SD

AT02

Economy Hose Reels

Application:	Economy Hose Reels for domestic and industrial applications. Used primarily with PVC hoses, refer to the PVC Hose section of this catalogue.

Part No.	Suits	Colour	Inlet (mm)	Outlet (inch)	Price $ (ea)
Standard					
SR3012	30mtr x 12mm Hose	Green	12	½	390.57
SR5012	50mtr x 12mm Hose	Green	12	½	467.37
SR4018	40mtr x 18mm Hose	Black	18	¾	505.55
LR6018	60mtr x 18mm Hose	Black	18	¾	660.00
Mobile					
SM5012	50mtr x 12mm Hose	Green	12	½	666.72
SM4018	40mtr x 18mm Hose	Black	18	¾	578.38
LM6018	60mtr x 18mm Hose	Black	18	¾	850.35

Hose not Included
* Refer to page 143 for swivels to suit the economy hose reels. Two swivels required per hose reel.



Price Group: SD

FP06



Standard



Mobile

Dixon™ Heavy Duty Hose Reel

Application:	Improves hose handling, prolongs hose life, reduces trip hazards.
Colour:	Yellow for high visibility
Material:	Manufactured from mild steel
Capacity:	Approximately 40 metres (25 mm hose)
Wheel:	Diameter: 700 mm, Depth: 650 mm, Height: 820 mm
Optional:	Optional swivel attachment allows the hose reel to swivel 180° for improved coverage and ease of use. Swivel can be locked.
Design:	Re-engineered design with new innovative assembly provides following advantages: ▪ rapid centre pin replaces fiddly bolts for reduced assembly time ▪ no more bolt alignment issues ▪ improved hose support when reeled, less chance of kinking ▪ increased hose capacity ▪ ability to dismantle and service without unwinding hose

Part No.	Description	WP PSI (Water)	WP PSI (Air)	Inlet (nb)	Outlet (nb)	Price $ (ea)
HR-HDW	Heavy Duty Hose Reel Standard	300	200	25	25	1128.05
HR-HDWS	Swivel Attachment (Optional)	-	-	-	-	697.20

Price Group: SD

AT01

New improved design!



Optional swivel attachment

High-Flow Washdown Hose Reel

Features:	• Suitable for mounting to wall, floor, vehicles or transportable • Light weight, compact and easy to move • 19 mm hose for increased water flow • Various commercial, marine and domestic wash-down applications and may also be used to assist in extinguishing small scrub fires. • Rugged construction • Comes complete with rewind handle and flexible inlet connection that screws onto a standard garden tap.
Specifications:	• Dimension: 520 mm x 410 mm x 520 mm (LxWxH) • Weight: 14 kg • Material: Mild Steel • Hose Material: PVC to Australian Standard AS1221 • Nozzle: Jet / Spray / Off • Capacity: 19 mm x 25 m hose • Finish: Epoxy Powder Yellow, 70 micron min

Part No.	Price $ (ea)
HRS114-MS-025-YW	774.53

Price Group: FE

FP06



King™ Combination Nipples - BSP



Features:	Unplated steel and plated steel in sizes 15mm - 50mm are knurled. 316 Stainless Steel in sizes 15mm - 50mm are not knurled.

Plated Steel BSP Thread

Size (mm)	Part No.	Price $
15	STC1A	7.10
20	STC5A	4.37
25	STC10A	8.19
32	STC15A	13.21
40	STC20A	9.55
50	STC25A	17.21
65	STC30A	24.25
75	STC35A	21.78
100	STC40A	35.41
125	STC50A	88.94
150	STC60A	170.98
200	STC80A	267.89
250	STC100A	494.90
300	STC120A	1615.80

Price Group: SD

AM01



316 Stainless Steel BSP Ends

Size (mm)	Part No.	Price $
15	RST1A	19.80
20	RST5A	62.09
25	RST10A	39.32
32	RST15A	69.26
40	RST20A	79.75
50	RST25A	105.95
65	RST30A	122.01
75	RST35A	174.10
100	RST40A	238.81
125	RST50A	737.45
150	RST60A	2134.70
200	RST80A	988.33

Price Group: SD

AM01

King™ Combination Nipples - NPT



Plated Steel NPT Thread

Size (mm)	Part No.	Price $
15	STC1	3.88
20	STC5	3.57
25	STC10	6.21
32	STC15	8.06
40	STC20	16.14
50	STC25	20.73
65	STC30	20.10
75	STC35	22.14
100	STC40	36.25
125	STC50	69.01
150	STC60	82.46
200	STC80	267.89
250	STC100	494.90
300	STC120	717.64

Price Group: SD

AM01

- Combination nipples are recommended for low pressure discharge and suction service for compatible liquids. **They are not for compressible products such as air or nitrogen on sizes 1¼" and above.**
- **King™ Combination Nipples are not recommended for steam.** The working pressure may vary with the construction of hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.
- Not intended for compressed air.

King™ Combination Nipples

Size (mm)	Pipe OD (mm)	Unplated Steel Grooved Ends		Plated Steel Shouldered Ends	
		Part No.	Price $	Part No.	Price $
25	33.4	STV10	6.21	---	---
32	42.2	STV15	8.06	---	---
40	48.3	STV20	9.52	---	---
50	60.3	STV25	11.36	STVS25	53.20
65	76.1	STV30-M	25.05	---	---
75	88.9	STV35	22.14	STVS35	73.07
100	114.3	STV40	39.71	STVS40	262.84
125	139.7	STV50	88.94	---	---
150	165.1	STV60-M	120.12	STVS60-M	304.15
200	219.1	STV80	317.70	STVS80	1218.57
250	273.0	STV100	557.24	STVS100	1523.20
300	323.9	STV120	721.14	STVS120	1980.17



Grooved



Shouldered

Price Group: SD

AM01

Size (mm)	Pipe OD (mm)	Unplated Steel Bevelled Ends		316 Stainless Steel Bevelled Ends	
		Part No.	Price $	Part No.	Price $
20	26.7	STB5	4.37	RSTB5	53.21
25	33.4	STB10	6.21	RSTB10	66.93
32	42.2	STB15	8.06	RSTB15	58.39
40	48.3	STB20	9.52	RSTB20	56.72
50	60.3	STB25	11.36	RSTB25	77.34
63.5 (USA)	73.0	---	---	RSTB30	120.85
65	76.1	STB30-M	25.05	RSTB30-M	194.23
75	75.0	STB35	22.14	RSTB35	105.91
125	139.7	STB50	88.94	---	---
150	168.0	---	---	RSTB60	624.16
150	165.1	STB60-M	146.81	RSTB60-M	567.41
200	219.1	STB80	317.70	---	---
250	273.0	STB100	514.22	---	---
300	323.9	STB120	931.65	---	---



Grooved and Bevelled ends (in Brass and Aluminum) available in selected sizes.
Consult Dixon™ for prices and availability.

Price Group: SD

AM01

- Combination nipples are recommended for low pressure discharge and suction service for compatible liquids. **They are not for compressible products such as air or nitrogen on sizes 1¼" and above.**
- **King™ Combination Nipples are not recommended for steam.** The working pressure may vary with the construction of hose, the type of clamping system used and the application. Consult Dixon™ for recommendations.
- Not intended for compressed air.

King™ Combination Nipples



Size (mm)	Table E Flanged Hosetail	
	Part No.	Price $
40	FSTE150	122.82
50	FSTE200	182.72
65	FSTE250	263.18
75	FSTE300	310.13
100	FSTE400	225.20
125	FSTE500	319.38
150	FSTE600	364.23
200	FSTE800	842.91
250	FSTE1000	2253.12
300	FSTE1200	2535.76

Price Group: SD

AM01



Size (mm)	ANSI 150 Flanged Hosetail	
	Part No.	Price $
40	FST20	228.49
50	FST25	173.48
65	FST30	216.39
75	FST35	195.74
100	FST40	215.94
125	FST50	389.58
150	FST60	424.74
200	FST80	637.28
250	FST100	1138.01
300	FST120	2175.99

Price Group: SD

AM01

Male Hose Tail SS316 BSP



Application:	General purpose hose tail with good corrosion resistance properties
Material:	316 Stainless Steel
Thread:	ISO 7-1 (BSP tapered)

Thread Size BSP (inch)	Part No.	Price $
5⁄16	SS16HT006	5.86
¼	SS16HT008	5.86
⅜	SS16HT010	6.28
½	SS16HT015	7.34
¾	SS16HT020	12.96
1	SS16HT025	19.29
1¼	SS16HT032	38.17
1½	SS16HT040	43.74
2	SS16HT050	64.53
2½	SS16HT065	116.48
3	SS16HT080	133.58
4	SS16HT100	205.16

Price Group: SD

AW01

Nut & Tail Brass Short Shank (BSP Thread)

Material:	All brass including swivel nut

Female BSPP

Thread x Hose Tail Size (mm)	Part No.	Price $
12 x 12	FBB050A	12.64
20 x 15	FBB075050A	12.64
20 x 20	FBB075A	15.24
25 x 15	FBB100050A	17.23
25 x 20	FBB100075A	17.54
25 x 25	FBB100A	25.43
32 x 25	FBB125100A	35.15
32 x 32	FBB125A	35.15
40 x 32	FBB150125A	46.03
40 x 40	FBB150A	46.03
50 x 40	FBB200150A	74.13
50	FBB200A	74.13
65	FBB250A	124.29
75	FBB300A	166.64
100	FBB400A	360.01

Price Group: SD
AM02



Female BSPP

Male BSPT

Size (mm)	Part No.	Price $
12 x 12	MB050A	11.56
20 x 20	MB075A	17.23
25 x 25	MB100A	30.63
32	MB125A	50.39
40	MB150A	66.40
50	MB200A	119.01
65	MB250A	184.64
75	MB300A	279.75
100	MB400A	498.77

Price Group: SD
AM02



Male BSPT

Rubber Washer

Size (mm)	Part No.	Price $
12	KRW1	1.33
20	KRW5	1.76
25	KRW10	1.74
32	KRW15	1.77
40	KRW20	2.15
50	KRW25	2.47
65	KRW30	2.58
75	KRW35	3.24
100	KRW40	6.27

Price Group: SD
AM02



Rubber Washer

Not intended for compressed air.

Nut & Tail Couplings (BSP Thread)



Female



Male

Nylon				
Size (mm)	Male		Female	
	Part No.	Price $	Part No.	Price $
20	MP020A	3.55	FP020	2.83
25	MP025	4.48	FP025	6.55
40	MP040	6.42	FP040	8.78
50	MP050	9.70	FP050	11.09

Price Group: SD

AM02

Smooth Tail Couplings



Male



Female

Nickel Plated Brass				
Size (mm)	Male		Female	
	Part No.	Price $	Part No.	Price $
32	SM32/BR	44.00	SF32/BR	26.66
65	SM65/BR	128.57	-	-
75	SM75/BR	130.67	-	-

Price Group: SD

AL11

Smooth Tail with Safety Clamp Collar



Safety Clamps - Aluminium		
Size (mm)	Part No.	Price $ (ea)
19 x 6	SC19X6AL	26.33
25 x 6	SC25X6AL	22.47
32 x 6	SC32X6AL	41.94
38 x 6.5	SC38X6.5AL	47.79
38 x 8	SC38X8AL	33.64
50 x 8	SC50X8AL	67.48
50 x 10	SC50X10AL	72.48
75 x 7.5	SC75X7.5AL	71.73

Price Group: SD

AL11

Safety Clamps - 316 Stainless Steel		
Size (mm)	Part No.	Price $ (ea)
75 x 7.5	SC75X7.5SS	225.60

Price Group: SD

AL11

- The first number in the part number denotes the inside diameter of the hose that the clamp will suit.
- The second number denotes the wall thickness. ie SC50X8AL will suit a 50mm ID hose with an 8mm wall thickness (66mm OD).

Minsup™ Lightweight Hose Joiners

minsup

Design:	16g Steel tube large capacity bore. Offers little or no restriction to flow.



Zinc Plated Steel with UP-Set Ends		
Size (inch)	**Part No.**	**Price $**
½	08/030/01/000	7.17
¾	08/030/02/000	12.26
1	08/030/03/000	13.79
1½	08/030/04/000	19.31
2	08/030/05/000	21.14

Price Group: SD
AF02

Minsup™ Ductile Iron Hose Splicers

minsup

Standards:	Heavy duty cast SG Iron ISO 1083, 1987: 400-250-15 SGI



Zinc Plated		
Size (inch)	**Part No.**	**Price $**
1	08/032/03/001	17.67

Price Group: SD
AM07

Dixon™ Steel Hose Menders

Zinc Plated Steel			
Size (mm)	**Part No.**	**Pkg Qty**	**Price $**
6	DMA	200	7.25
10	DMB	100	4.13
12	DM1	50	4.37
16	DM5	50	11.47
20	DM6	50	7.62
25	DM11	50	6.26
32	DM16	50	8.25
35	DM18	50	28.25
40	DM21	50	8.68
40	DMXL21 *	25	38.53
50	DM26	50	22.46
50	DMXL26 *	25	34.57
65	DM31	25	20.50
75	DM36	20	29.28
100	DM46	10	58.50
125	DM51	5	100.50
150	DM66	4	118.73
200	DM86	1	267.25
250	DM100	1	524.07
300	DM120	1	617.36



* XL series is extra long

Price Group: SD
AM04

They are not for compressible products such as Air, Nitrogen or steam.
The working pressure may vary with the construction of the hose, the type of clamping system used and the application.
Consult Dixon™ for recommendations.

Boss™ Hose Menders

Size (inch)	Size (mm)	Part No.	Price $
½	15	M1	23.93
¾	20	M6	37.01
1	25	M11	53.78
1¼	32	M16	46.36
1½	40	M21	43.05
2	50	M26	65.33
2½	65	M31	119.00
3	75	M36	128.83



Collars to engage grip fingers of Boss™ Clamps in this catalogue.
20mm - 100mm: Plated Iron
15mm & 150mm: Plated Steel

Price Group: SD
AD01

Minsup™ 'Y' Pieces - Zinc Plated Steel

minsup

D



¾" BSP Male x ½" Hose Tail x ¾" BSP Male	
Part No.	**Price $**
08/025/03/000	62.39

Price Group: SD

AF01



1" Hose Tail x ½" Hose Tail x 1" BSP Male	
Part No.	**Price $**
08/025/02/000	90.50

Price Group: SD

AF01



1" Hose Tail x 1" Hose Tail x ½" Hose Tail	
Part No.	**Price $**
08/025/05/000	75.73

Price Group: SD

AF01



Size (inch)	Part No.	Price $
1	08/025/07/000	80.94

Price Group: SD

AF01

Standard Threaded Strainers

Round Hole Type BSP (Mild Steel Zinc Plated)		
Thread Size (inch)	**Part No.**	**Price $**
1½	SSRH150	28.59
2	SSRH200	38.29
2½	SSRH250	42.11
3	SSRH300	58.47
4	SSRH400	68.49
6	SSRH600	199.21



Price Group: SD

AM03

Polyethylene Strainers

Black NPT		
Thread Size (inch)	**Part No.**	**Price $**
1½	TSS20	23.91
2	TSS25	26.70
3	TSS35	49.68



Price Group: SD

AM03

Hose Tail		
Size (mm)	**Part No.**	**Price $**
40	PSS040	14.26
50	PSS050	16.78
80	PSS080	53.59



Price Group: SD

AM02

Stainless Steel Strainers

Thread Size BSP (inch)	Width (mm)	Mesh Gap (mm)	Part No.	Price $
2	100	3	SST030	356.59
2	100	5	SST050	356.59



Price Group: SD

AO06

Bauer Style Couplings - Standard





Application:	• Irrigation suction and delivery hose connectors • Heavy duty mining suction and delivery slurry line connectors • Medium vacuum line connectors • Waste water suction and delivery line connectors
Features:	• Quick connect and disconnect • Hot dipped galvanised • Up to 30° bending angle at the coupling joint whilst maintaining maximum flow • Ideal for difficult sites • Rubber seal provides an excellent seal under both pressure and vacuum • Also available in stainless steel with oil and heat resistant seals • Heavy duty machined tails for extra heavy duty applications where reduced distortion may be required • Up to 20 bar working pressure

Maximum Working Pressure for Type B Couplings - Bauer Compatible	
Size (mm)	**Pressure (PSI)**
50 - 90	290
100 - 300	174



Lever Ring		
Size (inch)	**Part No.**	**Price $**
2	LR3042	21.88
3	LR3043	67.54
4	LR3044	94.63
5	104125	166.93
6	LR3046	208.70
8	LR3048	319.69

Price Group: SD

AM09



Male Spigot		
Size (inch)	**Part No.**	**Price $**
2	100050	16.09
3	100075	52.17
4	100100	71.98
5	100125	81.70
6	100150	153.44
8	100200	212.23

Price Group: SD

AM09



Female Spigot		
Size (inch)	**Part No.**	**Price $**
2	101050	17.64
3	101075	35.82
4	101100	73.70
5	101125	93.23
6	101150	128.45
8	101200	210.52

Rubber O-ring not included

Price Group: SD

AM09

Bauer Style Couplings - Standard

O-Ring		
Size (inch)	**Part No.**	**Price $**
2	RG3052	1.26
3	RG3053	12.29
4	RG3054	11.86
5	105127	23.61
6	RG3056	21.11
8	RG3058	24.43



Price Group: SD

AM09

Female Flange (Table D Flange)		
Size (inch)	**Part No.**	**Price $**
3	103075	151.92
4	103100	188.82
5	103125	279.41
6	103150	290.23
8	103200	700.88



Price Group: SD

AM09

Male Flange (Table D Flange)		
Size (inch)	**Part No.**	**Price $**
3	102075	185.27
4	102100	269.53
5	102125	345.79
6	102150	589.45
8	102200	818.20



Price Group: SD

AM09

Weld on Female (Not Plated)		
Size (inch)	**Part No.**	**Price $**
3	111075	9.96
4	111100	25.73
6	111150	87.07
8	111200	88.56



Rubber O-ring not included

Price Group: SD

AM09

Weld on Male (Not Plated)		
Size (inch)	**Part No.**	**Price $**
3	3033	7.87
4	3034	23.70
6	3036	33.07
8	3038	68.21



Price Group: SD

AM09

FOR BAUER TECHNICAL AND APPLICATION GUIDELINES PLEASE REFER TO PAGE 621.

Bauer Style Heavy Duty Machined Tails



Heavy Duty Bauer Male		
Size (inch)	**Part No.**	**Price $**
3	HD100075	142.78
4	HD100100	190.40
6	HD100150	276.59
8	HD100200	633.95

Price Group: SD

AM09



Heavy Duty Bauer Female		
Size (inch)	**Part No.**	**Price $**
4	HD101100	199.11
6	HD101150	297.43
8	HD101200	647.80

Rubber O-ring not included

Price Group: SD

AM09

Flange Hosetail Machined Tail



Table D		
Size (inch)	**Part No.**	**Price $**
3	HD135080	271.21
4	HD135100	254.58
6	HD135150	545.19
8	HD135200	1059.45

Price Group: SD

BL01

Bauer Style Complete Sets



Standard Duty



Heavy Duty

FOR BAUER TECHNICAL AND APPLICATION GUIDELINES PLEASE REFER TO PAGE 621.

Bauer Style Heavy Duty Machined Steel Hose Tails

Type B Male		
Size (inch)	**Part No.**	**Price $**
4	MC3094ST40	252.00
6	MC3096ST60	529.21
8	MC3098ST80	859.58



Type B Female		
Size (inch)	**Part No.**	**Price $**
4	FC3104ST40	201.31
6	FC3106ST60	288.30
8	FC3108ST80	479.90



Features a Dixon™ STB style hose machined from Schedule 40 pipe.
Recommended when using steel crimp sleeves.

Price Group: SD

AM09

Foot Valves & Strainers

Foot Valve with Hosetail		
Size (inch)	**Part No.**	**Price $**
3	130075	472.03
4	130100	294.02
6	130150	638.17
8	130200	1291.53



Price Group: SD

AM09

Flange Foot Valve (Table D)		
Size (inch)	**Part No.**	**Price $**
4	131100	833.08
6	131150	1045.07
8	131200	2140.23
10	131250	4609.30
12	131300	5982.45



Price Group: SD

AM09

Strainer Hosetail		
Size (inch)	**Part No.**	**Price $**
2	132050	67.37
3	132075	84.02
4	132100	113.50
5	132125	522.47
6	132150	149.87
8	132200	416.78



Price Group: SD

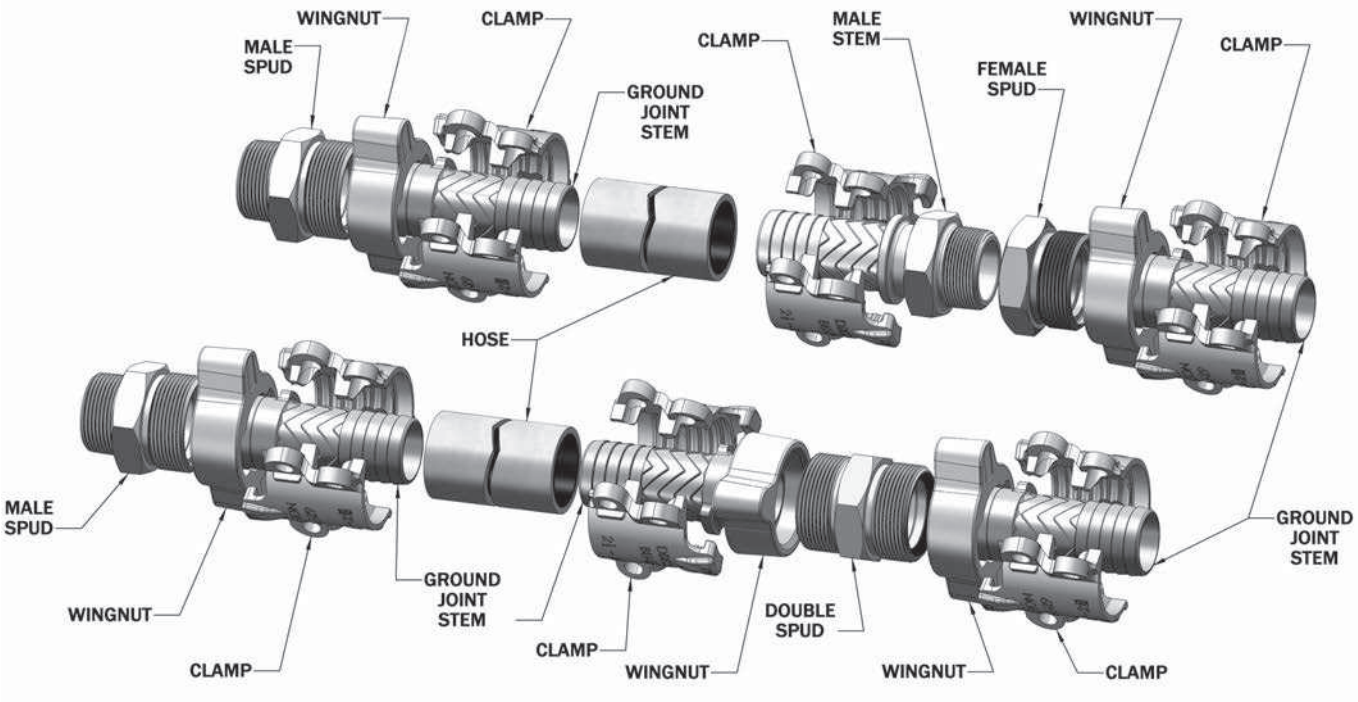
AM09

FOR BAUER TECHNICAL AND APPLICATION GUIDELINES PLEASE REFER TO PAGE 621.

Boss™ Coupling System

Application:	• Boss™ couplings supply a convenient threaded fitting needed to connect two lengths of hose, or a single length to a male or female threaded (NPT/ BSP) outlet.
Features:	• The spud part of the coupling serves as one half of the connection and is usually fixed to the equipment. The stem part that is clamped to the hose is the other half. The two halves are connected or disconnected by rotating the wing nut on the spud. When connected, they achieve a mechanical as well as a pressure seal.
Services:	• Boss™ couplings are all-purpose hose couplings, universally recommended for steam hose connections. They are also widely used for air, water, fluid petroleum chemicals and liquid petroleum gas up to 1" ID. Boss™ couplings can be applied to many types of rubber, synthetic, plastic, metallic or semi-metallic hose. Consult your local Dixon™ branch for specific media capabilities.

Female X Male Hose Assembly



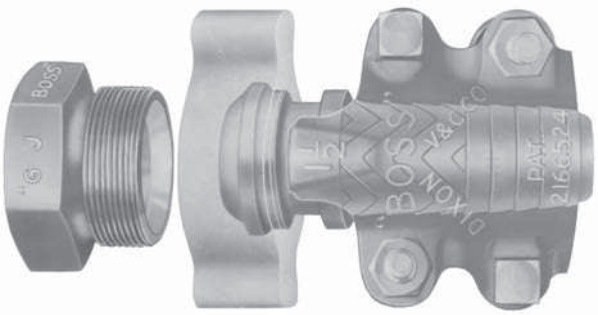
Female X Female Hose Assembly

Boss™ Technical Information

Boss™ Couplings Working Pressure Ratings						
Size (inch)	Air		Water		Steam	
	PSI	MPa	PSI	MPa	PSI	MPa
¼ to 2	600	4.1	600	4.1	250	1.7
2½ and 3	450	3.1	450	3.1	250	1.7
4 and 6	250	1.7	250	1.7	250	1.7

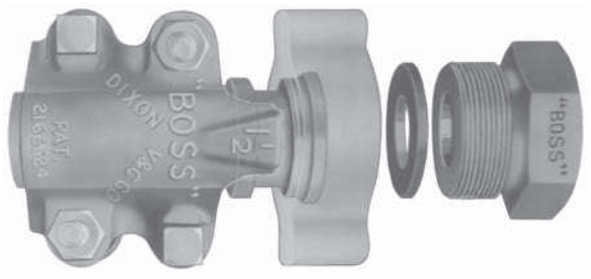
D

Material	¼" to 1" Include	1½" to 6" Include
stems	Plated Steel	Plated Malleable Iron through 100 mm tubular steel - 150 mm
spuds	Plated Steel	Plated Malleable Iron
wing nuts	Plated Malleable Iron	Plated Malleable Iron



GROUND JOINT
Positive Metal-to-Polymer Seal

- A leakproof seal is formed when the metal head of the stem makes contact with the patented polymer seat in the spud.
- The non-metallic polymer seat resists most chemicals found in manufacturing facilities.
- Recommended for steam service up to 230°C.
- Easy to seal.
- Plated steel and/or malleable iron.
- Use with Dixon™ Boss™ Clamps, refer to pages 217-218.



Washer Type

- A Klinger washer is inserted between the stem and spud.
- A leak proof seal is formed by rotating the wing nut and hammering it tight.
- Plated steel and/or malleable iron.

Worn-out hose couplings can be dangerous. They should be checked regularly and replaced when necessary. Each coupling user should review applications and add safety devices where indicated.

Boss™ Ground Joint Seal



GROUND JOINT
Positive Metal-to-Polymer Seal

- positive metal-to-polymer seal
- leakproof seal forms when the metal head of the stem makes contact with the patented polymer seat in the spud
- non-metallic polymer seat resists most chemicals found in manufacturing facilities (reference corrosion resistance chart on pages 613-619)
- recommended for steam service up to 230°C
- easy to seal
- *plated steel and / or iron*
- use with Boss™ clamps in this catalogue



plated iron / steel



316 stainless steel



brass

Couplings with Female Spud

Size (inch)	Size (mm)	NPT						BSP	
		Plated Steel and / or Iron		316 Stainless Steel		Brass		Plated Steel	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
¼	6*	GF1 [1]	107.91	---	---	---	---	GF1A	105.92
⅜	9.5*	GF3 [1]	66.86	---	---	---	---	GF3A	69.81
½	15	GF6	72.24	---	---	---	---	GF6A	72.24
¾	20	GF26	76.70	RGF26	252.71	BGF26	315.75	GF26A	96.74
1	25	GF36	73.96	RGF36	226.85	BGF36	288.81	GF36A	87.14
1¼	32	GF51	140.87	RGF51	500.66	BGF51	491.62	GF51A	160.55
1½	40	GF61	149.12	RGF61	630.06	BGF61	601.28	GF61A	198.89
2	50	GF81 [2]	212.35	RGF81 [2]	813.85	BGF81	794.14	GF81A	205.85
2½	65	GF96	400.80	---	---	---	---	GF96A	464.02
3	75	GF111	422.99	---	---	---	---	GF111A	433.76
4	100	GF141	820.35	---	---	---	---	GF141A	808.24

[1] ¼", ⅜" and 6" available only with copper seat spuds
[2] not to be used with #250, #275 or #306 Boss™ clamps

Price Group: SD
AD01



plated iron / steel



316 stainless steel



brass

Stem

Size (inch)	Size (mm)	Plated Steel and / or Iron		316 Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
¼	6*	GBA[1]	25.00	---	---	---	---
⅜	9.5*	GCA[1]	17.57	---	---	---	---
½	15	GB1	13.54	---	---	---	---
¾	20	GB6	18.82	RGB6	95.98	BGB6	147.86
1	25	GB11	25.50	RGB11	48.59	BGB11	50.70
1¼	32	GB16	30.62	RGB16	147.92	---	---
1½	40	GB21	48.83	RGB21	158.76	---	---
2	50	GB26 [2, 4]	61.07	RGB26 [2]	248.11	---	---
2½	65	GB31	119.87	---	---	---	---
3	75	GB36 [3]	110.93	---	---	---	---
4	100	GB46	276.43	---	---	---	---
6	150*	GB66	518.72	---	---	---	---

[1] ¼", ⅜" and 6" available only with copper seat spuds
[2] not to be used with #250, #275 or #306 Boss™ clamps
[3] GB36 has a machined shank to accept a Boss™ clamp, King Crimp™ sleeve or a ferrule
[4] GB26 will be replaced with GB26CR, this replacement part will have a machined hose shank to accommodate a Boss™ clamp, King Crimp™ sleeve or ferrule

Price Group: SD
AD01

- *6mm, 9.5mm & 150mm come only with Copper seat spuds. **Not to be used with #250, #275 or #306 Boss™ Clamps.
- Boss™ Couplings and the Steam Quick Disconnects are the only Dixon™ Couplings recommended for steam service.

Boss™ Ground Joint Seal

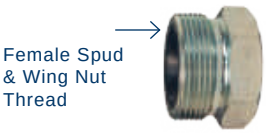
Female Spud

Size (inch)	Size (mm)	NPT						BSP	
		Plated Steel and / or Iron		316 Stainless Steel		Brass		Plated Steel	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
¼	6*	GBC [1]	52.60	---	---	---	---	---	---
⅜	9.5*	GCC[1]	41.02	---	---	---	---	GCCA[1]	20.51
½	15	GB3	26.06	---	---	---	---	GB3A	43.12
¾	20	GB8	26.01	RGB8	89.41	BGB8	105.19	GB8A	31.74
1	25	GB13	24.42	RGB13	110.93	BGB13	94.87	GB13A	37.61
1¼	32	GB18	76.05	RGB18	181.85	---	---	GB18A	95.72
1½	40	GB23	66.08	RGB23	300.41	---	---	GB23A	115.85
2	50	GB28	88.71	RGB28	283.41	---	---	GB28A	82.21
2½	65	GB33	142.82	---	---	---	---	GB33A	206.04
3	75	GB38	170.57	---	---	---	---	GB38A	173.42
4	100	GB48	215.67	---	---	---	---	GB48A	297.79
6	150*	GB68	833.16	---	---	---	---	GB68A	1362.86

[1] ¼", ⅜" and 6" available only with copper seat spuds, all other sizes have polymer seats

Price Group: SD

AD01



Male Spud

Size (inch)	Size (mm)	NPT						BSP	
		Plated Steel and / or Iron		Plated Steel		Plated Iron		Plated Steel	
		Part No.	Price $	Part No.	Price $	Part No.	Price $	Part No.	Price $
¼	6*	GMB[1]	POR	---	---	---	---	GMBA[1]	POR
⅜	9.5*	---	---	GMC[1]	73.71	---	---	GMCA[1]	89.60
½	15	---	---	GM3	39.81	---	---	GM3A	59.60
¾	20	---	---	GM8	42.04	---	---	GM8A	107.36
1	25	---	---	GM13	40.41	---	---	GM13A	53.64
1¼	32	---	---	---	---	GM18	78.15	GM18A	118.77
1½	40	---	---	---	---	GM23	87.47	GM23A	112.89
2	50	---	---	---	---	GM28	105.58	GM28A	117.53
2½	65	---	---	---	---	GM33	258.98	GM33A	248.88
3	75	---	---	---	---	GM38	280.70	GM38A	248.14

[1] ¼", ⅜" and 6" available only with copper seat spuds, all other sizes have polymer seats

Price Group: SD

AD01

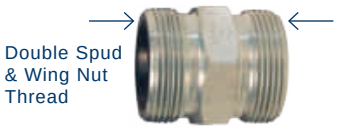


Double Spud

Size (inch)	Size (mm)	Plated Steel		Plated Iron	
		Part No.	Price $	Part No.	Price $
½	15	GDB3	78.32	---	---
¾	20	GDB13	51.26	---	---
1	25				
1¼	32	---	---	GDB23	96.96
1½	40				
2	50	---	---	GDB28	152.89
2½	65	---	---	GDB33	207.91
3	75	---	---	GDB38	235.96

Price Group: SD

AD01



- *6mm, 9.5mm & 150mm come only with Copper seat spuds. **Not to be used with #250, #275 or #306 Boss™ Clamps.
- Boss™ Couplings and the Steam Quick Disconnects are the only Dixon™ Couplings recommended for steam service.

Boss™ Washer Seal



Washer Type

- recommended for steam service up to **230°C**
- easy to seal
- Klingersil® C-4401 washer is inserted between the stem and spud
- leakproof seal forms by rotating the wing nut and hammering it tight
- *plated steel* and / or *iron*
- use with Boss™ clamps in this catalogue

D



Coupling with Female Spud

Size (inch)	Size (mm)	Part No.	Price $
⅜	9.5	WF3	43.54
½	15	WF6	76.59
¾	20	WF26	75.39
1	25	WF36	86.51
1¼	32	WF51	171.17
1½	40	WF61	169.16
2	50	WF81[1]	228.46
2½	65	WF96	579.63
3	75	WF111	435.57

Price Group: SD

AD01



Stem

Size (inch)	Size (mm)	Part No.	Price $
¾	20	B6	24.47
1	25	B11	35.30
1¼	32	B16	61.75
1½	40	B21	40.61
2	50	B26 [1]	64.47
2½	65	B31	130.79
3	75	B36	184.51

Price Group: SD

AD01

- **Not to be used with #250, #275 or #306 Boss™ Clamps

Boss™ Wing Nut for Ground Joint & Washer Seals



plated iron / steel



316 stainless steel



brass

Wing Nut

Size (inch)	Size (mm)	Plated Steel and / Iron		316 Stainless Steel		Brass	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
¼	6*	BA2 [2]	17.54	---	---	---	---
½	15	B2	32.64	---	---	---	---
¾	20	B12	24.04	RB12	67.32	BB12	96.56
1	25						
1¼	32	B17	34.20	RB17	170.89	BB17	201.82
1½	40						
2	50	B27	62.56	RB27	282.33	BB27	322.41
2½	65	B32	138.11	---	---	---	---
3	75	B37	102.40	---	---	---	---
4	100	B47	312.98	---	---	---	---
6	150*	B67	344.11	---	---	---	---

[2] BA2 not for use with the Boss™ Washer Seal.

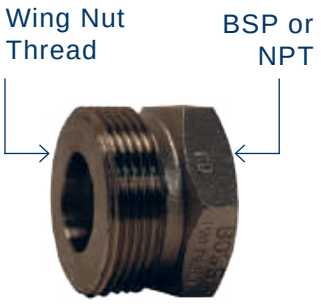
Price Group: SD

AD01

- * Washer is a Klinger nylon, Nitrile bonded, Kevlar reinforced material.
- **Not to be used with #250, #275 or #306 Boss™ Clamps

Boss™ Washer Seal

Female Spud					
Size (inch)	Size (mm)	NPT		BSP	
		Part No.	Price $	Part No.	Price $
⅜	9.5	---	---	CC	24.71
½	15	B3	24.45	---	---
¾	20	B8	25.43	---	---
1	25	B13	25.72	---	---
1¼	32	B18	73.90	---	---
1½	40	B23	43.88	---	---
2	50	B28	91.66	---	---
2½	65	B33	187.62	---	---
3	75	B38	142.39	---	---



Price Group: SD

AD01

Double Spud			
Size (inch)	Size (mm)	Part No.	Price $
¾	20	DB13	71.81
1	25		
1¼	32	DB23	76.56
1½	40		
2	50	DB28	179.53
3	75	DB38	289.64



Price Group: SD

AD01

Washer			
Size (inch)	Size (mm)	Part No.	Price $
⅜	9.5	WBC	0.53
¾	20	W12	1.46
1	25		
1¼	32	W17	1.31
1½	40		
2	50	W27	2.56
2½	65	W32	6.18
3	75	W37	6.58



Price Group: SD

AD01

- * Washer is nitrile rubber bonded, non-asbestos Klingersil® C-4401
- **Not to be used with #250, #275 or #306 Boss™ Clamps

D

Ground Joint Accessories Boss™ Adaptors



Boss™ Male NPT Adaptor			
Size (inch)	**Size (mm)**	**Part No.**	**Price $**
¾	20	GMAS6	166.07
1	25	GMAS11	165.81
1½	40	GMAS21	234.19
2	50	GMAS26 [1]	225.13

[1] GMAS26 takes a special wing nut: **Part #: B27-3**

Price Group: SD

AD01



Boss™ Female NPT Adaptor		
Size (inch)	**Part No.**	**Price $**
¾	GFAS6	156.39
1	GFAS11	125.00

- Wing nut is permanently attached on the 1" size.
- Couplings come with adaptor and wing nuts.
- These fittings have Male or Female NPT Threads and are designed to fit standard ground joint spuds, refer to page 181.

Price Group: SD

AD01

Boss™ Wing Nut Caps



Boss™ Wing Nut & Caps			
Size (inch)	**Size (mm)**	**Part No.**	**Price $**
¾ & 1	20 & 25	B12SC	85.00
1¼ & 1½	32 & 40	B17SC	152.52
2	50	B27SC	211.62
3	75	B37SC	153.80

- Shown with Male Spud, which must be ordered separately.
- Boss™ Wing Nut caps are not intended for pressure applications
- For best results, use with washer style spuds and washers.
- Supplied with 12" chain and washer.

Price Group: SD

AD01

Boss™ Holedall Fittings



Applications:	• designed for air and liquid applications where a permanent, low profile clamping system is desired • not for steam service
Features:	• supplied with carbon steel ferrules • consult Dixon™ for swage and/or crimp specifications

Size (inch)	Hose OD From (mm):	Hose OD To (mm):	Plated Iron / Steel		Stainless Steel	
			Part No.	Price $	Part No.	Price $
¾	29.36	30.95	GF26P1	149.33	---	---
	31.35	32.54	GF26P2	149.33	---	---
	32.94	34.13	GF26P3	149.33	---	---
1	37.30	38.89	GF36P1	179.20	---	---
	39.29	39.68	GF36P2	179.20	---	---
	40.87	42.06	GF36P3	179.20	---	---
1½	33.33	50.80	GF61P1	378.32	RGF61P1	962.32
	51.19	53.97	GF61P2	378.32	RGF61P2	1070.05
	54.37	57.15	GF61P3	378.32	---	---
2	65.08	66.67	GF81P1	348.44	RGF81P1	1093.25
	67.07	69.85	GF81P2	348.44	RGF81P2	1093.25
	70.24	73.02	GF81P3	348.44	---	---
3	86.51	92.07	GF111P1 [1]	POR	---	---
	92.29	95.25	GF111P2 [1]	POR	---	---
	95.64	98.42	GF111P3 [1]	POR	---	---

[1] 3" have a machined shank

Boss™ Male Stems

Steel Bar Stock					
Hose x Thread Size (inch)	Hose x Thread Size (mm)	NPT		BSP	
		Part No.	Price $	Part No.	Price $
¼ x ⅛	6 x 3	MS4X2	35.68	---	---
¼ x ¼	6 x 6	MSA	32.03	---	---
¼ x ⅜	6 x 10	MSB	15.80	---	---
⅜ x ¼	10 x 6	MS6X4	15.83	MS6X4A	23.10
⅜ x ⅜	10 x10	MSC	20.23	MSCA	21.22
⅜ x ½	10 x15	MS6X8	19.79	MS6X8A	21.99
½ x ¼	15 x 6	MS8X4	13.84	MS8X4A	12.75
½ x ⅜	15 x 10	MS8X6	12.96	MS8X6A	17.19
½ x ½	15 x 15	MS1	10.46	MS1A	22.71
½ x ¾	15 x 20	MS8X12	31.13	MS8X12A	39.81
¾ x ½	20 x 15	MS12X8	30.53	MS12X8A	47.57
¾ x ¾	20 x 20	MS6	14.15	MS6A	20.32
¾ x 1	20 x 25	MS12X16	32.29	MS12X16A	70.98
1 x ¾	25 x 20	MS16X12	37.78	MS16X12A	54.51
1 x 1	25 x 25	MS11	22.86	MS11A	26.17



plated steel

Price Group: SD

AD01

Plated Iron					
Size (inch)	Size (mm)	NPT		BSP	
		Part No.	Price $	Part No.	Price $
1¼	32	MS16	45.45	MS16A	58.73
1½	40	MS21	41.72	MS21A	65.47
2	50	MS26	76.11	MS26A	62.50
2½	65	MS31	124.64	---	---
3	75	MS36	188.11	MS36A	193.30
4	100	MS46	249.63	MS46A	232.41



plated iron

Price Group: SD

AD01

316 Stainless Steel					
Size (inch)	Size (mm)	NPT		BSP	
		Part No.	Price $	Part No.	Price $
½	15	RMS1	96.20	RMS1A	169.95
¾	20	RMS6	97.03	RMS6A	105.95
1	25	RMS11	86.86	RMS11A	145.19
1¼	32	RMS16	162.06	RMS16A	200.66
1½	40	RMS21	172.13	RMS21A	216.67
2	50	RMS26	203.74	RMS26A	239.46
2½	65	RMS31	373.89	---	---
3	75	RMS36	378.56	---	---



316 stainless

• Use with Boss™ Clamps, refer to pages 217-218.

Price Group: SD

AD01

Boss™ Hose Menders

Size (inch)	Size (mm)	Part No.	Price $
½	15	M1	23.93
¾	20	M6	37.01
1	25	M11	53.78
1¼	32	M16	46.36
1½	40	M21	43.05
2	50	M26	65.33
2½	65	M31	119.00
3	75	M36	128.83



Collars to engage grip fingers of Boss™ Clamps in this catalogue, refer to pages 217-218.
20mm - 100mm: Plated Malleable Iron
15mm & 150mm: Plated Steel

Price Group: SD

AD01

2-Bolt Type Clamp

- The bolts used in the Boss™ interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be re-torqued, but it is ***not*** recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon® recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. *Do not lubricate nuts and bolts.*
- For all Bolt Tightening Sequences, please visit *dixonvalve.com*

Features:	• Recommended for steam service up to 232°C • Recommended torque rating in ft. lbs. • Replacement nuts and bolts are available, contact Dixon® for more information.

D



Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Zinc Plated Iron					Stainless Steel					Brass				
				Part No.	Price $	Torque[3]		Pkg Qty	Part No.	Price $	Torque		Pkg Qty	Part No.	Price $	Torque		Pkg Qty
		To	From			lb-ft	Nm				lb-ft	Nm				lb-ft	Nm	
¼	6	14.3	16.7	BD [4]	12.42	6	8.1	100	---	---	-	-	-	---	---	-	-	-
½	15	20.6	23.8	DD [4]	12.81	6	8.1	100	---	---	-	-	-	---	---	-	-	-
½	15	23.8	27.0	B4 [4]	12.33	12	16.3	25	RB4	246.51	12	16.3	25	BB4	60.56	10	13.6	25
½	15	27.0	30.2	B5	24.54	12	16.3	25	---	---	-	-	-	---	---	-	-	-
¾	20	30.2	33.3	BU9 [4]	15.40	21	28.5	50	RBU9	242.60	21	28.5	50	BBU9	91.70	18	24.4	50
¾	20	33.3	38.1	B9	28.74	21	28.5	25	RB9	313.56	21	28.5	25	---	---	-	-	-
¾	20	38.1	42.9	B10	30.41	21	28.5	25	---	---	-	-	-	---	---	-	-	-

[1] 4 gripping fingers
[2] Available while stock lasts
[3] Torque applies to plated iron and stainless steel clamps
[4] Investment cast carbon steel
[5] Not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26

Price Group: SD
AD04

Three Piece Clamp 6-Bolt Type



Zinc Plated Iron								
Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Part No.	Torque		Pkg Qty	Price $
		To:	From:		lb-ft	Nm		
3	75	108.0	122.2	BS39	150	204	2	425.19
4	100	117.5	127.0	B45	150	204	2	378.58
4	100	123.8	133.4	BS49	200	272	2	913.68
4	100	133.4	142.1	BU49	200	272	2	743.74
4	100	140.5	150.8	B49	200	272	2	717.44
6	150	174.6	187.3	750	200	272	1	816.92
6	150	190.5	203.2	850	200	272	1	850.42

Price Group: SD
AD04

- The bolts used in the Boss™ interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be re-torqued, but it is **not** recommended that they be reused, as they are designed for a single bend only. Dixon™ recommends using only factory supplied replacement bolts.
- Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance.
- *Do not lubricate nuts and bolts*.
- Recommended torque rating in ft. lbs.

Dixon™ recommends following correct assembly procedures when installing clamps These are available from Dixon™ on request. Failure to install clamps correctly may affect performance.

4-Bolt Type Clamp

Zinc Plated Iron

Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Part No.	Torque[3]		Pkg Qty	Price $
		To:	From:		lb-ft	Nm		
½	15	23.0	26.2	968	6	8.1	50	35.96
1	25	35.7	39.7	156 [1]	21	28.5	20	38.01
1	25	38.9	43.7	BU14	21	28.5	25	35.96
1	25	42.9	49.2	B14	21	28.5	25	34.91
1	25	49.2	54.0	B15	21	28.5	20	47.33
1¼	32	38.1	45.2	BU18	40	54.2	10	71.49
1¼	32	42.9	47.6	187 [1]	21	28.5	10	59.25
1¼	32	45.2	53.2	BU19	40	54.2	10	68.12
1¼	32	47.6	52.4	206 [1]	21	28.5	20	52.67
1¼	32	54.0	60.3	B19	40	54.2	10	64.96
1½	40	46.0	50.8	BU22	40	54.2	10	63.70
1½	40	50.8	56.4	B22	40	54.2	10	69.74
1½	40	50.8	54.0	212 [1]	21	28.5	10	72.94
1½	40	52.4	57.2	225 [1]	40	54.2	10	62.37
1½	40	55.6	60.3	BU24	40	54.2	10	52.35
1½	40	60.3	65.1	B24	40	54.2	10	62.40
1½	40	65.1	69.9	B25	40	54.2	10	55.07
2	50	57.2	63.5	250 [1, 5]	40	54.2	10	70.26
2	50	59.5	64.3	BU28	60	81.3	10	68.27
2	50	63.5	69.9	275 [1, 5]	40	54.2	10	73.16
2	50	63.5	70.6	BU29	60	81.3	10	72.02
2	50	69.9	77.8	B29	60	81.3	10	86.79
2	50	69.9	77.8	306 [1, 5]	60	81.3	10	103.58
2	50	78.6	87.3	B30	60	81.3	5	128.20
2½	65	77.8	88.9	350 [1]	60	81.3	5	102.87
2½	65	78.6	87.3	BU34	60	81.3	5	109.42
2½	65	88.9	100.0	B34	150	203.4	5	166.54
3	75	88.9	95.3	375 [1]	60	81.3	5	136.03
3	75	88.9	100.0	BU35	150	203.4	5	148.10
3	75	95.3	101.6	401 [1]	150	203.4	5	181.48
3	75	96.8	103.2	B35	150	203.4	5	176.15
3	75	101.6	106.4	418 [1]	200	271.2	4	312.33
3	75	103.2	112.7	B39	200	271.2	5	199.32
3	75	106.4	114.3	450 [1]	200	271.2	2	227.88

Price Group: SD

AD04



2 Gripping Fingers



4 Gripping Fingers

Stainless Steel

Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Part No.	Torque[3]		Pkg Qty	Price $
		To:	From:		lb-ft	Nm		
1	25	38.9	43.7	RBU14	21	28.5	25	386.52
1½	40	55.6	60.3	RBU24	40	54.2	10	491.61
1½	40	60.3	65.1	RB24	40	54.2	10	448.41
2	50	63.5	70.6	RBU29	60	81.4	10	616.82
2	50	69.9	77.8	RB29	60	81.4	10	636.18
3	75	88.9	100.0	RBU35	150	203.4	5	921.25

Price Group: SD

AD04



Brass

Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Part No.	Torque		Pkg Qty	Price $
		To:	From:		lb-ft	Nm		
1	25	38.9	43.7	BBU14	18	24.4	25	183.90
1	25	42.9	49.2	BB14	28	38.0	25	234.28

Price Group: SD

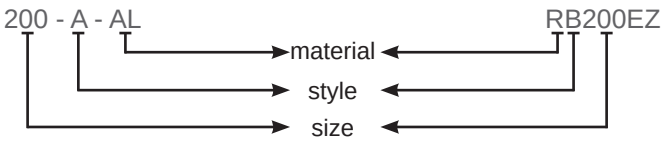
AD04



[1] 4 gripping fingers
[2] Available while stock lasts
[3] Torque applies to plated iron and stainless steel clamps
[4] Investment cast carbon steel
[5] Not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26

FOR SAFETY ALERTS PLEASE REFER TO PAGE 156

Ordering System



Size represents the coupler or adapter and hose or pipe end (i.e. 200 = 2"). If the coupling is a reducing size, the coupler or adapter is the first size (i.e. 4030-C is 4" coupler to 3" hose shank).

D

Operation of Cam and Groove

1. To make connection, slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
2. Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

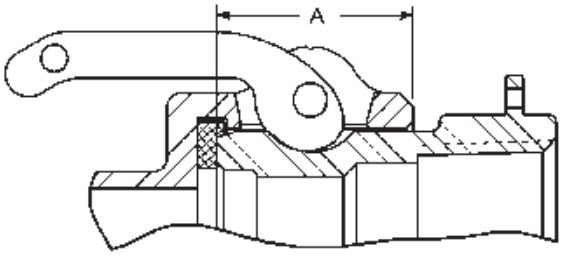
Specifications on Dixon Cam and Groove

Specifications:	• Dixon®, Boss-Lock™ and EZ Boss-Lock™ cam & groove couplers and adapters are produced to interchange with all product produced to Commercial Item Description A-A-59326D. • No standard exists for the ½", 5" and 8" fittings, and generally these sizes do not interchange with other manufacturers. • Dust caps and dust plugs are ***not*** to be used in pressure applications for safety and environmental reasons. • *Designed for use with liquids*, consult Dixon® for specific recommendations.

Recommendations based on the use of mating Dixon® fittings at ambient temperature **70°F (21°C)** with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon®. Dixon®, Boss-Lock™ and EZ Boss-Lock™ couplers and adapters maximum working pressure are as follows:

Size (inch)	½"	¾" thru 2"	2½"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50
PSI (working pressure with King Crimp™ ferrule system)	150	250	150	150	150	75	50

Cam and Groove Nominal Take-Up Lengths



Coupling Size (inch)	Dimension A (inch)
½"	0.97"
¾"	0.97"
1"	1.20"
1¼"	1.44"
1½"	1.50"
2"	1.81"
2½"	1.82"
3"	1.78"
4"	1.84"
5"	2.00"
6"	2.13"
8"	2.06"
8"	3.22"

King Crimp™ EZ Boss-Lock™ Domestic Cam & Groove Type C

Features:	Couplers are supplied standard with a Buna-N gasket. Other gasket types are available, refer to pages 106-107.



Female Coupler x Hose Shank		
Hose ID (inch)	316 Stainless Steel Part No.	Price $
1	RC100EZCR	158.16
1½	RC150EZCR	205.25
2	RC200EZCR	312.39
3	RC300EZCR	304.02
4	RC400EZCR	583.31
6	RC600EZCR	949.50

Price Group: SD

AL03

Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fittings not specifically designed for their use.

Cam & Groove Type C

Features:	• All couplers are supplied with safety clips. • Couplers are supplied standard with a Buna-N gasket. Other gasket types are available, refer to pages 106-107.



Female Coupler x Hose Shank						
Hose ID (inch)	A380 Permanent Mould Aluminium		ASTMC 3800 Forged Brass		316 Investment Cast Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	G100-C-ALCR	21.16	G100-C-BRCR	52.47	G100-C-SSCR	53.65
1½	G150-C-ALCR	36.42	G150-C-BRCR	79.43	G150-C-SSCR	94.65
2	G200-C-ALCR	31.93	G200-C-BRCR	86.94	G200-C-SSCR	138.10
3	G300-C-ALCR	57.33	G300-C-BRCR	115.41	G300-C-SSCR	189.95
4	G400-C-ALCR	74.00	G400-C-BRCR	227.05	G400-C-SSCR	326.08
6	G600-C-ALCR	266.13	---	---	G600-C-SSCR	836.17

Price Group: SD

AL15

Cam & Groove Type E



Male Adaptor x Hose Shank						
Hose ID (inch)	A380 Permanent Mould Aluminium		ASTMC 3800 Forged Brass		316 Investment Cast Stainless Steel	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
1	G100-E-ALCR	12.56	G100-E-BRCR	38.60	G100-E-SSCR	54.84
1½	G150-E-ALCR	21.42	G150-E-BRCR	77.89	G150-E-SSCR	100.98
2	G200-E-ALCR	20.41	G200-E-BRCR	74.13	G200-E-SSCR	124.70
3	G300-E-ALCR	28.63	G300-E-BRCR	96.71	G300-E-SSCR	186.57
4	G400-E-ALCR	58.84	G400-E-BRCR	288.87	G400-E-SSCR	232.43
6	G600-E-ALCR	218.84	G600-E-BRCR	340.83	G600-E-SSCR	835.85

Price Group: SD

AL15

- Refer to crimp sleeves and ferrules on pages 190-193.

Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

D

Hose ID (inch)	Hose OD (mm)		Carbon Steel		304 Stainless Steel		WP (PSI)		Sleeve ID (mm)	Sleeve Wall Thickness (mm)	Sleeve Overall Length (mm)
	From	To	Part No.	Price $	Part No.	Price $	Cam & Groove[1]	KC Nipple[2]			
1	30.56	31.75	CS100-1CS	9.07	CS100-1SS	18.14	*	*	33.40	1.57	63.5
1	32.15	33.34	CS100-2CS	9.07	CS100-2SS	18.14	*	*	34.90	1.57	63.5
1	33.73	34.93	CS100-3CS	9.07	CS100-3SS	18.14	*	*	36.50	1.57	63.5
1	35.32	36.51	CS100-4CS	9.07	CS100-4SS	18.14	*	*	38.10	1.57	63.5
1	36.91	38.10	CS100-5CS	9.07	CS100-5SS	18.14	*	*	39.70	1.57	63.5
1	38.50	39.69	CS100-6CS	9.07	CS100-6SS	18.14	*	*	42.30	1.57	63.5
1	40.08	41.28	CS100-7CS	9.07	CS100-7SS	18.14	*	*	42.90	1.57	63.5
1	41.67	42.86	CS100-8CS	9.07	CS100-8SS	18.14	*	*	44.50	1.57	63.5
1	43.26	44.45	CS100-9CS	9.07	CS100-9SS	18.14	*	*	46.10	1.57	63.5
1	44.85	46.03	CS100-10CS	9.07	CS100-10SS	18.14	*	*	47.60	1.57	63.5
1¼	30.56	42.86	CS125-3CS	28.21	CS125-3SS	22.17	250	300	44.45	1.57	63.5
1¼	43.26	44.45	CS125-4CS	28.21	CS125-4SS	22.17	250	300	46.05	1.57	63.5
1¼	44.85	46.04	CS125-5CS	28.21	CS125-5SS	22.17	250	300	47.63	1.57	63.5
1¼	46.43	47.63	CS125-6CS	28.21	CS125-6SS	22.17	250	300	49.23	1.57	63.5
1½	41.68	42.87	CS150-1CS	15.11	CS150-1SS	18.14	250	300	44.45	1.57	63.5
1½	43.26	44.45	CS150-2CS	15.11	CS150-2SS	18.14	250	300	46.05	1.57	63.5
1½	44.85	46.04	CS150-3CS	15.11	CS150-3SS	18.14	250	300	47.63	1.57	63.5
1½	46.44	47.63	CS150-4CS	15.11	CS150-4SS	18.14	250	300	49.23	1.57	63.5
1½	48.03	49.22	CS150-5CS	15.11	CS150-5SS	18.14	250	300	50.80	1.57	63.5
1½	49.61	50.80	CS150-6CS	15.11	CS150-6SS	18.14	250	300	52.40	1.57	63.5
1½	51.20	52.39	CS150-7CS	15.11	CS150-7SS	18.14	250	300	53.98	1.57	63.5
1½	52.79	53.98	CS150-8CS	15.11	CS150-8SS	18.14	250	300	55.58	1.57	63.5
1½	55.96	57.15	CS150-10CS	15.11	CS150-10SS	18.14	250	300	58.75	1.57	63.5
1½	57.55	58.74	CS150-11CS	15.11	CS150-11SS	18.14	250	300	60.33	1.57	63.5
1½	59.14	60.33	CS150-12CS	15.11	CS150-12SS	18.14	250	300	61.93	1.57	63.5
2	55.96	57.15	CS200-1CS	38.29	CS200-1SS	22.17	250	250	58.75	1.57	63.5
2	57.55	58.74	CS200-2CS	12.09	CS200-2SS	22.17	250	250	60.33	1.57	63.5
2	60.72	61.91	CS200-4CS	12.09	CS200-4SS	22.17	250	250	63.50	1.57	63.5
2	62.31	63.50	CS200-5CS	12.09	CS200-5SS	22.17	250	250	65.10	1.57	63.5
2	63.90	65.09	CS200-6CS	13.10	CS200-6SS	22.17	250	250	66.68	1.57	63.5
2	65.48	66.68	CS200-7CS	12.09	CS200-7SS	22.17	250	250	68.28	1.57	63.5
2	67.07	68.26	CS200-8CS	12.09	CS200-8SS	22.17	250	250	69.85	1.57	63.5
2	68.66	69.85	CS200-9CS	12.09	CS200-9SS	25.19	250	250	71.45	1.57	63.5
2	70.25	71.44	CS200-10CS	12.09	CS200-10SS	22.17	250	250	73.03	1.57	63.5
2	71.83	73.03	CS200-11CS	12.09	CS200-11SS	22.17	250	250	74.63	1.57	63.5
2	73.42	74.61	CS200-12CS	12.09	CS200-12SS	22.17	250	250	76.20	1.57	63.5

Price Group: SD

AU06

* Consult Dixon™ for pressure rating.

[1] Based on using crimp cam & groove shanks

[2] Based on using King™ combination nipples

King Crimp™ Style Sleeves



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

Hose ID (inch)	Hose OD (mm)		Carbon Steel		304 Stainless Steel		WP (PSI)		Sleeve ID (mm)	Sleeve Wall Thickness (mm)	Sleeve Overall Length (mm)
	From	To	Part No.	Price $	Part No.	Price $	Cam & Groove[1]	KC Nipple[2]			
3	81.36	82.55	CS300-1CS	25.19	CS300-1SS	25.19	125	200	84.15	2.29	95.0
3	82.95	84.14	CS300-2CS	25.19	CS300-2SS	25.19	125	200	85.73	2.29	95.0
3	84.53	85.73	CS300-3CS	25.19	CS300-3SS	25.19	125	200	87.33	2.29	95.0
3	86.12	87.31	CS300-4CS	25.19	CS300-4SS	25.19	125	200	88.90	2.29	95.0
3	89.30	90.49	CS300-6CS	25.19	CS300-6SS	25.19	125	200	92.08	2.29	95.0
3	90.88	92.08	CS300-7CS	25.19	CS300-7SS	25.19	125	200	93.68	2.29	95.0
3	92.47	93.66	CS300-8CS	25.19	CS300-8SS	25.19	125	200	95.25	2.29	95.0
3	94.06	95.25	CS300-9CS	25.19	CS300-9SS	25.19	125	200	96.85	2.29	95.0
3	95.65	96.84	CS300-10CS	25.19	CS300-10SS	25.19	125	200	98.43	2.29	95.0
3	97.23	98.43	CS300-11CS	25.19	CS300-11SS	25.19	125	200	100.03	2.29	95.0
3	98.82	100.01	CS300-12CS	25.19	CS300-12SS	25.19	125	200	101.60	2.29	95.0
3	100.41	101.60	CS300-13CS	25.19	CS300-13SS	25.19	125	200	103.20	2.29	95.0
3	102.00	103.19	CS300-14CS	25.19	CS300-14SS	25.19	125	200	104.78	2.29	95.0
3	103.58	104.78	CS300-15CS	25.19	CS300-15SS	25.19	125	200	106.38	2.29	95.0
3	105.17	106.36	CS300-16CS	25.19	CS300-16SS	25.19	125	200	107.95	2.29	95.0
4	106.76	107.95	CS400-1CS	40.30	CS400-1SS	30.23	110	175	109.55	2.29	95.0
4	108.35	109.54	CS400-2CS	40.30	CS400-2SS	30.23	110	175	111.13	2.29	95.0
4	109.93	111.13	CS400-3CS	30.23	CS400-3SS	30.23	110	175	112.73	2.29	95.0
4	111.52	112.71	CS400-4CS	30.23	CS400-4SS	30.23	110	175	114.30	2.29	95.0
4	113.11	114.30	CS400-5CS	30.23	CS400-5SS	30.23	110	175	115.90	2.29	95.0
4	114.70	115.89	CS400-6CS	30.23	CS400-6SS	30.23	110	175	117.48	2.29	95.0
4	116.28	117.48	CS400-7CS	30.23	CS400-7SS	30.23	110	175	119.08	2.29	95.0
4	117.87	119.06	CS400-8CS	30.23	CS400-8SS	30.23	110	175	120.65	2.29	95.0
4	119.46	120.65	CS400-9CS	40.30	CS400-9SS	30.23	110	175	122.25	2.29	95.0
4	121.05	122.24	CS400-10CS	40.30	CS400-10SS	30.23	110	175	123.80	2.29	95.0
4	122.63	123.83	CS400-11CS	40.30	CS400-11SS	30.23	110	175	125.43	2.29	95.0
4	124.22	125.41	CS400-12CS	40.30	CS400-12SS	30.23	110	175	127.00	2.29	95.0
4	125.81	127.00	CS400-13CS	40.30	CS400-13SS	30.23	110	175	128.60	2.29	95.0
4	127.40	128.59	CS400-14CS	40.30	CS400-14SS	30.23	110	175	130.18	2.29	95.0
4	128.98	130.18	CS400-15CS	40.30	CS400-15SS	30.23	110	175	131.78	2.29	95.0
4	130.57	131.76	CS400-16CS	40.30	CS400-16SS	30.23	110	175	133.35	2.29	95.0
6	157.56	163.51	CS600-1CS	72.54	CS600-1SS	90.68	*	*	165.10	3.05	140.0
6	163.91	163.91	CS600-2CS	72.54	CS600-2SS	90.68	*	*	168.28	3.05	140.0
6	167.08	169.86	CS600-3CS	72.54	CS600-3SS	90.68	*	*	171.45	3.05	140.0
6	170.26	173.04	CS600-4CS	72.54	CS600-4SS	136.01	*	*	174.63	3.05	140.0
6	173.43	176.21	CS600-5CS	72.54	CS600-5SS	90.68	*	*	177.80	3.05	140.0
6	176.61	179.39	CS600-6CS	72.54	CS600-6SS	90.68	*	*	180.98	3.05	140.0
6	179.78	182.56	CS600-7CS	72.54	CS600-7SS	90.68	*	*	184.15	3.05	140.0
6	182.96	185.74	CS600-8CS	72.54	CS600-8SS	90.68	*	*	187.33	3.05	140.0
6	186.13	188.91	CS600-9CS	72.54	CS600-9SS	90.68	*	*	190.50	3.05	140.0

* Consult Dixon™ for pressure rating.
[1] Based on using crimp cam & groove shanks
[2] Based on using King™ combination nipples

Price Group: SD
AU06

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

D

Hose ID (inch)	Hose OD (mm)		Carbon Steel		304 Stainless Steel		WP (PSI)		Ferrule ID (mm)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Part No.	Price $	Part No.	Price $	Cam & Groove[1]	KC Nipple[2]			
1	30.56	31.75	CF100-1CS	35.26	CF100-1SS	30.23	*	*	33.40	2.29	71.4
1	32.15	33.34	CF100-2CS	47.35	CF100-2SS	18.14	*	*	34.90	2.29	71.4
1	33.73	34.93	CF100-3CS	47.35	CF100-3SS	18.14	*	*	36.50	2.29	71.4
1	35.32	36.51	CF100-4CS	14.11	CF100-4SS	18.14	*	*	38.10	2.29	71.4
1	36.91	38.10	CF100-5CS	10.08	CF100-5SS	15.11	*	*	39.70	2.29	71.4
1	38.50	39.69	CF100-6CS	10.08	CF100-6SS	15.11	*	*	42.30	2.29	71.4
1	40.08	41.28	CF100-7CS	10.08	CF100-7SS	15.11	*	*	42.90	2.29	71.4
1	41.67	42.86	CF100-8CS	35.26	CF100-8SS	14.11	*	*	44.50	2.29	71.4
1	43.26	44.45	CF100-9CS	35.26	CF100-9SS	15.11	*	*	46.10	2.29	71.4
1	44.85	46.03	CF100-10CS	35.26	CF100-10SS	30.23	*	*	47.60	2.29	71.4
1¼	41.67	42.86	CF125-3CS	35.26	CF125-3SS	30.23	250	350	44.45	2.29	71.4
1¼	43.26	44.45	CF125-4CS	61.46	CF125-4SS	30.23	250	350	69.85	2.29	71.4
1¼	44.85	46.04	CF125-5CS	49.37	CF125-5SS	30.23	250	350	95.25	2.29	71.4
1¼	46.43	47.63	CF125-6CS	49.37	CF125-6SS	30.23	250	350	120.65	2.29	71.4
1½	41.68	42.87	CF150-1CS	30.23	CF150-1SS	30.23	250	350	44.45	2.29	71.4
1½	43.26	44.45	CF150-2CS	30.23	CF150-2SS	30.23	250	350	46.05	2.29	71.4
1½	44.85	46.04	CF150-3CS	30.23	CF150-3SS	30.23	250	350	47.63	2.29	71.4
1½	46.44	47.63	CF150-4CS	22.17	CF150-4SS	30.23	250	350	49.23	2.29	71.4
1½	48.03	49.22	CF150-5CS	22.17	CF150-5SS	30.23	250	350	50.80	2.29	71.4
1½	49.61	50.80	CF150-6CS	22.17	CF150-6SS	30.23	250	350	52.40	2.29	71.4
1½	51.20	52.39	CF150-7CS	18.14	CF150-7SS	30.23	250	350	53.98	2.29	71.4
1½	52.79	53.98	CF150-8CS	18.14	CF150-8SS	30.23	250	350	55.58	2.29	71.4
1½	54.38	55.57	CF150-9CS	18.14	CF150-9SS	30.23	250	350	57.15	2.29	71.4
1½	55.96	57.15	CF150-10CS	30.23	CF150-10SS	30.23	250	350	58.75	2.29	71.4
1½	57.55	58.74	CF150-11CS	30.23	CF150-11SS	30.23	250	350	60.33	2.29	71.4
1½	59.14	60.33	CF150-12CS	30.23	CF150-12SS	30.23	250	350	61.93	2.29	71.4
2	55.96	57.15	CF200-1CS	30.23	CF200-1SS	30.23	250	300	58.75	2.29	79.4
2	57.55	58.74	CF200-2CS	30.23	CF200-2SS	30.23	250	300	60.33	2.29	79.4
2	59.13	60.33	CF200-3CS	30.23	CF200-3SS	30.23	250	300	61.93	2.29	79.4
2	60.72	61.91	CF200-4CS	12.09	CF200-4SS	25.19	250	300	63.50	2.29	79.4
2	62.31	63.50	CF200-5CS	12.09	CF200-5SS	25.19	250	300	65.10	2.29	79.4
2	63.90	65.09	CF200-6CS	12.09	CF200-6SS	25.19	250	300	66.68	2.29	79.4
2	65.48	66.68	CF200-7CS	12.09	CF200-7SS	25.19	250	300	68.28	2.29	79.4
2	67.07	68.26	CF200-8CS	12.09	CF200-8SS	25.19	250	300	69.85	2.29	79.4
2	68.66	69.85	CF200-9CS	12.09	CF200-9SS	30.23	250	300	71.45	2.29	79.4
2	70.25	71.44	CF200-10CS	15.11	CF200-10SS	30.23	250	300	73.03	2.29	79.4
2	71.83	73.03	CF200-11CS	15.11	CF200-11SS	30.23	250	300	74.63	2.29	79.4
2	73.42	74.61	CF200-12CS	35.26	CF200-12SS	30.23	250	300	76.20	2.29	79.4

Price Group: SD

AU06

* Consult Dixon™ for pressure rating.

[1] Based on using crimp cam & groove shanks

[2] Based on using King™ combination nipples

King Crimp™ Style Ferrules



Only use the crimp style shanks with the crimp style sleeves and ferrules.
Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

Hose ID (inch)	Hose OD (mm)		Carbon Steel		304 Stainless Steel		WP (PSI)		Ferrule ID (mm)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Part No.	Price $	Part No.	Price $	Cam & Groove[1]	KC Nipple[2]			
3	81.36	82.55	CF300-1CS	30.23	CF300-1SS	40.30	150	300	84.15	2.29	101.6
3	82.95	84.14	CF300-2CS	30.23	CF300-2SS	40.30	150	300	85.73	2.29	101.6
3	84.53	85.73	CF300-3CS	30.23	CF300-3SS	40.30	150	300	87.33	2.29	101.6
3	86.12	87.31	CF300-4CS	30.23	CF300-4SS	40.30	150	300	88.90	2.29	101.6
3	87.71	88.90	CF300-5CS	30.23	CF300-5SS	55.41	150	300	90.50	2.29	101.6
3	89.30	90.49	CF300-6CS	30.23	CF300-6SS	55.41	150	300	92.08	2.29	101.6
3	90.88	92.08	CF300-7CS	30.23	CF300-7SS	55.41	150	300	93.68	2.29	101.6
3	92.47	93.66	CF300-8CS	30.23	CF300-8SS	55.41	150	300	95.25	2.29	101.6
3	94.06	95.25	CF300-9CS	30.23	CF300-9SS	45.34	150	300	96.85	2.29	101.6
3	95.65	96.84	CF300-10CS	28.21	CF300-10SS	40.30	150	300	98.43	2.29	101.6
3	97.23	98.43	CF300-11CS	28.21	CF300-11SS	45.34	150	300	100.03	2.29	101.6
3	98.82	100.01	CF300-12CS	28.21	CF300-12SS	40.30	150	300	101.60	2.29	101.6
3	100.41	101.60	CF300-13CS	28.21	CF300-13SS	40.30	150	300	103.20	2.29	101.6
3	102.00	103.19	CF300-14CS	45.34	CF300-14SS	40.30	150	300	104.78	2.29	101.6
3	103.58	104.78	CF300-15CS	30.23	CF300-15SS	40.30	150	300	106.38	2.29	101.6
3	105.17	106.36	CF300-16CS	30.23	CF300-16SS	40.30	150	300	107.95	2.29	101.6
4	106.76	107.95	CF400-1CS	28.21	CF400-1SS	55.41	150	300	109.55	2.29	101.6
4	108.35	109.54	CF400-2CS	28.21	CF400-2SS	55.41	150	300	111.13	2.29	101.6
4	109.93	111.13	CF400-3CS	28.21	CF400-3SS	55.41	150	300	112.73	2.29	101.6
4	111.52	112.71	CF400-4CS	28.21	CF400-4SS	55.41	150	300	114.30	2.29	101.6
4	113.11	114.30	CF400-5CS	28.21	CF400-5SS	55.41	150	300	115.90	2.29	101.6
4	114.70	115.89	CF400-6CS	28.21	CF400-6SS	55.41	150	300	117.48	2.29	101.6
4	116.28	117.48	CF400-7CS	28.21	CF400-7SS	55.41	150	300	119.08	2.29	101.6
4	117.87	119.06	CF400-8CS	35.26	CF400-8SS	55.41	150	300	120.65	2.29	101.6
4	119.46	120.65	CF400-9CS	35.26	CF400-9SS	55.41	150	300	122.25	2.29	101.6
4	121.05	122.24	CF400-10CS	40.30	CF400-10SS	55.41	150	300	123.80	2.29	101.6
4	122.63	123.83	CF400-11CS	40.30	CF400-11SS	55.41	150	300	125.43	2.29	101.6
4	124.22	125.41	CF400-12CS	40.30	CF400-12SS	55.41	150	300	127.00	2.29	101.6
4	125.81	127.00	CF400-13CS	40.30	CF400-13SS	55.41	150	300	128.60	2.29	101.6
4	127.40	128.59	CF400-14CS	40.30	CF400-14SS	55.41	150	300	130.18	2.29	101.6
4	128.98	130.18	CF400-15CS	40.30	CF400-15SS	55.41	150	300	131.78	2.29	101.6
4	130.57	131.76	CF400-16CS	40.30	CF400-16SS	55.41	150	300	133.35	2.29	101.6
6	157.56	163.51	CF600-1CS	80.60	CF600-1SS	100.75	*	*	165.10	3.05	149.0
6	163.91	166.69	CF600-2CS	80.60	CF600-2SS	100.75	*	*	168.28	3.05	149.0
6	167.08	169.86	CF600-3CS	65.49	CF600-3SS	100.75	*	*	171.45	3.05	149.0
6	170.26	173.04	CF600-4CS	65.49	CF600-4SS	100.75	*	*	174.63	3.05	149.0
6	173.43	176.21	CF600-5CS	65.49	CF600-5SS	100.75	*	*	177.80	3.05	149.0
6	176.61	179.39	CF600-6CS	65.49	CF600-6SS	100.75	*	*	180.98	3.05	149.0
6	179.78	182.56	CF600-7CS	65.49	CF600-7SS	100.75	*	*	184.15	3.05	149.0
6	182.96	185.74	CF600-8CS	65.49	CF600-8SS	100.75	*	*	187.33	3.05	149.0
6	186.13	188.91	CF600-9CS	65.49	CF600-9SS	100.75	*	*	190.50	3.05	149.0

* Consult Dixon™ for pressure rating.

[1] Based on using crimp cam & groove shanks

[2] Based on using King™ combination nipples

Price Group: SD

AU06

King Crimp™ Style Heavy Duty Ferrules



Features:	400 PSI working pressure with a minimum 4:1 safety factor (hose burst: hose working pressure) is only achieved with Dixon™ carbon steel ferrule part numbers CF400-6CSHD through CF400-16CSHD.

Hose ID (inch)	Hose OD (mm)		Carbon Steel - Heavy Duty (HD)		Ferrule ID (mm)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Part No.	Price $			
4	114.70	115.90	CF400-6CSHD	81.80	117.48	3.05	101.60
4	116.30	117.50	CF400-7CSHD	97.11	119.08	3.05	101.60
4	117.90	119.10	CF400-8CSHD	97.11	120.65	3.05	101.60
4	119.50	121.70	CF400-9CSHD	97.11	122.25	3.05	101.60
4	121.00	122.25	CF400-10CSHD	97.11	123.83	3.05	101.60
4	122.60	123.85	CF400-11CSHD	49.29	125.43	3.05	101.60
4	124.20	125.40	CF400-12CSHD	68.10	127.00	3.05	101.60
4	125.80	127.00	CF400-13CSHD	236.67	128.60	3.05	101.60
4	124.40	128.60	CF400-14CSHD	69.21	130.18	3.05	101.60
4	129.00	130.20	CF400-15CSHD	62.49	131.78	3.05	101.60
4	130.60	131.80	CF400-16CSHD	81.80	133.35	3.05	101.60

Price Group: SD

AU06

Crimp Style King™ Combination Nipples



Features:	There are two grooves on the crimp style King™ Combination nipples. The second groove is the roll stamp groove which has the part number and "call Dixon™" stamped on it. This groove is a smooth concentric groove so that the stamp can be legible.

Threaded End				
Hose ID (inch)	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
NPT				
1	STC10CS	47.69	RST10CS	86.76
1¼	STC15CS	35.82	RST15CS	128.33
1½	STC20CS	58.30	RST20CS	51.99
2	STC25CS	32.82	RST25CS	145.40
3	STC35CS	63.45	RST35CS	214.20
4	STC40CS	119.80	RST40CS	302.25
6	STC60CS	217.36	RST60CS	1072.27
BSP				
1	STC10CSA	36.85	RST10CSA	48.09
1¼	STC15CSA	26.33	RST15CSA	61.57
1½	STC20CSA	30.50	RST20CSA	69.98
2	STC25CSA	31.06	RST25CSA	87.06
3	STC35CSA	74.59	RST35CSA	269.60
4	STC40CSA	84.67	RST40CSA	358.73
6	STC60CSA	180.64	RST60CSA	1076.91

Price Group: SD

AM10

King Crimp™ Style Combination Nipple - Heavy Duty



Applications:	Used in the fast paced transfer of water, chemicals and sand slurry to a hydraulic fraturing site.
Features:	• Water and petroleum transfer hoses rated from 100 to 300 PSI WP (4:1 SF) have excellent test results with the standard King Crimp™ ferrules CF400-xxCS. • 400 PSI working pressure at 70°F (21°C) when used with heavy duty crimp ferrules (CF400-6CSHD through CF400-16CSHD) • used with ferrules below

Threaded End		
Hose ID (inch)	Schedule 80 Steel	
	Part No.	Price $
Male NPT		
4	STC40CSHD	99.99

Price Group: SD

AM10

Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

Crimp Style King™ Combination Nipples

Features:	There are two grooves on the crimp style King™ Combination nipples. The second groove is the roll stamp groove which has the part number and "call Dixon™" stamped on it. This groove is a smooth concentric groove so that the stamp can be legible.

Grooved End

Hose ID (inch)	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1	STV10CS	45.21	RSTV10CS	76.93
1½	STV20CS	29.92	RSTV20CS	72.02
2	STV25CS	34.13	RSTV25CS	96.34
3	STV35CS	96.53	RSTV35CS	252.90
4	STV40CS	97.51	RSTV40CS	349.50
6	STV60CS	185.59	RSTV60CS	948.44

Price Group: SD

AM10



Bevelled End

Hose ID (inch)	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
1	STB10CS	35.96	RSTB10CS	110.81
1½	STB20CS	27.98	RSTB20CS	66.30
2	STB25CS	23.70	RSTB25CS	84.44
3	STB35CS	57.48	RSTB35CS	214.93
4	STB40CS	84.02	RSTB40CS	356.72
6	STB60CS	166.79	RSTB60CS	951.00

Price Group: SD

AM10



Shouldered End

Hose ID (inch)	Schedule 80 Plated Carbon Steel	
	Part No.	Price $
3	STVS35CS	265.00
4	STVS40CS	192.09
6	STVS60CS	386.56

Price Group: SD

AM10



Table E Flange (welded)

Hose ID (inch)	Schedule 80 Plated Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
2	FSTE200CS	POR	RFSTE200CS	POR
3	FSTE300CS	POR	RFSTE300CS	POR
4	FSTE400CS	POR	RFSTE400CS	POR
6	FSTE600CS	POR	RFSTE600CS	POR

Price Group: SD

AM10



Floating Flanges

Hose ID (inch)	Plated Carbon Steel		316 Stainless Steel	
	Part No.	Price $	Part No.	Price $
2	N25CS	242.30	RN25CS	426.70
3	N35CS	304.70	RN35CS	743.60
4	N40CS	425.60	RN40CS	882.20
6	N60CS	911.70	RN60CS	2187.20

Price Group: SD

AM10



Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, DO NOT interchange other manufacturer's products with Dixon™ products.

King Crimp™ Style Nipple - NPT Threaded End



Size (inch)	Schedule 40 Plated Carbon Steel	
	Part No.	Price $
8	STC80CS	207.83

Price Group: SD

AL01

King Crimp™ Style Nipple - Grooved End



Size (inch)	Schedule 40 Plated Carbon Steel	
	Part No.	Price $
8	STV80CS	277.93

Price Group: SD

AL01

King Crimp™ Style Short Frac Ferrules



Features:	Schedule 40 plated carbon steel to ASTM standards. Consult Dixon™ for additional ferrule sizes.

Hose ID (inch)	Hose OD (mm)		Carbon Steel		Ferrule ID (mm)	Ferrule Wall Thickness (mm)	Ferrule Overall Length (mm)
	From	To	Part No.	Price $			
8	214.70	217.50	CFS800-1CS	156.16	219.10	3.05	108
8	217.90	220.65	CFS800-2CS	156.16	225.25	3.05	108
8	221.00	223.90	CFS800-3CS	156.16	225.40	3.05	108
8	224.00	227.00	CFS800-4CS	156.16	228.60	3.05	108
8	227.40	230.20	CFS800-5CS	156.16	231.80	3.05	108
8	230.60	233.30	CFS800-6CS	156.16	234.95	3.05	108
8	233.70	236.50	CFS800-7CS	156.16	238.15	3.05	108
8	236.90	239.70	CFS800-8CS	156.16	241.30	3.05	108

Price Group: SD

AD06

King Crimp™ Style Sleeves



Hose ID (inch)	Carbon Steel		Sleeve ID (mm)	Sleeve Wall Thickness (mm)	Sleeve Overall Length (mm)
	Part No.	Price $			
8	S830X875X120CS	120.90	210.80	3.05	222.20
8	S838X600X120CS	120.90	212.85	3.05	152.40
8	S850X650X120CS	120.90	215.90	3.05	165.10
8	S875X600X120CS	120.90	222.95	3.05	152.40
8	S898X875X120CS	120.90	228.10	3.05	222.20
8	S900X400X090CS	120.90	228.60	2.30	101.60
8	S900X400X120CS	120.90	228.60	3.05	101.60
8	S900X600X120CS	120.90	228.60	3.05	152.40
8	S910X400X120CS	221.65	231.15	3.05	101.60
8	S912X600X120CS	120.90	231.65	3.05	152.40
8	S915X600X120CS	120.90	232.40	3.05	152.40
8	S925X600X120CS	120.90	234.95	3.05	152.40
8	S925X400X120CS	120.90	234.95	3.05	101.60
8	S950X400X120CS	120.90	241.30	3.05	101.60
8	S950X600X120CS	120.90	241.30	3.05	152.40
8	S975X600X120CS	120.90	247.65	3.05	152.40
10	S1025X750X120CS	120.90	260.35	3.05	190.50
10	S1050X750X120CS	120.90	266.70	3.05	190.50
10	S1100X600X120CS	120.90	279.40	3.05	152.40
10	S1175X600X120CS	251.88	298.65	3.05	152.40

Price Group: SD

AD06

King Crimp™ Working Pressure Chart

Size (inch)	Temperature	Fitting	Clamps	Working Pressure PSIG
1"	Ambient	STC10CS	sleeve	**400**
	71°C	STC10CS	sleeve	**270**
	82°C	STC10CS	sleeve	**250**
	121°C	STC10CS	sleeve	**200**
	Ambient	STC10CS	ferrule	**400**
	71°C	STC10CS	ferrule	**270**
	82°C	STC10CS	ferrule	**250**
	121°C	STC10CS	ferrule	**200**
	Ambient	100-C/E	sleeve	**250**
	71°C	100-C/E	sleeve	**242**
	82°C	100-C/E	sleeve	**240**
	121°C	100-C/E	sleeve	**200**
	Ambient	100-C/E	ferrule	**250**
	71°C	100-C/E	ferrule	**242**
	82°C	100-C/E	ferrule	**240**
	121°C	100-C/E	ferrule	**200**
1½"	Ambient	STC20CS	sleeve	**300**
	71°C	STC20CS	sleeve	**225**
	82°C	STC20CS	sleeve	**200**
	121°C	STC20CS	sleeve	**100**
	Ambient	STC20CS	ferrule	**350**
	71°C	STC20CS	ferrule	**225**
	82°C	STC20CS	ferrule	**200**
	121°C	STC20CS	ferrule	**150**
	Ambient	150-C/E	sleeve	**250**
	71°C	150-C/E	sleeve	**200**
	82°C	150-C/E	sleeve	**100**
	121°C	150-C/E	sleeve	**75**
	Ambient	150-C/E	ferrule	**250**
	71°C	150-C/E	ferrule	**200**
	82°C	150-C/E	ferrule	**150**
	121°C	150-C/E	ferrule	**100**
2"	Ambient	STC25CS	sleeve	**250**
	71°C	STC25CS	sleeve	**150**
	82°C	STC25CS	sleeve	**125**
	121°C	STC25CS	sleeve	**80**
	Ambient	STC25CS	ferrule	**300**
	71°C	STC25CS	ferrule	**239**
	82°C	STC25CS	ferrule	**225**
	121°C	STC25CS	ferrule	**100**
	Ambient	200-C/E	sleeve	**250**
	71°C	200-C/E	sleeve	**100**
	82°C	200-C/E	sleeve	**50**
	121°C	200-C/E	sleeve	**50**
	Ambient	200-C/E	ferrule	**250**
	71°C	200-C/E	ferrule	**100**
	82°C	200-C/E	ferrule	**100**
	121°C	200-C/E	ferrule	**100**

Size (inch)	Temperature	Fitting	Clamps	Working Pressure PSIG
3"	Ambient	STC35CS	sleeve	**200**
	71°C	STC35CS	sleeve	**140**
	82°C	STC35CS	sleeve	**100**
	121°C	STC35CS	sleeve	**75**
	Ambient	STC35CS	ferrule	**300**
	71°C	STC35CS	ferrule	**218**
	82°C	STC35CS	ferrule	**200**
	121°C	STC35CS	ferrule	**100**
	Ambient	300-C/E	sleeve	**125**
	71°C	300-C/E	sleeve	**100**
	82°C	300-C/E	sleeve	**60**
	121°C	300-C/E	sleeve	**55**
	Ambient	300-C/E	ferrule	**150**
	71°C	300-C/E	ferrule	**125**
	82°C	300-C/E	ferrule	**100**
	121°C	300-C/E	ferrule	**75**
4"	Ambient	STC40CS	sleeve	**175**
	71°C	STC40CS	sleeve	**100**
	82°C	STC40CS	sleeve	**100**
	121°C	STC40CS	sleeve	**50**
	Ambient	STC40CS	ferrule	**300**
	71°C	STC40CS	ferrule	**218**
	82°C	STC40CS	ferrule	**200**
	121°C	STC40CS	ferrule	**100**
	Ambient	400-C/E	sleeve	**110**
	71°C	400-C/E	sleeve	**75**
	82°C	400-C/E	sleeve	**60**
	121°C	400-C/E	sleeve	**50**
	Ambient	400-C/E	ferrule	**150**
	71°C	400-C/E	ferrule	**75**
	82°C	400-C/E	ferrule	**75**
	121°C	400-C/E	ferrule	**75**
6"	Ambient	STC60CS	sleeve	**75**
	71°C	STC60CS	sleeve	**---**
	82°C	STC60CS	sleeve	**---**
	121°C	STC60CS	sleeve	**---**
	Ambient	STC60CS	ferrule	**230**
	71°C	STC60CS	ferrule	**---**
	82°C	STC60CS	ferrule	**---**
	121°C	STC60CS	ferrule	**---**
	Ambient	600-C/E	sleeve	**75**
	71°C	600-C/E	sleeve	**---**
	82°C	600-C/E	sleeve	**---**
	121°C	600-C/E	sleeve	**---**
	Ambient	600-C/E	ferrule	**75**
	71°C	600-C/E	ferrule	**---**
	82°C	600-C/E	ferrule	**---**
	121°C	600-C/E	ferrule	**---**

Holedall™ External Swage Coupling System

The Holedall™ system is a method of attaching couplings to hose utilizing a progressive swage. The patented Holedall™ couplings include a Holedall™ stem and a specially engineered ferrule. The hydraulic swaging of the coupling to the hose is accomplished by pushing the ferrule through a die which reduces the ferrule OD, thus providing a 360° uninterrupted compression band around the hose.

A hydraulic ram is the only piece of machinery necessary to accomplish the coupling. Available in five different sizes - 15, 25, 50, 100 and 350 ton - these rams will accommodate dies and pushers of various sizes so that hoses up to 10" in diameter may be coupled.

This multi-purpose, high pressure coupling system requires no bolts and results in a clean coupling with no protrusions. The swaging operation is fast and hose of various lengths and different styles can be coupled. Ease of operation, flexibility and economy make the Holedall™ method an unequalled assembly system.

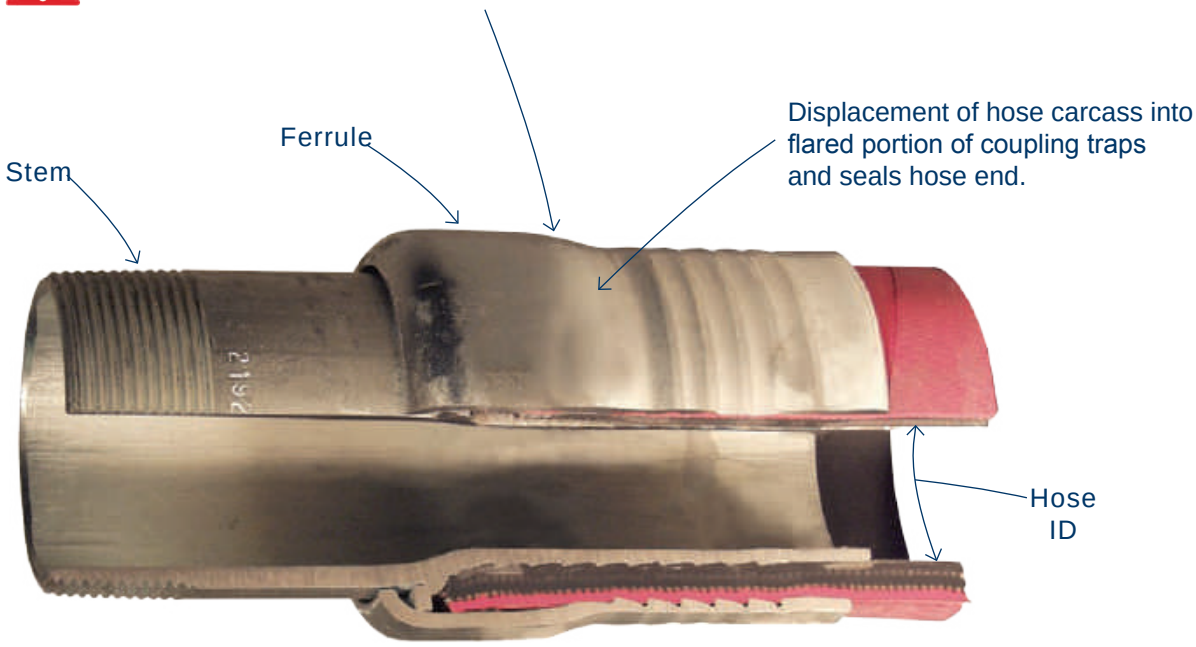
D

The Holedall™ coupling:

- provides long-lasting efficiency and safety
- lightweight coupling consisting of ferrule and stem
- streamlined, no protrusions to snag on equipment
- available in stainless steel and carbon steel
- available in multiple configurations: pipe thread, plain end, grooved or flanged ends

Dixon™ Holedall™ stems and ferrules are specifically designed to be used together as a coupling system.
Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

Note: Do Not Use Wrench or Vice on Ferrule



cross-section of Holedall™ externally swaged assembly



Dixon™ recommends using a diameter tape for determining correct ferrule size.
Refer to page 593.

External Swage Stems

Designed for hose ID's 32mm - 250mm. The ferrule size depends on the hose OD. Refer to page 200 for selection of the correct ferrule. Stems and ferrules are supplied in plated carbon steel and stainless steel.

Carbon Steel (Male NPT)			Plated Carbon Steel (Male BSP)		Unplated Carbon Steel Bevelled End (for Welding)	
Size (mm)	Part No.	Price $	Part No.	Price $	Part No.	Price $
32	TM20	92.04	TM20A	POR	TP20	572.66
40	TM24	71.58	TM24A	114.19	TP24	107.38
50	TM32	78.68	TM32A	81.81	TP32	107.38
65	TM40	112.49	---	---	TP40	117.61
75	TM48	127.83	TM48A	168.74	TP48	141.26
100	TM64	203.61	TM64A	209.64	TP64	161.20
125	TM80	255.65	TM80A	POR	TP80	260.77
150	TM96	311.90	TM96A	POR	TP96	177.32
200	TM128	306.78	TM128A	POR	TP128	409.05



Style TM & TML
NPT end & BSP end.



Style TP & TPL
Plain end. Unplated.

Price Group: SD
AU03

Dixon™ Hookie Hook External Crimp Hose Stem

Material:	Carbon Steel

Part No.	Size (inch)	Price $
TM48GR	3	521.90
TM64GR	4	246.60
TM80GR	5	1502.20
TM96GR	6	POR



Price Group: SD
AU03

Dixon™ Hookie Hook Lifter

Application:	Predominantly used for bulk loading/rig rupply hose operations on offshore applications
Material:	Forged carbon steel, yellow zinc plated per BS1706
Options:	With or without retaining clamp
Load Rating:	Safe working load 4 tons with a proof load test of 8 tons



Part No.	Size (inch)	Price $
HA0900-3	3	679.83
HA0900-4	4	679.83
HA0900-5	5	679.83



Price Group: SD
AU03

External Ferrules



F 1¼" - 5"
(2 holes)



F 6" - 10"
(6 holes)

The selection of ferrules is very important to achieve the proper coupling-to-hose assembly. Style F ferrules are used with all standard length male stems. Ferrules are plated carbon steel.

Hose ID (mm)	Hose OD (mm)		Standard	
	From:	To:	Part No.	Price $
32	42.9	44.5	F20-1	112.49
32	44.8	47.6	F20-2	112.49
32	48.0	50.8	F20-3	164.50
32	51.2	54.0	F20-4	25.30
40	48.4	50.8	F24-1	61.36
40	51.2	54.0	F24-2	61.36
40	54.4	57.2	F24-3	61.36
40	57.5	60.3	F24-4	61.36
50	61.9	66.7	F32-1	71.58
50	67.1	69.9	F32-2	71.58
50	70.2	73.0	F32-3	122.71
50	73.4	77.0	F32-4	122.71
65	77.4	79.4	F40-1	79.13
65	79.8	82.6	F40-2	146.24
65	82.9	85.7	F40-3	168.74
65	86.1	88.9	F40-4	153.39
65	89.3	92.1	F40-5	127.83
75	88.1	92.1	F48-1	117.40
75	92.5	95.3	F48-2	107.38
75	95.6	98.4	F48-3	122.71
75	98.8	101.6	F48-4	143.17
75	102.0	104.8	F48-5	156.53
100	113.5	117.1	F64-Z*	184.07
100	117.5	119.1	F64-1	189.19
100	119.5	122.2	F64-2	189.19
100	122.6	125.4	F64-3	201.50
100	125.8	128.6	F64-4	194.30
100	129.0	131.8	F64-5	235.20
100	132.2	134.9	F64-6	235.20
100	135.3	138.1	F64-7	235.20
100	138.5	141.3	F64-8	235.20
125	149.2	150.8	F80-1	194.30
125	151.2	154.0	F80-2	194.30
125	154.4	157.2	F80-3	276.11
125	157.6	160.3	F80-4	920.35
125	160.7	163.5	F80-5	296.56
125	163.9	166.7	F80-6	296.56
125	167.1	169.9	F80-7	296.56
150	169.9	177.4	F96-Z	296.56
150	177.8	179.4	F96-1	251.43
150	179.8	182.6	F96-2	263.46
150	183.0	185.7	F96-3	226.79
150	186.1	188.9	F96-4	276.11
150	189.3	192.1	F96-5	347.69
150	192.5	195.3	F96-6	347.69
150	195.7	198.4	F96-7	347.69
150	198.8	201.6	F96-8	224.97
150	202.0	203.2	F96-9	787.41
200	236.5	238.1	F128-1	937.64
200	238.5	241.3	F128-2	1026.35
200	241.7	244.5	F128-3	959.84
200	244.9	247.7	F128-4	784.02
200	248.0	250.8	F128-5	694.95
200	251.2	254.0	F128-6	715.98
200	254.4	255.6	F128-7	635.68

* Requires special stem Part # TM 64-42

Price Group: SD
AU03



Dixon™ recommends using a diameter tape for determining correct ferrule size.
Refer to page 593.

Holedall™ Uni-Range External Couplings

Designed for smaller hose systems, these couplings may be used for hose ID's of 6mm - 25mm and come complete with factory assembled stem and ferrule combination. Can be used with Swage or Crimp equipment.

Plated Carbon Steel Stem, Ferrule				
ID & NPTF Size (mm)	Hose OD (mm)		Part No.	Price $
	From:	To:		
6	13	15	4P1	22.76
6	15	17	4P2	96.13
6	17	18	4P3	43.17
10	18	20	6P1	64.37
10	20	21	6P2	67.79
10	21	23	6P3	45.81
15	21	23	8P1	68.77
15	23	25	8P2	55.02
15	25	30	8P3	44.79
20	29	31	12P1	41.97
20	31	32	12P2	40.78
20	32	37	12P3	37.48
25	37	39	16P1	67.50
25	39	40	16P2	63.44
25	40	42	16P3	71.89
25	42	44	16P4	81.48



Other sizes available on special order.

Price Group: PC

AU03

Holedall™ High Pressure Couplings

Application:	Intended for services requiring a fitting to withstand extremely high pressures (up to 3,000 PSI at 70°F) and severe operating conditions including: small and medium size drilling rigs, slim hole applications and core drill, workover, seismograph, water well, blast or shot holes.
Features:	• Sold as a complete coupling (stem and matching ferrule) • Must provide hose OD when ordering for a properly sized ferrule; make sure both ends of the hose are measured for OD • Must be swaged with 50 Ton or 100 Ton Ram • API and NPT sizes are interchangeable • Stems are machined from seamless pipe and tubing with specially designed serrations • Ferrules are machined from a heavy wall material incorporating matching serrations

Zinc Plated Steel Stem / Ferrule Assemblies		
ID & NPT Size (mm)	Part No.	Price $
50	LM32-*	POR
65	LM40-*	POR
75	LM48-*	POR



* The LM fitting is sold as a complete coupling including stem and ferrule. Accurate hose OD must be provided to complete the part number and to insure proper retention.

Price Group: SD

AU03

Holedall™ Internal Expansion Couplings

Applications:

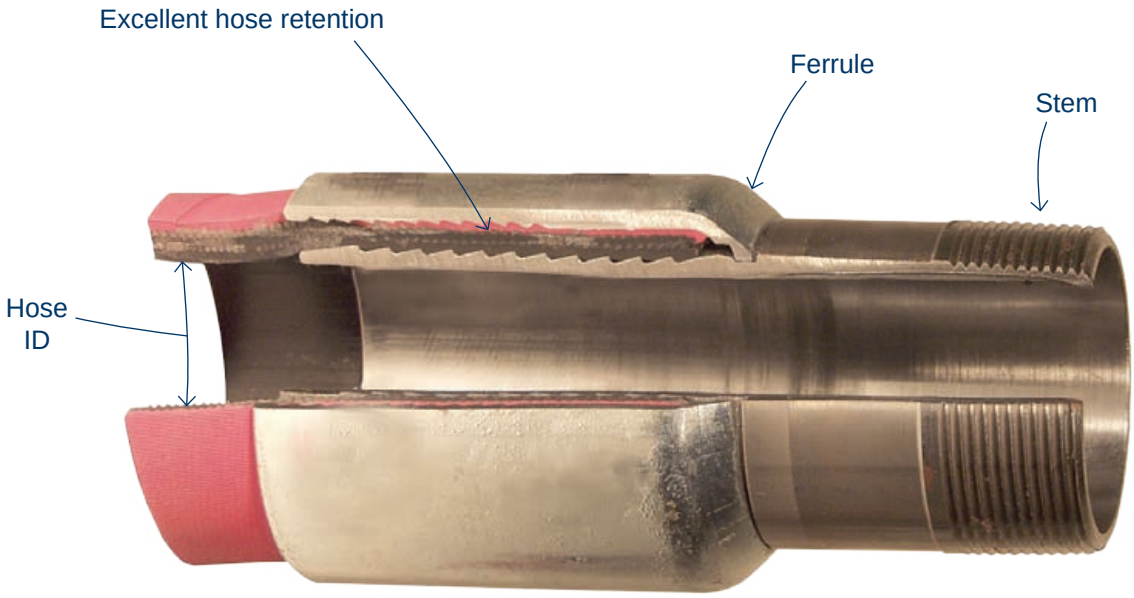
- Essential in applications requiring maximum flow including: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

Features:

- maximum flow of media
- reduction of turbulence through hose
- excellent sealing and retention characteristics
- outperforms band clamps
- easy and consistent installation
- only one expansion tool is needed for each hose ID
- available end configurations: male NPT, raised end (California style), grooved, others available contact Dixon™

D

Dixon™ Holedall™ stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances, for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.



Cross-section of Holedall™ internally expanded assembly



Dixon™ recommends using a diameter tape for determining correct ferrule size.
Refer to page 593.

Internal Expansion Stems

BSP Male Pipe End		
ID Size (mm)	**Part No.**	**Price $**
25	IXM16A	362.70
32	IXM20A	332.48
40	IXM24A	332.48
50	IXM32A	141.05
65	IXM40A	161.20
75	IXM48A	171.28
100	IXM64A	181.35

Price Group: SD
AU04



NPT Male Pipe End		
ID Size (mm)	**Part No.**	**Price $**
25	IXM16	110.83
32	IXM20	110.83
40	IXM24	110.83
50	IXM32	120.90
65	IXM40	151.13
75	IXM48	171.28
100	IXM64	181.35

Price Group: SD
AU04



Bevelled End		
ID Size (mm)	**Part No.**	**Price $**
40	IXP24-1	50.38
50	IXP32-1	50.38
65	IXP40-1	50.38
76	IXP40-2	50.38
75	IXP48-1	130.98
100	IXP64-1	161.20

Price Group: SD
AU04



Shouldered End		
ID Size (mm)	**Part No.**	**Price $**
75	IXS48	201.50
100	IXS64	251.88

Price Group: SD
AU04



Stems are Carbon Steel. Stainless steel is available (IXM, IXH IXV). Consult Dixon™ for pricing and availability.

Dixon™ Hookie Hook Internal Expansion Hose Stem

Material:	Carbon Steel	
Part No.	**Size (inch)**	**Price $**
IXM48GR	3	521.87
IXM64GR	4	246.52
IXM80GR	5	1502.10

Price Group: SD
AU04



Internal Expansion Ferrules



Material:	Plated carbon steel
Features:	• Dixon™ recommends using a diameter tape for determining correct ferrule size. • For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, Contact Dixon™ for working pressure • For metric size hose, Contact Dixon Engineering.

D

ID Size	Ferrule Size (mm)	Hose OD (mm)		Part No.	Price $
		From:	To:		
1	36.5	34.9	36.5	IXF16-1	100.75
1	38.1	36.5	38.1	IXF16-2	70.53
1	39.7	38.1	39.7	IXF16-3	70.53
1¼	42.9	41.3	42.9	IXF20-Z	65.49
1¼	44.5	42.9	44.5	IXF20-1	100.75
1¼	47.6	44.5	46.0	IXF20-2	65.49
1¼	47.6	46.0	47.6	IXF20-3	65.49
1¼	49.2	47.6	49.2	IXF20-4	65.49
1¼	50.8	49.2	50.8	IXF20-5	65.49
1¼	52.4	50.8	52.4	IXF20-6	65.49
1½	49.2	47.6	49.2	IXF24-Z	70.53
1½	50.8	49.2	50.8	IXF24-1	70.53
1½	52.4	50.8	52.4	IXF24-2	70.53
1½	54.0	52.4	54.0	IXF24-3	70.53
1½	55.6	54.0	55.6	IXF24-4	70.53
1½	57.2	55.6	57.2	IXF24-5	70.53
1½	58.7	57.2	58.7	IXF24-6	70.53
1½	60.3	58.7	60.3	IXF24-7	70.53
2	65.1	63.5	65.1	IXF32-Y	75.56
2	66.7	65.1	66.7	IXF32-Z	80.60
2	68.3	66.7	68.3	IXF32-1	75.56
2	69.9	68.3	69.9	IXF32-2	75.56
2	71.4	69.9	71.4	IXF32-3	75.56
2	73.0	71.4	73.0	IXF32-4	75.56
2	74.6	73.0	74.6	IXF32-5	75.56
2	76.2	74.6	76.2	IXF32-6	75.56
2	77.8	76.2	77.8	IXF32-7	75.56

ID Size	Ferrule Size (mm)	Hose OD (mm)		Part No.	Price $
		From:	To:		
2½	77.8	76.2	77.8	IXF40-1	92.69
2½	79.4	77.8	79.4	IXF40-2	92.69
2½	81.0	79.4	81.0	IXF40-3	92.69
2½	84.1	82.6	84.1	IXF40-5	92.69
2½	85.7	84.1	85.7	IXF40-6	92.69
2½	87.3	85.7	87.3	IXF40-7	92.69
2½	88.9	87.3	88.9	IXF40-8	92.69
3	90.5	88.9	90.5	IXF48-T	110.83
3	92.1	90.5	92.1	IXF48-U	110.83
3	82.3	92.1	93.7	IXF48-V	110.83
3	95.3	93.7	95.3	IXF48-W	110.83
3	96.8	95.3	96.8	IXF48-X	110.83
3	98.4	96.8	98.4	IXF48-Y	110.83
3	100.0	98.4	100.0	IXF48-Z	110.83
3	101.6	100.0	101.6	IXF48-1	110.83
3	103.2	101.6	103.2	IXF48-2	110.83
3	104.8	103.2	104.8	IXF48-3 [1]	110.83
3	106.4	104.8	106.4	IXF48-4 [1]	110.83
3	108.0	106.4	108.0	IXF48-5 [1]	110.83
4	117.5	115.9	117.5	IXF64-T	191.43
4	119.1	117.5	119.1	IXF64-U	191.43
4	120.7	119.1	120.7	IXF64-V	191.43
4	122.2	120.7	122.2	IXF64-W	191.43
4	123.8	122.2	123.8	IXF64-X	191.43
4	125.4	123.8	125.4	IXF64-Y	191.43
4	127.0	125.4	127.0	IXF64-Z	191.43
4	128.6	127.0	128.6	IXF64-1	191.43
4	130.2	128.6	130.2	IXF64-2 [1]	191.43
4	131.8	130.2	131.8	IXF64-3 [1]	191.43
4	133.4	131.8	133.4	IXF64-4 [1]	191.43
4	134.9	133.4	134.9	IXF64-5 [1]	191.43

Price Group: SD

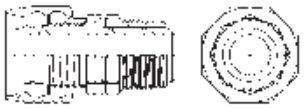
AU04

[1] For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, Contact Dixon™ for working pressure

Dubl-Grip®
Reattachable Couplings for Pump Hose

Application:	Two piece re-attachable coupling made of chrome plated brass for pump hose. Worn portion of hose can be removed and Dubl-Grip® can be applied. Easy assembly - hose is held in position by sleeve as body is threaded home. Only a wrench is required to assemble the Dubl-Grip®. Caution - reattach static wire if required.
Design:	Streamlined design prevents damage to hose and fits smartly on new pump equipment. Wide, flat surfaces of body threads protect inside of hose from breaking. Tapered surfaces of sleeve and body cradle hose, prevent one-point strain from flexing. Hose is gripped on its full circumference in two places, ensuring a rigid leakproof connection.
Working Pressure:	300 PSI





Dubl-Grip® Reattachables		
Hose ID x NPT Male x Hose OD Size (inch)	**Part No.**	**Price $**
5/8 x 3/4 x 1	850212	99.65
5/8 x 3/4 x 1-1/32	850213	137.45
5/8 x 3/4 x 1-1/16	850214	83.81
3/4 x 3/4 x 1-1/8	850451	92.16
3/4 x 3/4 x 1-13/64	850455	95.33
3/4 x 3/4 x 1-1/4	850453	32.47
1 x 1 x 1-3/8*	850841	141.01
1 x 1 x 1-7/16*	850801	190.03
1 x 1 x 1-1/2*	850811	181.74

Price Group: SD

AU05

Couplings have standard male NPT threads.
* Octagonal shape.

Refer to page 23 for Petrol Bowser Hose.

Maximum Recommended Working Pressures in PSI at 21ºC Ambient Temperature

Holedall™ couplings are never to be used for steam service at any pressure regardless of coupling style.

Holedall™ fittings listed below are not to be used with cable reinforced high-pressure hose, 4 or 6 braid wire hydraulic hose or any other service not listed in recommendations. Contact your local Dixon™ representative for recommendations on usage.

For Holedall™ couplings to perform satisfactorily they must be assembled properly in accordance with Dixon™'s assembly procedures, using the correct die and ferrule for that particular hose end OD. Dixon™'s Die and Ferrule Recommendation Guide is to be used to select the correct dies and ferrules.

D

Size NB	Externally Swaged Couplings					Internally Expanded Couplings	
	Standard Fittings [1]	Long Style Fittings [1]	Light Duty Fittings		Cam & Groove [1]	Internally Expanded [1]	Flow Chief Fittings [1]
			TO Ferrules, Notched Fittings [1]	Notched Short Fittings [1]			
	TM, TP, TG	TML, TPL, TGL	TM, TP, TG RN···NO	RST•••NOS, GAS••••NOS	GAS••••NOS	IXM, IXV, IXH	IXSE, IXFS, IXMS
25	-	-	-	-	250	600	-
32	600	1,000	350	-	250	600	-
40	600	1,000	350	250	250	600	250
50	600	1,000	350	250	250	600	250
65	600	1,000	250	-	150	600	250
75	600	1,000	250	250	125	600 **	250
100	500	850	250	***	100	500 **	250
125	450	750	-	-	-	-	-
150	400	700	-	-	-	500	-
200	350	600	-	-	-	-	-
250	300	550	-	-	-	-	-

[1] maximum recommended working pressures, in PSI, given at 21°C ambient temperature
* The assembly's (hose + coupling) maximum working pressure is the lesser of:
1) The hose rated working pressure, or
2) The coupling rated working pressure
** For hoses which use IXF48-3 to IXF48-5 and IXF64-2 to IXF64-5, consult Dixon™ for working pressures. See notes below for specific recommendations.
***Contact Dixon™ for pressure reccomendations

Standard Fittings

Recommended for use on most one and two wire braid reinforced hoses, fibre braided and helical wire reinforced hose, such as: oil suction and discharge hose, barge and dock loading and unloading hose, LP gas hose, anhydrous ammonia hose, aircraft refuelling hose and acid chemical hose.

Long Style Fittings

Recommended for use on hose as listed under standard fittings where additional retention is required due to higher working pressures or end pull. Consult maximum working pressure chart or contact Dixon™.

Holedall™ II Fittings

Recommended for Royalflex 1193 and 1196 hose or hoses with similar construction, having helical wire for a given OD range.

Internally Expanded Couplings

Recommended for use in the same applications as standard fittings, except helical wire reinforced hose such as: A210 water suction and discharge, A430 petrol / oil suction and discharge hose.

Light Duty Fittings

Recommended for use in the same applications as standard fittings, except that the hose rated working pressure is never to exceed the maximum recommended working pressure listed in the chart above

NOTE: Hose service working pressure (including surges and spikes) is never to exceed the maximum recommended working pressure for the fitting (reference chart above)*. "Whipcheck" safety cables are recommended for use whenever possible. Media being transported through the hose should be compatible with the stem material and ferrule material whenever possible. Consult Dixon™'s Compatibility Chart for material compatibility. For applications other than the ones listed please contact Dixon™.

Pinch-On ---------- 208
Worm Gear ---------- 209-210
Super Clamps ---------- 211-212
Band Style ---------- 213-215
Band Clamp Hand Tools ---------- 214-215
Minsup™ Safety Claw ---------- 216
Minsup™ Double Bolt ---------- 216
4-Bolt Clamps ---------- 217
Air King™ Double Bolt ---------- 218
Dixon™ Double Bolt ---------- 218
Hose Clamps ---------- 219
Spiral Clamps ---------- 220



Double Ear Pinch-On Clamps



Features:	When ordering Double Ear Clamps, select the nominal clamp size nearest to, but always larger than, the OD of the hose to be clamped after the hose has been fitted to the end fitting.
Materials:	Zinc Plated Steel

Nominal Size (inch)	Size Range (mm)		Part No.	Price $ per box*
3/16	3.4	5.0	0305	87.32
1/4	5.0	7.0	0507	94.23
5/16	7.0	9.0	0709	91.86
3/8	8.1	11.0	0811	110.22
1/2	10.8	13.0	1113	121.99
9/16	12.5	15.0	1315	91.15
19/32	14.0	17.0	1517	142.07
5/8	16.0	19.0	1518	102.34
3/4	16.2	20.0	1720	134.16
13/16	18.0	22.0	1922	233.40
7/8	19.0	23.0	2023	178.54
15/16	21.0	25.0	2225	198.61
1	22.5	27.0	2327	198.63
1-1/8	26.3	31.0	2731	160.27
1-7/16	32	37.0	3437	178.44
1-1/2	35	40.0	3740	181.51

*** Sold in boxes of 100 only**

Price Group: SD

AO01

Pinch-On Clamp Service Kits



Product Information
• 15 of Part No. 0709 • 15 of Part No. 0911 • 15 of Part No. 1113 • 15 of Part No. 1315 • 15 of Part No. 1518 • 12 of Part No. 1720 • 12 of Part No. 2023 • 12 of Part No. 2225 • 12 of Part No. 2327 • 1 pair of Standard Jaw Pincers Part No. 1098

Part No.	Price $
SK1098	337.23

Plastic Kit box contains all Zinc plated 2-ear clamps.

Price Group: SD

AO01

Clamp Tools for Pinch-On Clamps



Standard Jaw	
Part No.	**Price $**
1099	159.21

Price Group: SD

AO01



Side Jaw	
Part No.	**Price $**
1098	109.36

Price Group: SD

AO01

Dixon™ Worm Gear Clamps

Features:	• clamp meets SAEJ1508 which supercedes Mil Spec WW-C-440B • four-piece construction • screw design: 8mm slotted hex head • maximum recommended torque 50 in. lbs. • ***all clamps sold 10 per box***
Materials:	Style HS material: • band and housing: SAE 300 series stainless • screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel Style HSS material: • band and housing: SAE 300 series stainless • screw: SAE 300 series stainless



Hose OD Range (mm)		Box Qty	Style HS Clamps		Style HSS Clamps	
From:	To:		Part No.	Price $ per box*	Part No.	Price $ per box*
12.7mm (1/2") Band Width						
11	20	10	HS6	13.51	HSS6	16.67
12	23	10	HS8	12.74	HSS8	16.51
14	27	10	HS10	13.11	HSS10	16.92
17	32	10	HS12	12.70	HSS12	17.00
21	38	10	HS16	13.15	HSS16	16.94
21	45	10	HS20	13.80	HSS20	16.37
27	51	10	HS24	10.37	HSS24	17.08
33	57	10	HS28	17.82	HSS28	17.49
40	64	10	HS32	13.30	HSS32	17.62
46	70	10	HS36	13.77	HSS36	18.21
52	76	10	HS40	18.66	HSS40	19.83
59	83	10	HS44	20.74	HSS44	26.91
65	90	10	HS48	21.65	HSS48	23.74
71	95	10	HS52	22.64	HSS52	24.84
78	102	10	HS56	22.64	HSS56	25.42
84	108	10	HS60	23.27	HSS60	26.67
14.3mm (9/16") Band Width						
91	114	10	HS64	29.22	HSS64	27.46
48	127	10	HS72	27.36	HSS72	28.19
64	140	10	HS80	28.60	HSS80	28.66
79	152	10	HS88	29.30	HSS88	33.27
92	165	10	HS96	30.77	HSS96	32.04
105	178	10	HS104	30.44	HSS104	33.75
143	216	10	HS128	41.42	HSS128	52.08
181	254	10	HS152	47.25	HSS152	59.27
238	311	10	HS188	49.53	HSS188	65.57
257	330	10	HS200	51.85	HSS200	64.39
276	350	10	HS212	55.51	HSS212	68.08
295	368	10	HS224	61.55	HSS224	80.24
315	387	10	HS236	66.83	HSS236	80.01
334	406	10	HS248	70.21	HSS248	89.39
435	508	10	HS312	93.83	HSS312	101.88
				Price Group: SD		**Price Group: SD**
				AO02		AO03

Maximum recommended torque 30 in./lbs.
Torque ratings given on this page correspond to the torque rating of the screw of the clamp, and are not an indication of the working pressure of any hose assembly installed with this clamp.

Dixon™ Miniature Worm Gear Clamps



Features:	• meets SAE J1508 • screw design: 1/4" slotted hex head • maximum recommended torque 15 in. lbs. • all clamps sold 10 per box
Materials:	Style MH material: • band and housing: SAE 300 series stainless • screw: SAE 1018 case-hardened, hex-free chrome zinc-plated steel Style MAH material: • band and housing: SAE 300 series stainless • screw: SAE 300 series stainless

Hose OD Range		Pkg Qty	Zinc Plated		All Stainless	
From:	To:		Part No.	Price $ per box*	Part No.	Price $ per box*
5.6	16	10	MH4	15.26	MAH4	17.01
11	20	10	MH6	12.95	MAH6	17.25
13	23	10	MH8	14.63	MAH8	17.46
14.3	27	10	MH10	13.95	MAH10	16.96
17	27	10	MH12	14.53	MAH12	18.38
24	38	10	MH16	15.51	MAH16	18.41
30	45	10	MH20	15.62	MAH20	16.99

Price Group: SD
AO01

Dixon™ HTML Hi Torque Worm Gear Clamps



Features:	• withstands more than three times the SAE torque requirements for worm-driven clamps • eight screw threads are engaged in the band simultaneously for incredible torquing drive (over 90 in. lbs.), sealing pressure and vibration resistance • slotted hex head screw design
Materials:	• band and housing: 300 series half hard stainless [1] • screw: 410 stainless steel screw

Diameter (mm)		Part No.	Pkg Qty	Price $ per box
From:	To:			
32	54	HTM200L	10	64.87
45	67	HTM250L	10	59.72
57	79	HTM300L	10	69.64
70	92	HTM350L	10	81.80
95	118	HTM450L	10	84.99

Price Group: SD

Quick Release Worm Gear Clamps

AO01



Features:	• suggested installation torque 25-35 inch pounds, maximum recommended torque 50 in. lbs. • band and housing: 201 series stainless • screw design: 5/16" slotted hex head • **Parts showing package quantities are sold in package quantities only.**
Materials:	Style LS: • screw: plated hardened carbon steel Style LSS: • screw: SAE 410 series stainless

LSS Type

Diameter Range		Part No.	Pkg Qty	Price $ (ea)
From:	To:			
51	127	LSS72	10	7.34
52	152	LSS88	10	8.76
45	178	LSS104	10	11.72
45	218	LSS128	-	8.84
52	313	LSS188	-	13.79
259	355	LSS216	-	12.48
45	406	LSS248	-	13.05

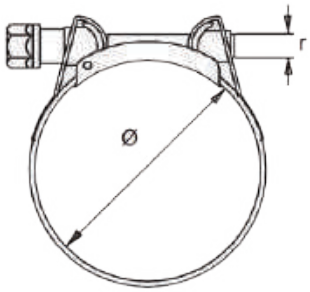
Price Group: SD
AO01

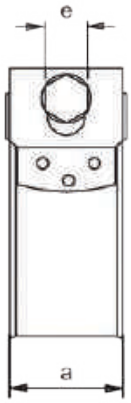
Torque ratings given on this page correspond to the torque rating of the screw of the clamp, and are not an indication of the working pressure of any hose assembly installed with this clamp.

Mikalor Super Clamps - Stainless Steel - W4

Materials:	Band and bridge: 304 stainless steel Bolt: 302 stainless steel







Hose OD Range		Part No.	Dimensions			Max Bolt Torque	Box Qty	Price $ (ea)
From:	To:		r	e (mm)	a (mm)	Torque Nm		
17	19	SS019	M6	8	18	7	50	8.92
19	21	SS021	M6	8	18	7	50	9.04
21	23	SS023	M6	8	18	7	50	11.06
23	25	SS025	M6	8	18	7	50	9.30
25	27	SS027	M6	8	18	7	50	9.93
27	29	SS029	M6	8	18	7	50	11.11
29	31	SS031	M7	10	20	16	50	11.80
31	34	SS034	M7	10	20	16	50	12.45
34	37	SS037	M7	10	20	16	50	12.45
37	40	SS040	M7	10	20	16	50	12.12
40	43	SS043	M7	10	20	16	25	12.49
43	47	SS047	M7	10	20	16	25	17.66
47	51	SS051	M7	10	20	16	25	18.89
51	55	SS055	M7	10	20	16	25	19.00
55	59	SS059	M7	10	20	16	25	19.82
59	63	SS063	M7	10	20	16	25	19.27
63	68	SS068	M7	10	20	16	25	19.83
68	73	SS073	M8	13	25	25	25	26.77
73	79	SS079	M8	13	25	25	25	27.79
79	85	SS085	M8	13	25	25	25	29.35
85	91	SS091	M8	13	25	25	25	28.42
91	97	SS097	M8	13	25	25	25	29.13
97	104	SS104	M8	13	25	25	25	29.67
104	112	SS112	M8	13	25	25	10	30.02
112	121	SS121	M8	13	25	25	10	33.24
121	130	SS130	M8	13	25	25	10	33.72
130	140	SS140	M10	15	28	50	10	43.75
140	150	SS150	M10	15	28	50	10	50.31
150	162	SS162	M10	15	28	50	10	48.78
162	174	SS174	M10	15	28	50	10	48.10
174	187	SS187	M10	15	28	50	10	55.57
187	200	SS200	M10	15	28	50	10	54.00
200	213	SS213	M10	15	28	50	10	62.35
213	226	SS226	M10	15	28	50	10	45.11
226	239	SS239	M10	15	28	50	10	69.32
239	252	SS252	M10	15	28	50	10	59.50

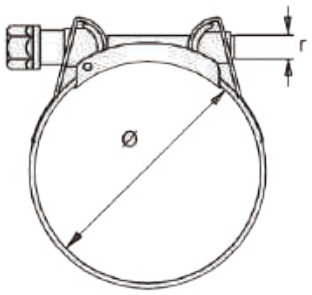
Price Group: SD

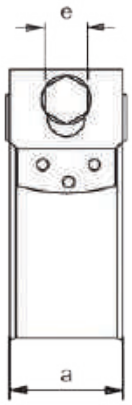
AO10

E

Mikalor Super Clamps - W1

Materials:	Band and bridge: mild steel screw: 8.8 grade steel
Protection:	Zinc Plate







Hose OD Range		Part No.	Dimensions			Max Bolt Torque	Box Qty	Price $ (ea)
From:	To:		r	e (mm)	a (mm)	Torque Nm		
17	19	SW1-17	M5	8	18	4.5	50	2.25
20	22	SW1-19	M5	8	18	4.5	50	2.32
23	25	SW1-23	M5	8	18	4.5	50	3.45
26	28	SW1-25	M5	8	18	4.5	50	2.25
29	31	SW1-29	M6	10	20	8	50	2.99
32	35	SW1-31	M6	10	20	8	50	2.85
34	37	SW1-34	M6	10	20	8	50	3.33
36	39	SW1-37	M6	10	20	8	50	2.95
40	43	SW1-40	M6	11	22	8	50	3.22
44	47	SW1-43	M7	11	22	16	50	4.34
48	51	SW1-47	M7	11	22	16	50	4.38
52	55	SW1-51	M7	11	22	16	25	4.65
56	59	SW1-55	M7	11	22	16	25	4.72
60	63	SW1-59	M7	11	22	16	25	4.71
64	67	SW1-63	M7	11	22	16	25	5.62
68	73	SW1-68	M8	13	24	25	25	6.28
74	79	SW1-73	M8	13	24	25	25	6.49
80	85	SW1-79	M8	13	24	25	25	9.08
86	91	SW1-85	M8	13	24	25	25	6.52
92	97	SW1-91	M8	13	24	25	25	6.97
98	103	SW1-97	M8	13	24	25	25	6.45
104	112	SW1-104	M8	13	24	25	25	7.97
113	121	SW1-112	M8	13	24	25	25	7.80
122	130	SW1-121	M8	13	24	25	25	9.18
131	139	SW1-130	M10	17	26	50	10	10.63
140	148	SW1-140	M10	17	26	50	10	11.71
149	161	SW1-150	M10	17	26	50	10	12.80
162	174	SW1-162	M10	17	26	50	10	13.84
175	187	SW1-174	M10	17	26	50	10	15.04
188	200	SW1-187	M10	17	26	50	10	16.34
201	213	SW1-200	M10	17	26	50	10	16.56
214	226	SW1-213	M10	17	26	50	10	19.58
227	239	SW1-226	M10	17	26	50	10	17.18
240	252	SW1-239	M10	17	26	50	10	16.28

Price Group: SD
AO10

K Series Band Style Clamps

Features:	• can be center punched or rolled over, install with the center punch or roll over tools • Fast-Lok™ tools: F1, F40, F100 • Super Strap Tools: 51960 screw action with 51970 adapter page 215 • Bandit®: S100 air tool with S180 Jr. head, C-001 hand tool with J001 Jr. adapter, S350 air tool with S260 Jr. head, T-240 for 3/8" only or T-250 for ⅜" and ⅝", S-38 for ⅜" and ⅝", J-102 Pok-It™ for ⅜" only. • Punch-Lok® tools: P-1000 for ⅜" and ⅝", P-3000 for ⅜" only, P-38 for ⅜" and ⅝" • **sold in package quantities only**
Materials:	on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel

Clamp ID (inch)	Stainless Steel Part No.	Box Qty	Price $ per Box
⅜" Wide - 0.64mm Thick			
1 3/16	KS3	100	200.01
1⅜	KS311	100	207.58
⅝" Wide - 0.76mm Thick			
1	KS4	100	280.74
1¼	KS5	100	251.73
1½	KS6	100	367.74
1¾	KS7	100	387.37
2	KS8	100	416.60
2¼	KS9	100	492.67
2½	KS10	50	242.94
2¾	KS11	50	296.00
3	KS12	50	556.86
3½	KS14	50	341.94
4	KS16	25	165.85
4½	KS18	25	154.96
5	KS20	25	193.69
6	KS24	25	259.68
7	KS28	25	171.04
8	KS32	25	187.96

Price Group: SD



F Series Centre Punch Band Style Clamps

AO06

Features:	• install with center punch tools F1, F38, F40 and F100 other manufacturer's punch style tools may also be used • **sold in package quantities only**
Materials:	on stainless clamps, bands are 300 series stainless steel, buckles are 302 series stainless steel

Clamp ID (inch)	Stainless Steel Part No.	Box Qty	Price $ per Box
⅜" Wide - 0.51mm Thick			
1 3/16	FS3	100	180.87
1⅜	FS311	100	159.75
⅝" Wide - 0.56mm Thick			
1	FS4	100	263.97
1¼	FS5	100	287.49
1½	FS6	100	304.83
1¾	FS7	100	327.26
2	FS8	100	345.93
2¼	FS9	100	287.03
2½	FS10	50	199.46
2¾	FS11	50	208.34
3	FS12	50	216.98
3½	FS14	50	243.62
4	FS16	25	136.01
4½	FS18	25	146.82
5	FS20	25	144.50
6	FS24	25	353.27
7	FS28	25	238.24
8	FS32	25	275.55

Price Group: SD

AO06



Style F
(Pre-formed)

Ultra-Lok® Band Style Clamping Systems



Features:

- Ultra-Lok provides a fast, reliable, consistent clamp made from ¾", ¼ hard, high tensile 201 stainless steel for unequalled strength and reliability.
  The powerful, portable UL9000 tool lets you apply clamps anywhere there is an AC outlet. Ultra-Lok's smooth ID seals tight with a gap-free, 360° seal and since the design allows locking under full tension, clamps resist rotation on pole applications.
- Preformed clamps available in sizes from 2" to 9" diameter.
- Speed/torque setting on tool for consistent repeatable tensioning.

Ultra-Lok® Smooth ID Clamps			
Clamp ID (inch)	**Part No.**	**Box Qty**	**Price $ (ea)**
2	UL227	100	19.41
2¾	UL210	50	19.57
3	UL211	50	16.37
3½	UL212	50	23.31
4	UL213	25	27.10
4½	UL214	25	29.95
5	UL215	25	18.87
6½	UL217	25	42.89
7	UL218	25	40.56
8	UL219	25	37.79
9	UL228	10	61.34

Price Group: SD

AO11



Drill Attachment

Ultra-Lok® Electric Installation Tool		
Part No.	**Description**	**Price $ (ea)**
UL0015	Ultra-Lok Tool (Excludes Drill)	9654.56
ULM067	Ultra-Lok Drill (Exludes Tool) (AC Power Unit)	1941.73

Note: Both drill and attachment sold separately.

Price Group: SD

AO11

Band Clamp Hand Tools



Hand Held Tool		
Part No.	**Description**	**Price $ (ea)**
F100	Hand held tool for application of ⅜" and ⅝" band clamps.	630.38

Price Group: SD

AO06



F100 Adaptor		
Part No.	**Description**	**Price $ (ea)**
F229	⅜" clamp adaptor for F100 tool only	54.56

Price Group: SD

AO06

Clamp-it Band & Buckles

Strapping - 100 ft Per Box (30.4 Mtrs)				
Width (inch)	Thickness (mm)	Material	Part No.	Price $ per Box
⅜	0.64	201 Stainless	SS375	134.06
½	0.76	201 Stainless	SS500	191.73
⅝	0.76	201 Stainless	SS625	232.37
¾	0.76	201 Stainless	SS750	298.41

Price Group: SD

AO06



Buckles				
Width (inch)	Material	Part No.	Box Qty	Price $ per Box
⅜	Stainless	CS375	100	111.97
½	Stainless	CS500	100	143.61
⅝	Stainless	CS625	100	120.44
¾	Stainless	CS750	50	111.93

To be used with C2 or 51960 band clamp tools as shown below

Price Group: SD

AO06



E

Band Clamp Hand Tools

Jack Type		
Part No.	Description	Price $ (ea)
C2	Clamping Tool for band and buckles • Lightweight • Side-entry	825.00

Price Group: SD

AO06



Jack Type		
Part No.	Description	Price $ (ea)
F1	Hand tool for application of ⅝" band clamps	331.85

Price Group: SD

AO06



Screw Action Type		
Part No.	Description	Price $ (ea)
51960	Clamping Tool for band and buckles • For vice applications only	393.37

Price Group: SD

AO06



Adaptor		
Part No.	Description	Price $ (ea)
51970	Adaptor for installing preformed clamps • For p/n 51960	256.51

Price Group: SD

AO06



Minsup™ Safety Claw Clamps

minsup



Material:	SG Iron ISO 1083
Protection:	Zinc Plated
Inserts:	Inserts in ½", ¾" and 1" clamps are made from nylon

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
½"	22	28	18.4	25	08/023/42/000	100	13.91
¾"	29	34	18.4	25	08/023/43/000	50	15.20
1"	35	40	25.8	35	08/023/46/000	50	11.62

Price Group: MS

AC03

E

Selecting the correct clamping device is critical to the performance and safety of any hose assembly. The clamp provides a combination of friction and lock in retaining the coupling to the hose.

If you are unsure of the correct clamp for the application, coupling or hose type, contact Dixon™ on 1300 134 651.



Without Chain

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
1½"	51	58	50	67.8	08/023/05/000	20	34.56
2"	65.5	71	60	81.3	08/023/03/000	15	43.29

Price Group: MS

AC03



With Chain

Nom. ID	Hose OD (mm)		Bolt Torque		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
1½"	51	58	50	67.8	08/023/06/000	20	58.17
2"	65.5	71	60	81.3	08/023/04/000	15	65.07

Price Group: MS

AC03

WARNING: Worn-out hose fittings should be replaced. Loose clamps on hose can be dangerous. Bolt type clamps should be retensioned regularly. For extra safety, retaining devices such as clips, chains or cables must be used.
Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies. Refer to Technical section for more information.

Chain Restrainers



Suits Clamp Size	Chain Size	Part No.	Price $ (ea)
1½" and 2"	⅛"	08/023/01/047A	18.16

For use with Minsup™ double bolt claw clamp.
Replacement chain to suit 1½" & 2" clamp size

Price Group: MS

AC03

Not recommended as a replacement for a whipcheck. Refer to pages 127 and 136 for additional information. Please contact Dixon™ for further information.

Minsup™ Double Bolt Clamps



Nom. ID	Hose OD (mm)		Torque Nm		Part No.	Pkg Qty	Price $ (ea)
	From:	To:	ft-lbs	Nm			
½"	24	27	18.4	25	08/023/14/000	100	10.48
¾"	31	33	18.4	25	08/023/15/000	50	13.08
1"	37	39	25.8	35	08/023/13/000	50	12.10

Price Group: MS

AC03

4-Bolt Type Clamps

4-Bolt Type, 2 Gripping Fingers											
Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Zinc Plated Iron Part No.	Price $	Stainless Steel Part No.	Price $	Torque[3]		Pkg Qty
		To:	From:					lb-ft	Nm	
1	25	38.9	43.7	BU14	35.96	RBU14	386.52	21	28.5	25
1	25	42.9	49.2	B14	34.91	---	---	21	28.5	25
1	25	49.2	54.0	B15	47.33	---	---	21	28.5	20
1¼	32	38.1	45.2	BU18	71.49	---	---	40	54.2	10
1¼	32	45.2	53.2	BU19	68.12	---	---	40	54.2	10
1¼	32	54.0	60.3	B19	64.96	---	---	40	54.2	10
1½	40	46.0	50.8	BU22	63.70	---	---	40	54.2	10
1½	40	50.8	56.4	B22	69.74	---	---	40	54.2	10
1½	40	55.6	60.3	BU24	52.35	RBU24	491.61	40	54.2	10
1½	40	60.3	65.1	B24	62.40	RB24	448.41	40	54.2	10
1½	40	65.1	69.9	B25	55.07	---	---	40	54.2	10
2	50	59.5	64.3	BU28	68.27	---	---	60	81.3	10
2	50	63.5	70.6	BU29	72.02	RBU29	616.82	60	81.3	10
2	50	69.9	77.8	B29	86.79	RB29	636.18	60	81.3	10
2	50	78.6	87.3	B30	128.20	---	---	60	81.3	5
2½	65	78.6	87.3	BU34	109.42	---	---	60	81.3	5
2½	65	88.9	100.0	B34	166.54	---	---	150	203.4	5
3	75	88.9	100.0	BU35	148.10	RBU35	921.25	150	203.4	5
3	75	96.8	103.2	B35	176.15	---	---	150	203.4	5
3	75	103.2	112.7	B39	199.32	---	---	200	271.2	5
4-Bolt Type, 4 Gripping Fingers										
½	15	23.0	26.2	968	35.96	---	---	6	8.1	50
1	25	35.7	39.7	156 [1]	38.01	---	---	21	28.5	20
1¼	32	42.9	47.6	187 [1]	59.25	---	---	21	28.5	10
1¼	32	47.6	52.4	206 [1]	52.67	---	---	21	28.5	20
1½	40	50.8	54.0	212 [1]	72.94	---	---	21	28.5	10
1½	40	52.4	57.2	225 [1]	62.37	---	---	40	54.2	10
2	50	57.2	63.5	250 [1 5]	70.26	---	---	40	54.2	10
2	50	63.5	69.9	275 [1 5]	73.16	---	---	40	54.2	10
2	50	69.9	77.8	306 [1 5]	103.58	---	---	60	81.3	10
2½	65	77.8	88.9	350 [1]	102.87	---	---	60	81.3	5
3	75	88.9	95.3	375 [1]	136.03	---	---	60	81.3	5
3	75	95.3	101.6	401 [1]	181.48	---	---	150	203.4	5
3	75	101.6	106.4	418 [1]	312.33	---	---	200	271.2	4
3	75	106.4	114.3	450 [1]	227.88	---	---	200	271.2	2

Zinc Plated Iron								
Hose ID Size (inch)	Hose ID Size (mm)	Hose OD		Part No.	Torque[3]		Pkg Qty	Price $
		To:	From:		lb-ft	Nm		
3	76	107.9	122.2	BS39	150	203.4	2	425.19
4	101	117.4	127.0	B45	150	203.4	3	378.58
4	101	123.8	133.3	BS49	200	271.2	2	913.68
4	101	133.3	142.0	BU49	200	271.2	2	743.74
4	101	140.4	150.8	B49	200	271.2	2	717.44



4 Bolt Type, 2 Gripping Fingers



4 Bolt Type, 4 Gripping Fingers



6 Bolt Type, 3 Gripping Fingers

[1] 4 gripping fingers
[2] Available while stock lasts
[3] Torque applies to plated iron and stainless steel clamps
[4] Investment cast carbon steel
[5] Not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26

Price Group: SD

AD04

Air King™ Double Bolt Clamps

Features:	• Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. • for use with Air King™ ends



Plated Iron					
Hose ID Size (inch)	Hose OD Range (inch)		Torque (ft lbs)	Part No.	Price $ (ea)
	From:	To:			
½	25.4	30.2	6	A4	12.96
¾	28.6	33.3	12	A9	15.65
1	33.3	38.1	12	A10 [1, 2]	18.55
1	38.1	46.0	21	A14	25.70

[1] can be used with ***AM6*** and ***AM11***
[2] global investment cast carbon steel

Price Group: SD
AD04

Dixon™ Double Bolt Clamps

Features:	• inner surface has dual gripping ridges • bolt lugs are reinforced to prevent bending out of alignment • Torque values for clamps are based on dry bolts. • The use of lubricant on bolts will adversely effect clamp performance. • measure hose OD accurately before ordering clamps • Consult Dixon® when using double bolt clamps on helical wire hose.





Hose OD (mm)		Torque (ft lbs)	Part No.	Price $ (ea)
From:	To:			
Double Bolt Clamp Without Saddles				
28.6	30.2	15	J48	9.89
30.2	34.9	21	J49	16.08
36.5	38.9	21	JX49	15.62
41.3	46.0	40	DL14	22.59
44.5	52.0	27	DL20	21.63
53.6	58.3	27	DL24 [1]	17.42
58.7	66.7	40	DL32 [1]	21.76
63.5	69.9	40	DL275	28.71
69.9	77.8	60	DL306	34.38
77.8	85.7	60	DL328	38.06
82.6	88.9	60	DL350	36.57
Double Bolt Clamp With 2 Saddles				
88.9	96.8	40	400	36.36
96.0	103.2	40	431	41.31
102.4	108.7	40	463	33.39
108.0	125.4	60	525	42.50
114.3	133.4	60	550	41.49
130.2	144.5	60	600	54.64
144.5	150.8	60	639	99.20
150.8	165.1	60	675	53.81
165.1	192.1	60	769	62.88
195.3	208.0	125	818	93.43
209.6	225.4	125	875	88.03
227.0	250.8	125	988	106.28
252.4	288.9	125	1125	152.67
284.2	330.2	125	1275	347.02
309.6	355.6	200	1360	313.90
335.0	381.0	200	1450	395.58
382.6	444.5	260	1700	422.90

Price Group: SD

[1] Investment carbon steel

AD02

• Consult Dixon™ when using double bolt clamps on helical wire hose.
• NOTE: Measure Hose OD accurately before ordering Clamps

Ludecke Hose Claw Clamps Din 20 039 B

For Hose ID Size	For Hose OD Size (mm)	Part No.	Pkg Qty	Weight (g)	Price $ (ea)
½" = 13mm	22 - 29	SK29	10	142	17.18
¾" = 19mm	28 - 32	SK34	10	220	20.00
1" = 25mm	35 - 42	SK39	5	272	17.70
1-7/64" = 28mm	42 - 45	SK44	5	340	31.10
1⅜" = 35mm	45 - 53	SK55	5	380	55.35
1-21/32" = 42mm	55 - 60	SK60	1	416	42.43
2" = 50mm	60 - 73	SK73	1	637	61.44



With safety claws. Two parts with loose saddles. Malleable iron.

Price Group: SD

AK02

Ludecke Two Bolt Hose Clamps

For Hose ID Size	For Hose OD Size (mm)	Part No.	Pkg Qty	Weight (g)	Price $ (ea)
½" = 13mm	22 - 29	SL29	10	128	8.92
¾" = 19mm	28 - 34	SL34	10	134	8.78
1" = 25mm	32 - 40	SL40	10	188	11.94
1¼" = 32mm	39 - 49	SL49	10	244	16.01
1½" = 38mm	48 - 60	SL60	5	297	20.67
2" = 50mm	56 - 72	SL72	5	340	30.28
2" = 50mm	60 - 76	SL76	5	405	26.10
2½" = 63mm	77 - 94	SL94	5	556	38.77
3" = 76mm	94 - 115	SL115	1	739	33.28
3½" = 89mm	115 - 145	SL145	1	1046	82.13



Two parts with loose saddles. Malleable iron.

Price Group: SD

AK02

Clockwise Wound (Right Hand) Spiral Clamps



Features:	• more than one clamp may be needed per size, contact the hose manufacturer for more information • for use on convoluted cover hose • To determine which style clamp is needed for your hose look at the end of the hose; if the helix spirals in a clockwise direction away from you (along the hose), a clockwise clamp is needed. If the helix spirals in a counterclockwise direction away from you, a counterclockwise clamp is needed. Examples include, but are not limited to: Kuriyama convoluted hose uses counter clockwise clamps; Pacific Echo and Kana Flex use clockwise clamps; Goodyear uses both counter clockwise and clockwise.

Hose ID Size (inch)	Part No.	Price $ (ea)
1½	SC150	13.60
2	SC200	18.97
2½	SC250	15.86
3	SC300	23.20
4	SC400	22.79
5	SC500	34.94
6	SC600	35.14
8	SC800	47.48

Price Group: SD

AO09

Due to fluctuations in the OD of hose each individual installation should be checked

Anti-Clockwise Wound (Left Hand) Spiral Clamps



Hose ID Size (inch)	Part No.	Price $ (ea)
2	SCCW200	18.34
2½	SCCW250	21.34
3	SCCW300	21.87
4	SCCW400	23.31
5	SCCW500	34.92
6	SCCW600	27.61

Price Group: SD

AO09

Dry Disconnect Fittings Index



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FloMAX Fuelling System - Diesel Fuel Nozzle



Application:	On-site refueling of construction, mining, forestry and agricultural equipment.
Design:	Interchanges with Caterpillar® and Wiggins systems. Integrated high flow swivel, Integrated sealing plug, Delron® bushings eliminate metal-to-metal wear. Plug/bumper assembly gives complete nose seal.
Materials:	Cast aluminium housing, Anodised aluminium non-wear parts, Heat treated stainless steel wear components
Pressure:	Tested to 180 gallons per minute
Options:	Stainless steel ball lock and dog latch mechanisms available

1½" Female NPT

Part No.	Description	Price $
FN600	Fuel nozzle with swivel, plug & dog latch	4212.56
FN600BL	Fuel nozzle with swivel, plug & ball lock	3242.53
FN600B-PLUG	Fuel nozzle sealing plug for FN600	288.32
FN600B	Fuel nozzle sealing plug for FN600BL	288.32
FN600-K1	Service kit	595.10
FN600-K0	Rebuild tools	1007.98

Price Group: SD

AS04

FloMAX Fuelling System - Diesel Fuel Receivers

Application:	On-site refueling of construction, mining, forestry and agricultural equipment.
Design:	Interchanges with Caterpillar® and Wiggins systems. FR-RS receiver allows replacement of wear components without draining the fuel tank.
Materials:	Available in anodised aluminium or nickel-plated steel. O-ring sealed aluminium cap. Plug has set screw attached vinyl coated cable lanyard. FR-RS receiver has an aluminium base with nickel-plated steel nose



One-Piece Body

Part No.	Description	Price $
FRS	Fuel receiver - steel	568.18
FRS-C	Fuel receiver - steel with cap	596.82
FRA	Fuel receiver - aluminium	478.43
FRA-C	Fuel receiver - aluminium with cap	519.53
FR-CAP	Fuel receiver cap	178.12



Two-Piece Body

Part No.	Description	Price $
FR-RS-C	Fuel receiver -2 piece with cap	982.68

Price Group: SD

AS04

Non-Interchange Diesel Fuel Nozzle and Receiver





Application:	Often used in biodiesel fueling.
Features:	• Designed to prevent fuel contamination • Connects to the non-interchange receiver only. • Ball lock design

Nozzle

Part No.	Description	Price $
FN600BL-NI	Ball lock fuel nozzle	4322.26

Receiver - Anodized Aluminum

Part No.	Description	Price $
FRA-NI-C	One piece receiver with cap	694.62

Price Group: SD

AS04

FloMAX Fuelling System - 2" Diesel High Flow Fuel Nozzle

Application:	High flow on-site refuelling of construction, mining, forestry and agricultural equipment and machinery.
Design:	Stainless steel ball lock design
Materials:	Cast aluminium housing, anodised aluminium non wear parts, stainless steel internal wear components, Delron® bushings
Pressure:	Tested to 1500 litres per minute



2" Female NPT - High Flow		
Part No.	**Description**	**Price $**
FX1500SP	2" High flow fuel nozzle with swivel & plug	4223.54
FX1500	2" High flow fuel nozzle no swivel or plug	6502.51
FX1500P	2" High flow fuel nozzle with plug, no swivel	6724.16
FX1500S	2" High flow fuel nozzle with swivel no plug	6828.45
FX1500PLUG	2" Sealing Plug for FX1500	309.64

Price Group: SD

AS04

FloMAX Fuelling System - 2" Diesel Fuel Receiver

Application:	High flow on-site refuelling of construction, mining, forestry and agricultural equipment and machinery.
Materials:	Aluminum anodised with stainless steel removable sleeve, O-ring sealed aluminium cap, Plug has set screw attached vinyl coated cable lanyard
Pressure:	Tested to 1500 litres per minute



2" Female NPT High Flow Diesel Fuel Receiver		
Part No.	**Description**	**Price $**
FRX	2" High flow Diesel Fuel Receiver	1002.40
FRX-C	2" High flow Diesel Fuel Receiver with Cap	712.92
FRXCAP	2" Cap to suit High Flow Receiver	234.68

Price Group: SD

AS04

FloMAX Fuelling System - Diesel Fuel Swivels & Gravity Fill Receivers

Features:	• stainless steel male threaded base and ball bearings • hard black anodized female threaded nut • fluorosilicone sealing O-rings



standard



double

Diesel Fuel Swivels			
Thread Size	**Part No.**	**Description**	**Price $**
1½" male NPT x 1½" female NPT	FNS	Standard fuel swivel 1½"	412.23
2" male NPT x 1½" female NPT	FNS2	Standard fuel swivel 2" x 1½"	442.44
1½" female NPT x 1½" female NPT	FN600S [1]	FN600 fuel swivel 1½"	548.17
1½" male NPS x 1½" female NPT	FNSID	Double fuel swivel 1½"	494.27

[1] used with FN600 or FN600BL

Price Group: SD

AS04

Diesel Fuel Gravity Fill Receiver [1]			
Size	**Part No.**	**Description**	**Price $**
1⅜"	GFR-0	Gravity fill fuel receiver 1⅜", straight	642.94
1⅜"	GFR-45	Gravity fill fuel receiver 1⅜", 45°	647.57
1⅜"	GFR-90	Gravity fill fuel receiver 1⅜", 90°	693.39
1"	GFR1-0	Gravity fill fuel receiver 1", straight	693.39
1"	GFR1-45	Gravity fill fuel receiver 1", 45°	681.66
1"	GFR1-90	Gravity fill fuel receiver 1", 90°	744.92

[1] used with FN600 or FN600BL



Price Group: SD

AS04

FloMAX Fuel Vent System



Application:	On-site refueling of construction, mining, forestry and agricultural equipment.
Design:	Billet cap provides superior impact resistance. Easily serviced all metal construction. Rigid ball cage for positive seal
Options:	Available with: Threaded outlet, Half coupling

2" Male NPT

Part No.	Description	Price $
VT	Fuel Vent with 5" Tube	684.22
VT7	Fuel Vent with 7" Tube	716.83
VT9	Fuel Vent with 9" Tube	736.97
VTT	Fuel Vent with 5" Tube and Threaded Outlet	727.89
VTT7	High flow Fuel Vent with 7" Tube	747.32
VTX-9	High flow Fuel Vent with 9" Tube	1213.61

Price Group: SD

AS04

F

FloMAX Standard Series Connectors - Engine Oil (Red)

VT



Nozzle



Receiver



ERJ-C

Application:	4 color-coded mating connectors Has easily recognizable labelling and are fully compatible and interchangeable with industry standard.
Design:	Universally fits all crankcase receivers, both R-Series and Standard Series. Incorporates 10 locking balls with a 40% deeper engagement. Resistant to clogging. Larger diameter pullback lanyard. Smoother actuation.
Materials:	All-metal construction with stainless steel wear components and bright red anodised aircraft grade aluminium non-wear components

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
¾ NPT	-	ENBL	Engine Nozzle Ball Lock	885.82
¾ NPT	-	ENBL-P	Engine Nozzle Ball Lock with Plug	974.86
-	-	ENBL-PLUG	Engine Nozzle Plug	151.95
Receivers				
¾ NPT	-	ERS	Engine Receiver	418.01
¾ NPT	-	ERS-C	Engine Receiver with Cap	474.84
-	-	ERS-CAP	Engine Receiver Cap	151.95
¾ JIC		ERJ	Engine Receiver with JIC Bulkhead Base	459.23
¾ JIC		ERJ-C	Engine Receiver with JIC Bulkhead Base and Cap	502.72

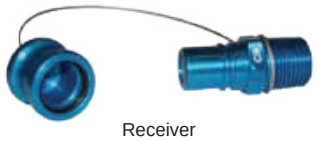
Price Group: SD

AS04

FloMAX Standard Series Connectors - Coolant Fluid (Teal)



Nozzle



Receiver

Application:	Color-coded mating connectors
Design:	Ergonomically engineered pullbacks and caps. Standard roll-pin locking mechanism.
Materials:	Nickle-plated stainless steel nozzle nose and base, Bright teal anodised aluminium

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
½ NPT	-	CN	Coolant Nozzle Ball Lock	549.29
½ NPT	-	CN-P	Coolant Nozzle Ball Lock with Plug	621.17
-	-	CN-PLUG	Coolant Nozzle Plug	159.05
Receivers				
½ NPT	-	CR-S	Coolant Receiver	328.39
½ NPT	-	CR-C	Coolant Receiver with Cap	378.93
-	-	CR-CAP	Coolant Receiver Cap	159.05

Price Group: SD

AS04

FloMAX Standard Series Connectors - Hydraulic Oil (Gold)

Application:	Has easily recognizable labelling and are fully compatible and interchangeable with industry standard.
Design:	Ergonomically engineered pullbacks and caps 10 steel dog latching mechanism Colour-coded mating connectors
Materials:	All-metal construction with stainless steel wear components & bright gold anodised aircraft grade aluminium non-wear components, Nickle-plated stainless steel wear components



Nozzle



Receiver

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	¾ NPT	HN	Hydraulic Nozzle	930.93
-	¾ NPT	HN-P	Hydraulic Nozzle with Plug	987.15
-	-	HN-PLUG	Hydraulic Nozzle Plug	151.95
Receivers				
¾ NPT	-	HR	Hydraulic Receiver	841.17
¾ NPT	-	HR-C	Hydraulic Receiver with Cap	897.07
-	-	HR-CAP	Hydraulic Receiver Cap	151.95

Price Group: SD

AS04

FloMAX Standard Series Connectors - Transmission Fluid (Violet)

Application:	Color-coded mating connectors
Design:	Ergonomically engineered pullbacks and caps 6 steel dog latching mechanism
Materials:	Nickle-plated stainless steel nozzle nose and base, Bright violet anodised aluminium



Nozzle



Receiver

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
½ NPT	-	TN	Transmission Nozzle	868.27
½ NPT	-	TN-P	Transmission Nozzle with Plug	924.79
-	-	TN-PLUG	Transmission Nozzle Plug	151.95
Receivers				
½ NPT	-	TR	Transmission Receiver	546.47
½ NPT	-	TR-C	Transmission Receiver with Cap	587.54
-	-	TR-CAP	Transmission Receiver Cap	151.95

Price Group: SD

AS04

FloMAX Service Box with Connectors

Application:	FloMAX Service Boxes can be mounted directly to your mobile equipment to provide a central location for refilling and evacuation of fluid. Supplied standard with receivers for Diesel Fuel, Coolant, Hydraulic Oil, Hydraulic Oil Drain and Crankcase Engine Oil.
Material:	Painted Imron Terex white



Part No.	Description	Price $
FSB	Service box complete with connectors	6429.71

Price Group: SD

AS04

FloMAX R Series Connectors - Engine Oil (Red)



Nozzle



Receiver

Application:	Connectors are fully compatible and interchangeable with industry standards.
Design:	All metal construction Ergonomically engineered pullbacks and caps Standard roll-pin locking mechanism
Material:	All-metal construction using bright red anodised aircraft grade aluminium non-wear components

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	¾ NPT	R-EN	R Series Engine Nozzle Ball Lock	789.17
-	¾ NPT	R-EN-P	R Series Engine Nozzle Ball Lock with Plug	846.07
-	-	R-EN-PLUG	R Series Engine Nozzle Plug	151.95
Receivers				
1.625-12 UN-2A	1.312-12 UN-2B	R-ER	R Series Engine Receiver	385.69
1.625-12 UN-2A	1.312-12 UN-2B	R-ER-C	R Series Engine Receiver with Cap	442.70
-	-	R-ER-CAP	R Series Engine Receiver Cap	151.95

Price Group: SD

AS04

FloMAX R Series Connectors - Coolant Fluid (Teal)



Nozzle



Receiver

Application:	Connectors are fully compatible and interchangeable with industry standards.
Design:	All metal construction Ergonomically engineered pullbacks and caps Standard roll-pin locking mechanism
Material:	Bright teal anodised aircraft grade aluminium

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	½ NPT	R-CN	R Series Coolant Nozzle Ball Lock	594.72
-	½ NPT	R-CN-P	R Series Coolant Nozzle Ball Lock with Plug	651.33
-	-	R-CN-PLUG	R Series Coolant Nozzle Plug	151.95
Receivers				
1.187-12 UN-2A	.875-14 UN-2B	R-CR	R Series Coolant Receiver	272.25
1.187-12 UN-2A	.875-14 UN-2B	R-CR-C	R Series Coolant Receiver with Cap	328.79

Price Group: SD

AS04

FloMAX R Series Connectors - Hydraulic Oil (Gold)

Application:	Connectors are fully compatible and interchangeable with industry standards.
Design:	All metal construction Ergonomically engineered pullbacks and caps Standard roll-pin locking mechanism
Material:	All-metal construction using bright gold anodised aircraft grade aluminium non-wear components

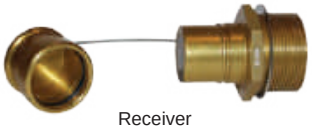
Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	1 NPT	R-HN	R Series Hydraulic Nozzle	817.35
-	1 NPT	R-HN-P	R Series Hydraulic Nozzle w/ Plug	875.10
-	-	R-HN-PLUG	R Series Hydraulic Nozzle Plug	151.95
Receivers				
1.875-12 UN-2A	1.625-12 UN-2B	R-HR	R Series Hydraulic Receiver	500.83
1.875-12 UN-2A	1.625-12 UN-2B	R-HR-C	R Series Hydraulic Receiver w/ Cap	557.65
-	-	R-HR-CAP	R Series Hydraulic Receiver Cap	151.95

Price Group: SD

AS04



Nozzle



Receiver

F

FloMAX R Series Connectors - Transmission Fluid (Violet)

Application:	Connectors are fully compatible and interchangeable with industry standards.
Design:	All metal construction Ergonomically engineered pullbacks and caps Standard roll-pin locking mechanism
Material:	Bright violet anodised aircraft grade aluminium

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	¾ NPT	R-TN	R Series Transmission Nozzle	597.80
-	¾ NPT	R-TN-P	R Series Transmission Nozzle w/ Plug	654.86
-	-	R-TN-PLUG	R Series Transmission Nozzle Plug	151.95
Receivers				
1.312-12 UN-2A	1.062-12 UN-2B	R-TR	R Series Transmission Receiver	315.33
1.312-12 UN-2A	1.062-12 UN-2B	R-TR-C	R Series Transmission Receiver w/ Cap	372.46
-	-	R-TR-CAP	R Series Transmission Receiver Cap	151.95

Price Group: SD

AS04



Nozzle



Receiver

FloMAX Universal Drain Nozzle

Application:	Used to drain multiple fluids incorporates the one way check valve to prevent back flow and potential fluid cross contamination.
Design:	Universal evacuation nozzle that will connect with all ¾" ERS series receivers.
Material:	Non wear components are aircraft grade aluminium (black anodised) and all wear components are in stainless steel.

Male Thread (inch)	Female Thread	Part No.	Description	Price $
Nozzles				
-	¾ NPT	UN34-P	Universal Drain Nozzle	1297.16

Price Group: SD

AS04



FloMAX - High Flow Series



Nozzle



Receiver

Application:	Standard mounting for nozzle is a 1" female NPT. For receiver a 1" male NPT. Receiver comes with a 1" female NPT threaded base.
Specifications:	Consists of 7 nozzle and receiver sets that are colour coded for quick identification of mating parts. Each color nozzle and receiver will only couple with their matching colour component. This will provide complete protection against cross contamination.
Design:	Nozzle/receiver combination has a flow area equivalent to a 1" schedule 80 pipe. Nozzle incorporates a ball lock mechanism to ensure smooth & reliable operation.
Working Pressure:	500 PSI
Burst Pressure:	Minimum 1500 PSI
Material:	All wear parts are stainless steel for long life & corrosion resistance. All non-wear parts constructed of teal coloured anodised aircraft grade aluminium for high strength, lightweight & corrosion resistance.

Thread (inch)	Part No.	Description	Length (inch)	Diameter (inch)	Hex Size (inch)	Price $
Nozzles						
1 FNPT	HFN-P1	Red high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P2	Gold high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P3	Blue/Grey high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P4	Violet high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P5	Navy high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P6	Copper high flow nozzle with plug	3.90	2.50	2	1234.80
1 FNPT	HFN-P7	Blue/Gray nozzle with plug	3.90	2.50	2	1234.80
Receivers						
1 MNPT	HFR-C1	Red high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C2	Gold high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C3	Blue/Grey high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C4	Violet high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C5	Navy high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C6	Copper high flow receiver with cap	3.44	2.50	2	658.18
1 MNPT	HFR-C7	Blue/Gray receiver with cap	3.44	2.50	2	658.18

* Nozzle and receiver coupled length: 5.44" (138 mm)

Price Group: SD

AS04

FloMAX - ENBL Series ¾"

Specifications:	Consists of 6 nozzle and receiver sets that are colour coded for quick identification of mating parts. Each colour nozzle and receiver will only couple with their matching colour component. This will provide complete protection against cross contamination.
Pressure:	Maximum flow rate of 45 GPM at 70 PSI Working pressure rating of 200 PSI



Nozzle



Receiver

Thread (inch)	Part No.	Description	Price $
Nozzles			
¾ MNPT	ENBL-P	Red nozzle with plug	974.86
¾ MNPT	ENBL-P2	Gold nozzle with plug	974.87
¾ MNPT	ENBL-P3	Teal nozzle with plug	974.87
¾ MNPT	ENBL-P4	Violet nozzle with plug	974.87
¾ MNPT	ENBL-P5	Navy nozzle with plug	974.87
¾ MNPT	ENBL-P6	Copper nozzle with plug	974.87
Receivers			
¾ MNPT	ERS-C	Red receiver with cap	474.84
¾ MNPT	ERS-C2	Gold nozzle with cap	474.85
¾ MNPT	ERS-C3	Teal nozzle with cap	474.85
¾ MNPT	ERS-C4	Violet nozzle with cap	474.85
¾ MNPT	ERS-C5	Navy nozzle with cap	474.82
¾ MNPT	ERS-C6	Copper nozzle with cap	474.85

Price Group: SD

AS04

FloMAX - JIC Bulkhead Series ¾"

Specifications:	Consists of 6 receivers that are colour coded for quick identification of mating parts. Fully compatible and interchangeable with industry standard connectors.
Material:	All metal construction, colour coded anodised aircraft aluminium non wear components
Pressure:	Maximum flow rate of 45 GPM at 70 PSI Working pressure rating of 200 PSI



Receivers - JIC Bulkhead Mount			
Thread (inch)	**Part No.**	**Description**	**Price $**
¾ Male JIC	ERJ-C	Receiver with JIC bulkhead base, locknut & cap	502.72
¾ Male JIC	ERJ-C1	Receiver with JIC Bulkhead Base, Locknut & Cap, red	502.72
¾ Male JIC	ERJ-C2	Receiver with JIC bulkhead base, locknut & cap, gold	502.72
¾ Male JIC	ERJ-C3	Receiver with JIC bulkhead base, locknut & cap, teal	502.72
¾ Male JIC	ERJ-C4	Receiver with JIC bulkhead base, locknut & cap, violet	502.72
¾ Male JIC	ERJ-C5	Receiver with JIC bulkhead base, locknut & cap, navy	502.72
¾ Male JIC	ERJ-C6	Receiver with JIC bulkhead base, locknut & cap, copper	502.72

Price Group: SD

AS04

F

FloMAX Part Number Cross Reference

Standard Series Connectors

Dixon™ Part No.	Caterpillar Part No.	Wiggins Part No.	Fast Fill Part No.
Engine Oil Nozzles			
ENBL	9S9273	OS2	N100
ENBL-P	---	OSP2	N100P
ENBL-PLUG	9S9274	OP-12	P100
ERJ	-	ON6	R100J
Engine Oil Receivers			
ERS	9S9271	ON2	R100
ERS-C	---	ONC2A	R100C
ERS-CAP	9S9272	O3B12P	C100
Coolant Fluid Nozzles			
CN	108-5455	EC280B8	N200
CN-P	---	---	---
CN-PLUG	108-5456	1209-8	P200
Coolant Fluid Receivers			
CR-S	IQ5459	EC285A8	R200
CR-C	---	---	---
CR-CAP	5P3587	1208-8	C200
Hydraulic Oil Nozzles			
HN	108-5433	6000B12	N300
HN-P	---	---	---
HN-PLUG	---	6009-12	P300
Hydraulic Oil Receivers			
HR	108-5454	6005A12	R300
HR-C	---	---	---
HR-CAP	IQ-5468	6008-12	C300
Transmission Fluid Nozzles			
TN	126-7538	C-1807	N400
TN-P	---	---	---
TN-PLUG	---	P-1844	P400
Transmission Fluid Receivers			
TR	108-5456	P-1804	R400
TR-C	---	---	---
TR-CAP	SP3587	P-1880	C400

R Series Connectors

Dixon™ Part No.	Caterpillar Part No.	Wiggins Part No.	Fast Fill Part No.
Engine Oil Nozzles			
R-EN	126-7539	R15	N100R
R-EN-P	-	-	---
R-EN-PLUG	-	-	---
Engine Oil Receivers			
R-ER	-	R16	R100R
R-ER-C	-	-	---
R-ER-CAP	110-8826	-	---
Coolant Fluid Nozzles			
R-CN	127-9087	R11	N200R
R-CN-P	-	-	---
R-CN-PLUG	-	-	---
Coolant Fluid Receivers			
R-CR	-	R12	R200R
R-CR-C	-	-	---
R-CR-CAP	-	-	---
Hydraulic Oil Nozzles			
R-HN	127-9088	R17	N300R
R-HN-P	-	-	---
R-HN-PLUG	-	-	---
Hydraulic Oil Receivers			
R-HR	118-0166	R18	R300R
R-HR-C	-	-	---
R-HR-CAP	118-0165	-	---
Transmission Fluid Nozzles			
R-TN	126-7538	R13	N400R
R-TN-P	-	-	---
R-TN-PLUG	-	-	---
Transmission Fluid Receivers			
R-TR	-	R14	R400R
R-TR-C	-	-	---
R-TR-CAP	110-8318	-	---

Fuel Vent Series

Dixon™ Part No.	Caterpillar Part No.	Wiggins Part No.	Fast Fill Part No.
VT	6G7803	ZV10	V150
VT7	-	-	---
VT9	-	-	---
VTT	SV6106	ZV10C	V150C

Diesel Fuelling System

Dixon™ Part No.	Caterpillar Part No.	Wiggins Part No.	Fast Fill Part No.
Nozzles			
FN600	-	ZZF150	N150PB
FN600BL	4C6716	ZZ9A1	---
FN600B-PLUG	-	-	N150BP
FN600B	---	---	
Receivers			
FRS	269000	ZN2A	R150AL
FRS-C	-	ZNC2A	R150SC
FRA	2G9000	ZN2A	R150AL
FRA-C	-	ZNC2A	R150ALC
FR-CAP	9D0630	ZC20P	C150
FR-RS	-	-	---
FR-RS-C	-	-	---
FR-RS-R	-	-	---
GFR-0	-	ZN6A	A150A
GFR-45	-	-	---
GFR-90	-	ZN6B	A150B
GFR1-0	-	ZN6B	A150B
GFR1-45			---
GFR1-90	-	ZN6B	A150B
FNS	-	ZS9	S150
FNS2	-	-	---
FN600S	-	-	---
FNS10	-	-	---

Safety Break-Away Couplings - Breaking Bolt Series Industrial Version

Application:	The breaking bolt industrial breakaway coupling is designed to minimize spillage and damage associated with drive away and pull away incidents.
Design:	Coupling automatically senses an excessive load, closes the valves and disconnects. Simple mechanism, no loose components lost after release. High flow rate / low pressure drop. Female NPT & BSP is standard, optional ANSI / DIN flanges are available. 10" and 12" sizes also available, consult Dixon™ for more information.
Material:	Stainless steel or aluminium, others on request
Working Pressure:	SS - 360 PSI @ 21°C AL - 230 PSI @ 21°C
Seal:	FKM is standard seal



Size (inch)	Width (mm)	Length (mm)	Weight (kg)		Flow Rate / LPM
			SS	AL	
2	114	178	2.3	1.4	757
3	173	279	8.2	3.6	2460
4	210	305	15.4	6.4	3028
5	269	356	32.3	12.3	4164
6	305	406	45.9	15.9	5678
8	343	450	71.4	30	14000

Industrial Version - Female x Female

Size (inch)	DN	Stainless Steel		Aluminium	
		Part No.	Price $	Part No.	Price $
NPT					
2	50	SBC200SS	4359.42	SBC200AL	2165.43
3	80	SBC300SS	7706.58	SBC300AL	3792.27
4	100	SBC400SS	11442.25	SBC400AL	9783.66
5	125	SBC500SS	22049.86	SBC500AL	13820.28
6	150	SBC600SS	39889.31	SBC600AL	30860.20
BSP					
2	50	SBC200SSA	3339.56	SBC200ALA	3139.35
3	80	SBC300SSA	6099.23	SBC300ALA	3792.25
4	100	SBC400SSA	11442.25	SBC400ALA	5740.67
5	125	SBC500SSA	22049.86	SBC500ALA	13820.28
6	150	SBC600SSA	39846.17	SBC600ALA	30860.20



Price Group: SD

AS01

Industrial Version - Male x Male

Size (inch)	DN	Stainless Steel		Aluminium	
		Part No.	Price $	Part No.	Price $
NPT					
2	50	SBC200SSMNPT	4555.54	SBC200ALMNPT	2425.65
3	80	SBC300SSMNPT	8120.32	SBC300ALMNPT	4435.23
4	100	SBC400SSMNPT	13376.63	SBC400ALMNPT	6647.35
5	125	SBC500SSMNPT	22049.86	SBC500ALMNPT	14602.66
6	150	SBC600SSMNPT	47265.01	SBC600ALMNPT	32968.28
BSP					
2	50	SBC200SSMBSP	4555.54	SBC200ALMBSP	2425.65
3	80	SBC300SSMBSP	8120.32	SBC300ALMBSP	4435.23
4	100	SBC400SSMBSP	13376.63	SBC400ALMBSP	6647.35
5	125	SBC500SSMBSP	22049.86	SBC500ALMBSP	14559.58
6	150	SBC600SSMBSP	47265.01	SBC600ALMBSP	32968.28



Price Group: SD

AS01

Industrial Version - ANSI150 Flange x ANSI150 Flange



Size (inch)	DN	Stainless Steel		Aluminium	
		Part No.	Price $	Part No.	Price $
2	50	SBC200SSFL	6683.98	SBC200ALFL	3793.03
3	80	SBC300SSFL	10715.04	SBC300ALFL	5547.21
4	100	SBC400SSFL	15363.94	SBC400ALFL	7842.75
5	125	SBC500SSFL	26226.12	SBC500ALFL	16378.05
6	150	SBC600SSFL	41848.12	SBC600ALFL	32278.33
8	200	SBC800SSFL	108000.00	---	---

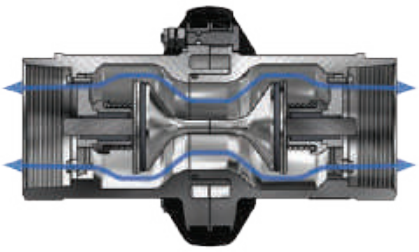
Price Group: SD

AS01

F

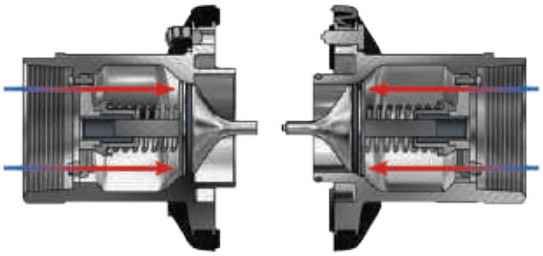
How it Works

Safety break-away couplings have three external break bolts. In the case of axial tension all of the bolts take up the force corresponding to the break force on the hose with a safety margin. Non-axial forces concentrate the tension forces more strongly on one bolt, so that the safety break-away coupling reacts in a natural way to the reduction of the hose break forces.



BEFORE Emergency Disconnect

The safety break-away valve consists of two halves, each with a valve that has an O-ring seal.



AFTER Emergency Disconnect

When the safety break-away couplings separate, it allows the valves to close. The two valves close rapidly, minimising exposure to personnel and the environment.

Optional Non-Closure Design

The non-closure design is an economical alternative which allows the coupling to break away due to pull-away/drive-away incidents thus protecting piping systems and equipment. This design allows spillage of product in these instances due to the lack of valving in the coupling. Useful in applications where non-hazardous product is being conveyed and where there are no environmental concerns. Available in both Industrial and Marine versions. Consult Dixon™ for more information.

Safety Break-Away Couplings - Breaking Bolt Series Marine Version

Application:	The breaking bolt marine version break-away coupling is designed to minimize spillage and damage associated with pull away incidents. Typical applications include: ship-to-offshore platform & ship-to-ship product transfer operations.
Design:	Designed to be installed within a hose string where the coupling will have a length of hose attached to both sides. Coupling automatically senses an excessive load, closes the valves and disconnects. Release is executed when force causes bolts to break. Female NPT or BSP is standard, optional ANSI / DIN flanges are available. 10" and 12" sizes also available, consult Dixon™ for more information.
Material:	316T1 stainless steel body with FKM O-rings
Working Pressure:	360 PSI @ 21°C



Size (inch)	Width (mm)	Length (mm)	Weight (kg)	Flow Rate / LPM
2	114	178	2.3	757
3	157	279	8.2	2460
4	210	305	15.4	3028
5	269	356	32.3	4164
6	305	406	45.8	5678
8	343	450	71.2	14000

F

Marine Version - Female x Female

Size (inch)	DN	Stainless Steel Part No.	Price $
NPT			
2	50	MSBC200SS	5223.22
3	80	MSBC300SS	9249.06
4	100	MSBC400SS	12643.56
5	125	MSBC500SS	26463.30
6	150	MSBC600SS	57000.00
BSP			
2	50	MSBC200SSA	5223.22
3	80	MSBC300SSA	9274.79
4	100	MSBC400SSA	14912.45
5	125	MSBC500SSA	26463.30
6	150	MSBC600SSA	55000.00



Price Group: SD

AS01

Marine Version - Male x Male

Size (inch)	DN	Stainless Steel Part No.	Price $
NPT			
2	50	MSBC200SSMNPT	5431.76
3	80	MSBC300SSMNPT	9658.72
4	100	MSBC400SSMNPT	15851.65
5	125	MSBC500SSMNPT	26463.30
6	150	MSBC600SSMNPT	52877.22
BSP			
2	50	MSBC200SSMBSP	5431.83
3	80	MSBC300SSMBSP	9658.74
4	100	MSBC400SSMBSP	15851.59
5	125	MSBC500SSMBSP	26463.30
6	150	MSBC600SSMBSP	52641.95



Price Group: SD

AS01

Marine Version - 150# Flange x 150# Flange



Size (inch)	DN	Stainless Steel	
		Part No.	Price $
2	50	MSBC200SSFL	7657.94
3	80	MSBC300SSFL	10957.15
4	100	MSBC400SSFL	11447.65
5	125	MSBC500SSFL	28993.19
6	150	MSBC600SSFL	49795.86
8	200	MSBC800SSFL	110000.00

Price Group: SD

AS01

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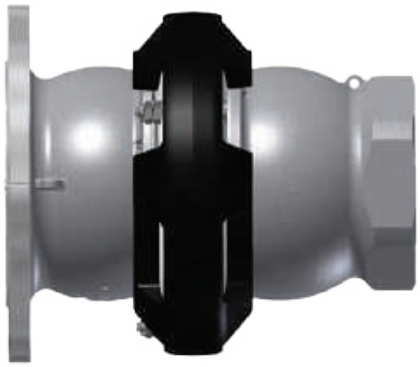
Industrial and Marine Safety Break-Away Couplings are also available in BSP thread, DN Flange, 300# ASA Flange, Grooved Ends or any combination thereof.



Flange / Thread
(BSP / NPT female / male or grooved)



NPT Female Thread / NPT Male Thread
(also available with BSP)



Grooved / Grooved



NPT Female Thread / Grooved

Safety Break-Away Couplings - Cable Release Series

Design:	The cable release series break-away couplings are designed to minimize spillage and damage associated with drive away and pull away incidents. Couplings feature a simple mechanism & no loose components to lose after release. In some applications the necessary force of the breaking bolts may be too high to prevent damage to loading arms or other pipe and equipment; under these conditions the use of cable release safety break-aways may be more suitable. Coupling automatically senses an excessive load, closes the valves and disconnects. Release is executed by pulling out the locking bolts with the help of a cable. When the coupling separates, the poppets close.
Material:	316T1 stainless steel body with FKM O-rings
Working Pressure:	360 PSI



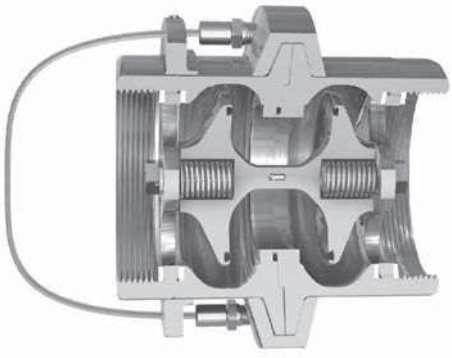
Industrial Version							
Size (inch)	**DN**	**Part No.**	**Width (mm)**	**Length (mm)**	**Weight (kg)**	**Flow Rate / LPM**	**Price $**
1½	40	SBC150SS-CR	98	142	3.1	378	20719.40
2	50	SBC200SS-CR	110	144	4.1	500	18730.62
3	80	SBC300SS-CR	145	195	8.5	1000	36184.30
4	100	SBC400SS-CR	185	226	16.1	1500	52324.21

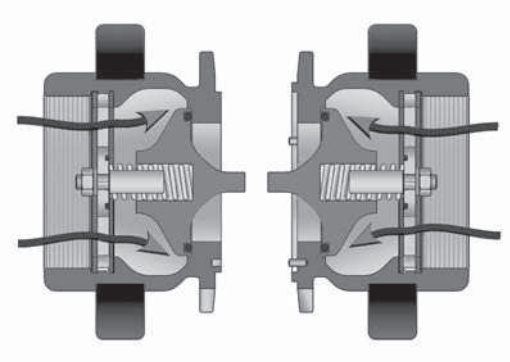
Price Group: SD

AS01

F

How it Works





The safety break-away valve consists of two halves, each with a valve that has a flat type-sealing surface similar to a dry disconnect coupling.

When the safety break-away couplings separate, it allows the poppets to close. The two poppets close rapidly, minimizing exposure to personnel and the environment.

Optional Non-Closure Design

The non-closure design is an economical alternative which allows the coupling to break away due to pull-away / drive-away incidents thus protecting piping systems and equipment. This design also allows spillage of product in these instances due to the lack of valving in the coupling. Useful in applications where non-hazardous product is being conveyed and where there are no environmental concerns. Available in both Industrial and Marine versions.
Consult Dixon™ for more information.

When your product is:

- Expensive
- Expensive to clean up
- Expensive to reprocess or dispose
- Hazardous to workers or the environment
- Prone to accidental spillage and product loss



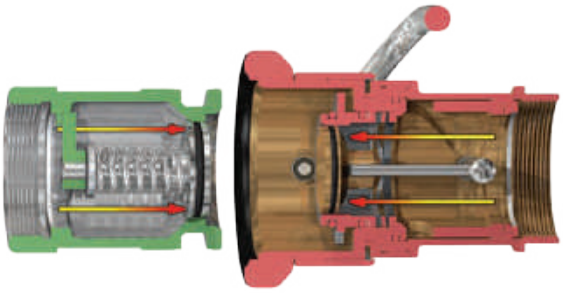
Dry disconnect couplings are designed for quick and spill free connection and disconnection of hoses and pipelines. They are used by producers of ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum, chemicals, agricultural and a wide variety of common caustic and specialty acids.

Applications:	• used by producers of ink, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum, chemicals, agricultural and a wide variety of common caustic and specialty acids • designed for the quick and spill free connection and disconnection of hoses and pipelines
Features:	• easy to handle - push and turn - free flow, turn and pull - closed • time saving - no need to drain hoses or pipe systems • economical - no loss or spillage of liquids at connection or disconnection • safety - the valve cannot be opened until the unit is coupled • environmental friendly - accidental spillage eliminated when proper used • safe and reliable - due to rugged construction • product life - uncomplicated design and high quality materials ensures long product life • selectivity - To avoid product contamination, selective versions of the couplers and adaptors are available. Contact Dixon™ for further information. • produced according to NATO standard STANAG 3756 and ATOFINA SGM 2049. TUY.C. • working pressure (at ambient temperature (21°C or 70°F): aluminum: 230 PSI, up to 4" brass/ gunmetal[1]: 230 PSI, up to 4" stainless steel: 360 PSI • standard seal supplied: FKM • optional seals: EPDM NBR - nitrile Kalrez® Chemraz® • seal kits are available • interchanges with Avery Hardoll and Todo-matic®

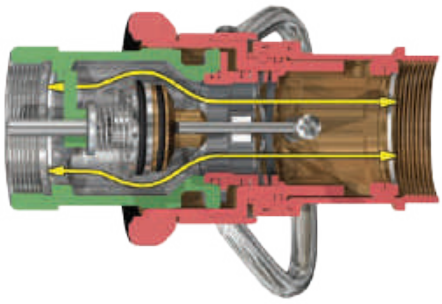
F

How it Works

The principle of operation is identical for all sizes of couplings.



Closed:
- Turn and pull it's released - *no spillage*



Open:
- Push and turn it's coupled - *full flow*

Dry Quick Disconnect Coupler - Hose Unit

Design:	Coupler has built-in swivel. Riveted piston pin to minimize the risk for failure under extreme pressure conditions.
Material:	Stainless steel ball bearings. Shaft journal in stainless steel embedded in PTFE to eliminate seizure. Protecting ring is weather resistant rubber. Electrically conductive. All wetted parts are stainless steel. Rollers for the stainless steel units are Hastelloy C276 on the stainless steel shaft. Rollers for the aluminium and brass units are aluminium-bronze on the stainless steel shaft. Composite (Polyeten PE-HD 300) plugs provide very good protection against corrosion, and withstand hot and cold environments.



6" Design



3" & 4" Design



1½" & 2" Design



¾" & 1" Design

Female NPT with FKM Seals					
Female (inch)	**Body Size (mm)**	**316 Stainless Steel**		**Anodised Aluminium**	
		Part No.	**Price $**	**Part No.**	**Price $**
NPT					
¾	56	DDC075SS	2893.88	DDC075AL	2150.48
1	56	DDC100SS	2871.47	DDC100AL	1497.43
1½	70	DDC150SS	4835.02	DDC150AL	2020.35
2	70	DDC200SS	4383.58	DDC200AL	2082.77
3	105	DDC300SS105	7757.02	DDC300AL105	2534.69
3	119	DDC300SS	5966.14	DDC300AL	2260.84
4	164	DDC400SS	10150.79	DDC400AL	4929.62
6	238	DDC600SS	33209.03	DDC600AL	18041.97
BSP					
¾	56	DDC075SSA	2893.88	DDC075ALA	2150.48
1	56	DDC100SSA	2364.90	DDC100ALA	1497.43
1½	70	DDC150SSA	4835.02	DDC150ALA	2016.58
2	70	DDC200SSA	4835.02	DDC200ALA	2494.93
3	105	DDC300SSA105	7555.48	DDC300ALA105	2462.37
3	119	DDC300SSA	4790.59	DDC300ALA	2266.26
4	164	DDC400SSA	9622.70	DDC400ALA	4940.46
6	238	DDC600SSA	33020.46	DDC600ALA	18041.97

Price Group: SD

AS01

Female NPT with FKM Seals			
Female (inch)	**Body Size (mm)**	**Part No.**	**Price $**
Brass / Gunmetal - NPT			
¾	56	DDC075BR	2104.22
1	56	DDC100BR	3016.05
1½	70	DDC150BR	2453.79
2	70	DDC200BR	2453.79
3	105	DDC300GM105	3971.72
3	119	DDC300GM	3647.89
4	164	DDC400GM	6690.46

Price Group: SD

AS01

Dust Plugs for Couplers

Polyeten PE-HD 300			
Size (inch)	**Body Size (mm)**	**Part No.**	**Price $**
¾ & 1	56	DDDP075	179.42
1½ & 2	70	DDDP150	183.69
3	105	DDDP300105	150.24
3	119	DDDP300	169.71
4	164	DDDP400	339.02
6	238	DDDP600 *	889.90



* 6" dust plug is aluminium.

Price Group: SD

AS01

Dry Quick Disconnect Adaptor - Tank Unit

Application:	The adaptor is usually typically on the tank or manifold. Available in male and female BSP, NPT or 150# ASA flange (ANSI).
Design:	Conical valve seat to eliminate the risk for "piston blow out". PTFE bearing between the piston shaft and the piston guide to eliminate the risk for seizure.
Material:	Aluminium adaptor - aluminium poppet, stainless steel internal parts Stainless steel adaptor - stainless steel poppet, stainless steel internal parts Brass / gunmetal adaptor - brass poppet, brass and stainless steel internal parts Composite (Polyeten PE-HD 300) caps provide very good protection against corro-sion and withstand hot and cold environments



Female NPT x Adaptor



150# Flange x Adaptor



TTMA Flange x Adaptor

Adaptors x Female NPT with FKM Seals

Female (inch)	Body Size (mm)	316 Stainless Steel		Anodised Aluminium		Brass / Gunmetal	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
NPT							
¾	56	DDA075SS	1504.45	DDA075AL	1077.85	DDA075BR	853.50
1	56	DDA100SS	1461.62	DDA100AL	754.27	DDA100BR	1099.81
1½	70	DDA150SS	1585.96	DDA150AL	660.08	DDA150BR	698.14
2	70	DDA200SS	1585.96	DDA200AL	660.08	DDA200BR	698.14
3	105	DDA300SS105	2191.58	DDA300AL105	2240.64	DDA300GM105	1070.75
3	119	DDA300SS	2077.13	DDA300AL	769.83	DDA300GM	1061.70
4	164	DDA400SS	3463.09	DDA400AL	1522.56	DDA400GM	2485.79
6	238	DDA600SS	14220.10	DDA600AL	7485.12	-	-
BSP							
¾	56	DDA075SSA	1504.45	DDA075ALA	1077.85	-	-
1	56	DDA100SSA	943.63	DDA100ALA	754.27	-	-
1½	70	DDA150SSA	1585.96	DDA150ALA	660.08	-	-
2	70	DDA200SSA	1530.33	DDA200ALA	798.24	-	-
3	105	DDA300SSA105	2176.20	DDA300ALA105	2191.15	-	-
3	119	DDA300SSA	1752.38	DDA300ALA	841.59	-	-
4	164	DDA400SSA	3691.82	DDA400ALA	1527.61	-	-
6	238	DDA600SSA	14220.10	DDA600ALA	7485.12	-	-

Adaptors x 150# ASA (ANSI) Flange with FKM Seals

150# Flange (inch)	Body Size (mm)	316 Stainless Steel		Anodised Aluminium		Brass / Gunmetal	
		Part No.	Price $	Part No.	Price $	Part No.	Price $
¾	56	DDA075SSFL	2737.82	DDA075ALFL	1921.27	DDA075BRFL	2184.04
1	56	DDA100SSFL	2796.12	DDA100ALFL	1921.27	DDA100BRFL	2184.04
1½	70	DDA150SSFL	1903.64	DDA150ALFL	1741.13	DDA150BRFL	1358.60
2	70	DDA200SSFL	1903.64	DDA200ALFL	967.36	DDA200BRFL	1342.12
3	105	DDA300SS105FL	2633.66	DDA300AL105FL	2244.93	DDA300GM105FL	2244.93
3	119	DDA300SSFL	2613.14	DDA300ALFL	1321.67	DDA300GMFL	1632.73
4	164	DDA400SSFL	4512.53	DDA400ALFL	1825.45	DDA400GMFL	3060.48
6	238	DDA600SSFL	21782.27	DDA600ALFL	7953.58	-	

Adaptors x TTMA Flange with FKM Seals

TTMA Flange (inch)	Body Size (mm)	Anodised Aluminium	
		Part No.	Price $
3	105	DDA300AL105TTMA	1614.29
3	119	DDA300AL119TTMA	1804.42
4	164	DDA400AL164TTMA	2613.77

Price Group: SD

AS01

Dust Caps for Adaptors



Composite Dust Cap

Size (inch)	Body Size (mm)	Polyeten PE-HD 300	
		Part No.	Price $
¾ & 1	56	DDDC075	453.55
1½ & 2	70	DDDC150	246.68
3	105	DDDC300105	306.52
3	119	DDDC300	324.05
4	164	DDDC400	497.76
6	238	DDDC600 *	2362.11

* 6" dust plug is aluminium.

Price Group: SD

AS01

Dry Aviation - Hose Unit Coupler

Application:	Dry Aviation Couplings are designed for use in aviation and military refueling systems.
Design:	Not configured for under wing refuelling. Riveted piston pin minimizes the risk of failure under extreme pressure conditions
Materials:	• Coupling ring: gunmetal • Bayonet flange and inner parts: stainless steel and aluminium • Stainless steel ball bearings • Gunmetal coupling ring minimizes the risk of seizure • Stainless steel shaft journal embedded in PTFE to eliminate seizure • PTFE bearings between the driving plate and the piston guide eliminates the risk of seizure • Plugs in composite (Polyeten PE-HD 300), provide very good protection against corrosion, and withstand both hot and cold environments. • The protective ring is a specially formulated, weather resistant and electrically conductive rubber compound.
Approvals:	Manufactured to accept international standard 2½" point bayonet, hose end refuelling nozzles according to: ISO45 / MS24484 / STANAG3105 / British Aerospace Spec. 2C14.
Working Pressure:	150 PSI



Female Thread x Coupler

F

Couplers x Female NPT with FKM Seals				
Female NPT (inch)	**Body Size**	**Material**	**Part No.**	**Price $**
2½	ISO 45	Aluminium	DAC250AL	3678.02
3	ISO 45	Aluminium	DAC300AL	3706.98

Couplers x Female BSP with FKM Seals				
Female BSP (inch)	**Body Size**	**Material**	**Part No.**	**Price $**
2½	ISO 45	Aluminium	DAC250ALBSP	3632.49
3	ISO 45	Aluminium	DAC300ALBSP	3632.49

Price Group: SD
AS01

Dry Aviation - Sight Flow Indicator with Filter / Screen

Design:	Filter / screen can be inspected through the sight glass and is easily removed if cleaning is required.
Material:	Screen - 100 mesh



Female Thread	**Male Thread**	**Material**	**Part No.**	**Price $**
2½ NPT	2½ BSP	Aluminium	ASFI25T25B	2580.42
3 NPT	3 BSP	Aluminium	ASFI30T30B	2580.42
2½ NPT	2½ NPT	Aluminium	ASFI25T25T	2580.42
3 NPT	3 NPT	Aluminium	ASFI30T30T	2580.42

Price Group: SD
AS01

Dry Aviation Dust Plug for Couplers



Size (inch)	**Body Size (mm)**	**Polyeten PE-HD 300**	
		Part No.	**Price $**
2½ and 3	ISO 45	DADP250	353.77

Price Group: SD
AS01

Dry Aviation - Tank Unit Adaptor





Application:	Dry Aviation Couplings are designed for use in aviation and military refuelling systems.
Design:	Not configured for under wing refuelling.
Materials:	• Body: high strength aluminium • Coupling ring: gunmetal • Bayonet flange and inner parts: stainless steel and aluminium • All wetted parts are in aluminium and stainless steel • Gunmetal coupling ring minimizes the risk of seizure • PTFE bearings between the piston shaft & the piston guide eliminate the risk of seizure • Conical valve seat eliminates the risk of piston blow out when extreme pressure is used. • Composite (Polyeten PE-HD 300) cap provides good protection against corrosion and withstand both hot and cold environments.
Approvals:	Manufactured to accept international standard 2½" point bayonet, hose end refuelling nozzles according to: ISO45 / MS24484 / STANAG3105 / British Aerospace Spec. 2C14.
Working Pressure:	150 PSI

Couplers x Female NPT with FKM Seals

Female NPT (inch)	Body Size (mm)	Material	Part No.	Price $
2½	ISO 45	Aluminium	DAA250AL	1693.70
3	ISO 45	Aluminium	DAA300AL	1708.33

Adaptors x 150# ASA (ANSI) Flange with FKM Seals

150# Flange (inch)	Body Size (mm)	Material	Part No.	Price $
2½	ISO 45	Aluminium	DAA250ALFL	1982.28
3	ISO 45	Aluminium	DAA300ALFL	2461.36

Also available with 4" TTMA Flange

Price Group: SD

AS01

Dry Aviation Dust Cap for Adaptors



Size (inch)	Body Size (mm)	Polyeten PE-HD 300	
		Part No.	Price $
2½ and 3	ISO 45	DADC250	339.00

Price Group: SD

AS01

Dry Disconnect Fittings for Steam Service

Application:	Designed to fit hoses carrying steam used in chemical (heating), pharmaceutical (disinfection and sterilisation) and at loading bays
Material:	Coupling housing and all inner parts are stainless steel. Seals are EPDM (standard), contact Dixon™ for other materials.
Features:	Unintentional separation is eliminated preventing accidents and avoiding unintended down time. Performance unaffected by surface rust. Lockable versions are available, contact Dixon™ for more information.



Coupler



Adaptor

Part No.	Female NPT Size (inch)	Body Size (mm)	Price $
Stainless Steel Coupler			
DDSC075SS	¾	56	3774.63
DDSC100SS	1	56	3774.63
DDSC150SS	1½	70	5214.80
DDSC200SS	2	70	5214.80
Stainless Steel Adaptor			
DDSA075SS	¾	56	1082.19
DDSA100SS	1	56	1082.19
DDSA150SS	1½	70	1807.80
DDSA200SS	2	70	1807.80

Price Group: SD

AS01

Dry Gas Couplings

Application:	Dry Gas Couplings are designed for safe loading and discharge of bobtails or intermediate bulk delivery trucks. They are quick and easy to connect and can be connected to a tank unit with pressures up to 225 PSI. If the pressure is higher you can equip the couplings with a pressure relief valve. The easy to connect pressure relief valve dissipates trapped fluid pressure into the hose coupler without spillage. The primary application of dry gas couplings is in the handling of LPG - Propane and Butane.
Design:	• Safe handling of LPG • Easy to use and saves time • Reliable and easy to maintain • Can be coupled against higher pressure • Minimizes the risk of cold burns • Minimizes spillage and product loss • Minimizes health risks • Keeps the environment free of hazardous vapours and liquids • Compatible with existing dry disconnect couplings
Materials:	• Stainless steel and brass / gunmetal • NBR90 seals • Female NPT and ASA (ANSI) flanges • Caps and plugs in composite (Polyeten PE-HD 300), provide a very good protection against corrosion, and withstand both hot and cold environments.
Working Pressure:	360 PSI

F



Couplers x Female NPT with NBR90 Seals (Hose Unit)

Female NPT (inch)	Body Size (mm)	Material	Part No.	Price $
1	56	Stainless Steel	DGC100SS	3642.67
2	71	Stainless Steel	DGC200SS	5485.87
3	119	Stainless Steel	DGC300SS	7669.13



Composite Dust Plug for Couplers

Size (inch)	Body Size (mm)	Material	Part No.	Price $
1	56	Polyeten PE-HD 300	DGDP100	142.51
3	119	Polyeten PE-HD 300	DGDP300	156.31



Adaptors x Female NPT with NBR90 Seals (Tank Unit)

Female NPT (inch)	Body Size (mm)	Material	Part No.	Price $
1	56	Stainless Steel	DGA100SS	1307.14
2	71	Stainless Steel	DGA200SS	1700.94
3	119	Stainless Steel	DGA300SS	1867.29



Adaptors x Female ACME Thread with FKM Seals

Female ACME (inch)	Body Size (mm)	Material	Part No.	Price $
1¾	56	Stainless Steel	DGA100SS175	1508.63
3¼	71	Stainless Steel	DGA200SS325	1998.87



Adaptors x 150# ASA (ANSI) Flange with NBR90 Seals (Tank Unit)

150# Flange (inch)	Body Size (mm)	Material	Part No.	Price $
1	56	Stainless Steel	DGA100SSFL	2248.16
2	71	Stainless Steel	DGA200SSFL	2280.78
3	119	Stainless Steel	DGA300SSFL	2626.73



Rubber Dust Cap for Adaptors

Size (inch)	Body Size (mm)	Material	Part No.	Price $
1	56	Rubber	DGDC100	246.37
2	71	Rubber	DGDC200	262.70
3	119	Rubber	DGDC300	305.99

Price Group: SD

AS01

F

Dry Break Cam & Groove Dry Disconnect Couplings - Couplers [1]

Application:	Fully interchangeable with Kamvalok (OPW trademark) style fittings
Design:	Dixon™ EZ Boss-Lock™ cam arms standard on all 1½" and 2" fittings provide high security from accidental opening due to vibration or snagging. Large paddle type locking cam arms standard on 3" fittings, allow for an easy grip. Dry disconnect coupler has automatic closing poppet assembly. Strong handle attachment prevents bending of crank assembly
Materials:	• Heavy duty stainless steel crank and link • Stainless steel investment cast handles • Aluminium fittings have stainless steel [3] internals



1½" & 2" Coupler x Female NPT



3" Coupler x Female NPT

Female NPT (inch)	Coupler Size (inch)	Seal Material	Part No.	Price $
Aluminium				
1½	2	Buna	DBC61-150	1285.69
2	2½	Buna	DBC61-200	1276.68
3	4	Buna	DBC61-300	2322.56
1½	2	FKM	DBC62-150	886.97
2	2½	FKM	DBC62-200	1231.12
3	4	FKM	DBC62-300	2129.58
1½	2	PTFE Encapsulated Silicone and FFPM	DBC63-150	3265.92
2	2½	PTFE Encapsulated Silicone and FFPM	DBC63-200	3816.89
3	4	PTFE Encapsulated Silicone and FFPM	DBC63-300	5188.92
1½	2	EPT	DBC64-150	1955.47
2	2½	EPT	DBC64-200	2193.26
3	4	EPT	DBC64-300	3096.81
2	2½	FFPM and PTFE [2]	DBC66-200	9240.19
3	4	FKM·B	DBC69-300	3231.59
Stainless Steel [3]				
1½	2	Buna	DBC71-150	2838.22
2	2½	Buna	DBC71-200	3189.23
3	4	Buna	DBC71-300	5925.55
1½	2	FKM	DBC72-150	2359.73
2	2½	FKM	DBC72-200	2982.51
3	4	FKM	DBC72-300	6697.68
1½	2	PTFE Encapsulated Silicone and FFPM	DBC73-150	4442.68
2	2½	PTFE Encapsulated Silicone and FFPM	DBC73-200	3075.31
3	4	PTFE Encapsulated Silicone and FFPM	DBC73-300	8933.52
1½	2	EPT	DBC74-150	2999.78
2	2½	EPT	DBC74-200	3181.26
3	4	EPT	DBC74-300	6424.58
1½	2	FFPM and PTFE [2]	DBC76-150	10175.94
2	2½	FFPM and PTFE [2]	DBC76-200	11236.92
3	4	FFPM and PTFE [2]	DBC76-300	20393.59
1½	2	PTFE Encapsulated FKM and FFPM	DBC77-150	4534.19
2	2½	PTFE Encapsulated FKM and FFPM	DBC77-200	4305.90
3	4	PTFE Encapsulated FKM and FFPM	DBC77-300	8104.93
3	4	FKM·B	DBC79-300	7070.07

[1] A DBA style adaptor is required for coupler to operate. Adaptor sold separately.
[2] FFPM gasket, main seal O-ring and handle O-ring. PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw.
[3] Stainless steel corrosion resistance is equivalent to 304 stainless steel.



NOTE: Must be used with a DBA style adaptor for coupler to operate.
Adaptor sold separately..

Greaseless Coupler x Female NPT (Stainless Steel)

Female NPT (inch)	Coupler Size (inch)	Seal Material	Part No.	Price $
1½	2	PTFE Encapsulated FKM and FFPM	DBC77-150-GL	4871.60
2	2½	PTFE Encapsulated FKM and FFPM	DBC77-200-GL	5112.44

Coupler x 90° Swivel Female NPT (Aluminium)

Female NPT (inch)	Coupler Size (inch)	Seal Material	Part No.	Price $
2	2½	Buna	DBS61-200	1439.35
2	2½	FKM	DBS62-200	1669.37
2	2½	PTFE Encapsulated Silicone and FFPM	DBS63-200	3568.74

Price Group: SD
AS02

Dust Plugs for Couplers



Size (inch)	Aluminum Part No.	Price $	Stainless Steel Part No.	Price $
2	ALDC200DP	10.65	SS200DP	42.88
2½	ALDC250DP	14.85	SS250DP	89.74
4	ALDC400DP	28.19	SS400DP	115.27

Price Group: CG
AL12, AS05

Locking Kit for Couplers



Description	Material	Part No.	Price $
For use with 1½" & 2" dry disconnect couplers	Aluminium	DBCL-200	290.56
For use with 3" dry disconnect couplers	Aluminium	DBCL-300	288.12

Price Group: SD
AS02

Dry Break Cam & Groove Dry Disconnect Couplings - Adaptors

Application:	Compatible with most cam and groove style dry disconnects. Fully interchangeable with Kamvalok (OPW trademark) style fittings
Design:	The Bayco™ dry disconnect helps prevent spillage from normal or accidental disconnects. It has a spring loaded sealing device designed to "snap" closed should the valve become disconnected with the poppet open, significantly limiting liquid loss. Two-piece adaptor design for easy rebuilding of adaptors
Material:	Aluminium fittings have aluminium nose piece and brass piston

Adaptor x Female NPT

Female NPT (inch)	Adaptor Size (inch)	Seal Material	Part No.	Price $
Aluminium				
1½	2	Buna	DBA11-150	330.99
2	2½	Buna	DBA11-200	368.18
3	4	Buna	DBA11-300	1107.92
1½	2	FKM	DBA12-150	246.55
2	2½	FKM	DBA12-200	301.83
3	4	FKM	DBA12-300	731.60
1½	2	PTFE Encapsulated Silicone	DBA63-150	444.43
2	2½	PTFE Encapsulated Silicone	DBA63-200	515.20
3	4	PTFE Encapsulated Silicone	DBA63-300	688.58
1½	2	EPT	DBA64-150	408.36
2	2½	EPT	DBA64-200	475.23
3	4	EPT	DBA64-300	833.01
1½	2	FFPM	DBA66-150	1378.99
2	2½	FFPM	DBA66-200	1719.37
3	4	FFPM	DBA66-300	2634.19
3	4	PTFE Encapsulated FKM	DBA69-300	973.83
Stainless Steel *				
1½	2	Buna	DBA71-150	805.39
2	2½	Buna	DBA71-200	909.12
3	4	Buna	DBA71-300	2070.21
1½	2	FKM	DBA72-150	782.60
2	2½	FKM	DBA72-200	813.98
3	4	FKM	DBA72-300	2010.98
1½	2	PTFE Encapsulated Silicone	DBA73-150	803.60
2	2½	PTFE Encapsulated Silicone	DBA73-200	875.93
3	4	PTFE Encapsulated Silicone	DBA73-300	2298.67
1½	2	EPT	DBA74-150	845.40
2	2½	EPT	DBA74-200	871.59
3	4	EPT	DBA74-300	2153.89
1½	2	FFPM	DBA76-150	1869.77
2	2½	FFPM	DBA76-200	2037.92
3	4	FFPM	DBA76-300	4135.49
1½	2	PTFE Encapsulated FKM	DBA77-150	899.97
2	2½	PTFE Encapsulated FKM	DBA77-200	1091.80
3	4	PTFE Encapsulated FKM	DBA77-300	2059.84





* Stainless steel corrosion resistance is equivalent to 304 stainless steel

* Contact Dixon™ for compatibility, size, and material selection.

Special configurations can be designed for your application.

Adaptor x 150# ASA Flange (Stainless Steel)

Flange Size (inch)	Adaptor Size (inch)	Seal Material	Part No.	Price $
2	2	FKM	DBAF72-1520	966.20
2	2½	FKM	DBAF72-200	1113.94
3	4	FKM	DBAF72-300	2438.83
2	2	PTFE Encapsulated Silicone	DBAF73-1520	908.50
2	2½	PTFE Encapsulated Silicone	DBAF73-200	1122.86
3	4	PTFE Encapsulated Silicone	DBAF73-300	2423.94
2	2	EPT	DBAF74-1520	887.90
2	2½	EPT	DBAF74-200	1099.86
3	4	EPT	DBAF74-300	2398.44
2	2	FFPM	DBAF76-1520	1698.10
2	2½	FFPM	DBAF76-200	2238.37
3	4	FFPM	DBAF76-300	5125.23



Vapour Adaptor x Female Thread (Stainless Steel)

Adaptor Size (inch)	Female Thread Size (inch)	Seal Material	Max PSI	Part No.	Price $
3	2	PTFE	150	DBAV73-2030	1016.41



Price Group: SD AS02

Dust Caps for Adaptors

Size (inch)	Aluminum Part No.	Price $	Stainless Steel Part No.	Price $
2	ALDC200DC	17.56	SS200DC	72.42
2½	ALDC250DC	33.05	SS250DC	102.38
4	ALDC400DC	43.27	SS400DC	176.05



Price Group: SD AS02

Bayonet Style

Application:	For the spill-less transfer of petroleum products such as fuel oil, lube oil blending and tank truck delivery
Features:	Ensures a spill free connection, fluid cannot flow until couplings are connected together and valve is opened; coupling can then not be disconnected until the valve handle is closed. Swivels have a standard ZERK fittings. Maximum operating pressure: 85 PSI @ 21°C, for pressure ratings at other temperatures contact Dixon™. Replacement parts available, contact Dixon™ for more information.



90° Swivel Coupler x Female NPT

Size (inch)	Seal Material	Material	Part No.	Price $
2	Buna	Anodized Hard Coat Aluminum	BS61-200	106.20
2	FKM	Anodized Hard Coat Aluminum	BS62-200	1798.20
3	Buna	Anodized Hard Coat Aluminum	BS61-300	1059.70
3	FKM	Anodized Hard Coat Aluminum	BS62-300	1113.20

Price Group: SD



Straight Coupler x Female NPT

Size (inch)	Seal Material	Material	Part No.	Price $
2	Buna	Anodized Hard Coat Aluminum	BC61-200	81.70
2	FKM	Anodized Hard Coat Aluminum	BC62-200	812.20

Price Group: SD



Straight Swivel Coupler x Female NPT

Size (inch)	Seal Material	Material	Part No.	Price $
2	Buna	Anodized Hard Coat Aluminum	BSS61-200	1911.60
2	FKM	Anodized Hard Coat Aluminum	BSS62-200	1739.40
3	Buna	Anodized Hard Coat Aluminum	BSS61-300	1051.70
3	FKM	Anodized Hard Coat Aluminum	BSS62-300	1105.10

Price Group: SD



Dust Plugs

Size (inch)	Material	Part No.	Price $
2	Rubber with Stainless Steel Chain	BCP-200	842.90
3	Rubber with Stainless Steel Chain	BCP-300	84.80

Price Group: SD



Adapter x Female NPT

Size (inch)	Seal Material	Stainless Steel Part No.	Price $	Brass Part No.	Price $	Aluminum Part No.	Price $
2	Buna	BA31-200	8.60	---	---	---	---
2	FKM	BA32-200	724.20	---	---	---	---
3	Buna	---	---	BA31-300	318.30	BA61-300	727.20
3	FKM	---	---	BA32-300	325.00	BA62-300	516.70

Price Group: SD



Dust Caps

Size (inch)	Material	Part No.	Price $
2	Rubber with Stainless Steel Chain	BAC-200	528.20
3	Rubber with Stainless Steel Chain	BAC-300	79.80

Price Group: SD



G

Quick Disconnect Couplings - - - - - - - - - - - - - 246-265
J-Series Truflate Interchange - - - - - - - - - 246-248
N-Series Dix-Lock™ - - - - - - - - - - - - - - - - 249-254
P-Series Dual Lock - - - - - - - - - - - - - - - - - 255-257
NK-Series Nitto Interchange - - - - - - - - - - 258-259
DF-Series Industrial Interchange - - - - - - - 260-265
D-Series - 261-264
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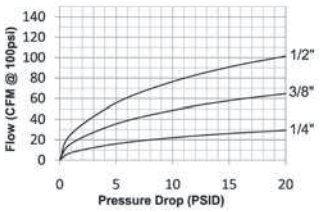
H-Series Interchange - - - - - - - - - - - - - - - - 266-270
H-BOP Series - 271
HS-Series - 272-273
H-Series - 274-275
K-Series - 276-279
W-Series Wingstyle Interchange - - - - - - - - 280-283
WS-Series High Pressure Wingstyle - - - - 284-289
High Pressure Wingstyle Code 62 - - - - - - - - - 288
VEP-Series Interchange - - - - - - - - - - - - - 290-292
VEP-BOP Series - - - - - - - - - - - - - - - - - - 293-294
HT-Series Flushface Interchange - - - - - - - 295-301
HTE-Series - 302-304
HTZ-Series - 304
ST-Series Snap-Tite 71 Interchange - - - - - 305-308
AG-Series Agricultural Interchange - - - - - 309-311
T-Series Pressure Screw Together - - - - - 312-313
TR-Series TEMA Interchange - - - - - - - - - - 314-316
E-Series Straight Through - - - - - - - - - - - - 317-321
V-Series Snap-Tite H/H Interchange - - - - - 322-332
CVV-Series European Screw Together - - - 333-334
PD-Series ISO5171-1 Diagnostic - - - - - - - 335-336



J-Series Truflate Interchange

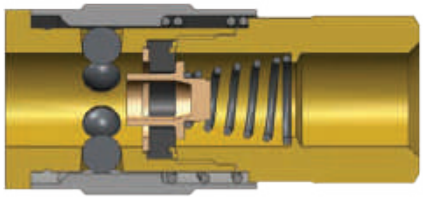


Materials:	• Machined components are manufactured using solid steel or brass bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • ¼" couplers constructed of brass with steel sleeve and steel tubular valve as standard. • ⅜" and ½" couplers constructed of steel as standard with steel tubular valves.
Seal Components:	Nitrile (Buna-N) seals are standard, temperature range -40°C to 121°C.
Interchange Data:	• Truflate automotive interchange style • Parker 10-Series • Rectus 55KM • Tomco A2100/PT400 • Ryco 200

Body Size (inch)	Brass Coupler / Steel Plug				Brass Coupler / Plug				Steel Coupler / Plug				303 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar
¼	500	35	11500	793	300	20	10500	724	-	-	-	-	-	-	-	-
⅜	-	-	-	-	-	-	-	-	500	35	18000	1241	-	-	-	-
½	-	-	-	-	-	-	-	-	500	35	10000	690	-	-	-	-

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI
¼	-	-	-	-	6	N/A	N/A	N/R	26 CFM
⅜	-	-	-	-	6	N/A	N/A	N/R	58 CFM
½	-	-	-	-	6	N/A	N/A	N/R	91 CFM

J-Series Truflate Interchange Coupler



Female Thread



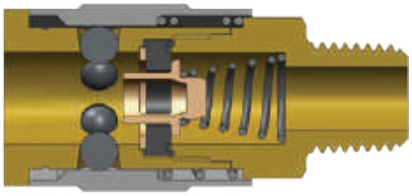
Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	2JF1-B	⅛ - 27 NPTF	Brass	1.83	46.5	0.88	22.4	¾	0.09	10	100	21.18
¼	2JF2-B	¼ - 18 NPTF	Brass	2.04	51.8	0.88	22.4	¾	0.09	10	100	20.80
¼	2JF3-B	⅜ - 18 NPTF	Brass	2.14	54.4	0.88	22.4	13/16	0.09	10	100	19.49
⅜	3JF3	⅜ - 18 NPTF	Steel	2.48	63.0	1.06	26.9	⅞	0.13	10	50	26.36
⅜	3JF4	½ - 14 NPTF	Steel	2.61	66.3	1.06	26.9	1	0.21	10	50	27.72
½	4FF3	⅜ - 18 NPTF	Steel	2.85	72.5	1.24	31.4	1	0.21	5	30	37.59
½	4FF4	½ - 14 NPTF	Steel	3.06	77.8	1.24	31.4	1	0.25	5	30	34.93
½	4FF6	¾ - 14 NPTF	Steel	3.15	79.9	1.24	31.4	1 3/16	0.28	5	30	41.12

Price Group: PC

AN11

Operating pressure for couplings utilising hose barb end connections may be dramatically reduced to that of the hose rating and/or hose end connection combination. Consult hose manufacturer's catalogue for hose end connection ratings. If in doubt, test under controlled conditions for suitability to application. Dixon™ cannot assume liability for misapplication of production resulting in equipment down-time, lost production, and/or personal injury including death.

J-Series Truflate Interchange Coupler



Male Thread

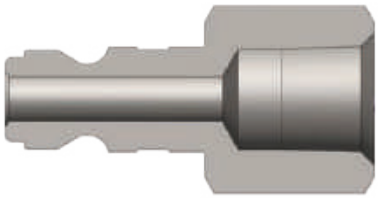


Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	2JM1-B	⅛ - 27 NPTF	Brass	1.88	47.8	0.88	22.4	¾	0.08	10	100	38.45
¼	2JM2-B	¼ - 18 NPTF	Brass	2.04	52.0	0.88	22.4	¾	0.08	10	100	16.12
¼	2JM3-B	⅜ - 18 NPTF	Brass	2.08	52.8	0.88	22.4	¾	0.08	10	100	16.60
⅜	3JM2	¼ - 18 NPTF	Steel	2.45	62.2	1.06	26.9	⅞	0.12	10	50	24.41
⅜	3JM3	⅜ - 18 NPTF	Steel	2.46	62.5	1.06	26.9	⅞	0.12	10	50	37.79
⅜	3JM4	½ - 14 NPTF	Steel	2.55	64.8	1.06	26.9	⅞	0.13	10	50	25.53
½	4FM3	⅜ - 18 NPTF	Steel	2.97	75.4	1.19	30.2	1	0.19	5	30	32.64
½	4FM4	½ - 14 NPTF	Steel	3.07	78.0	1.19	30.2	1	0.20	5	30	50.90
½	4FM6	¾ - 14 NPTF	Steel	3.12	79.2	1.19	30.2	1 1/16	0.22	5	30	42.64

Price Group: PC

AN11

J-Series Truflate Interchange Nipple



Female Thread



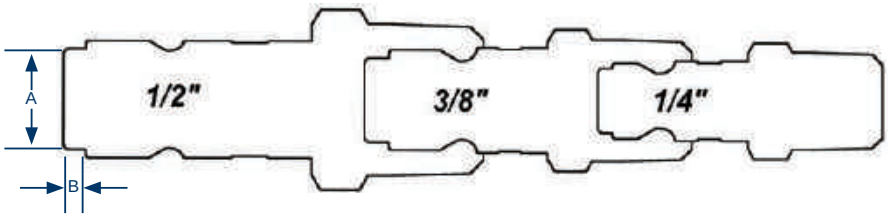
Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	J2F1	⅛ - 27 NPTF	Steel	1.34	34.0	0.65	16.5	9/16	0.02	10	100	3.74
¼	J2F2	¼ - 18 NPTF	Steel	1.56	39.6	0.79	20.1	11/16	0.02	10	100	4.62
¼	J2F2-B	¼ - 18 NPTF	Brass	1.56	39.6	0.79	20.1	11/16	0.02	10	100	8.09
¼	J2F3	⅜ - 18 NPTF	Steel	1.56	39.6	1.01	25.7	⅞	0.03	10	100	19.39
⅜	J3F3	⅜ - 18 NPTF	Steel	1.75	44.5	1.01	25.7	⅞	0.04	10	50	7.32
⅜	J3F4	½ - 14 NPTF	Steel	1.91	48.5	1.16	29.5	1	0.05	10	50	20.12
½	J4F3	⅜ - 18 NPTF	Steel	2.11	53.6	1.01	25.7	⅞	0.06	10	50	22.96
½	J4F4	½ - 14 NPTF	Steel	2.26	57.4	1.16	29.5	1	0.08	10	50	12.43
½	J4F6	¾ - 14 NPTF	Steel	2.31	58.7	1.37	34.8	1 3/16	0.12	10	50	50.55

Price Group: PC

AN11

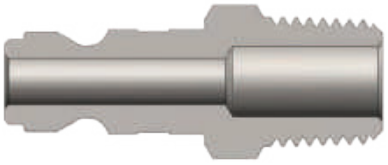
J-Series Profiles

Body Size (inch)	*A (mm)*	*B (mm)*
1/4	9.53	1.59
3/8	11.11	3.18
1/2	14.29	3.18



FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 246

J-Series Truflate Interchange Nipple



Male Thread



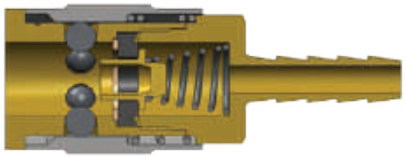
Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	J2M1	⅛ - 27 NPTF	Steel	1.47	37.3	0.58	14.7	½	0.02	10	100	9.88
¼	J2M2	¼ - 18 NPTF	Steel	1.59	40.4	0.65	16.5	9/16	0.02	10	100	19.54
¼	J2M2-B	¼ - 18 NPTF	Brass	1.59	40.4	0.65	16.5	9/16	0.02	10	100	5.32
¼	J2M3	⅜ - 18 NPTF	Steel	1.65	41.9	0.79	20.1	11/16	0.02	10	100	16.44
⅜	J3M3	⅜ - 18 NPTF	Steel	1.84	46.7	0.79	20.1	11/16	0.04	10	50	9.04
⅜	J3M4	½ - 14 NPTF	Steel	2.00	50.8	1.01	25.7	⅞	0.05	10	50	30.33
½	J4M3	⅜ - 18 NPTF	Steel	2.20	55.9	0.79	20.1	11/16	0.06	10	50	8.20
½	J4M4	½ - 14 NPTF	Steel	2.35	59.7	1.01	25.7	⅞	0.07	10	50	10.36
½	J4M6	¾ - 14 NPTF	Steel	2.51	63.8	1.23	31.2	1 1/16	0.11	10	50	49.94

Price Group: PC

AN11

G

J-Series Truflate Interchange Coupler



Standard Hose Barb



Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	2JS2-B	¼	Brass	2.53	64.3	0.88	22.4	¾	0.08	10	100	17.59
¼	2JS3-B	⅜	Brass	2.53	64.3	0.88	22.4	¾	0.08	10	100	17.56
⅜	3JS2	¼	Steel	2.86	72.6	1.06	26.9	⅞	0.12	10	50	34.72
⅜	3JS4	½	Steel	2.86	72.6	1.06	26.9	⅞	0.12	10	50	24.41
½	4FS3	⅜	Steel	3.49	88.6	1.19	30.2	1	0.18	5	30	33.11
½	4FS4	½	Steel	3.49	88.6	1.19	30.2	1	0.19	5	30	32.11
½	4FS6	¾	Steel	3.49	88.6	1.19	30.2	1	0.21	5	30	33.26

Price Group: PC

AN11

J-Series Truflate Interchange Nipple



Standard Hose Barb



Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
¼	J2S2	¼	Steel	1.99	50.5	0.56	14.2	-	0.02	10	100	15.74
¼	J2S3	⅜	Steel	1.99	50.5	0.56	14.2	-	0.02	10	100	8.25
⅜	J3S2	¼	Steel	2.18	55.4	0.75	19.1	-	0.03	10	50	36.67
⅜	J3S4	½	Steel	2.18	55.4	0.75	19.1	-	0.04	10	50	24.38
½	J4S3	⅜	Steel	2.54	64.5	0.75	19.1	-	0.03	10	50	57.55
½	J4S4	½	Steel	2.54	64.5	0.75	19.1	-	0.05	10	50	11.08
½	J4S6	¾	Steel	2.54	64.5	0.94	23.9	-	0.08	10	50	17.49

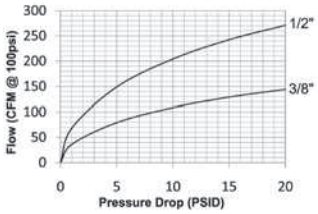
Price Group: PC

AN11

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 246

N-Series Dix-Lock™

Application:	Used on large pneumatic hand-tools such as hammers, chippers, cable winders, air impact wrenches. Also widely used in refineries to convey air, water and nitrogen, for military applications such as breathing air, fresh air systems and oil rigs for compression jacks and hand tools.
Materials:	• Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock. 316 stainless steel available in some versions upon request. • Stainless Steel retaining ring and spring maximize corrosion resistance and extend service life. • Steel componetry is plated using ROHS Compliant Trivalent Chrome. • Dust cap cable constructed of stainless steel • Coupling sleeve constructed of cast zinc steel • Steel and brass locking version have an aluminum lock ring while the stainless locking version has a stainless lock ring.
Seal Components:	Nitrile (Buna-N) pneumatically energized seals are standard, temperature range -40°C to 121°C.
Interchange Data:	• Bowes Interchange Bayonet Style • Interchangeable with Bowes 51000-Series, National Series 'B', MacDonald Quick-Action • US Military MIL-C-3486 and US Government A-A50431A

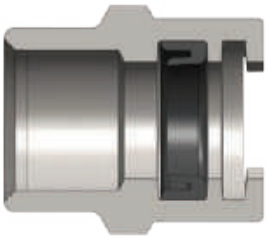


N-Series Bowes Interchange

Body Size (inch)	Steel Coupler / Plug				Brass Coupler / Plug				303 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar
⅜	500	35	7,000	480	-	-	-	-	-	-	-	-
½	500	35	11,000	755	300	20	8,200	565	500	35	12,600	869

G

N-Series Dix-Lock™ Coupler



Female Thread



N-Series Bowes Interchange Coupler

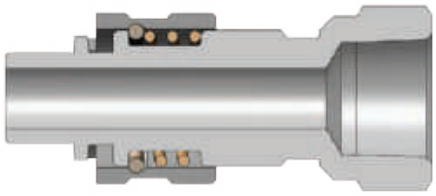
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	4NF3	⅜ - 18 NPTF	Steel	1.63	41.4	1.54	39.1	1⅜	0.23	-	25	48.09
½	4NF3-B	⅜ - 18 NPTF	Brass	1.63	41.4	1.54	39.1	1⅜	0.25	-	25	37.41
½	4NBF3	⅜ - 19 BSPPF	Steel	1.63	41.4	1.54	39.1	1⅜	0.23	-	25	35.00
½	4NF4	½ - 14 NPTF	Steel	1.63	41.4	1.54	39.1	1⅜	0.21	-	25	19.22
½	4NF4-B	½ - 14 NPTF	Brass	1.63	41.4	1.54	39.1	1⅜	0.23	-	25	30.98
½	4NBF4	½ - 14 BSPPF	Steel	1.63	41.4	1.54	39.1	1⅜	0.21	-	25	58.78
½	4NBF4-B	½ - 14 BSPPF	Brass	1.63	41.4	1.54	39.1	1⅜	0.23	-	25	53.30
½	4NF6	¾ - 14 NPTF	Steel	1.63	41.4	1.54	39.1	1⅜	0.16	-	25	22.18
½	4NF6-B	¾ - 14 NPTF	Brass	1.63	41.4	1.54	39.1	1⅜	0.19	-	25	28.11
½	4NF6-S	¾ - 14 NPTF	303 SS	1.63	41.4	1.54	39.1	1⅜	0.17	-	25	98.37
½	4NBF6	¾ - 14 BSPPF	Steel	1.63	41.4	1.54	39.1	1⅜	0.16	-	25	45.20
½	4NBF6-B	¾ - 14 BSPPF	Brass	1.63	41.4	1.54	39.1	1⅜	0.19	-	25	71.26
½	4NF8	1 - 11 ½ NPTF	Steel	1.68	42.6	1.73	43.9	1½	0.22	-	25	44.30
½	4NF8-B	1 - 11 ½ NPTF	Brass	1.68	42.6	1.73	43.9	1½	0.24	-	25	66.05
½	4NBF8	1 - 11 BSPPF	Steel	1.68	42.6	1.73	43.9	1½	0.22	-	25	38.95
½	4NBF8-B	1 - 11 BSPPF	Brass	1.68	42.6	1.73	43.9	1½	0.24	-	25	51.49

Price Group: PC

AD07

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure.

N-Series Dix-Lock™ Nipple



Female Thread

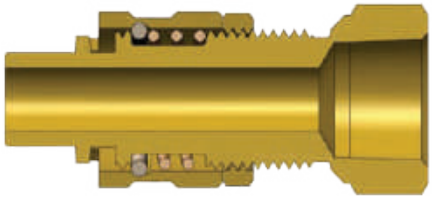


N-Series Bowes Interchange Nipple												
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	N4F3	⅜ - 18 NPTF	Steel	2.73	69.3	1.40	35.6	1⅛	0.22	-	25	56.93
½	N4F3-B	⅜ - 18 NPTF	Brass	2.73	69.3	1.40	35.6	1⅛	0.24	-	25	69.91
½	N4BF3	⅜ - 19 BSPPF	Steel	2.73	69.3	1.40	35.6	1⅛	0.22	-	25	50.28
½	N4F4	½ - 14 NPTF	Steel	2.73	69.3	1.40	35.6	1⅛	0.34	-	25	35.28
½	N4F4-B	½ - 14 NPTF	Brass	2.73	69.3	1.40	35.6	1⅛	0.38	-	25	93.05
½	N4BF4	½ - 14 BSPPF	Steel	2.73	69.3	1.40	35.6	1⅛	0.34	-	25	73.37
½	N4BF4-B	½ - 14 BSPPF	Brass	2.73	69.3	1.40	35.6	1⅛	0.38	-	25	80.34
½	N4F6	¾ - 14 NPTF	Steel	3.34	84.8	1.58	40.1	1⅜	0.30	-	25	48.12
½	N4F6-B	¾ - 14 NPTF	Brass	3.34	84.8	1.58	40.1	1⅜	0.34	-	25	68.38
½	N4F6-S	¾ - 14 NPTF	303 SS	3.34	84.8	1.58	40.1	1⅜	0.31	-	25	197.54
½	N4BF6	¾ - 14 BSPPF	Steel	3.34	84.8	1.58	40.1	1⅜	0.32	-	25	68.10
½	N4BF6-B	¾ - 14 BSPPF	Brass	3.34	84.8	1.58	40.1	1⅜	0.34	-	25	79.80
½	N4F8	1 - 11 ½ NPTF	Steel	3.37	85.7	1.73	43.9	1⅜	0.33	-	25	68.97
½	N4F8-B	1 - 11 ½ NPTF	Brass	3.37	85.7	1.73	43.9	1⅜	0.35	-	25	106.16
½	N4BF8	1 - 11 BSPPF	Steel	3.37	85.7	1.73	43.9	1⅜	0.33	-	25	81.08
½	N4BF8-B	1 - 11 BSPPF	Brass	3.37	85.7	1.73	43.9	1⅜	0.35	-	25	116.50

Price Group: PC

AD07

N-Series Dix-Lock™ Safety-Lock Nipple



Female Thread



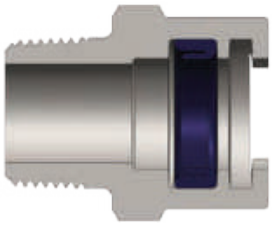
N-Series Bowes Interchange Safety-Lock Nipple												
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	N4F4-B-LS	½ - 14 NPTF	Brass	4.28	108.6	1.58	40.1	1⅜	0.31	-	25	59.39
½	N4F6-B-LS	¾ - 14 NPTF	Brass	4.38	111.2	1.73	43.9	1½	0.30	-	25	99.30

Price Group: PC

AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 249

N-Series Dix-Lock™ Coupler



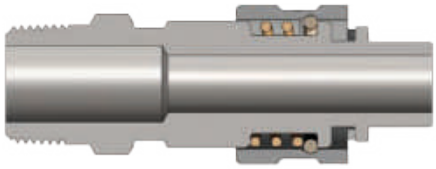
Male Thread



N-Series Bowes Interchange Coupler												
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
⅜	3NM4	½ - 14 NPTM	Steel	1.72	43.6	1.37	34.8	1 3/16	0.09	-	40	54.40
⅜	3NBM4	½ - 14 BSPTM	Steel	1.72	43.6	1.37	34.8	1 3/16	0.09	-	40	101.68
½	4NM3	⅜ - 18 NPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.14	-	25	51.35
½	4NM3-B	⅜ - 18 NPTM	Brass	1.77	45.0	1.54	39.1	1⅜	0.15	-	25	39.62
½	4NBM3	⅜ - 19 BSPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.14	-	25	35.79
½	4NM4	½ - 14 NPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.15	-	25	14.36
½	4NM4-B	½ - 14 NPTM	Brass	1.77	45.0	1.54	39.1	1⅜	0.16	-	25	23.59
½	4NBM4	½ - 14 BSPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.15	-	25	36.44
½	4NBM4-B	½ - 14 BSPTM	Brass	1.77	45.0	1.54	39.1	1⅜	0.16	-	25	44.25
½	4NM6	¾ - 14 NPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.15	-	25	15.62
½	4NM6-B	¾ - 14 NPTM	Brass	1.77	45.0	1.54	39.1	1⅜	0.17	-	25	27.02
½	4NM6-S	¾ - 14 NPTM	303 SS	1.77	45.0	1.54	39.1	1⅜	0.16	-	25	106.18
½	4NBM6	¾ - 14 BSPTM	Steel	1.77	45.0	1.54	39.1	1⅜	0.15	-	25	41.34
½	4NBM6-B	¾ - 14 BSPTM	Brass	1.77	45.0	1.54	39.1	1⅜	0.17	-	25	44.44
½	4NM8	1 - 11½ NPTM	Steel	1.84	46.8	1.73	43.9	1½	0.20	-	25	45.76
½	4NM8-B	1 - 11½ NPTM	Brass	1.84	46.8	1.73	43.9	1½	0.22	-	25	54.81
½	4NBM8	1 - 11 BSPTM	Steel	1.84	46.8	1.73	43.9	1½	0.20	-	25	39.75
½	4NBM8-B	1 - 11 BSPTM	Brass	1.84	46.8	1.73	43.9	1½	0.22	-	25	49.80

Price Group: PC
AD07

N-Series Dix-Lock™ Nipple



Male Thread

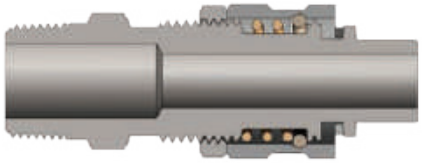


N-Series Bowes Interchange Nipple												
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
⅜	N3M4	½ - 14 NPTM	Steel	1.72	43.6	1.37	34.8	1 3/16	0.18	-	40	96.76
⅜	N3BM4	½ - 14 BSPTM	Steel	1.72	43.6	1.37	34.8	1 3/16	0.18	-	40	70.70
½	N4M3	⅜ - 18 NPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.24	-	25	60.29
½	N4M3-B	⅜ - 18 NPTM	Brass	3.65	92.7	1.40	35.6	1⅛	0.25	-	25	78.78
½	N4BM3	⅜ - 19 BSPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.24	-	25	54.50
½	N4M4	½ - 14 NPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.27	-	25	49.17
½	N4M4-B	½ - 14 NPTM	Brass	3.65	92.7	1.40	35.6	1⅛	0.28	-	25	58.25
½	N4BM4	½ - 14 BSPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.27	-	25	61.28
½	N4BM4-B	½ - 14 BSPTM	Brass	3.65	92.7	1.40	35.6	1⅛	0.29	-	25	73.18
½	N4M6	¾ - 14 NPTM	Steel	3.74	95.0	1.40	35.6	1⅛	0.27	-	25	41.50
½	N4M6-B	¾ - 14 NPTM	Brass	3.74	95.0	1.40	35.6	1⅛	0.29	-	25	71.89
½	N4M6-S	¾ - 14 NPTM	303 SS	3.74	95.0	1.40	35.6	1⅛	0.28	-	25	125.41
½	N4BM6	¾ - 14 BSPTM	Steel	3.74	95.0	1.40	35.6	1⅛	0.27	-	25	63.35
½	N4BM6-B	¾ - 14 BSPTM	Brass	3.74	95.0	1.40	35.6	1⅛	0.29	-	25	84.97
½	N4M8	1 - 11½ NPTM	Steel	3.78	95.9	1.54	39.1	1⅜	0.32	-	25	98.06
½	N4M8-B	1 - 11½ NPTM	Brass	3.78	95.9	1.54	39.1	1⅜	0.34	-	25	106.46
½	N4BM8	1 - 11 BSPTM	Steel	3.78	95.9	1.54	39.1	1⅜	0.32	-	25	63.26
½	N4BM8-B	1 - 11 BSPTM	Brass	3.78	95.9	1.54	39.1	1⅜	0.34	-	25	86.86

Price Group: PC
AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 249

N-Series Dix-Lock™ Safety-Lock Nipple



Male Thread



N-Series Bowes Interchange Safety-Lock Nipple

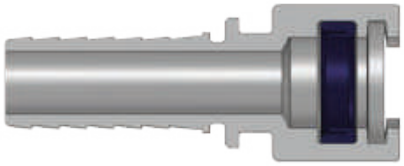
Body Size (inch)	Part No.	Threads (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	N4M4-LS	½ - 14 NPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.29	-	25	50.62
½	N4M4-B-LS	½ - 14 NPTM	Brass	3.65	92.7	1.40	35.6	1⅛	0.31	-	25	89.26
½	N4BM4-LS	½ - 14 BSPTM	Steel	3.65	92.7	1.40	35.6	1⅛	0.29	-	25	60.70
½	N4M6-LS	¾ - 14 NPTM	Steel	3.74	95.0	1.40	35.6	1⅛	0.29	-	25	54.05
½	N4M6-B-LS	¾ - 14 NPTM	Brass	3.74	95.0	1.40	35.6	1⅛	0.31	-	25	66.76
½	N4M6-S-LS	¾ - 14 NPTM	303 SS	3.74	95.0	1.40	35.6	1⅛	0.30	-	25	165.67
½	N4BM6-LS	¾ - 14 BSPTM	Steel	3.74	95.0	1.40	35.6	1⅛	0.29	-	25	63.54

Price Group: PC

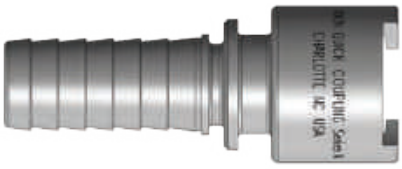
AD07

G

N-Series Dix-Lock™ Coupler



Hose Barb



N-Series Bowes Interchange Coupler

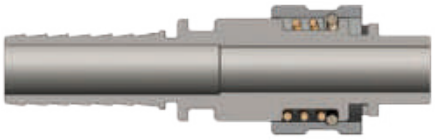
Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
⅜	3NCS4	½	Steel	2.41	61.2	1.20	30.5	-	0.08	-	40	96.63
½	4NS3	⅜	Steel	2.98	75.7	1.33	33.8	-	0.15	-	25	27.07
½	4NS3-B	⅜	Brass	2.98	75.7	1.33	33.8	-	0.16	-	25	39.03
½	4NS4	½	Steel	3.37	85.6	1.33	33.8	-	0.16	-	25	23.33
½	4NS4-B	½	Brass	3.37	85.6	1.33	33.8	-	0.18	-	25	32.75
½	4NS6	¾	Steel	3.37	85.6	1.33	33.8	-	0.18	-	25	28.13
½	4NS6-B	¾	Brass	3.37	85.6	1.33	33.8	-	0.20	-	25	30.64
½	4NS6-S	¾	303 SS	3.37	85.6	1.33	33.8	-	0.19	-	25	84.61
½	4NS8	1	Steel	3.49	88.7	1.33	33.8	-	0.24	-	25	45.95
½	4NS8-B	1	Brass	3.49	88.7	1.33	33.8	-	0.25	-	25	63.52
½	4NS8-S	1	303 SS	3.49	88.7	1.33	33.8	-	0.25	-	25	111.98

Price Group: PC

AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 249

N-Series Dix-Lock™ Nipple



Hose Barb

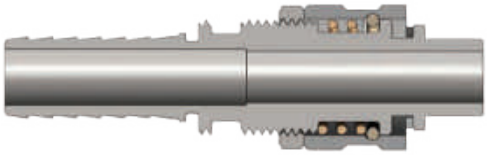


N-Series Bowes Interchange Nipple												
Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
⅜	N3CS4	½	Steel	3.73	94.8	1.13	28.6	-	0.15	-	40	95.77
½	N4S3	⅜	Steel	4.36	110.7	1.40	35.6	-	0.27	-	25	76.25
½	N4S3-B	⅜	Brass	4.36	110.7	1.40	35.6	-	0.30	-	25	158.31
½	N4S4	½	Steel	4.63	117.6	1.40	35.6	-	0.27	-	25	65.16
½	N4S4-B	½	Brass	4.63	117.6	1.40	35.6	-	0.30	-	25	71.45
½	N4S6	¾	Steel	4.77	121.2	1.40	35.6	-	0.27	-	25	42.10
½	N4S6-B	¾	Brass	4.77	121.2	1.40	35.6	-	0.29	-	25	61.17
½	N4S6-S	¾	303 SS	4.77	121.2	1.40	35.6	-	0.28	-	25	122.34
½	N4S8	1	Steel	4.77	121.2	1.40	35.6	-	0.29	-	25	82.24
½	N4S8-B	1	Brass	4.77	121.2	1.40	35.6	-	0.31	-	25	92.64
½	N4S8-S	1	303 SS	4.77	121.2	1.40	35.6	-	0.31	-	25	168.79

Price Group: PC

AD07

N-Series Dix-Lock™ Safety-Lock Nipple



Hose Barb



N-Series Bowes Interchange Safety-Lock Nipple												
Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	N4S4-LS	½	Steel	4.63	117.6	1.40	35.6	-	0.28	-	25	88.64
½	N4S4-B-LS	½	Brass	4.63	117.6	1.40	35.6	-	0.31	-	25	88.08
½	N4S6-LS	¾	Steel	4.77	121.2	1.40	35.6	-	0.28	-	25	56.96
½	N4S6-B-LS	¾	Brass	4.77	121.2	1.40	35.6	-	0.30	-	25	74.62
½	N4S6-S-LS	¾	303 SS	4.77	121.2	1.40	35.6	-	0.29	-	25	166.22

Price Group: PC

AD07

N-Series Dix-Lock™ Gender-Change Union





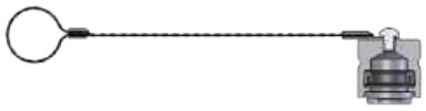
N-Series Bowes Interchange Gender-Change Union												
Body Size (inch)	Part No.	Configuration	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	4N4N	coupler to coupler	Steel	3.26	82.80	1.33	33.80	-	0.14	-	25	68.27

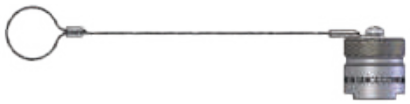
Price Group: PC

AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 249

N-Series Dix-Lock™ Protective Nipple Cap





N-Series Bowes Interchange Protective Nipple Cap											
Body Size (inch)	Part No.	Cap Lanyard	Material	Length		Maximum OD		Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm		Bag	Box	
½	N4DC	SS Steel Cable	Steel	1.50	38.10	1.33	33.80	0.15	-	25	59.82
½	N4DC-B	SS Steel Cable	Brass	1.50	38.10	1.33	33.80	0.16	-	25	77.61

Price Group: PC

AD07

N-Series Dix-Lock™ Replacement Seals



N-Series Bowes Interchange Replacement Seals							
Body Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kit Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3N-SKIT	All	Nitrile	O-Ring	25	200	2.66
½	4N-SKIT	All	Nitrile	Pneumatically Energized Seal	25	200	0.43
½	F-4N-SKIT	All	FKM	Pneumatically Energized Seal	25	500	26.57

Price Group: PC

AD07

N-Series Dix-Lock™ with Ferrules



Male Head



Female Head

Application:	Dix-Lock™ with Carbon Steel Ferrules can be crimped or swaged-on. For crimp or swage diameter recommendations refer to page 625.Rated to 150 PSI Working Pressure.

Hose Shank (inch)	Body Size (inch)	Material	Hose OD (mm)		Part No.	Price $ (ea)
			From:	To:		
Male						
½	½	Steel	21	26	N4S4-WF43	86.39
¾	½	Steel	29	34	N4S6-WF63	88.54
Female						
½	½	Steel	21	26	4NS4-WF43	42.21
¾	½	Steel	29	34	4NS6-WF63	32.53

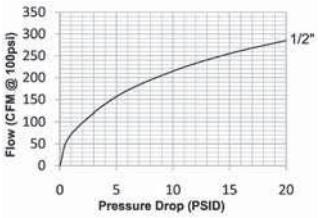
Price Group: PC

AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 249

P-Series Dual Lock

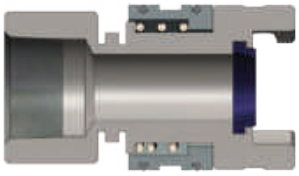
Applications:	Used on large pneumatic hand-tools such as hammers, chippers, cable winders, air impact wrenches. Also widely used in refineries to convey air, water and nitrogen, for military applications such as breathing air, fresh air systems and oil rigs for compression jacks and hand tools.
Materials:	• Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock. • Stainless steel retaining ring and spring maximize corrosion resistance and extend service life on the 1 piece sleeve. 2-Piece Sleeve has a phosphor bronze spring. • Steel componetry is plated using ROHS Compliant Trivalent Chrome. • Steel couplings have a zinc cast sleeve
Seal Components:	Nitrile (Buna-N) seals are standard, temperature range -40°C to 121°C
Interchange Data:	• Thor Finger-Lock Interchange • Interchanges with Thor PHC-Series, National Series 'A', Dual-Lock and Campbell Double Lock



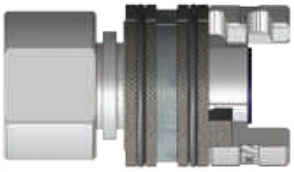
P-Series Thor Interchange												
Body Size (inch)	Steel Coupler / Plug				Brass Coupler / Plug				303 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar
½	300	20	2,600	180	300	20	3,500	240	300	20	4,500	310

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI/NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI
½	-	-	-	-	Latch Fingers	N/A	N/A	N/R	255 CFM

P-Series Dual Lock Coupler



Female Thread



P-Series Thor Interchange Coupler											
Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Wrench Flats (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				(inch)	mm	inch	mm			Bag	Box	
½	4PF4	½" - 14 NPTF	Steel	2.75	69.9	1.55	39.4	1¼	0.29	-	25	55.23
½	4PF6	¾" - 14 NPTF	Steel	2.75	69.9	1.55	39.4	1¼	0.25	-	25	46.15
½	4PF6-B	¾" - 14 NPTF	Brass	2.75	69.9	1.55	39.4	1¼	0.26	-	25	111.66
½	4PF6-S	¾" - 14 NPTF	303 SS	2.75	69.9	1.55	39.4	1¼	0.26	-	25	250.31

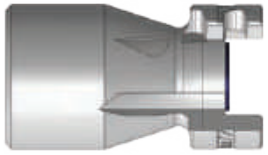
Price Group: PC

AD07

P-Series Dual Lock Nipple



Female Thread



P-Series Thor Interchange Nipple

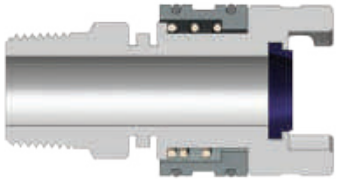
Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Wrench Flats (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	P4F3	⅜"-18 NPTF	Steel	1.79	45.5	1.55	39.4	⅞	0.22	-	25	44.13
½	P4F4	½"-14 NPTF	Steel	2.25	57.2	1.55	39.4	1 5/16	0.34	-	25	26.66
½	P4F4-B	½"-14 NPTF	Brass	2.25	57.2	1.55	39.4	1 5/16	0.38	-	25	56.63
½	P4F6	¾"-14 NPTF	Steel	2.34	59.4	1.55	39.4	1 5/16	0.30	-	25	39.32
½	P4F6-9	¾"-14 NPTF	Steel/Tefcoat	2.34	59.4	1.55	39.4	1 5/16	0.30	-	25	77.58
½	P4F6-B	¾"-14 NPTF	Brass	2.34	59.4	1.55	39.4	1 5/16	0.34	-	25	53.87
½	P4F6-S	¾"-14 NPTF	303 Stainless	2.34	59.4	1.55	39.4	1 5/16	0.31	-	25	127.72
½	P4F8	1"-11½ NPTF	Steel	2.76	70.1	1.55	39.4	1 1/16	0.33	-	25	29.28
½	P4F8-B	1"-11½ NPTF	Brass	2.76	70.1	1.55	39.4	1 1/16	0.35	-	25	72.72

Price Group: PC

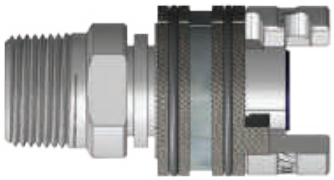
AD07

G

P-Series Dual Lock Coupler



Male Thread



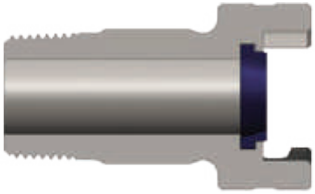
P-Series Thor Interchange Coupler

Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Wrench Flats (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	4PM3	⅜"-18 NPTM	Steel	2.93	74.4	1.55	39.4	⅞	0.22	-	25	38.57
½	4PM4	½"-14 NPTM	Steel	2.98	75.7	1.55	39.4	⅞	0.22	-	25	40.18
½	4PM6	¾"-14 NPTM	Steel	2.98	75.7	1.55	39.4	1 1/16	0.23	-	25	49.41
½	4PM6-9	¾"-14 NPTM	Steel/Tefcoat	2.98	75.7	1.55	39.4	1 1/16	0.23	-	25	126.87
½	4PM6-S	¾"-14 NPTM	303 Stainless	2.98	75.7	1.55	39.4	1 1/16	0.23	-	25	223.63
½	4PM8	1"-11½ NPTM	Steel	3.11	79.0	1.55	39.4	1⅜	0.25	-	25	94.33

Price Group: PC

AD07

P-Series Dual Lock Nipple



Male Thread



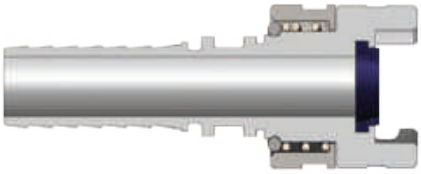
P-Series Thor Interchange Nipple

Body Size (inch)	Part No.	Threads	Material	Length		Maximum OD		Wrench Flats (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	P4M3	⅜"-18 NPTM	Steel	2.00	50.8	1.55	39.4	⅞	0.13	-	25	45.06
½	P4M4	½"-14 NPTM	Steel	2.25	57.2	1.55	39.4	1 5/16	0.15	-	25	23.81
½	P4M4-B	½"-14 NPTM	Brass	2.25	57.2	1.55	39.4	1 5/16	0.16	-	25	35.02
½	P4M6	¾"-14 NPTM	Steel	2.55	64.8	1.55	39.4	1⅛	0.20	-	25	39.46
½	P4M6-9	¾"-14 NPTM	Steel/Tefcoat	2.55	64.8	1.55	39.4	1⅛	0.20	-	25	76.64
½	P4M6-B	¾"-14 NPTM	Brass	2.55	64.8	1.55	39.4	1⅛	0.22	-	25	50.53
½	P4M6-S	¾"-14 NPTM	303 SS	2.55	64.8	1.55	39.4	1⅛	0.21	-	25	125.12
½	P4M8	1"-11½ NPTM	Steel	3.25	82.6	1.55	39.4	1⅜	0.28	-	25	44.24
½	P4M8-B	1"-11½ NPTM	Brass	3.25	82.6	1.55	39.4	1⅜	0.30	-	25	65.57

Price Group: PC

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 255

P-Series Dual Lock Coupler



Hose Barb



P-Series Thor Interchange Coupler												
Body Size (inch)	Part No.	Hose ID (inch)	Material	Length		Maximum OD		Hex Size (inch)	Weight (kg)	Pkg Qty		Price $ (ea)
				inch	mm	inch	mm			Bag	Box	
½	4PS3	⅜	Steel	3.53	89.7	1.55	39.4	-	0.22	-	25	48.01
½	4PS4	½	Steel	3.95	100.3	1.55	39.4	-	0.24	-	25	40.22
½	4PS4-B	½	Brass	3.95	100.3	1.55	39.4	-	0.26	-	25	74.82
½	4PS6	¾	Steel	3.95	100.3	1.55	39.4	-	0.25	-	25	39.43
½	4PS6-9	¾	Steel/Tefcoat	3.95	100.3	1.55	39.4	-	0.25	-	25	138.33
½	4PS6-B	¾	Brass	3.95	100.3	1.55	39.4	-	0.26	-	25	69.99
½	4PS8	1	Steel	6.06	153.9	1.55	39.4	-	0.43	-	25	80.52
½	4PS8-B	1	Brass	6.06	153.9	1.55	39.4	-	0.44	-	25	122.20

Price Group: PC

AD07

G

P-Series Dual Lock Replacement Seals

P-Series Thor Interchange Replacement Seals							
Body Size (inch)	Part No.	Coupler Style	Material	Seal Kit Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
½	4P-SKIT	All	Nitrile	Sealing Gasket	25	500	0.30
½	F-4P-SKIT	All	FKM	Sealing Gasket	25	500	2.86



Price Group: PC

AD07

Locking Key	
Part No.	Price $ (ea)
4P-CLIP	POR



Fits couplings with locking sleeve.

Price Group: PC

AD07

Dual Lock Coupling with Ferrule

Application:	Used on large pneumatic hand-tools such as hammers, chippers, cable winders, air impact wrenches. Also widely used in refineries to convey air, water and nitrogen, for military applications such as breathing air, fresh air systems and oil rigs for compression jacks and hand tools.
Materials:	Zinc Coated Coupling with Plated Steel Ferrule. Also available in Stainless Steel
Pressure:	300 PSI WP



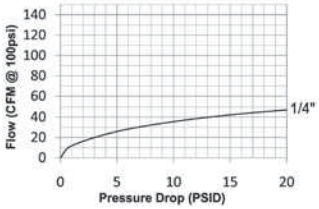
Hose Size (inch)	Hose OD (mm)		Part No.	Price $ (ea)
	From:	To:		
½	21	26	4PS4-WF43	64.37
¾	29	34	4PS6-WF63	94.48

Price Group: PC

AD07

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 255

NK-Series Nitto Interchange

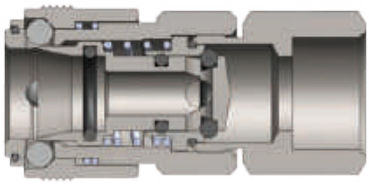


Application:	From factory air line to pneumatic tool connection, available in various sizes and end connections. Excellent durability in any environment. An excellent general-purpose coupling for connecting factory air supply to pneumatic tool hose.
Materials:	• Machined components are manufactured using solid steel bar stock • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life • Steel componentry is plated using chrome-over-nickel plating • Available in stainless steel
Seal Components:	Nitrile (Buna-N) seals are standard, temperature range -40°C to 121°C
Interchange Data:	• Japanese industrial interchange pneumatic coupling • Nitto Kohki Hi-Cupla 200, Rectus Series 13 and CEJN Series 315

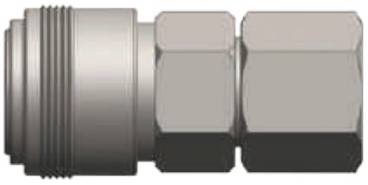
Body Size (inch)	Coupler / Plug			
	Max Working		Coupled Burst	
	PSI	bar	PSI	bar
¼	300	20	13,500	931
⅜	300	20	13,500	931
½	300	20	13,500	931

G

NK-Series Nitto Interchange Coupler



Female Thread

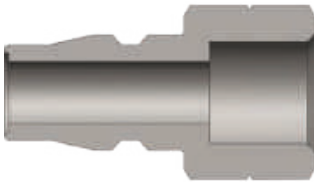


Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Max OD (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20SF	¼ - 19 BSPP	Steel	50.0	25.0	19	0.08	10	21.19
⅜	30SF	⅜ - 14 BSPP	Steel	50.0	25.0	19	0.08	10	23.22
½	40SF	½ - 14 BSPP	Steel	50.0	25.0	21	0.09	5	24.40

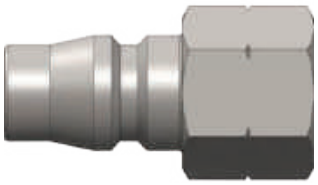
Price Group: PC

AP10

NK-Series Nitto Interchange Nipple



Female Thread

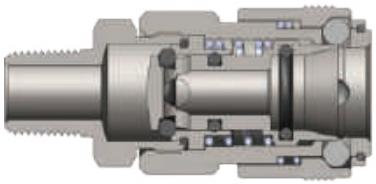


Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Max OD (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20PF	¼ - 19 BSPP	Steel	38.0	17.0	⅝	0.03	10	4.72
⅜	30PF	⅜ - 14 BSPP	Steel	38.0	21.0	⅝	0.04	10	5.95
½	40PF	½ - 14 BSPP	Steel	39.0	26.0	⅝	0.06	5	11.16

Price Group: PC

AP10

NK-Series Nitto Interchange Coupler



Male Thread



Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Max OD (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20SM	¼ - 19 BSPT	Steel	50.0	25.0	19	0.08	10	21.46
⅜	30SM	⅜ - 14 BSPT	Steel	50.0	25.0	19	0.09	10	22.41
½	40SM	½ - 14 BSPT	Steel	52.0	25.0	21	0.09	5	24.69

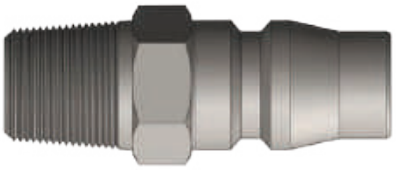
Price Group: PC

AP10

NK-Series Nitto Interchange Nipple



Male Thread

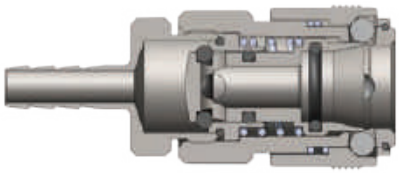


Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20PM	¼ - 19 BSPT	Steel	41.0	14	0.03	10	3.76
⅜	30PM	⅜ - 14 BSPT	Steel	42.0	14	0.04	10	4.70
½	40PM	½ - 14 BSPT	Steel	43.0	19	0.05	5	6.25

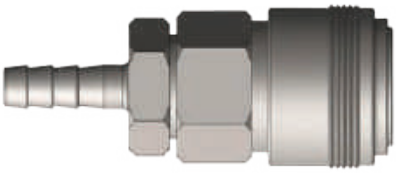
Price Group: PC

AP10

NK-Series Nitto Interchange Coupler



Hose Barb

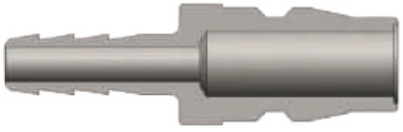


Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Max OD (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20SH	¼	Steel	67.0	25.0	19	0.08	10	22.43
⅜	30SH	⅜	Steel	71.0	25.0	19	0.08	10	25.00
½	40SH	½	Steel	71.0	25.0	19	0.09	5	24.26

Price Group: PC

AP10

NK-Series Nitto Interchange Nipple



Hose Barb



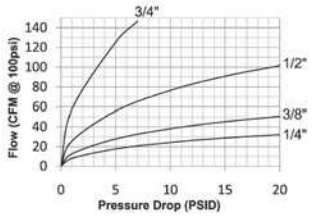
Body Size (inch)	Part No.	Threads (inch)	Material	Length (mm)	Max OD (mm)	Hex Size (inch)	Weight (kg)	Bag Qty	Price $ (ea)
¼	20PH	¼	Steel	57.0	16.0	-	0.03	10	3.67
⅜	30PH	⅜	Steel	61.0	18.0	-	0.03	10	3.94
½	40PH	½	Steel	65.0	18.0	-	0.03	5	5.42

Price Group: PC

AP10

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 258

DF-Series Industrial Interchange



Materials:	• Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Automatic couplers constructed of brass with steel tubular valve as standard (⅜" to ¾" couplers have steel prong valves). • ¼" manual couplers constructed of brass with steel sleeve and steel tubular valve as standard. • ⅜" and ½" manual couplers constructed of steel as standard with steel tubular valve.
Seal Components:	Nitrile (Buna-N) seals are standard, providing a temperature range of -40°C to 121°C
Interchange Data:	• Parker 20-Series manual interchange (F-Series) • Parker 30-Series automatic interchange (D-Series) • Foster 3, 4, 5 and 6 Series • Hansen 1000, 400, 500 (F-Series) • Hansen 3000, 4000, 5000, 6000 (D-Series) • Ryco 300 • MIL-C-4109, A-A 59439 & 15061508

G

D-Series Automatic Industrial Interchange

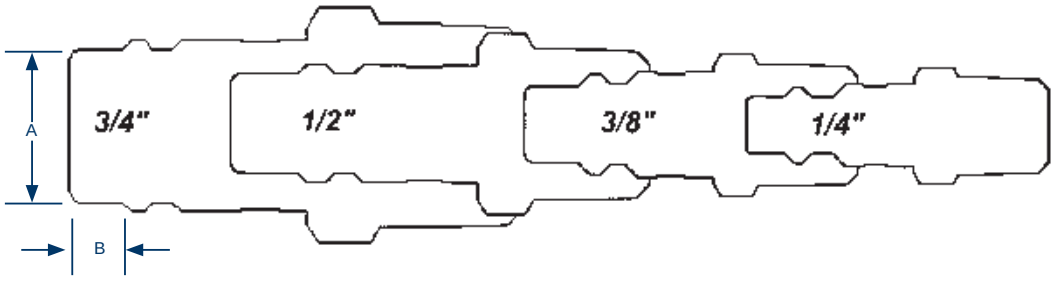
Body Size (inch)	Brass Coupler / Steel Plug				Brass Coupler / Plug				Steel Coupler / Plug				303 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar
¼	500	35	16,000	1,100	300	20	16,000	1,100	-	-	-	-	500	35	26,000	1,795
⅜	500	35	15,500	1,070	300	20	14,500	1,000	-	-	-	-	500	35	25,500	1,760
½	500	35	14,000	965	300	20	10,500	725	-	-	-	-	500	35	20,500	1,415
¾	500	35	10,000	670	-	-	-	-	-	-	-	-	-	-	-	-

F-Series Manual Industrial Interchange

Body Size (inch)	Brass Coupler / Steel Plug				Brass Coupler / Plug				Steel Coupler / Plug				303 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar
¼	500	35	9,000	620	300	20	8,500	586	500	35	6,500	448	500	35	11,500	795
⅜	500	35	11,500	790	300	20	10,000	690	500	35	19,500	1,345	500	35	20,500	1,415
½	-	-	-	-	-	-	-	-	500	35	15,500	1,070	500	35	15,000	1,035

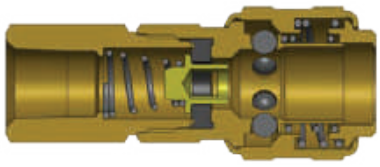
Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI/NFPA Standards	Locking Ball Quantity	Air Inclusion	Fluid Loss	Vacuum Rating	Flow ΔP = 15 PSI
¼	MIL-C-4109F	A-A-59439	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	27 CFM
⅜	-	-	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	45 CFM
½	MIL-C-4109F	A-A-59439	ISO6150B	T3.20.14-1990	6	N/A	N/A	N/R	91 CFM
¾	-	-	ISO6150B	T3.20.14-1990	9	N/A	N/A	N/R	200 CFM

DF-Series Profiles



Body Size (inch)	A (mm)	B (mm)
¼	7.94	4.76
⅜	11.11	7.94
½	14.29	9.53
¾	20.64	7.94

D-Series Automatic Industrial Interchange Safety Coupler



Female Thread

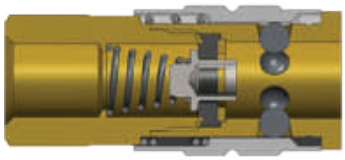


Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2DF1-B	⅛ - 27 NPTF	Brass	0.13	10	100	29.36
¼	2DF2-B	¼ - 18 NPTF	Brass	0.13	10	100	26.92
¼	2DF2-S	¼ - 18 NPTF	303 SS	0.13	10	100	88.28
¼	2DBF2-B	¼ - 19 BSPP	Brass	0.13	10	100	35.48
¼	2DF3-B	⅜ - 18 NPTF	Brass	0.14	10	100	34.65
¼	2DF3-S	⅜ - 18 NPTF	303 SS	0.14	10	100	144.03
¼	2DBF3-B	⅜ - 19 BSPP	Brass	0.14	10	100	45.14
⅜	3DF2-B	¼ - 18 NPTF	Brass	0.19	10	50	51.42
⅜	3DF3-B	⅜ - 18 NPTF	Brass	0.19	10	50	43.80
⅜	3DF3-S	⅜ - 18 NPTF	303 SS	0.19	10	50	144.70
⅜	3DBF3-B	⅜ - 19 BSPP	Brass	0.19	10	50	60.18
⅜	3DF4-B	½ - 14 NPTF	Brass	0.21	10	50	49.49
½	4DF3-B	⅜ - 18 NPTF	Brass	0.25	5	30	51.63
½	4DF4-B	½ - 14 NPTF	Brass	0.30	5	30	49.98
½	4DF4-S	½ - 14 NPTF	303 SS	0.30	5	30	159.33
½	4DBF4-B	½ - 14 BSPP	Brass	0.30	5	30	66.79
½	4DF6-B	¾ - 14 NPTF	Brass	0.35	5	30	58.21
¾	6DF4-B	½ - 14 NPTF	Brass	0.50	-	20	155.73
¾	6DF6-B	¾ - 14 NPTF	Brass	0.50	-	20	147.19
¾	6DF8-B	1 - 11½ NPTF	Brass	0.56	-	20	163.93

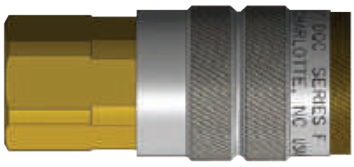
Price Group: PC

AN01

F-Series Manual Industrial Interchange Coupler



Female Thread



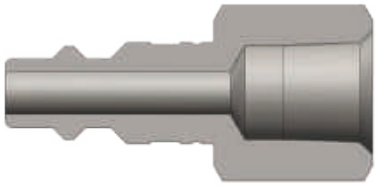
Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2FF1-B	⅛ - 27 NPTF	Brass	0.09	10	100	17.32
¼	2FBF1-B	⅛ - 28 BSPP	Brass	0.09	10	100	40.02
¼	2FF2	¼ - 18 NPTF	Steel	0.09	10	100	25.49
¼	2FF2-B	¼ - 18 NPTF	Brass	0.09	10	100	22.21
¼	2FF2-S	¼ - 18 NPTF	303 SS	0.09	10	100	54.38
¼	2FBF2-B	¼ - 19 BSPP	Brass	0.09	10	100	24.50
¼	2FF3-B	⅜ - 18 NPTF	Brass	0.09	10	100	18.03
¼	2FF3-S	⅜ - 18 NPTF	303 SS	0.08	10	100	97.41
¼	2FBF3-B	⅜ - 19 BSPP	Brass	0.09	10	100	28.30
⅜	3FF2	¼ - 18 NPTF	Steel	0.14	10	50	29.08
⅜	3FF3	⅜ - 18 NPTF	Steel	0.14	10	50	27.83
⅜	3FF3-S	⅜ - 18 NPTF	303 SS	0.14	10	50	111.44
⅜	3FBF3	⅜ - 19 BSPP	Steel	0.14	10	50	37.88
⅜	3FF4	½ - 14 NPTF	Steel	0.15	10	50	29.94
½	4FF3	⅜ - 18 NPTF	Steel	0.21	5	30	37.59
½	4FF4	½ - 14 NPTF	Steel	0.25	5	30	34.93
½	4FF4-S	½ - 14 NPTF	303 SS	0.25	5	30	130.83
½	4FBF4	½ - 14 BSPP	Steel	0.25	5	30	50.52
½	4FF6	¾ - 14 NPTF	Steel	0.28	5	30	41.12

Price Group: PC

AN01

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 260

DF-Series Industrial Interchange Nipple



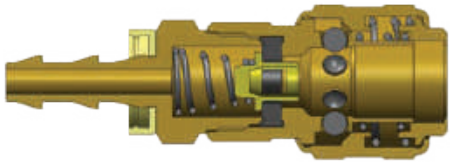
Female Thread



Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	D2F1	⅛ - 27 NPTF	Steel	0.01	10	100	4.77
¼	D2F2	¼ - 18 NPTF	Steel	0.01	10	100	3.65
¼	D2F2-B	¼ - 18 NPTF	Brass	0.02	10	100	5.08
¼	D2F2-S	¼ - 18 NPTF	303 SS	0.02	10	100	11.92
¼	D2BF2	¼ - 19 BSPP	Steel	0.01	10	100	7.91
¼	D2F3	⅜ - 18 NPTF	Steel	0.04	10	100	5.71
¼	D2F3-B	⅜ - 18 NPTF	Brass	0.04	10	100	11.55
¼	D2F3-S	⅜ - 18 NPTF	303 SS	0.04	10	100	36.88
¼	D2BF3	⅜ - 19 BSPP	Steel	0.04	10	100	11.62
⅜	D3F2	¼ - 18 NPTF	Steel	0.03	10	50	5.68
⅜	D3F3	⅜ - 18 NPTF	Steel	0.04	10	50	6.19
⅜	D3F3-B	⅜ - 18 NPTF	Brass	0.04	10	50	15.75
⅜	D3F3-S	⅜ - 18 NPTF	303 SS	0.04	10	50	19.56
⅜	D3BF3	⅜ - 19 BSPP	Steel	0.04	10	50	14.02
⅜	D3F4	½ - 14 NPTF	Steel	0.06	10	50	9.45
½	D4F3	⅜ - 18 NPTF	Steel	0.05	10	50	9.19
½	D4F4	½ - 14 NPTF	Steel	0.08	10	50	10.64
½	D4F4-B	½ - 14 NPTF	Brass	0.09	10	50	14.88
½	D4F4-S	½ - 14 NPTF	303 SS	0.08	10	50	28.64
½	D4BF4	½ - 14 BSPP	Steel	0.08	10	50	18.33
½	D4F6	¾ - 14 NPTF	Steel	0.12	10	50	17.35
½	D4F6-B	¾ - 14 NPTF	Brass	0.12	10	50	17.32
¾	D6F4	½ - 14 NPTF	Steel	0.10	5	20	33.18
¾	D6F8	1 - 11½ NPTF	Steel	0.21	5	20	39.33

Price Group: PC
AN01

D-Series Automatic Industrial Interchange Coupler



Push-Loc Barb

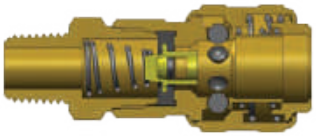


Body Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2DB2-B	¼	Brass	0.12	10	100	28.45
¼	2DB3-B	⅜	Brass	0.13	10	100	29.79
⅜	3DB3-B	⅜	Brass	0.19	10	50	134.29
½	4DB4-B	½	Brass	0.25	5	30	136.77

Price Group: PC
AN01

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 260

D-Series Automatic Industrial Interchange Safety Coupler



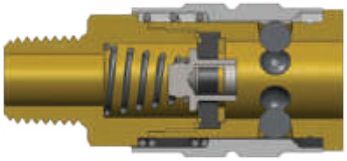
Male Thread



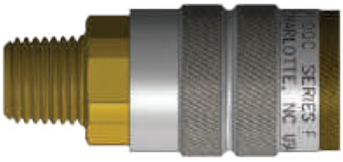
Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2DM1-B	⅛ - 27 NPTF	Brass	0.12	10	100	29.83
¼	2DM2-B	¼ - 18 NPTF	Brass	0.13	10	100	28.50
¼	2DM2-S	¼ - 18 NPTF	303 SS	0.13	10	100	84.20
¼	2DBM2-B	¼ - 19 BSPT	Brass	0.13	10	100	41.28
¼	2DM3-B	⅜ - 18 NPTF	Brass	0.13	10	100	26.69
¼	2DM3-S	⅜ - 18 NPTF	303 SS	0.13	10	100	95.73
¼	2DBM3-B	⅜ - 19 BSPT	Brass	0.13	10	100	50.38
⅜	3DM2-B	¼ - 18 NPTF	Brass	0.16	10	50	46.66
⅜	3DM3-B	⅜ - 18 NPTF	Brass	0.18	10	50	42.17
⅜	3DM3-S	⅜ - 18 NPTF	303 SS	0.18	10	50	153.53
⅜	3DBM3-B	⅜ - 19 BSPT	Brass	0.18	10	50	66.59
⅜	3DM4-B	½ - 14 NPTF	Brass	0.19	10	50	44.12
½	4DM3-B	⅜ - 18 NPTF	Brass	0.26	5	30	47.11
½	4DM4-B	½ - 14 NPTF	Brass	0.27	5	30	46.86
½	4DM4-S	½ - 14 NPTF	303 SS	0.28	5	30	160.13
½	4DBM4-B	½ - 14 BSPT	Brass	0.27	5	30	102.21
½	4DM6-B	¾ - 14 NPTF	Brass	0.30	5	30	50.56
¾	6DM4-B	½ - 14 NPTF	Brass	0.40	-	20	178.21
¾	6DM6-B	¾ - 14 NPTF	Brass	0.41	-	20	163.10
¾	6DM8-B	1 - 11½ NPTF	Brass	0.45	-	20	170.88

Price Group: PC
AN01

F-Series Manual Industrial Interchange Coupler



Male Thread



Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2FM1-B	⅛ - 27 NPTF	Brass	0.08	10	100	19.08
¼	2FM1-S	⅛ - 27 NPTF	303 SS	0.08	10	100	73.24
¼	2FM2	¼ - 18 NPTF	Steel	0.08	10	100	18.00
¼	2FM2-B	¼ - 18 NPTF	Brass	0.09	10	100	14.61
¼	2FM2-S	¼ - 18 NPTF	303 SS	0.08	10	100	47.76
¼	2FBM2-B	¼ - 19 BSPT	Brass	0.09	10	100	19.13
¼	2FM3-B	⅜ - 18 NPTF	Brass	0.09	10	100	15.17
¼	2FM3-S	⅜ - 18 NPTF	303 SS	0.09	10	100	96.02
⅜	3FM2	¼ - 18 NPTF	Steel	0.12	10	50	26.87
⅜	3FM3	⅜ - 18 NPTF	Steel	0.12	10	50	25.91
⅜	3FM3-S	⅜ - 18 NPTF	303 SS	0.13	10	50	116.44
⅜	3FBM3	⅜ - 19 BSPT	Steel	0.12	10	50	51.38
⅜	3FM4	½ - 14 NPTF	Steel	0.13	10	50	27.95
½	4FM3	⅜ - 18 NPTF	Steel	0.19	5	30	32.64
½	4FM4	½ - 14 NPTF	Steel	0.20	5	30	50.90
½	4FM4-S	½ - 14 NPTF	303 SS	0.21	5	30	146.88
½	4FBM4	½ - 14 BSPT	Steel	0.20	5	30	51.89
½	4FM6	¾ - 14 NPTF	Steel	0.23	5	30	42.64

Price Group: PC
AN01

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 260

DF-Series Industrial Interchange Nipple



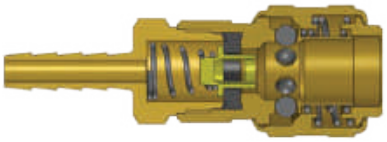
Male Thread



Body (inch)	Part No.	Thread (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	D2M1	⅛ - 27 NPTF	Steel	0.02	10	100	3.82
¼	D2M1-B	⅛ - 27 NPTF	Brass	0.02	10	100	4.09
¼	D2M1-S	⅛ - 27 NPTF	303 SS	0.02	10	100	31.07
¼	D2M2	¼ - 18 NPTF	Steel	0.02	10	100	2.92
¼	D2M2-B	¼ - 18 NPTF	Brass	0.02	10	100	4.03
¼	D2M2-S	¼ - 18 NPTF	303 SS	0.02	10	100	8.08
¼	D2BM2	¼ - 19 BSPT	Steel	0.02	10	100	14.98
¼	D2M3	⅜ - 18 NPTF	Steel	0.02	10	100	4.74
¼	D2M3-B	⅜ - 18 NPTF	Brass	0.03	10	100	6.53
¼	D2M3-S	⅜ - 18 NPTF	303 SS	0.04	10	100	17.82
¼	D2BM3	⅜ - 19 BSPT	Steel	0.03	10	100	15.08
⅜	D3M2	¼ - 18 NPTF	Steel	0.04	10	50	4.42
⅜	D3M3	⅜ - 18 NPTF	Steel	0.04	10	50	4.59
⅜	D3M3-B	⅜ - 18 NPTF	Brass	0.04	10	50	10.47
⅜	D3M3-S	⅜ - 18 NPTF	303 SS	0.04	10	50	14.50
⅜	D3BM3	⅜ - 19 BSPT	Steel	0.04	10	50	15.14
½	D4M2	¼ - 18 NPTF	Steel	0.06	10	50	9.14
½	D4M3	⅜ - 18 NPTF	Steel	0.07	10	50	6.17
½	D4M4	½ - 14 NPTF	Steel	0.07	10	50	16.27
½	D4M4-B	½ - 14 NPTF	Brass	0.08	10	50	13.46
½	D4M4-S	½ - 14 NPTF	303 SS	0.07	10	50	24.59
½	D4BM4	½ - 14 BSPT	Steel	0.07	10	50	15.22
½	D4M6	¾ - 14 NPTF	Steel	0.11	10	50	12.99
½	D4M6-B	¾ - 14 NPTF	Brass	0.11	10	50	21.50
¾	D6M4	½ - 14 NPTF	Steel	0.10	5	20	36.34
¾	D6M6	¾ - 14 NPTF	Steel	0.11	5	20	27.67
¾	D6M8	1 - 11½ NPTF	Steel	0.12	5	20	51.90

Price Group: PC
AN01

D-Series Automatic Industrial Interchange Safety Coupler



Standard Hose Barb

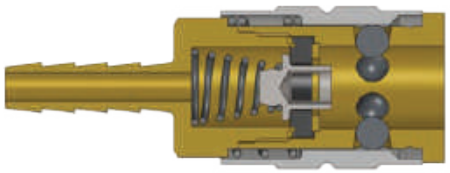


Body Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2DS2-B	¼	Brass	0.12	10	100	35.37
¼	2DS2-S	¼	303 SS	0.12	10	100	85.19
¼	2DS3-B	⅜	Brass	0.12	10	100	31.81
¼	2DS3-S	⅜	303 SS	0.13	10	100	95.77
⅜	3DS2-B	¼	Brass	0.17	10	50	47.36
⅜	3DS3-B	⅜	Brass	0.18	10	50	45.06
⅜	3DS3-S	⅜	303 SS	0.18	10	50	156.05
⅜	3DS4-B	½	Brass	0.19	10	50	42.29
½	4DS3-B	⅜	Brass	0.25	5	30	49.09
½	4DS4-B	½	Brass	0.27	5	30	45.78
½	4DS4-S	½	303 SS	0.27	5	30	187.67
½	4DS6-B	¾	Brass	0.30	5	30	51.24
¾	6DS4-B	½	Brass	0.41	-	20	154.98
¾	6DS6-B	¾	Brass	0.42	-	20	153.43
¾	6DS8-B	1	Brass	0.47	-	20	214.86

Price Group: PC
AN01

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 260

F-Series Manual Industrial Interchange Coupler



Standard Hose Barb

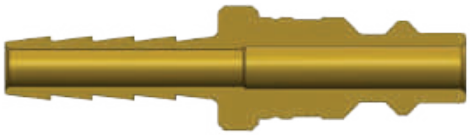


Body Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2FS2	¼	Steel	0.08	10	100	27.71
¼	2FS2-B	¼	Brass	0.08	10	100	16.37
¼	2FS2-S	¼	303 SS	0.08	10	100	55.01
¼	2FS2.5-B	5/16	Brass	0.08	10	100	19.47
¼	2FS3-B	⅜	Brass	0.08	10	100	15.94
¼	2FS3-S	⅜	303 SS	0.09	10	100	95.86
⅜	3FS2	¼	Steel	0.12	10	50	36.54
⅜	3FS3	⅜	Steel	0.12	10	50	27.17
⅜	3FS3-S	⅜	303 SS	0.13	10	50	122.14
⅜	3FS4	½	Steel	0.13	10	50	26.73
½	4FS3	⅜	Steel	0.19	5	30	33.11
½	4FS4	½	Steel	0.20	5	30	32.11
½	4FS4-S	½	303 SS	0.20	5	30	135.58
½	4FS6	¾	Steel	0.22	5	30	33.26

Price Group: PC

AN01

DF-Series Industrial Interchange Nipple



Standard Hose Barb



Body Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	D2S2	¼	Steel	0.02	10	100	4.30
¼	D2S2-S	¼	303 SS	0.02	10	100	16.49
¼	D2S2.5	5/16	Steel	0.02	10	100	8.70
¼	D2S3	⅜	Steel	0.02	10	100	4.33
¼	D2S3-B	⅜	Brass	0.02	10	100	4.44
¼	D2S3-S	⅜	303 SS	0.02	10	100	16.53
⅜	D3S2	¼	Steel	0.03	10	50	15.41
⅜	D3S3	⅜	Steel	0.03	10	50	5.69
⅜	D3S3-B	⅜	Brass	0.04	10	50	16.02
⅜	D3S3-S	⅜	303 SS	0.04	10	50	17.67
⅜	D3S4	½	Steel	0.04	10	50	5.79
½	D4S3	⅜	Steel	0.04	10	50	10.53
½	D4S3-B	⅜	Brass	0.05	10	50	12.98
½	D4S4-B	½	Brass	0.05	10	50	12.93
½	D4S4-S	½	303 SS	0.05	10	50	23.39
½	D4S6	¾	Steel	0.08	10	50	15.49
½	D4S6-B	¾	Brass	0.08	10	50	16.73
¾	D6S4	½	Steel	0.09	5	20	36.51
¾	D6S6	¾	Steel	0.10	5	20	42.74
¾	D6S8	1	Steel	0.16	5	20	75.21

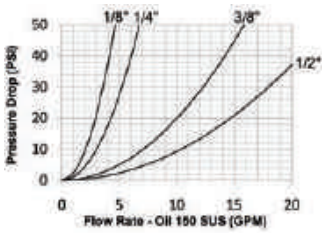
Price Group: PC

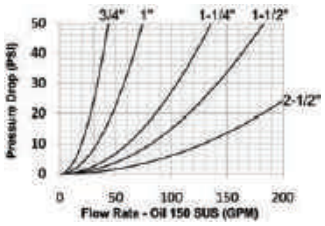
AN01

It is important to be safe when installing quick disconnect couplings into a pneumatic circuit. Never install a pneumatic coupling directly into an air tool, use a piece of hose that is at least 18" long, between the tool and the coupling, to prevent damage to the coupling. To protect the operator, safety devices, such as a safety check valve and safety cable should be installed in case there is a hose or coupling failure.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 260

H-Series ISO7241 Series 'B'





Materials:	• Machined components are manufactured using solid steel, brass, 303 stainless steel or 316 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are hardened to provide heavy duty performance and resist brinnelling.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C. • ⅛" to 1" steel and stainless couplers have a PTFE anti-extrusion ring. • ⅛" to 2½" brass couplers have a redundant O-ring sealing system (dual O-rings/no PTFE back-up ring). • 1¼" to 2½" steel and stainless couplers have a redundant O-ring sealing system (dual O-rings/no PTFE back-up ring). • Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurised connection.
Interchange Data:	• Interchangeable to ISO7241 Series B • Parker 60-Series, Snap-Tite 72-Series, Hansen HK-Series, Faster Series HNV Aeroquip/Eaton FD45, Stucchi Series IRB/IRBO/IRBX
Standards:	• H-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series B.

G

Size (inch)	Steel Coupler / Plug				Brass Coupler / Plug				303 Stainless Coupler / Plug				316 Stainless Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
⅛	4000	275	14500	1000	3000	200	16500	1100	3500	240	29500	2000	3500	240	29500	2000
¼	5000	345	22500	1550	3000	200	15000	1000	3500	240	31500	2150	3500	240	33000	2200
⅜	4000	275	16500	1150	2500	175	12000	800	3500	240	26500	1800	3500	240	28000	1900
½	4000	275	16000	1100	2500	175	11500	750	3500	240	27500	1900	3500	240	22000	1500
¾	4000	275	16500	1150	2000	138	12000	800	3000	200	16000	1100	3000	200	21500	1450
1	4000	275	16000	1100	1500	100	8500	600	2000	138	15000	1000	2000	138	15000	1000
1¼	2500	170	10000	700	1000	70	6500	450	2000	138	10000	700	1000	70	8500	580
1½	2500	170	12500	850	1000	70	6500	450	1500	100	8500	580	1000	70	7000	480
2½	1500	100	6000	400	700	50	5500	380	1000	70	6500	450	900	62	6000	400

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
⅛	-	-	ISO7241-B	B93.113M-B	8	0.6cc	0.3cc	27.4	12
¼	-	-	ISO7241-B	B93.113M-B	8	1.1cc	0.9cc	27.4	17
⅜	-	-	ISO7241-B	B93.113M-B	9	2.6cc	1.8cc	27.4	38
½	-	-	ISO7241-B	B93.113M-B	9	3.8cc	2.9cc	27.4	57
¾	-	-	ISO7241-B	B93.113M-B	12	10.8cc	9.7cc	27.4	110
1	-	-	ISO7241-B	B93.113M-B	12	15.9cc	15.3cc	27.4	190
1¼	-	-	ISO7241-B	B93.113M-B	12	30.0cc	45.0cc	N/R	341
1½	-	-	ISO7241-B	B93.113M-B	12	60.0cc	75.0cc	N/R	454
2½	-	-	ISO7241-B	B93.113M-B	15	N/A	N/A	N/R	738

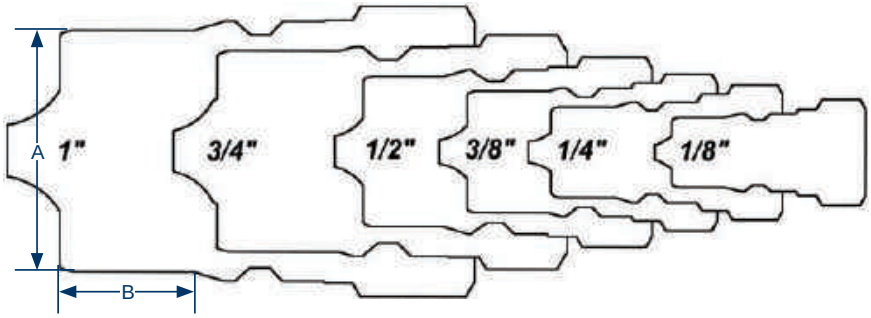
* These particular sizes are not outlined within the documented standard category.

H-Series Standards						
Size (inch)	Parker	Snap - Tite	Faster	Hansen	Aeroquip / Eaton	Stucchi
⅛	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
¼	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
⅜	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
½	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
¾	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
1	60-Series	72-Series	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series
1¼	-	-	-	HK-Series	FD45	IRB / IRBO / IRBX Series
1½	60-Series	-	Series 'HNV'	HK-Series	FD45	IRB / IRBO / IRBX Series

ISO-B couplings are not recommended for BOP. (Blow Out Prevention systems)

H-Series Profiles

Body Size (inch)	A (mm)	B (mm)
⅛	11.11	7.94
¼	14.29	9.53
⅜	19.05	12.70
½	23.81	12.70
¾	31.75	19.05
1	38.10	20.64
1¼	36.51	26.40
1½	42.86	33.34
2½	58.74	36.51



H-Series Interchange - Hermaphrodite Dust Plugs & Caps

Size (inch)	Part No.	Body Material	Pkg Qty		Price $ (ea)
			Bag	Box	
¼	2HDP-H2DC	Nitrile	10	50	5.41
⅜	3HDP-H3DC	Nitrile	10	50	6.78
½	4HDP-H4DC	Nitrile	10	50	5.63
¾	6HDP-H6DC	Nitrile	5	25	7.29
1	8HDP-H8DC	Nitrile	5	25	9.10
1¼	8HDP-H8DC	Nitrile	5	25	9.10

Note: 8HDP-H8DC fits both 1" and 1¼" body sizes.



Price Group: PC

AP03

H-Series Interchange - Coupler Rigid Dust Plugs

Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2HDP-A	SS Bead Chain	Aluminium	0.01	10	50	33.12
⅜	3HDP-A	SS Bead Chain	Aluminium	0.01	10	50	33.85
½	4HDP-A	SS Bead Chain	Aluminium	0.01	10	50	34.05
¾	6HDP-A	SS Bead Chain	Aluminium	0.04	5	25	37.24
1	8HDP-A	SS Bead Chain	Aluminium	0.06	5	25	41.09
1½	12HDP-A	SS Bead Chain	Aluminium	0.13	5	25	99.80
2½	20HDP-A	SS Chain	Aluminium	0.19	-	10	263.47



Price Group: PC

AP03

H-Series Interchange - Nipple Rigid Dust Caps

Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	H2DC-A	SS Bead Chain	Aluminium	0.01	10	50	32.44
⅜	H3DC-A	SS Bead Chain	Aluminium	0.03	10	50	38.60
½	H4DC-A	SS Bead Chain	Aluminium	0.06	10	50	35.95
¾	H6DC-A	SS Bead Chain	Aluminium	0.09	5	25	53.27
1	H8DC-A	SS Bead Chain	Aluminium	0.12	5	25	45.07
1½	H12DC-A	SS Bead Chain	Aluminium	0.11	5	25	103.37
2½	H20DC-A	SS Chain	Aluminium	0.18	-	10	271.33



Price Group: PC

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

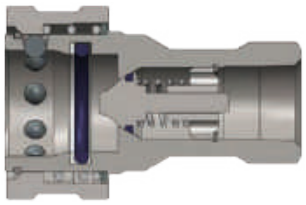
AP03

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 266

H-Series Interchange - Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2HF2	¼ - 18 NPTF	Steel	0.13	10	50	25.30
¼	2HF2-B	¼ - 18 NPTF	Brass	0.14	10	50	29.10
¼	2HF2-S	¼ - 18 NPTF	303 SS	0.13	10	50	58.28
¼	2HF2-SS	¼ - 18 NPTF	316 SS	0.13	10	50	134.51
¼	2HBF2	¼ - 19 BSPP	Steel	0.13	10	50	45.28
¼	2HBF2-B	¼ - 19 BSPP	Brass	0.15	10	50	30.44
¼	2HBF2-S	¼ - 19 BSPP	303 SS	0.13	10	50	53.87
¼	2HBF2-SS	¼ - 19 BSPP	316 SS	0.13	10	50	134.51
¼	2HOF3	9/16 - 18 ORB	Steel	0.14	10	50	41.26
⅜	3HF3	⅜ - 18 NPTF	Steel	0.18	10	50	29.89
⅜	3HF3-B	⅜ - 18 NPTF	Brass	0.20	10	50	37.21
⅜	3HF3-S	⅜ - 18 NPTF	303 SS	0.18	10	50	63.38
⅜	3HF3-SS	⅜ - 18 NPTF	316 SS	0.18	10	50	162.41
⅜	3HBF3	⅜ - 19 BSPP	Steel	0.18	10	50	32.81
⅜	3HBF3-B	⅜ - 19 BSPP	Brass	0.20	10	50	41.48
⅜	3HBF3-S	⅜ - 19 BSPP	303 SS	0.18	10	50	80.40
⅜	3HBF3-SS	⅜ - 19 BSPP	316 SS	0.18	10	50	164.91
⅜	3HOF4	¾ - 16 ORB	Steel	0.23	10	50	46.76
½	4HF4	½ - 14 NPTF	Steel	0.33	5	25	44.64
½	4HF4-B	½ - 14 NPTF	Brass	0.36	5	25	52.03
½	4HF4-S	½ - 14 NPTF	303 SS	0.34	5	25	111.91
½	4HF4-SS	½ - 14 NPTF	316 SS	0.34	5	25	169.30
½	4HBF4	½ - 14 BSPP	Steel	0.33	5	25	44.66
½	4HBF4-B	½ - 14 BSPP	Brass	0.36	5	25	64.27
½	4HBF4-S	½ - 14 BSPP	303 SS	0.34	5	25	144.00
½	4HBF4-SS	½ - 14 BSPP	316 SS	0.34	5	25	169.36
½	4HOF5	⅞ - 14 ORB	Steel	0.35	5	25	112.41
¾	6HF6	¾ - 14 NPTF	Steel	0.59	-	10	68.48
¾	6HF6-B	¾ - 14 NPTF	Brass	0.62	-	10	85.30
¾	6HF6-S	¾ - 14 NPTF	303 SS	0.59	-	10	177.46
¾	6HF6-SS	¾ - 14 NPTF	316 SS	0.60	-	10	335.59
¾	6HBF6	¾ - 14 BSPP	Steel	0.59	-	10	72.91
¾	6HBF6-B	¾ - 14 BSPP	Brass	0.62	-	10	106.32
¾	6HBF6-S	¾ - 14 BSPP	303 SS	0.59	-	10	185.97
¾	6HBF6-SS	¾ - 14 BSPP	316 SS	0.60	-	10	312.89
¾	6HOF6	1 1/16- 12 ORB	Steel	0.63	-	10	102.87
1	8HF8	1 - 11½ NPTF	Steel	0.88	-	10	91.22
1	8HF8-B	1 - 11½ NPTF	Brass	0.90	-	10	132.55
1	8HF8-S	1 - 11½ NPTF	303 SS	0.88	-	10	237.37
1	8HF8-SS	1 - 11½ NPTF	316 SS	0.88	-	10	340.94
1	8HBF8	1 - 11 BSPP	Steel	0.88	-	10	107.35
1	8HBF8-B	1 - 11 BSPP	Brass	0.90	-	10	131.45
1	8HBF8-S	1 - 11 BSPP	303 SS	0.88	-	10	335.62
1	8HBF8-SS	1 - 11 BSPP	316 SS	0.88	-	10	499.80

Price Group: PC

AP03

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 266

H-Series Interchange - High Volume Couplers

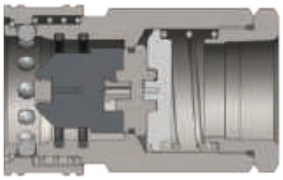
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1¼	10HF10	1¼ - 11½ NPTF	Steel	1.59	-	1	281.79
1¼	10HF10-B	1¼ - 11½ NPTF	Brass	1.59	-	1	392.69
1¼	10HF10-S	1¼ - 11½ NPTF	303 SS	1.59	-	1	519.77
1¼	10HBF10	1¼ - 11 BSPP	Steel	1.59	-	1	303.38
1½	12HF10	1¼ - 11½ NPTF	Steel	2.13	-	1	281.85
1½	12HF10-B	1¼ - 11½ NPTF	Brass	2.12	-	1	518.15
1½	12HF10-S	1¼ - 11½ NPTF	303 SS	2.12	-	1	577.30
1½	12HOF10	1⅝ - 12 ORB	Steel	2.14	-	1	299.66
1½	12HF12	1½ - 11½ NPTF	Steel	2.13	-	1	278.48
1½	12HF12-B	1½ - 11½ NPTF	Brass	2.08	-	1	412.97
1½	12HF12-S	1½ - 11½ NPTF	303 SS	2.12	-	1	585.17
1½	12HF12-SS	1½ - 11½ NPTF	316 SS	2.12	-	1	657.92
1½	12HBF12	1½ - 11 BSPP	Steel	2.13	-	1	333.33
1½	12HBF12-B	1½ - 11 BSPP	Brass	2.08	-	1	408.71
1½	12HBF12-S	1½ - 11 BSPP	303 SS	2.12	-	1	635.91
1½	12HBF12-SS	1½ - 11 BSPP	316 SS	2.12	-	1	661.56
1½	12HOF12	1⅞ - 12 ORB	Steel	2.14	-	1	310.23
2½	20HF16	2 - 11½ NPTF	Steel	5.00	-	1	1180.38
2½	20HF16-B	2 - 11½ NPTF	Brass	5.03	-	1	2108.98
2½	20HF20	2½ - 8 NPTF	Steel	5.05	-	1	1180.38
2½	20HF24	3 - 8 NPTF	Steel	5.22	-	1	1424.19

Price Group: PC

AP03



Female Thread



NPTF & ORB thread styles, and a complete range of seal options are available..

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H-Series Interchange - High Volume Nipples

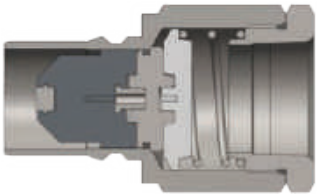
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1¼	H10F10	1¼ - 11½ NPTF	Steel	0.99	-	1	216.78
1¼	H10F10-B	1¼ - 11½ NPTF	Brass	0.99	-	1	225.18
1¼	H10F10-S	1¼ - 11½ NPTF	303 SS	0.99	-	1	501.86
1¼	H10BF10	1¼ - 11 BSPP	Steel	0.99	-	1	210.78
1½	H12F10	1¼ - 11½ NPTF	Steel	1.40	-	1	223.32
1½	H12F10-B	1¼ - 11½ NPTF	Brass	1.40	-	1	387.37
1½	H12F10-S	1¼ - 11½ NPTF	303 SS	1.40	-	1	448.66
1½	H12OF10	1⅝ - 12 ORB	Steel	1.43	-	1	239.75
1½	H12F12	1½ - 11½ NPTF	Steel	1.40	-	1	219.95
1½	H12F12-B	1½ - 11½ NPTF	Brass	1.34	-	1	299.24
1½	H12F12-S	1½ - 11½ NPTF	303 SS	1.39	-	1	456.53
1½	H12F12-SS	1½ - 11½ NPTF	316 SS	1.38	-	1	507.01
1½	H12BF12	1½ - 11 BSPP	Steel	1.41	-	1	256.68
1½	H12BF12-B	1½ - 11 BSPP	Brass	1.34	-	1	302.03
1½	H12BF12-S	1½ - 11 BSPP	303 SS	1.39	-	1	516.99
1½	H12BF12-SS	1½ - 11 BSPP	316 SS	1.39	-	1	530.15
1½	H12OF12	1⅞ - 12 ORB	Steel	1.43	-	1	250.32
2½	H20F16	2 - 11½ NPTF	Steel	3.33	-	1	924.76
2½	H20F16-B	2 - 11½ NPTF	Brass	3.33	-	1	1507.05
2½	H20F20	2½ - 8 NPTF	Steel	3.27	-	1	924.76
2½	H20F24	3 - 8 NPTF	Steel	3.43	-	1	1186.83

Price Group: PC

AP03



Female Thread



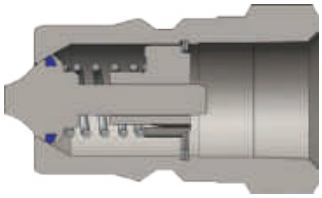
- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 266

H-Series Interchange - Nipples



Female Thread



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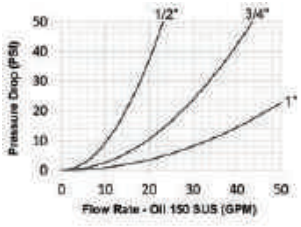
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	H2F2	¼ - 18 NPTF	Steel	0.03	10	50	11.60
¼	H2F2-B	¼ - 18 NPTF	Brass	0.04	10	50	11.35
¼	H2F2-S	¼ - 18 NPTF	303 SS	0.03	10	50	30.63
¼	H2F2-SS	¼ - 18 NPTF	316 SS	0.03	10	50	83.49
¼	H2BF2	¼ - 19 BSPP	Steel	0.03	10	50	11.40
¼	H2BF2-B	¼ - 19 BSPP	Brass	0.04	10	50	15.68
¼	H2BF2-S	¼ - 19 BSPP	303 SS	0.03	10	50	31.24
¼	H2BF2-SS	¼ - 19 BSPP	316 SS	0.03	10	50	99.61
¼	H2OF3	9/16 - 18 ORB	Steel	0.04	10	50	38.61
⅜	H3F3	⅜ - 18 NPTF	Steel	0.05	10	50	12.92
⅜	H3F3-B	⅜ - 18 NPTF	Brass	0.04	10	50	21.42
⅜	H3F3-S	⅜ - 18 NPTF	303 SS	0.05	10	50	36.63
⅜	H3F3-SS	⅜ - 18 NPTF	316 SS	0.05	10	50	77.56
⅜	H3BF3	⅜ - 19 BSPP	Steel	0.05	10	50	14.40
⅜	H3BF3-B	⅜ - 19 BSPP	Brass	0.04	10	50	22.01
⅜	H3BF3-S	⅜ - 19 BSPP	303 SS	0.05	10	50	40.78
⅜	H3BF3-SS	⅜ - 19 BSPP	316 SS	0.05	10	50	82.33
⅜	H3OF4	¾ - 16 ORB	Steel	0.07	10	50	34.96
½	H4F4	½ - 14 NPTF	Steel	0.10	5	25	16.70
½	H4F4-B	½ - 14 NPTF	Brass	0.11	5	25	25.84
½	H4F4-S	½ - 14 NPTF	303 SS	0.10	5	25	134.14
½	H4F4-SS	½ - 14 NPTF	316 SS	0.10	5	25	79.87
½	H4BF4	½ - 14 BSPP	Steel	0.11	5	25	32.96
½	H4BF4-B	½ - 14 BSPP	Brass	0.11	5	25	25.58
½	H4BF4-S	½ - 14 BSPP	303 SS	0.11	5	25	47.36
½	H4BF4-SS	½ - 14 BSPP	316 SS	0.11	5	25	82.46
½	H4OF5	⅞ - 14 ORB	Steel	0.12	5	25	56.58
¾	H6F6	¾ - 14 NPTF	Steel	0.21	-	10	28.11
¾	H6F6-B	¾ - 14 NPTF	Brass	0.22	-	10	30.08
¾	H6F6-S	¾ - 14 NPTF	303 SS	0.21	-	10	84.08
¾	H6F6-SS	¾ - 14 NPTF	316 SS	0.21	-	10	205.85
¾	H6BF6	¾ - 14 BSPP	Steel	0.21	-	10	30.43
¾	H6BF6-B	¾ - 14 BSPP	Brass	0.23	-	10	36.97
¾	H6BF6-S	¾ - 14 BSPP	303 SS	0.21	-	10	98.17
¾	H6BF6-SS	¾ - 14 BSPP	316 SS	0.21	-	10	168.07
¾	H6OF6	1 1/16 - 12 ORB	Steel	0.21	-	10	63.50
1	H8F8	1 - 11½ NPTF	Steel	0.34	-	10	48.74
1	H8F8-B	1 - 11½ NPTF	Brass	0.34	-	10	67.22
1	H8F8-S	1 - 11½ NPTF	303 SS	0.34	-	10	129.56
1	H8F8-SS	1 - 11½ NPTF	316 SS	0.34	-	10	196.80
1	H8BF8	1 - 11 BSPP	Steel	0.34	-	10	51.40
1	H8BF8-B	1 - 11 BSPP	Brass	0.34	-	10	68.66
1	H8BF8-S	1 - 11 BSPP	303 SS	0.34	-	10	153.64
1	H8BF8-SS	1 - 11 BSPP	316 SS	0.34	-	10	198.80
1	H8OF8	1 5/16 - 12 ORB	Steel	0.36	-	10	62.04

Price Group: PC
AP03

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 266

H-BOP Series Hydraulic Couplings

Materials:	• Machined components are manufactured using solid steel or 316 stainless steel bar stock. • Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximize service life. • Steel nipples are hardened to provide heavy duty performance and resist brinneling. • Red powder coated coupler sleeve and nipple hex for easy BOP service identification • Locking sleeve is standard
Seal Components:	• Blow-out Prevention (BOP) couplings contain severe service FKM seals • PTFE Anti-Extrusion ring protects main coupling body seal from dynamic impulse pressure damage • Coupler has redundant O-ring sealing system • Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection
Interchange Data:	• Eaton/Hansen HKFR-Series, DNP HNV-BOP Series • Interchangeable to ISO7241 Series B



- BOP couplings have been fire tested and Lloyd's certified to 700°C in accordance with API 16D. Certificate available upon request.
- Use H-Series dust caps and dust plugs found on page 267

Rated Pressure Chart:

H-BOP-Series Blowout Prevention Safety Interchange

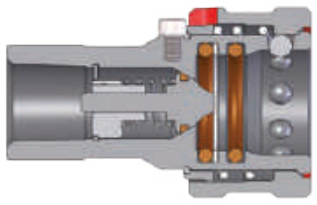
Size (inch)	Brass Coupler / Plug				Brass Coupler / Steel Plug				Lloyd's Test Pressure	Flow ΔP = 22 PSI
	Max Working		Burst		Max Working		Burst			
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar		
½	5000	345	16000	1100	5000	345	22000	1500	5000	15 GPM
¾	5000	345	16500	1150	5000	345	21500	1450	5000	29 GPM
1	5000	345	16000	1100	5000	345	15000	1000	5000	50 GPM

H-BOP Series Hydraulic Couplers

H-BOP Series Blowout Prevention Safety Coupler (Female Threads)

Size (inch)	Part Detail			Length		Maximum OD		Hex mm	Weight Kgs	Package Qty		Price $ (ea)
	Part No.	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
½	4HF4-BOP	½" - 14 NPTF	Steel	2.86	72.6	1.86	47.2	1-5/16"	0.33	-	25	163.97
½	4HF4-SS-BOP	½" - 14 NPTF	316 SS	2.86	72.6	1.86	47.2	1-5/16"	0.35	-	25	295.12
¾	6HF6-BOP	¾" - 14 NPTF	Steel	3.55	90.2	2.22	56.4	1-5/16"	0.59	-	10	134.18
¾	6HF6-SS-BOP	¾" - 14 NPTF	316 SS	3.55	90.2	2.22	56.4	1-5/16"	0.60	-	10	305.32
1	8HF8-BOP	1" - 11 ½ NPTF	Steel	4.13	104.9	2.49	63.2	1-5/8"	0.88	-	10	161.94
1	8HF8-SS-BOP	1" - 11 ½ NPTF	316 SS	4.13	104.9	2.49	63.2	1-5/8"	0.88	-	10	358.56



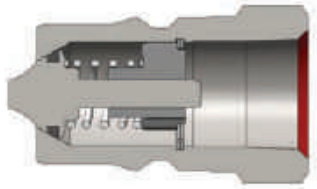


H-BOP Series Hydraulic Nipples

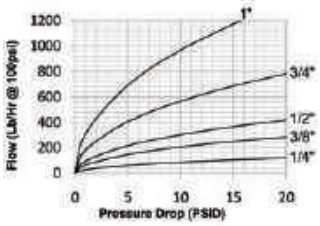
H-BOP Series Blowout Prevention Safety Nipple (Female Threads)

Size (inch)	Part Detail			Length		Maximum OD		Hex mm	Weight Kgs	Package Qty		Price $ (ea)
	Part No.	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
½	H4F4-BOP	½" - 14 NPTF	Steel	1.94	49.3	1.17	29.7	1-1/16"	0.11	-	25	96.48
½	H4F4-SS-BOP	½" - 14 NPTF	316 SS	1.94	49.3	1.17	29.7	1-1/16"	0.11	-	25	123.38
¾	H6F6-BOP	¾" - 14 NPTF	Steel	2.41	61.2	1.44	36.6	1-5/16"	0.21	-	10	60.42
¾	H6F6-SS-BOP	¾" - 14 NPTF	316 SS	2.41	61.2	1.44	36.6	1-5/16"	0.21	-	10	178.36
1	H8F8-BOP	1" - 11 ½ NPTF	Steel	2.87	72.9	1.79	45.5	1-5/8"	0.35	-	10	72.11
1	H8F8-SS-BOP	1" - 11 ½ NPTF	316 SS	2.87	72.9	1.79	45.5	1-5/8"	0.35	-	10	205.23





HS-Series ISO-B
Steam Interchange



Features:	• HS-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series B. • Flanged sleeves are designed for ease of sleeve operation while wearing gloves during connection and disconnection. • EPDM steam body and valve seals are formulated to withstand continuous steam service. • Brass couplers have a redundant O-ring to maximize service life and provide additional sealing integrity.
Materials:	• Machined components are manufactured using solid steel, brass, or 303 stainless steel bar stock. • Stainless steel balls, retaining rings, and springs maximize corrosion resistance and extend service life. • Steel components is plated using ROHS Compliant Trivalent Chrome. • Steel nipples are hardened to provide heavy duty performance and resist brinneling. • All couplers have a steel steam-sleeve as standard.
Seal Components:	• EPDM steam-grade seals are standard, providing a temperature range of -57°C to 204°C • Couplers have a redundant O-ring sealing system (Dual O-rings with PTFE back-up) • Valve seals are crimped in place to maintain integrity during excessive flow conditions.
Interchange Data:	• Interchangeable to ISO7241 Series 'B' • Parker 60-Series Steam Couplings

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Size (inch)	Brass Coupler / Plug				Brass Coupler / Steel Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	200	14	14500	1000	200	14	14500	1000
⅜	200	14	12000	800	200	14	14500	1000
½	200	14	11500	750	200	14	14500	1000
¾	200	14	9280	640	200	14	9280	640
1	200	14	5800	400	200	14	5800	400

Size (inch)	Brass Coupler / 303 SS Plug				303 SS Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	200	14	14500	1000	200	14	31500	2150
⅜	200	14	14500	1000	200	14	26500	1800
½	200	14	14500	1000	200	14	27500	1900
¾	200	14	9280	640	200	14	16000	1100
1	200	14	5800	400	200	14	15000	1000

Please Note (operating specifications): Operating pressure has been calculated using saturated steam at 170°C (338°F) for general purpose applications. Operating temperature is related to continuous steam service, with an intermittent maximum temperature of 204°C (400°F). For advanced operating pressure or super-heated steam specifications, contact the factory for further information.

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lps/hr) ΔP = 10 PSI
¼	-	-	ISO7241-B	B93.113M-B	8	1.1cc	0.9cc	27.4	88
⅜	-	-	ISO7241-B	B93.113M-B	9	2.6cc	1.8cc	27.4	206
½	-	-	ISO7241-B	B93.113M-B	9	3.8cc	2.9cc	27.4	302
¾	-	-	ISO7241-B	B93.113M-B	12	10.8cc	9.7cc	27.4	567
1	-	-	ISO7241-B	B93.113M-B	12	15.9cc	15.3cc	27.4	968

HS-Series Interchange		
Size (inch)	Parker	Hansen
All Sizes	60 Series	HK Series

DO NOT DISCONNECT STEAM COUPLINGS WHILE UNDER PRESSURE!
Maximum operating temperature for steam service couplings is 204°C (400°F). Be sure to use safety chains, or equivalent means, to prevent the line from thrashing around in case the coupling becomes disconnected.

HS-Series Couplers

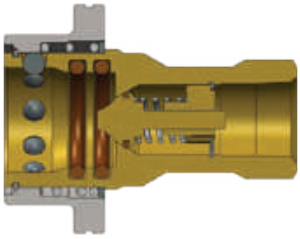
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2HSF2-B	¼ - 18 NPTF	Brass	0.13	5	50	56.40
¼	2HSF2-S	¼ - 18 NPTF	303 SS	0.13	5	50	60.54
¼	2HSBF2-B	¼ - 19 BSPP	Brass	0.13	5	50	54.69
¼	2HSBF2-S	¼ - 19 BSPP	303 SS	0.13	5	50	83.69
⅜	3HSF3-B	⅜ - 18 NPTF	Brass	0.22	-	50	65.88
⅜	3HSF3-S	⅜ - 18 NPTF	303 SS	0.22	-	50	93.18
⅜	3HSBF3-B	⅜ - 19 BSPP	Brass	0.22	-	50	72.63
⅜	3HSBF3-S	⅜ - 19 BSPP	303 SS	0.22	-	50	104.90
½	4HSF4-B	½ - 14 NPTF	Brass	0.34	-	25	91.05
½	4HSF4-S	½ - 14 NPTF	303 SS	0.34	-	25	92.32
½	4HSBF4-B	½ - 14 BSPP	Brass	0.34	-	25	77.55
½	4HSBF4-S	½ - 14 BSPP	303 SS	0.34	-	25	121.18
¾	6HSF6-B	¾ - 14 NPTF	Brass	0.59	-	10	183.25
¾	6HSF6-S	¾ - 14 NPTF	303 SS	0.59	-	10	140.91
¾	6HSBF6-B	¾ - 14 BSPP	Brass	0.59	-	10	113.80
¾	6HSBF6-S	¾ - 14 BSPP	303 SS	0.59	-	10	224.11
1	8HSF8-B	1 - 11½ NPTF	Brass	0.88	-	10	172.03
1	8HSF8-S	1 - 11½ NPTF	303 SS	0.88	-	10	261.74
1	8HSBF8-B	1 - 11 BSPP	Brass	0.88	-	10	161.12
1	8HSBF8-S	1 - 11 BSPP	303 SS	0.88	-	10	328.99

Price Group: PC

AP04



Female Thread



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HS-Series Nipples

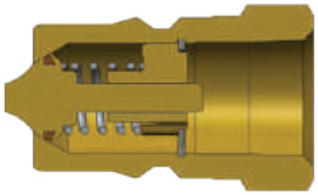
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	HS2F2	¼ - 18 NPTF	Steel	0.03	10	50	12.20
¼	HS2F2-B	¼ - 18 NPTF	Brass	0.03	10	50	13.10
¼	HS2F2-S	¼ - 18 NPTF	303 SS	0.03	10	50	27.03
¼	HS2BF2	¼ - 19 BSPP	Steel	0.03	10	50	20.07
¼	HS2BF2-B	¼ - 19 BSPP	Brass	0.03	10	50	31.99
¼	HS2BF2-S	¼ - 19 BSPP	303 SS	0.03	10	50	40.09
⅜	HS3F3	⅜ - 18 NPTF	Steel	0.06	10	50	27.78
⅜	HS3F3-B	⅜ - 18 NPTF	Brass	0.06	10	50	18.63
⅜	HS3F3-S	⅜ - 18 NPTF	303 SS	0.06	10	50	51.35
⅜	HS3BF3	⅜ - 19 BSPP	Steel	0.06	10	50	23.10
⅜	HS3BF3-B	⅜ - 19 BSPP	Brass	0.06	10	50	35.13
⅜	HS3BF3-S	⅜ - 19 BSPP	303 SS	0.06	10	50	53.48
½	HS4F4	½ - 14 NPTF	Steel	0.11	5	25	19.94
½	HS4F4-B	½ - 14 NPTF	Brass	0.11	5	25	32.07
½	HS4F4-S	½ - 14 NPTF	303 SS	0.11	5	25	63.57
½	HS4BF4	½ - 14 BSPP	Steel	0.11	5	25	61.75
½	HS4BF4-B	½ - 14 BSPP	Brass	0.11	5	25	57.52
½	HS4BF4-S	½ - 14 BSPP	303 SS	0.11	5	25	62.10
¾	HS6F6	¾ - 14 NPTF	Steel	0.21	-	10	41.90
¾	HS6F6-B	¾ - 14 NPTF	Brass	0.21	-	10	38.75
¾	HS6BF6	¾ - 14 BSPP	Steel	0.21	-	10	50.79
¾	HS6BF6-B	¾ - 14 BSPP	Brass	0.21	-	10	49.83
¾	HS6BF6-S	¾ - 14 BSPP	303 SS	0.21	-	10	124.44
1	HS8F8	1 - 11½ NPTF	Steel	0.34	-	10	65.47
1	HS8F8-B	1 - 11½ NPTF	Brass	0.34	-	10	80.01
1	HS8F8-S	1 - 11½ NPTF	303 SS	0.34	-	10	140.14
1	HS8BF8	1 - 11 BSPP	Steel	0.34	-	10	69.57
1	HS8BF8-B	1 - 11 BSPP	Brass	0.34	-	10	72.80
1	HS8BF8-S	1 - 11 BSPP	303 SS	0.34	-	10	189.28

Price Group: PC

AP04



Female Thread



Note: Maximum working pressure has been calculated using saturated steam at 194°C for general purpose continuous steam service. For advanced operating pressure or super-heated steam applications, contact Dixon™ for further information.

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 272

H-Series ISO-B Food Grade Couplings



Features:

- H-Series couplers and nipples are fully compliant with the parameters outlined in ISO7241 Series B.
- FKM™ seals are FDA approved for Food Service applications, such as fryers and fryer-oil filtering equipment.
- Large diameter flanged coupler sleeves will prevent damage when dropped and are easier to operate with gloves on.
- Couplings of steel with nickel plating, 303 SS and 316 SS will fulfill the requirements of various food service applications.

Size (inch)	Steel Coupler / Plug				Brass Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
½	4000	275	16000	1100	2500	175	11500	750

Size (inch)	303 Stainless Coupler / Plug				316 Stainless Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
½	3500	240	27500	1900	3500	240	22000	1500

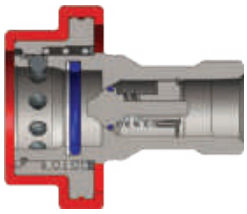
Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
½	-	-	ISO7241-B	B93.113M-B	9	3.8cc	2.9cc	27.4	57

HFG-Series Interchange						
Size (inch)	Parker	Aeroquip	Snap-Tite	Stucchi	Faster	Hansen
½	60 Series	FD45	72 Series	IRB / IRBO / IRBX	HNV Series	HK Series

H-Series Silicone Flanged Couplers



Female Thread



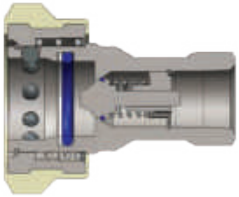
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	D-4HF4-S-FSB	½ - 14 NPTF	303 SS	0.39	5	25	121.20
½	D-4HF4-SS-FSB	½ - 14 NPTF	316 SS	0.40	5	25	162.62

Price Group: PC
AP03

H-Series Nylon Flanged Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	D-4HF4-S-FNS	½ - 14 NPTF	303 SS	0.39	5	25	116.94
½	D-4HF4-SS-FNS	½ - 14 NPTF	316 SS	0.40	5	25	154.26

Price Group: PC
AP03

- ORB thread styles also available.
- A complete range of seal options are available.

The 'FSB' and 'FNS' coupler sleeves have a nickel plated steel core that is used to stabilize and strengthen the outer Silicone (FSB) or Nylon (FNS) bumpers. This nickel plated steel core is used for all couplers in this series but does not affect corrosion resistance for the 303SS or 316SS coupler models.

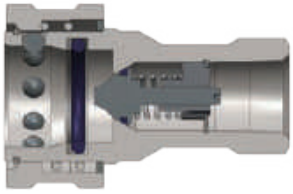
H-Series Steel Mill Slide Gate Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	4HF4-HV	½ - 14 NPTF	Steel	0.30	5	25	58.98

Price Group: PC
AP03



Female Thread



H-Series Steel Mill Slide Gate Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	H4F4-HV	½ - 14 NPTF	Steel	0.13	5	25	32.88

Price Group: PC
AP03

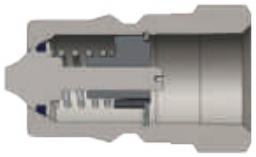
H-Series Nipples

Size (inch)	Part No.	Thread Size NPTF (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	D-H4F4-SV-8	½ - 14	Steel	0.39	5	25	31.60
½	D-H4F4-S	½ - 14	303 SS	0.39	5	25	61.17
½	D-H4F4-SS	½ - 14	316 SS	0.40	5	25	70.03

Price Group: PC
AP03



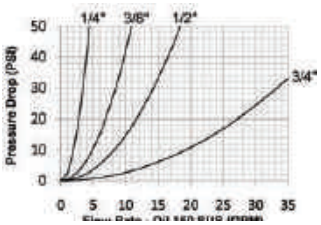
Female Thread

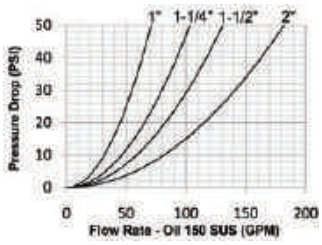


• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 274

K-Series ISO7241 Series A





Materials:	• Machined components are manufactured using solid steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are hardened to provide heavy duty performance and resist brinnelling.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C. • Couplers have a PTFE Anti-Extrusion ring. • Valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurized connection.
Interchange Data:	• Interchangeable to ISO7241 Series A • Parker 6600-Series, Aeroquip/Eaton FD56 (5600) • Faster ANV, Hansen HA15000, Safeway S56-Series, Ryco 80, 81, 82, 85 & 86 Series.
Standards:	• K-Series couplers and nipples are compliant with the parameters outlined in ISO7241 Series A.

G

Size (inch)	Steel Coupler / Plug			
	Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar
¼	5000	345	18270	1200
⅜	4000	275	18270	1200
½	4000	275	16500	1100
¾	4000	275	14800	1000
1	4000	275	12400	850
1¼	3000	200	12600	850
1½	3000	200	12600	850
2	1450	100	5800	400

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	-	-	ISO7241-A	B93.113M-A	6	0.6cc	0.3cc	26.5	11
⅜	-	-	ISO7241-A	B93.113M-A	9	2.6cc	1.8cc	26.5	26
½	-	-	ISO7241-A	B93.113M-A	9	3.8cc	2.9cc	26.5	45
¾	-	-	ISO7241-A	B93.113M-A	12	10.8cc	9.7cc	26.5	106
1	-	-	ISO7241-A	B93.113M-A	15	15.9cc	15.3cc	26.5	190
1¼	-	-	ISO7241-A	B93.113M-A	16	31.7cc	29.1cc	26.5	265
1½	-	-	ISO7241-A	B93.113M-A	16	56.4cc	52.2cc	26.5	341
2	-	-	ISO7241-A	B93.113M-A	15	N/A	N/A	26.5	454

K-Series Interchange					
Size (inch)	Parker	Aeroquip	Faster	Hansen	Safeway
¼	Series 6600	FD56 (5600)	ANV	HA 15000	S56-Series
⅜	Series 6600	FD56 (5600)	ANV	HA 15000	S56-Series
½	Series 6600	FD56 (5600)	ANV	HA 15000	S56-Series
¾	Series 6600	FD56 (5600)	ANV	HA 15000	S56-Series
1	Series 6600	FD56 (5600)	ANV	HA 15000	S56-Series
1¼	-	-	ANV	HA 15000	S56-Series
1½	-	-	ANV	HA 15000	S56-Series
2	-	-	ANV	HA 15000	S56-Series

• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

K-Series Interchange - Hermaphrodite Dust Plugs & Caps

Size (inch)	Part No.	Body Material	Pkg Qty		Price $ (ea)
			Bag	Box	
¼	2KDP-K2DC	Nitrile	10	50	5.69
⅜	3KDP-K3DC	Nitrile	10	50	9.15
¾	6KDP-K6DC	Nitrile	5	25	9.18
1	8KDP-K8DC	Nitrile	5	25	8.07



Price Group: PC

AP06

K-Series Interchange - Colour Coded Dust Plugs

Size (inch)	Part No.	Colour	Body Material	Pkg Qty		Price $ (ea)
				Bag	Box	
½	4KDP	Black	Nitrile	10	50	7.04
½	4K-R-DP	Red	Nitrile	10	50	10.50
½	4K-O-DP	Orange	Nitrile	10	50	11.87
½	4K-Y-DP	Yellow	Nitrile	10	50	11.87
½	4K-G-DP	Green	Nitrile	10	50	11.87
½	4K-B-DP	Blue	Nitrile	10	50	14.07



Price Group: PC

AP06

K-Series Interchange - Colour Coded Dust Caps

Size (inch)	Part No.	Colour	Body Material	Pkg Qty		Price $ (ea)
				Bag	Box	
½	K4DC	Black	Nitrile	10	50	16.52
½	K4-R-DC	Red	Nitrile	10	50	15.98
½	K4-O-DC	Orange	Nitrile	10	50	11.87
½	K4-Y-DC	Yellow	Nitrile	10	50	11.87
½	K4-G-DC	Green	Nitrile	10	50	11.87
½	K4-B-DC	Blue	Nitrile	10	50	11.87



Price Group: PC

AP06

K-Series Interchange - Coupler Seal Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kit Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	25	200	2.22
⅜	3K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	25	200	3.38
½	4K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	25	200	3.68
¾	6K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	25	200	4.00
1	8K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	25	200	4.36
1¼	10K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	10	50	12.13
1½	12K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	10	50	17.93
2	16K-SKIT	All	Nitrile	O-ring & PTFE Anti-Extrusion Ring	10	50	77.46

Price Group: PC

AP06

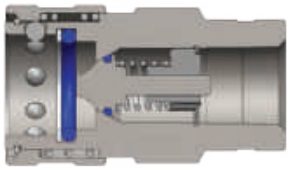
- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 276

K-Series Interchange - Couplers



Female Thread



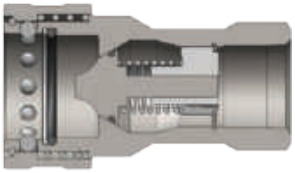
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2KF1	⅛ - 27 NPTF	Steel	0.12	10	50	25.02
¼	2KF2	¼ - 18 NPTF	Steel	0.12	10	50	20.50
¼	2KF2-SS	¼ - 18 NPTF	316 SS	0.09	10	50	195.20
¼	2KBF2	¼ - 19 BSPP	Steel	0.12	10	50	19.62
¼	2KBF2-SS	¼ - 19 BSPP	316 SS	0.08	10	50	166.10
¼	2KOF2	7/16 - 20 ORB	Steel	0.11	10	50	55.89
⅜	3KF3	⅜ - 18 NPTF	Steel	0.18	10	50	28.36
⅜	3KF3-SS	⅜ - 18 NPTF	316 SS	0.15	10	50	186.10
⅜	3KBF3	⅜ - 19 BSPP	Steel	0.18	10	50	31.16
⅜	3KBF3-SS	⅜ - 19 BSPP	316 SSl	0.15	10	50	209.60
⅜	3KOF3	9/16 - 18 ORB	Steel	0.18	10	50	25.11
½	4KF4	½ - 14 NPTF	Steel	0.30	5	25	31.73
½	4KF4-SS	½ - 14 NPTF	316 SS	0.25	5	25	205.70
½	4KBF4	½ - 14 BSPP	Steel	0.30	5	25	32.45
½	4KBF4-SS	½ - 14 BSPP	316 SS	0.25	5	25	205.70
½	4KOF4	¾ - 16 ORB	Steel	0.31	5	25	50.48
½	4KOF5	⅞ - 14 ORB	Steel	0.30	5	25	52.28
½	4KF6	¾ - 14 NPTF	Steel	0.32	5	25	43.87

Price Group: PC

AP06



Female Thread



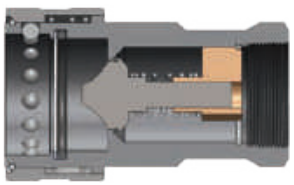
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	6KF6	¾ - 14 NPTF	Steel	0.86	-	10	66.05
¾	6KF6-SS	¾ - 14 NPTF	316 SS	0.45	-	10	304.00
¾	6KBF6	¾ - 14 BSPP	Steel	0.86	-	10	61.60
¾	6KBF6-SS	¾ - 14 BSPP	316 SS	0.46	-	10	304.00
¾	6KOF6	1 1/16 - 12 ORB	Steel	0.86	-	10	64.60
1	8KF8	1 - 11½ NPTF	Steel	0.97	-	10	74.98
1	8KBF8	1 - 11 BSPP	Steel	0.97	-	10	87.19
1	8KOF8	1 5/16 - 12 ORB	Steel	0.97	-	10	86.62

Price Group: PC

AP06



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1¼	10KF10	1¼ - 11½ NPT	Steel	1.33	-	10	204.54
1¼	10KBF10	1¼ - 11 BSPP	Steel	1.33	-	10	204.54
1½	12KF12	1½ - 11½ NPT	Steel	2.16	-	1	306.77
1½	12KBF12	1½ - 11 BSPP	Steel	2.17	-	1	306.77
2	16KF16	2 - 11½ NPT	Steel	3.85	-	1	490.99
2	16KBF16	2 - 11 BSPP	Steel	3.85	-	1	490.99

Price Group: PC

AP06

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

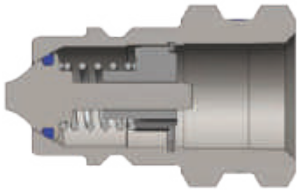
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 276

K-Series Interchange - Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	K2F1	⅛ - 27 NPTF	Steel	0.03	10	50	41.59
¼	K2F2	¼ - 18 NPTF	Steel	0.03	10	50	10.04
¼	K2F2-SS	¼ - 18 NPTF	316 SS	0.03	10	50	100.83
¼	K2BF2	¼ - 19 BSPP	Steel	0.03	10	50	10.05
¼	K2BF2-SS	¼ - 19 BSPP	316 SS	0.03	10	50	80.07
¼	K2OF2	7/16 - 20 ORB	Steel	0.03	10	50	109.06
⅜	K3F3	⅜ - 18 NPTF	Steel	0.05	10	50	15.03
⅜	K3F3-SS	⅜ - 18 NPTF	316 SS	0.06	10	50	105.73
⅜	K3BF3	⅜ - 19 BSPP	Steel	0.05	10	50	20.18
⅜	K3BF3-SS	⅜ - 19 BSPP	316 SS	0.06	10	50	112.79
⅜	K3OF3	9/16 - 18 ORB	Steel	0.06	10	50	44.94
⅜	K4F4-SS	9/16 - 18 ORB	316 SS	0.10	10	50	96.33
½	K4F4	½ - 14 NPTF	Steel	0.09	5	25	16.97
½	K4BF4	½ - 14 BSPP	Steel	0.09	5	25	17.56
½	K4BF4-SS	½ - 14 BSPP	316 SS	0.10	5	25	103.97
½	K4OF4	¾ - 16 ORB	Steel	0.10	5	25	31.72
½	K4OF5	⅞ - 14 ORB	Steel	0.09	5	25	34.07



Female Thread



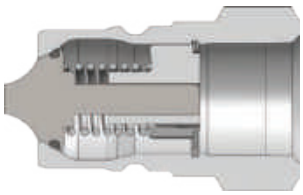
Price Group: PC

AP06

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	K6F6	¾ - 14 NPTF	Steel	0.22	-	10	29.91
¾	K6F6-SS	¾ - 14 NPTF	316 SS	0.22	-	10	119.51
¾	K6BF6	¾ - 14 BSPP	Steel	0.22	-	10	33.28
¾	K6BF6-SS	¾ - 14 BSPP	316 SS	0.20	-	10	129.15
¾	K6OF6	1 1/16 - 12 ORB	Steel	0.21	-	10	50.93
1	K8F8	1 - 11½ NPTF	Steel	0.34	-	10	47.87
1	K8F8-SS	1 - 11½ NPTF	316 SS	0.32	-	10	229.89
1	K8BF8	1 - 11 BSPP	Steel	0.34	-	10	49.62
1	K8BF8-SS	1 - 11 BSPP	316 SS	0.31	-	10	229.97
1	K8OF8	1 5/16 - 12 ORB	Steel	0.33	-	10	76.05
1¼	K10F10	1¼ - 11½ NPT	Steel	0.57	-	10	102.57
1¼	K10BF10	1¼ - 11 BSPP	Steel	0.57	-	10	133.62
1½	K12F12	1½ - 11½ NPT	Steel	0.93	-	1	151.93
1½	K12BF12	1½ - 11 BSPP	Steel	0.93	-	1	151.93
2	K16F16	2 - 11½ NPT	Steel	1.65	-	1	265.86
2	K16BF16	2 - 11 BSPP	Steel	1.65	-	1	265.86



Female Thread

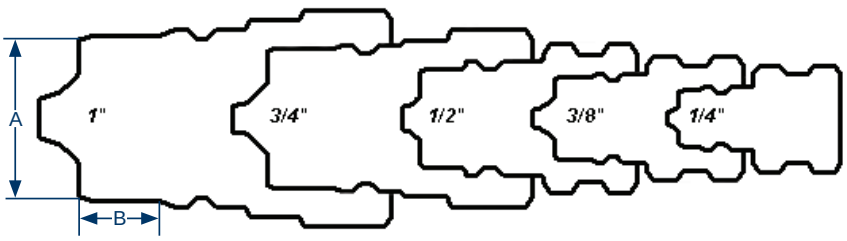


Price Group: PC

AP06

K-Series Profiles

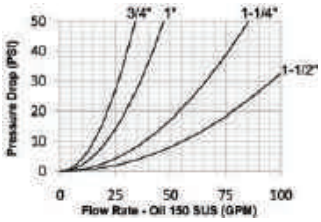
Body Size (inch)	A (mm)	B (mm)
1/4	7/16	1/4
3/8	11/16	3/8
1/2	13/16	3/8
3/4	1 1/8	5/8
1	1 3/8	13/16
1-1/4	1-11/16	1
1-1/2	2-1/16	1-3/16
2	2-7/16	1-5/16



• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 276

W-Series Wingstyle Interchange



Materials:	• Machined components are manufactured using solid steel and brass bar stock. • Stainless steel retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Rugged steel cast wing nut for threaded connect and disconnect operation. • For steel models, coupler valve sleeve and nipple valve are constructed of brass.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C. • ¾" & 1" couplings have a PTFE back-up ring on the valve sleeve to extend service life. • Main coupler valve has a bonded face-seal to improve seal integrity during pressurised connection / disconnection. • ¾" & 1½" nipple valve seal is bonded to the valve face to improve seal integrity and prolong service life. • External O-ring on plug indicates full connection and acts as a contamination shield in connected mode. • Redundant O-ring on the coupler body will engage nipple for secondary sealing support.
Interchange Data:	• Aeroquip 5100-Series, Parker 6100-Series • Snap-Tite 78-Series, Faster Series-FB, Safeway S51-Series

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

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Size (inch)	Coupler / Plug			
	Max Working		Coupled Burst	
	PSI	Bar	PSI	Bar
¾	3000	200	12300	850
1	3000	200	14100	1000
1¼	2750	190	8800	600
1½	2500	170	8800	600

Interchange Standards					Functional Parameters				
Size (inch)	US Miltary	US Government	International Standards	ANSI / NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 32 PSI
¾	-	-	-	-	Threaded	0.34cc	0.26cc	27.4	106
1	-	-	-	-	Threaded	0.50cc	0.35cc	27.4	151
1¼	-	-	-	-	Threaded	0.68cc	0.70cc	27.4	265
1½	-	-	-	-	Threaded	0.60cc	0.94cc	27.4	379

W Series Interchange				
Size (inch)	Parker	Aeroquip	Snap - Tite	Faster
¾	6100 Series	5100 Series	Series '78'	-
1	6100 Series	5100 Series	Series '78'	Series 'FB'
1¼	6100 Series	5100 Series	Series '78'	Series 'FB'
1½	6100 Series	5100 Series	Series '78'	Series 'FB'

W-Series Thread Together- Coupler Rigid Dust Plugs



Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2WDP	Steel Cable	Steel	0.06	10	50	38.40
⅜	3WDP	Steel Cable	Steel	0.09	10	50	42.90
¾	6WDP	Steel Cable	Steel	0.14	10	50	23.86
1	8WDP	Steel Cable	Steel	0.22	10	50	28.81
1¼	10WDP	Steel Cable	Steel	0.28	5	25	41.46
1½	12WDP	Steel Cable	Steel	0.54	5	25	60.31

Price Group: PC

AP05

W-Series Thread Together - Nipple Rigid Dust Caps



Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	W2DC	Steel Cable	Steel	0.06	10	50	38.30
⅜	W3DC	Steel Cable	Steel	0.07	10	50	35.50
¾	W6DC	Steel Cable	Steel	0.16	10	50	28.57
1	W8DC	Steel Cable	Steel	0.16	10	50	31.13
1¼	W10DC	Steel Cable	Steel	0.28	5	25	38.75
1½	W12DC	Steel Cable	Steel	0.47	5	25	39.16

Price Group: PC

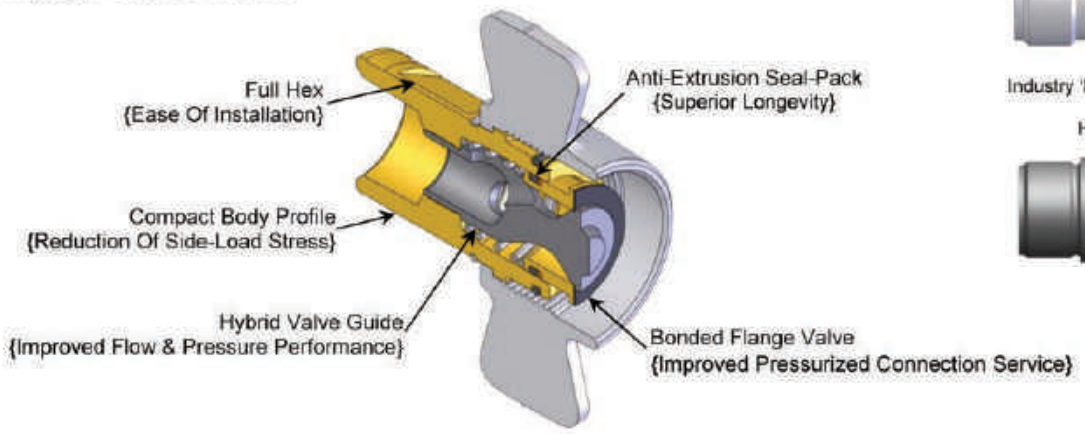
AP05

Although the wingstyle couplings are able to connect and disconnect while under pressure, it is recommended that hydraulic power supply be de-energised during connection to ensure operator safety. If it is not possible to de-energise the circuit , operators must be aware of their surroundings to ensure that an attachment or tool does not put them at risk, once hydraulic power is applied during the connection process.

W-Series couplings are not recommended for continuous hydraulic impulse applications at rated pressures.

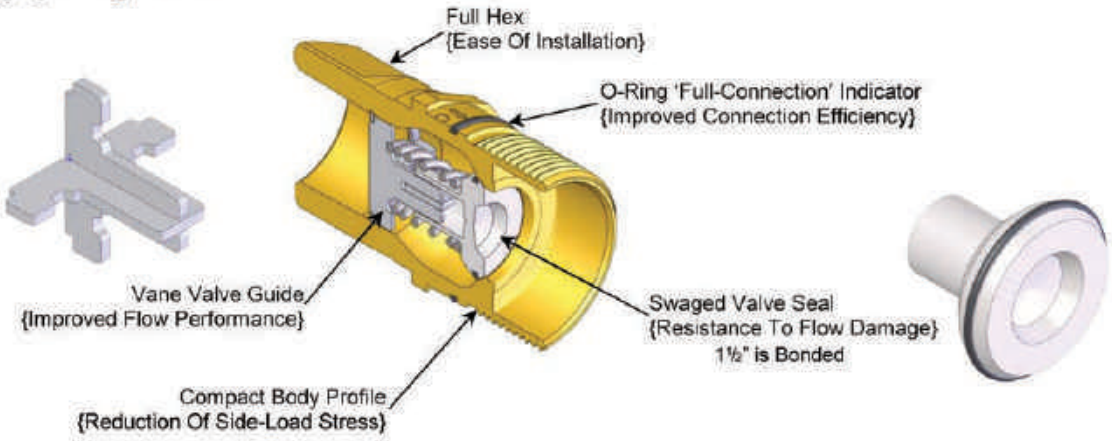
W-Series Hydraulic Couplings

Wingstyle Socket Features



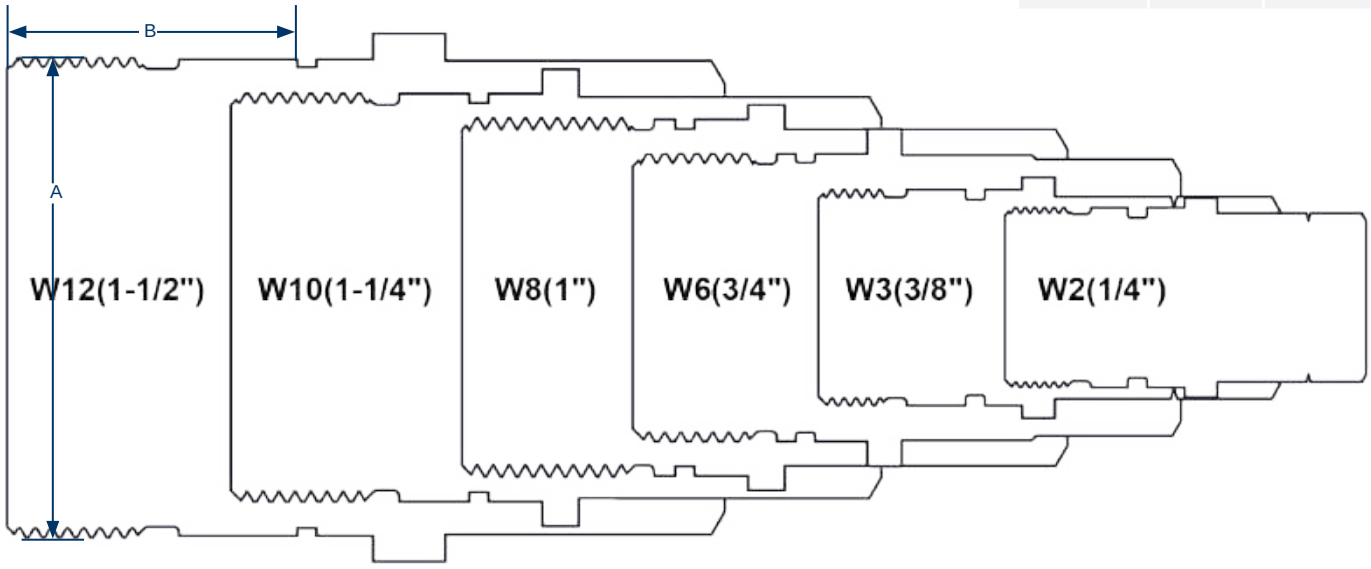


Wingstyle Plug Features



Body Size (inch)	A (mm)	B (mm)
¼	20.64	15.88
⅜	25.40	19.05
¾	24.93	20.64
1	44.45	28.58
1¼	50.80	31.75
1½	60.33	38.10

W-Series Profiles



W-Series Thread Together - Wingstyle Coupler Repair Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Repair Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	6W-RKIT-V2	All	Nitrile	Bonded Valve, O-rings & PTFE Backup	1	25	26.63
1	8W-RKIT-V2	All	Nitrile	Bonded Valve, O-rings & PTFE Backup	1	25	32.73
1¼	10W-RKIT-V2	All	Nitrile	Bonded Valve, O-rings & PTFE Backup	1	25	35.77
1½	12W-RKIT-V2	All	Nitrile	Bonded Valve, O-rings & PTFE Backup	1	25	56.51

Price Group: PC
AP05

W-Series Thread Together - Wingstyle Nipple Repair Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Repair Kits Contents	Bag Qty	Pkg Qty	Price $ (ea)
¾	W6-RKIT-V2	All	Nitrile	Valve Assembly & O-ring	1	25	11.10
1	W8-RKIT-V2	All	Nitrile	Valve Assembly & O-ring	1	25	20.50
1¼	W10-RKIT-V2	All	Nitrile	Valve Assembly & O-ring	1	25	25.30
1½	W12-RKIT-V2	All	Nitrile	Valve Assembly & O-ring	1	25	64.50

Price Group: PC
AP05

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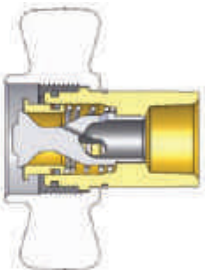
W-Series Thread Together - Wing Nut Couplers



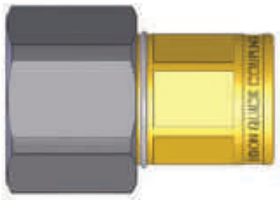
Female Thread



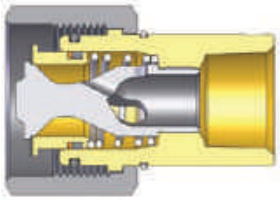
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	6WF4-B	½ - 14 NPTF	Brass	0.59	10	111.00
¾	6WBF4-B	½ - 14 BSPP	Brass	0.59	10	169.38
¾	6WF6-B	¾ - 14 NPTF	Brass	0.59	10	117.10
¾	6WBF6-B	¾ - 14 BSPP	Brass	0.59	10	133.03
1	8WF8-B	1 - 11½ NPTF	Brass	0.86	10	146.38
1	8WF8	1 - 11½ NPTF	Steel	0.86	10	149.00
1	8WBF8-B	1 - 11 BSPP	Brass	0.86	10	156.69
1¼	10WF10-B	1¼ - 11½ NPTF	Brass	1.25	5	187.62
1¼	10WBF10-B	1¼ - 11 BSPP	Brass	1.25	5	195.97
1½	12WF12-B	1½ - 11½ NPTF	Brass	1.60	5	237.36
1½	12WBF12-B	1½ - 11 BSPP	Brass	1.60	5	572.49

Price Group: PC
AP05

W-Series Thread Together - Hex Nut Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	6WF4-B-HN	½ - 14 NPTF	Brass	0.48	10	107.49
¾	6WBF4-B-HN	½ - 14 BSPP	Brass	0.49	10	128.40
¾	6WF6-B-HN	¾ - 14 NPTF	Brass	0.48	10	166.13
¾	6WBF6-B-HN	¾ - 14 BSPP	Brass	0.49	10	115.54
1	8WF8-B-HN	1 - 11½ NPTF	Brass	0.74	10	169.43
1	8WBF8-B-HN	1 - 11 BSPP	Brass	0.74	10	157.06
1¼	10WF10-B-HN	1¼ - 11½ NPTF	Brass	1.12	5	192.17
1¼	10WBF10-B-HN	1¼ - 11 BSPP	Brass	1.12	5	227.63
1½	12WF12-B-HN	1½ - 11½ NPTF	Brass	1.43	5	316.31
1½	12WBF12-B-HN	1½ - 11 BSPP	Brass	1.43	5	340.33

Price Group: PC
AP05

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 280

W-Series Thread Together - Nipples

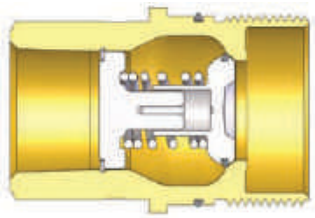
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	W6F4-B	½ - 14 NPTF	Brass	0.37	10	93.60
¾	W6BF4-B	½ - 14 BSPP	Brass	0.37	10	124.80
¾	W6F6-B	¾ - 14 NPTF	Brass	0.34	10	89.20
¾	W6BF6-B	¾ - 14 BSPP	Brass	0.34	10	103.23
1	W8F8-B	1 - 11½ NPTF	Brass	0.59	10	99.97
1	W8F8	1 - 11½ NPTF	Steel	0.59	10	93.61
1	W8BF8-B	1 - 11 BSPP	Brass	0.59	10	98.93
1¼	W10F10-B	1¼ - 11½ NPTF	Brass	0.75	5	144.03
1¼	W10BF10-B	1¼ - 11 BSPP	Brass	0.75	5	134.00
1½	W12F12-B	1½ - 11½ NPTF	Brass	1.18	5	180.45
1½	W12BF12-B	1½ - 11 BSPP	Brass	1.18	5	269.59

Price Group: PC

AP05



Female Thread



W-Series Thread Together - Nipples with Flanges

Size (inch)	Part No.	Thread Size BSPP (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	W6BF4-B-BMF	½	Brass	0.04	5	79.91
¾	W6BF6-B-BMF	¾	Brass	0.38	5	76.91
1	W8BF8-B-BMF	1	Brass	0.62	5	83.08
1¼	W10BF10-B-BMF	1¼	Brass	0.88	5	121.53
1½	W12BF12-B-BMF	1½	Brass	1.53	5	205.32

Price Group: PC

AP05



Female Thread

W-Series - Mounting Flanges

Size (inch)	Part No.	Bolt Hole Size (inch)	Body Material	Weight (kg)	Bag Qty	Pkg Qty	Price $ (ea)
¾	W6-BMF	¼	Steel	0.03	5	50	9.82
1	W8-BMF	¼	Steel	0.03	5	50	15.82
1½	W12-BMF	⅜	Steel	0.34	5	50	5.69

Price Group: PC

AP05

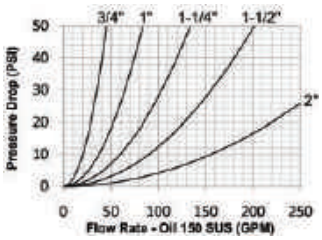


Although the wingstyle couplings are able to connect and disconnect while under pressure, it is recommended that hydraulic power supply be de-energized during connection to ensure operator safety. If it is not possible to de-energize the circuit, operators must be aware of their surroundings to ensure that an attachment or tool does not put them at risk, once hydraulic power is applied during the connection process.
W-Series couplings are not recommended for continuous hydraulic impulse applications at rated pressures.

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 280

WS-Series High Pressure Wingstyle Interchange



Materials:	• Machined components are manufactured using solid steel or 316 stainless steel bar stock. • Stainless steel retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Rugged high-strength steel shell-cast wing nut for threaded connect and disconnect operation. • 316 stainless steel nipple connection-threads are coated to prevent galling during connection / disconnection. • 1¼" & 1½" 316 stainless steel couplers have a hex-nut connection sleeve.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C. • PTFE anti-extrusion ring protects main coupling O-ring from dynamic impulse pressure damage. • Main valve seal is housed to improve seal integrity during pressurised connection / disconnection. • Blow-Out Prevention (BOP) couplings contain fire service grade FKM seals - coupling has been fire tested and Lloyd's certified to 700°C in accordance with API 16D (Certificate #NAO 0601041/1).
Interchange Data:	• High pressure wingstyle interchange • Snap-Tite 75-Series, Hydraulics Inc. Series-5TV

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Size (inch)	Steel Coupler / Plug				316 Stainless Steel Coupler / Plug			
	Max Working		Coupled Burst		Max Working		Coupled Burst	
	PSI	bar	PSI	bar	PSI	bar	PSI	bar
¾	5,000	345	32,800	2,200	3,000	200	20,000	1,400
1	5,000	345	25,100	1,700	3,000	200	20,000	1,400
1¼	5,000	345	15,000	1,000	3,000	200	15,000	1,000
1½	5,000	345	19,300	1,300	3,000	200	15,000	1,000
2	5,000	345	15,000	1,000	3,000	200	15,000	1,000

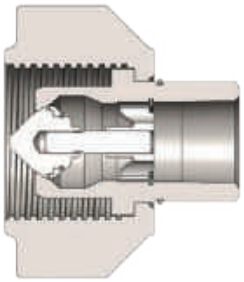
Interchange Standards					Functional Parameters				
Size (inch)	US Miltary	US Government	International Standards	ANSI / NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 30 PSI
¾	-	-	-	-	Threaded	10cc	10cc	27.4	132
1	-	-	-	-	Threaded	23cc	15cc	27.4	246
1¼	-	-	-	-	Threaded	50cc	30cc	27.4	397
1½	-	-	-	-	Threaded	100cc	60cc	27.4	605
2	-	-	-	-	Threaded	200cc	135cc	27.4	1022

WS-Series High Pressure - Wingstyle Interchange Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	6WSF6	¾ - 14 NPTF	Steel	0.82	5	196.82
¾	6WSF6-SS	¾ - 14 NPTF	316 SS	0.82	5	755.86
¾	6WSBF6	¾ - 14 BSPP	Steel	0.82	5	198.04
¾	6WSBF6-SS	¾ - 14 BSPP	316 SS	0.82	5	745.64
¾	6WSOF6	1 1/16 - 12 ORB	Steel	0.81	5	215.65
1	8WSF8	1 - 11½ NPTF	Steel	1.50	5	245.00
1	8WSF8-SS	1 - 11½ NPTF	316 SS	1.50	5	1032.15
1	8WSBF8	1 - 11 BSPP	Steel	1.50	5	290.01
1	8WSBF8-SS	1 - 11 BSPP	316 SS	1.50	5	1019.86
1	8WSOF8	1 5/16 - 12 ORB	Steel	1.48	5	259.28
1¼	10WSF10	1¼ - 11½ NPTF	Steel	2.59	1	355.19
1¼	10WSF10-SS	1¼ - 11½ NPTF	316 SS	2.59	1	1161.46
1¼	10WSBF10	1¼ - 11 BSPP	Steel	2.59	1	442.77
1¼	10WSBF10-SS	1¼ - 11 BSPP	316 SS	2.59	1	1196.59
1¼	10WSOF10	1⅝ - 12 ORB	Steel	2.57	1	393.28
1½	12WSF12	1½ - 11½ NPTF	Steel	4.04	1	489.64
1½	12WSF12-SS	1½ - 11½ NPTF	316 SS	4.04	1	1964.00
1½	12WSBF12	1½ - 11 BSPP	Steel	4.04	1	871.44
1½	12WSBF12-SS	1½ - 11 BSPP	316 SS	4.04	1	2212.64
1½	12WSOF12	1⅞ - 12 ORB	Steel	4.02	1	667.46
2	16WSF16	2 - 11½ NPTF	Steel	7.76	1	923.72
2	16WSF16-SS	2 - 11½ NPTF	316 SS	7.76	1	2228.56
2	16WSBF16	2 - 11 BSPP	Steel	7.76	1	1199.98
2	16WSBF16-SS	2 - 11 BSPP	316 SS	7.76	1	2478.66
2	16WSOF16	2 - 12 ORB	Steel	7.70	1	1199.23



Female Thread



Price Group: PC

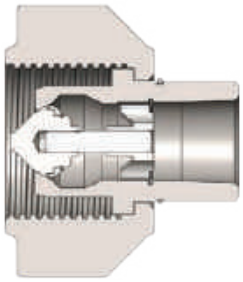
AP13

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 284

WS-Series Blowout Prevention Safety Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	6WSF4-BOP	½ - 14 NPTF	Steel	0.84	5	268.95
¾	6WSF6-BOP	¾ - 14 NPTF	Steel	0.82	5	220.61
¾	6WSF6-SS-BOP	¾ - 14 NPTF	316 SS	0.82	5	860.93
¾	6WSBF6-BOP	¾ - 14 BSPP	Steel	0.82	5	207.99
1	8WSF8-BOP	1 - 11½ NPTF	Steel	1.50	5	272.85
1	8WSF8-SS-BOP	1 - 11½ NPTF	316 SS	1.50	5	1090.57
1¼	10WSF10-BOP	1¼ - 11½ NPTF	Steel	2.59	1	389.92
1¼	10WSF10-SS-BOP	1¼ - 11½ NPTF	316 SS	2.59	1	1213.35
1¼	10WSBF10-BOP	1¼ - 11 BSPP	Steel	2.59	1	448.85
1½	12WSF12-BOP	1½ - 11½ NPTF	Steel	4.04	1	549.76
1½	12WSF12-SS-BOP	1½ - 11½ NPTF	316 SS	4.04	1	2021.66
1½	12WSBF12-BOP	1½ - 11 BSPP	Steel	4.04	1	876.66
2	16WSF16-BOP	2 - 11½ NPTF	Steel	7.76	1	1153.47
2	16WSF16-SS-BOP	2 - 11½ NPTF	316 SS	7.76	1	2267.92
2	16WSBF16-BOP	2 - 11 BSPP	Steel	7.76	1	1243.57

Price Group: PC

AP13

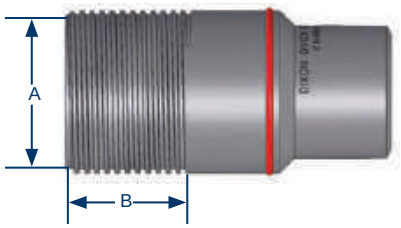


WS Coupler With View Port Example



WS Coupler With Wrench Flats Example
* Wrench flats may result in reduced pressure performance.

WS-BOP Series Profile



Body Size (inch)	A (mm)	B (mm)
¾	44.45	38.10
1	57.15	46.64
1¼	66.68	57.15
1½	82.55	66.68
2	101.60	88.90

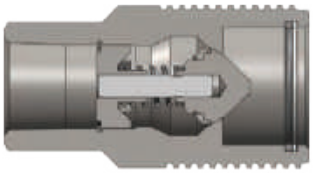
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 284

WS-Series High Pressure - Wingstyle Interchange Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	WS6F4	½ - 14 NPTF	Steel	0.56	5	165.18
¾	WS6F6	¾ - 14 NPTF	Steel	0.54	5	128.88
¾	WS6F6-SS	¾ - 14 NPTF	316 SS	0.54	5	543.43
¾	WS6BF6	¾ - 14 BSPP	Steel	0.54	5	154.22
¾	WS6BF6-SS	¾ - 14 BSPP	316 SS	0.54	5	542.73
¾	WS6OF6	1 1/16 - 12 ORB	Steel	0.53	5	154.96
1	WS8F8	1 - 11½ NPTF	Steel	1.13	5	176.67
1	WS8F8-SS	1 - 11½ NPTF	316 SS	1.13	5	874.93
1	WS8BF8	1 - 11 BSPP	Steel	1.13	5	173.49
1	WS8BF8-SS	1 - 11 BSPP	316 SS	1.13	5	851.31
1	WS8OF8	1 5/16 - 12 ORB	Steel	1.11	5	173.49
1¼	WS10F10	1¼ - 11½ NPTF	Steel	1.86	1	295.22
1¼	WS10F10-SS	1¼ - 11½ NPTF	316 SS	1.86	1	912.60
1¼	WS10BF10	1¼ - 11 BSPP	Steel	1.86	1	477.39
1¼	WS10BF10-SS	1¼ - 11 BSPP	316 SS	1.86	1	1038.80
1¼	WS10OF10	1⅝ - 12 ORB	Steel	1.89	1	441.83
1½	WS12F12	1½ - 11½ NPTF	Steel	3.13	1	371.06
1½	WS12F12-SS	1½ - 11½ NPTF	316 SS	3.13	1	1403.03
1½	WS12BF12	1½ - 11 BSPP	Steel	3.13	1	621.05
1½	WS12BF12-SS	1½ - 11 BSPP	316 SS	3.13	1	1558.40
1½	WS12OF12	1⅞ - 12 ORB	Steel	3.11	1	589.55
2	WS16F16	2 - 11½ NPTF	Steel	5.67	1	1078.94
2	WS16F16-SS	2 - 11½ NPTF	316 SS	5.67	1	1809.53
2	WS16BF16	2 - 11 BSPP	Steel	5.67	1	1178.70
2	WS16BF16-SS	2 - 11 BSPP	316 SS	5.67	1	1885.65
2	WS16OF16	2 - 12 ORB	Steel	5.64	1	1236.41



Female Thread



Price Group: PC

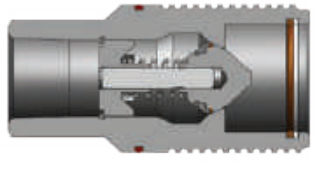
AP13

WS-Series Blowout Prevention Safety Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty	Price $ (ea)
¾	WS6F4-BOP	½ - 14 NPTF	Steel	0.56	5	194.59
¾	WS6F6-BOP	¾ - 14 NPTF	Steel	0.54	5	143.74
¾	WS6F6-SS-BOP	¾ - 14 NPTF	316 SS	0.54	5	561.98
¾	WS6BF6-BOP	¾ - 14 BSPP	Steel	0.54	5	163.37
1	WS8F8-BOP	1 - 11½ NPTF	Steel	1.13	5	182.55
1	WS8F8-SS-BOP	1 - 11½ NPTF	316 SS	1.13	5	892.31
1¼	WS10F10-BOP	1¼ - 11½ NPTF	Steel	1.80	1	318.71
1¼	WS10F10-SS-BOP	1¼ - 11½ NPTF	316 SS	1.80	1	1089.13
1¼	WS10BF10-BOP	1¼ - 11 BSPP	Steel	1.80	1	490.72
1½	WS12F12-BOP	1½ - 11½ NPTF	Steel	3.13	1	418.70
1½	WS12F12-SS-BOP	1½ - 11½ NPTF	316 SS	3.13	1	1430.61
1½	WS12BF12-BOP	1½ - 11 BSPP	Steel	3.13	1	624.98
2	WS16F16-BOP	2 - 11½ NPTF	Steel	5.67	1	1148.16
2	WS16F16-SS-BOP	2 - 11½ NPTF	316 SS	5.67	1	1864.00
2	WS16BF16-BOP	2 - 11 BSPP	Steel	5.67	1	1189.99



Female Thread



Price Group: PC

AP13

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 284

High Pressure Wingstyle Code 62 Flange Head Coupler



Part No.	Body Size (inch)	Port Size (inch)	Price $ (ea)
6WSFH6	¾	¾	492.30
8WSFH8	1	1	563.00
10WSFH10	1¼	1¼	751.90
12WSFH12	1½	1½	1064.00
16WSFH16	2	2	1610.70

Price Group: PC

High Pressure Wingstyle Code 62 Flange Head Plug

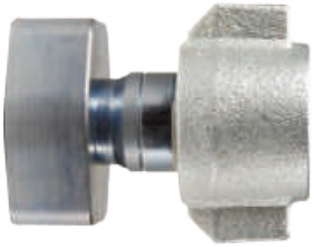


Part No.	Body Size (inch)	Port Size (inch)	Price $ (ea)
WS6FH6	¾	¾	430.90
WS8FH8	1	1	506.70
WS10FH10	1¼	1¼	806.50
WS12FH12	1½	1½	1018.60
WS16FH16	2	2	1682.50

Price Group: PC

G

High Pressure Wingstyle Code 62 Flange Pad Coupler



Part No.	Body Size (inch)	Port Size (inch)	Price $ (ea)
6WSFP6	¾	¾	738.40
8WSFP8	1	1	824.90
10WSFP10	1¼	1¼	1075.40
12WSFP12	1½	1½	1466.80
16WSFP16	2	2	2115.70

Price Group: PC

High Pressure Wingstyle Code 62 Flange Pad Plug



Part No.	Body Size (inch)	Port Size (inch)	Price $ (ea)
WS6FP6	¾	¾	670.40
WS8FP8	1	1	761.10
WS10FP10	1¼	1¼	1134.30
WS12FP12	1½	1½	1426.90
WS16FP16	2	2	2166.00

Price Group: PC

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 284

WS-Series Coupler Rigid Dust Plugs

Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	6WSDP-A	Steel Cable	Aluminium	0.14	5	25	42.15
1	8WSDP-A	Steel Cable	Aluminium	0.22	-	10	68.23
1¼	10WSDP-A	Steel Cable	Aluminium	0.27	-	10	79.16
1½	12WSDP-A	Steel Cable	Aluminium	0.39	-	5	106.09
2	16WSDP-A	Steel Cable	Aluminium	0.47	-	5	356.64



Price Group: PC

AP13

WS-Series Nipple Rigid Dust Caps

Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	WS6DC-A	Steel Cable	Aluminium	0.14	5	25	60.33
1	WS8DC-A	Steel Cable	Aluminium	0.22	-	10	56.97
1¼	WS10DC-A	Steel Cable	Aluminium	0.27	-	10	119.20
1½	WS12DC-A	Steel Cable	Aluminium	0.39	-	10	151.57
2	WS16DC-A	Steel Cable	Aluminium	0.47	-	5	137.87



Price Group: PC

AP13

WS-Series High Pressure - Wingstyle Interchange Coupler Seal Kits

Kit Contents: • Body / valve seats and retaining rings

Size (inch)	Part No.	Coupler Style	Seal Material	Bag Qty	Box Qty	Price $ (ea)
¾	6WS-SKIT	All	Nitrile	25	200	7.22
1½	12WS-SKIT	All	Nitrile	25	100	12.12
2	16WS-SKIT	All	Nitrile	25	100	20.73



Price Group: PC

AP13

WS-Series BOP - Wingstyle Interchange Coupler Seal Kits

Kit Contents: • Body / valve seats and retaining rings

Size (inch)	Part No.	Coupler Style	Seal Material	Bag Qty	Pkg Qty	Price $ (ea)
¾	6BOP-SKIT	All	FR FKM	25	200	17.92
1	8BOP-SKIT	All	FR FKM	25	200	14.37
1¼	10BOP-SKIT	All	FR FKM	25	100	35.20
1½	12BOP-SKIT	All	FR FKM	25	100	42.56
2	16BOP-SKIT	All	FR FKM	25	100	69.42



Price Group: PC

AP13

WS-Series High Pressure - Wingstyle Interchange Coupler Repair Kits

Kit Contents: • Valve assembly, O-ring & PTFE BU

Size (inch)	Part No.	Coupler Style	Seal Material	Bag Qty	Pkg Qty	Price $ (ea)
¾	6WS-RKIT	All	Nitrile	1	25	76.72
1	8WS-RKIT	All	Nitrile	1	25	87.99
1¼	10WS-RKIT	All	Nitrile	1	25	117.25
1½	12WS-RKIT	All	Nitrile	1	25	147.10
2	16WS-RKIT	All	Nitrile	1	25	194.51



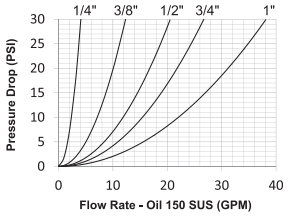
Price Group: PC

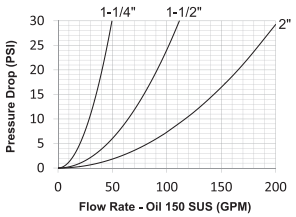
AP13

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 284

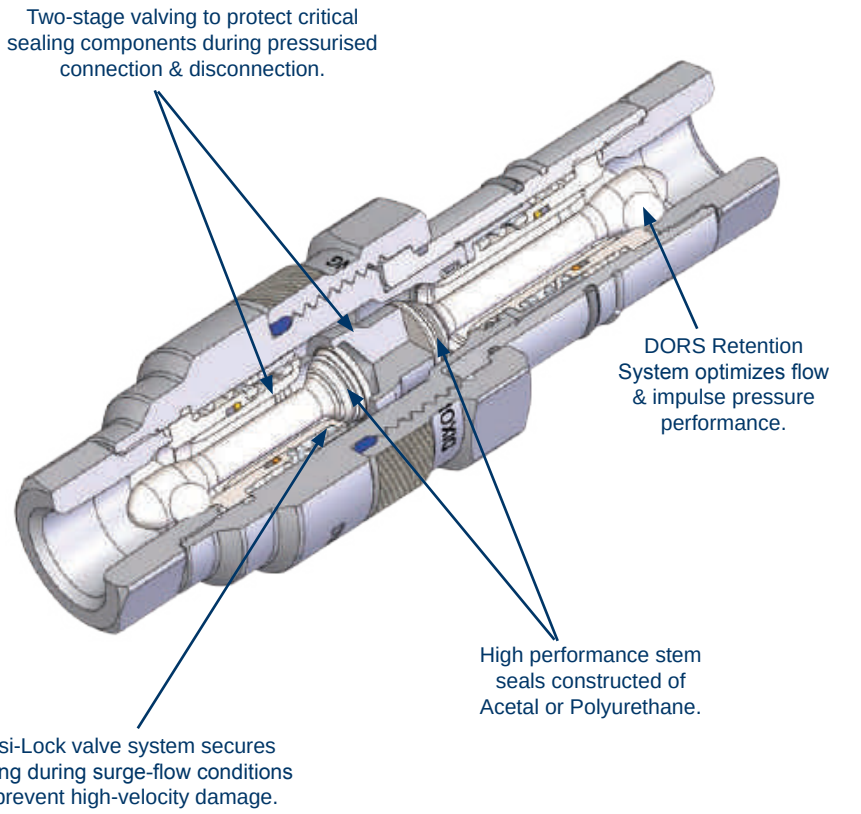
VEP-Series Interchange







Materials:	• Machined components are manufactured using solid steel bar stock. • Stainless steel retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome.
Seal Components:	• Nipples have Nitrile-Energised PTFE valve seals, with a temperature range of -40°C to 121°C. • ⅜" nipples have moulded Polyurethane valve seals, with a temperature range of -54°C to 100°C. • ¼" to ¾" valve stems have moulded Acetal seals, with a temperature range of -54°C to 100°C. • 1" to 2" valve stems have moulded Polyurethane seals, with a temperature range of -54°C to 100°C. • Ancillary coupler and nipple seals are Nitrile (Buna-N), with a temperature range of -40°C to 121°C. • TPC-ET Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage.
Interchange Data:	• Interchangeable with Stucchi VEP-P/VEP-HD Series, DNP PST4/FSI Series, Voswinkel FT Series and Parker FET-Series.



Size (inch)	Pressure Rating				Burst Pressure						Max Pressure Connect [3]		Max Pressure Disconnect [3]		Flow (Lpm) ΔP= 21.75PSI
	ISO Working [1]		Max Impulse [2]		Connected		Coupler		Plug						
	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	PSI	bar	
¼	6,000	400	9,000	620	24,000	1,650	22,000	1,520	22,000	1,520	5,500	3,800	5,500	3,800	13
⅜	5,500	380	8,000	550	22,000	1,520	18,000	1,240	20,000	1,380	4,500	3,100	4,500	3,100	40
½	5,500	380	8,000	550	22,000	1,520	18,000	1,240	20,000	1,380	4,500	3,100	4,500	3,100	66
¾	5,500	380	8,000	550	22,000	1,520	18,000	1,240	20,000	1,380	4,500	3,100	4,500	3,100	85
1	5,500	380	7,500	520	22,000	1,520	14,500	1,000	20,000	1,380	3,625	2,500	3,625	2,500	123
1¼	5,000	350	7,000	480	20,000	1,380	14,500	1,000	16,000	1,100	3,625	2,500	3,625	2,500	174
1½	4,500	310	5,800	400	18,000	1,240	12,000	830	14,500	1,000	3,000	2,100	3,000	2,100	360
2	4,000	280	5,000	350	18,000	1,240	12,000	830	14,500	1,000	3,000	2,100	3,000	2,100	653

[1] Couplings impulse tested in accordance with ISO7241-2 for 1,000,000 cycles connected and 100,000 cycles disconnected at 133% of ISO Working Pressure.
[2] Couplings impulse tested in accordance with ISO7241-2 for 100,000 cycles connected and disconnected at Maximum Impulse pressure listed.
[3] System temperature for Maximum Connect/Disconnect Pressure must not exceed 65°C.

How to Connect & Disconnect the VEP-Series Coupling

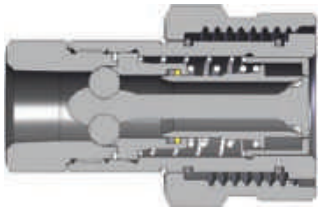
1. Prior to connecting, thoroughly clean all mating surfaces and threads on both halves, then pull the coupler sleeve forward.
2. To initiate the connection, align the coupler and plug, pushing/turning the coupler sleeve towards the plug while engaging the threads. Keep the mating halves aligned during the connection process.
3. Allow the threads to pull the coupler onto the plug, do not push the coupler onto the plug.
4. The first phase of the connection should be threaded by hand, without the use of tools. Please note the connection sleeve may seize when dirt and debris accumulate in the threads - wipe away debris with a cloth, compressed air, or a brush.
5. The second phase of the connection may require a wrench if the pressure is higher than anticipated.
6. Continue to thread the coupler sleeve onto the plug until the end of the sleeve meets the plug body.
7. To disconnect, use a wrench to break the coupler sleeve free and keep the mating halves aligned during the disconnection process.

VEP-Series Interchange Couplers

Size (inch)	Part No.	Thread Size (inch)	Hex (mm)	Weight (kg)	Pkg Qty	Price $ (ea)
¼	2VEPF2	¼ - 18 NPTF	22	0.22	20	155.03
¼	2VEPBF2	¼ - 19 BSPP	22	0.22	20	166.09
¼	2VEPOF3	9/16 - 18 ORB	22	0.22	20	180.72
⅜	3VEPF3	⅜ - 18 NPTF	25	0.29	20	150.67
⅜	3VEPBF3	⅜ - 19 BSPP	25	0.29	20	152.06
⅜	3VEPOF4	¾ - 16 ORB	25	0.30	20	169.26
⅜	3VEPF4	½ - 14 NPTF	28	0.30	20	151.93
⅜	3VEPBF4	½ - 14 BSPP	28	0.30	20	152.06
½	4VEPF4	½ - 14 NPTF	30	0.62	15	158.08
½	4VEPBF4	½ - 14 BSPP	30	0.62	15	184.91
½	4VEPOF4	¾ - 16 ORB	30	0.63	15	183.72
½	4VEPOF5	⅞ - 14 ORB	32	0.65	15	190.49
½	4VEPF6	¾ - 14 NPTF	38	0.71	15	165.96
½	4VEPBF6	¾ - 14 BSPP	38	0.71	15	176.97
½	4VEPOF6	1 1/16 - 12 ORB	38	0.72	15	167.30
¾	6VEPF6	¾ - 14 NPTF	38	0.77	1	233.92
¾	6VEPBF6	¾ - 14 BSPP	38	0.77	1	276.70
¾	6VEPOF6	1 1/16 - 12 ORB	38	0.77	1	246.40
1	8VEPF8	1 - 11½ NPTF	44	1.10	1	222.57
1	8VEPBF8	1 - 11 BSPP	44	1.10	1	240.34
1	8VEPOF8	1 5/16 - 12 ORB	44	1.10	1	234.33
1¼	10VEPF10	1¼ - 11½ NPTF	55	1.71	1	323.02
1¼	10VEPBF10	1¼ - 11 BSPP	55	1.71	1	335.74
1¼	10VEPOF10	1⅝ - 12 ORB	55	1.71	1	340.91
1½	12VEPF12	1½ - 11½ NPTF	63	4.13	1	999.39
1½	12VEPBF12	1½ - 11 BSPP	63	4.13	1	1067.26
1½	12VEPOF12	1⅞ - 12 ORB	63	4.13	1	1065.58
2	16VEPF16	2 - 11½ NPTF	89	15.22	1	3985.83
2	16VEPBF16	2 - 11 BSPP	89	15.22	1	3993.46
2	16VEPOF16	2 - 12 ORB	89	15.22	1	3994.53



Female Thread

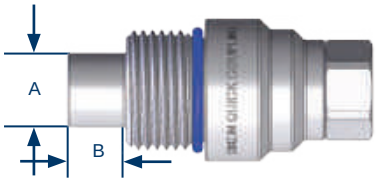


Price Group: PC

AP16

VEP-Series Profile

Body Size (inch)	A (mm)	B (mm)
1/4	15.88	12.70
3/8	19.84	17.46
1/2	24.61	19.05
3/4	26.99	19.05
1	30.16	23.81
1-1/4	36.51	25.40
1-1/2	57.15	31.75
2	87.31	61.91

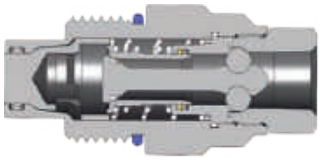


FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 290

VEP-Series Interchange Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Hex (mm)	Weight (kg)	Pkg Qty	Price $ (ea)
¼	VEP2F2	¼ - 18 NPTF	22	0.24	20	160.18
¼	VEP2BF2	¼ - 19 BSPP	22	0.24	20	152.06
¼	VEP2OF3	9/16 - 18 ORB	22	0.24	20	182.08
⅜	VEP3F3	⅜ - 18 NPTF	25	0.34	20	144.75
⅜	VEP3BF3	⅜ - 19 BSPP	25	0.34	20	152.06
⅜	VEP3OF4	¾ - 16 ORB	25	0.35	20	172.48
⅜	VEP3F4	½ - 14 NPTF	28	0.35	20	155.15
⅜	VEP3BF4	½ - 14 BSPP	28	0.35	20	152.06
½	VEP4F4	½ - 14 NPTF	30	0.59	10	189.94
½	VEP4BF4	½ - 14 BSPP	30	0.59	10	201.33
½	VEP4OF4	¾ - 16 ORB	30	0.59	10	208.83
½	VEP4OF5	⅞ - 14 ORB	32	0.61	10	206.97
½	VEP4F6	¾ - 14 NPTF	38	0.67	10	191.08
½	VEP4BF6	¾ - 14 BSPP	38	0.67	10	201.33
½	VEP4OF6	1 1/16 - 12 ORB	38	0.68	10	192.42
¾	VEP6F6	¾ - 14 NPTF	38	0.83	1	211.85
¾	VEP6BF6	¾ - 14 BSPP	38	0.83	1	231.37
¾	VEP6OF6	1 1/16 - 12 ORB	38	0.83	1	228.90
1	VEP8F8	1 - 11½ NPTF	44	1.20	1	251.97
1	VEP8BF8	1 - 11 BSPP	44	1.20	1	242.38
1	VEP8OF8	1 5/16 - 12 ORB	44	1.20	1	259.40
1¼	VEP10F10	1¼ - 11½ NPTF	55	1.44	1	373.57
1¼	VEP10BF10	1¼ - 11 BSPP	55	1.44	1	372.85
1¼	VEP10OF10	1⅝ - 12 ORB	55	1.44	1	371.06
1½	VEP12F12	1½ - 11½ NPTF	63	4.09	1	1082.51
1½	VEP12BF12	1½ - 11 BSPP	63	4.09	1	1137.35
1½	VEP12OF12	1⅞ - 12 ORB	63	4.09	1	1045.71
2	VEP16F16	2 - 11½ NPTF	89	12.86	1	3036.97
2	VEP16BF16	2 - 11 BSPP	89	12.86	1	3018.80
2	VEP16OF16	2 - 12 ORB	89	12.86	1	3076.80

Price Group: PC

AP16

VEP-Series Rigid Dust Plugs



Size (inch)	Part No.	Weight (kg)	Pkg Qty		Price $ (ea)
			Bag	Box	
¼	2VEPDP-A	0.03	5	50	48.28
⅜	3VEPDP-A	0.06	5	50	44.17
½	4VEPDP-A	0.06	5	25	52.38
¾	6VEPDP-A	0.09	5	25	57.76
1	8VEPDP-A	0.14	-	10	52.38
1¼	10VEPDP-A	0.17	-	10	53.63
1½	12VEPDP-A	0.45	-	5	118.07
2	16VEPDP-A	1.72	-	1	231.57

Price Group: PC

AP16

VEP-Series Rigid Dust Caps



Size (inch)	Part No.	Weight (kg)	Pkg Qty		Price $ (ea)
			Bag	Box	
¼	VEP2DC-A	0.03	5	50	52.38
⅜	VEP3DC-A	0.06	5	50	44.17
½	VEP4DC-A	0.07	5	50	47.01
¾	VEP6DC-A	0.11	5	25	54.73
1	VEP8DC-A	0.17	-	10	65.74
1¼	VEP10DC-A	0.28	-	10	71.67
1½	VEP12DC-A	0.68	-	5	126.28
2	VEP16DC-A	1.81	-	1	330.57

Price Group: PC

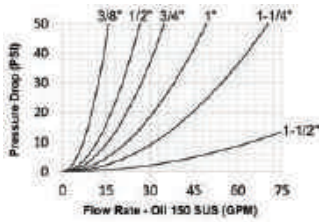
AP16

VEP Series dust caps and plugs are aluminium with a stainless steel bead chain.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 290

VEP-BOP Series Hydraulic Couplings

Materials:	• Machined components are manufactured using solid steel bar stock. • Stainless steel retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry are plated using ROHS Compliant Zinc Nickel • Red powder coated components and external O-rings for easy BOP service identification.
Seal Components:	• Blow-out Prevention (BOP) coupling critical seals are severe service FKM • PTFE Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage
Interchange Data:	• Stucchi VEP/VEP-HD Series, DNP FSI-BOP Series



- **BOP couplings have been fire tested and Lloyd's certified to 700°C in accordance with API 16D. Certificate available upon request.**
- Use VEP dust caps and dust plugs found on page 292

Lloyd's Test Pressure	
Size (inch)	**PSI**
⅜	5,000
½	5,000
¾	5,000
1"	5,000
1¼	5,000
1½	5,000

Rated Pressure Chart VEP-BOP Series Interchange																
Size (inch)	**Pressure Rating**				**Burst Pressue**						**Max. Pressure Connect**		**Max. Pressure Disconnect**		**Rated Flow ΔP=21.75PSI**	
	ISO Working		**Max. Impulse**		**Connected**		**Coupler**		**Plug**							
	PSI	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**	**PSI**	**MPa**
⅜	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	10.5	40
½	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	17.5	66
¾	5,500	38	8,000	55	22,000	152	18,000	124	20,000	138	4,500	31	4,500	31	22.7	85
1	5,500	38	7,500	52	22,000	152	14,500	100	20,000	138	3,625	25	3,625	25	32.5	123
1¼	5,000	35	7,000	48	20,000	138	14,500	100	16,000	110	3,625	25	3,625	25	46.4	174
1½	5,000	31	5,800	40	18,000	124	12,000	83	14,500	100	3,000	21	3,000	21	95.0	360

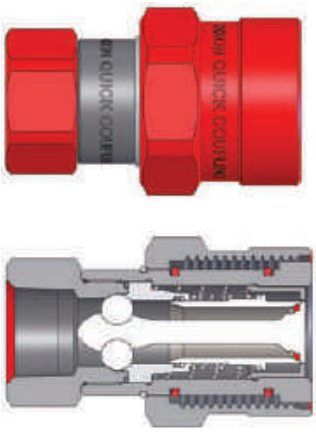
• Contact Dixon™ for availability of other end configurations

VEP-BOP Series Profile

Body Size (inch)	A (mm)	B (mm)
⅜	19.84	17.46
½	24.61	19.05
¾	26.99	19.05
1	30.16	23.81
1¼	36.51	25.40
1½	57.15	31.75



VEP-BOP Series Hydraulic Couplers



VEP-BOP Series Blowout Prevention Safety Coupler (Female Threads)												
Size (inch)	Part Detail			Length		Maximum OD		Hex mm	Weight Kgs	Package Qty		Price $ (ea)
	Part No.	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
⅜	3VEPF3-BOP	⅜" - 18 NPTF	Steel	2.55	64.8	1.62	41.1	25	0.28	-	20	155.20
½	4VEPF4-BOP	½" - 14 NPTF	Steel	3.08	78.2	1.98	50.3	30	0.62	-	15	171.37
¾	6VEPF6-BOP	¾" - 14 NPTF	Steel	3.37	85.6	2.19	55.6	38	0.77	-	1	236.77
1	8VEPF8-BOP	1" - 11 1/2 NPTF	Steel	3.89	98.8	2.46	62.5	44	1.11	-	1	235.78
1¼	10VEPF10-BOP	1¼" - 11 1/2 NPTF	Steel	4.40	111.8	2.70	68.6	55	1.71	-	1	318.88
1½	12VEPF12-BOP	1½" - 11 1/2 NPTF	Steel	5.28	134.1	3.74	95.0	63	4.13	-	1	964.34

Price Group: PC

AP16

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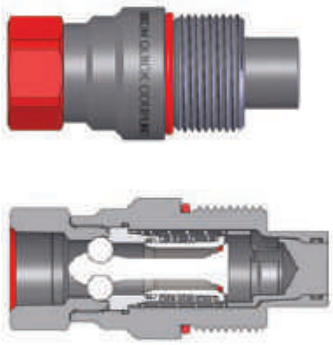
VEP-BOP Series Hydraulic Nipples



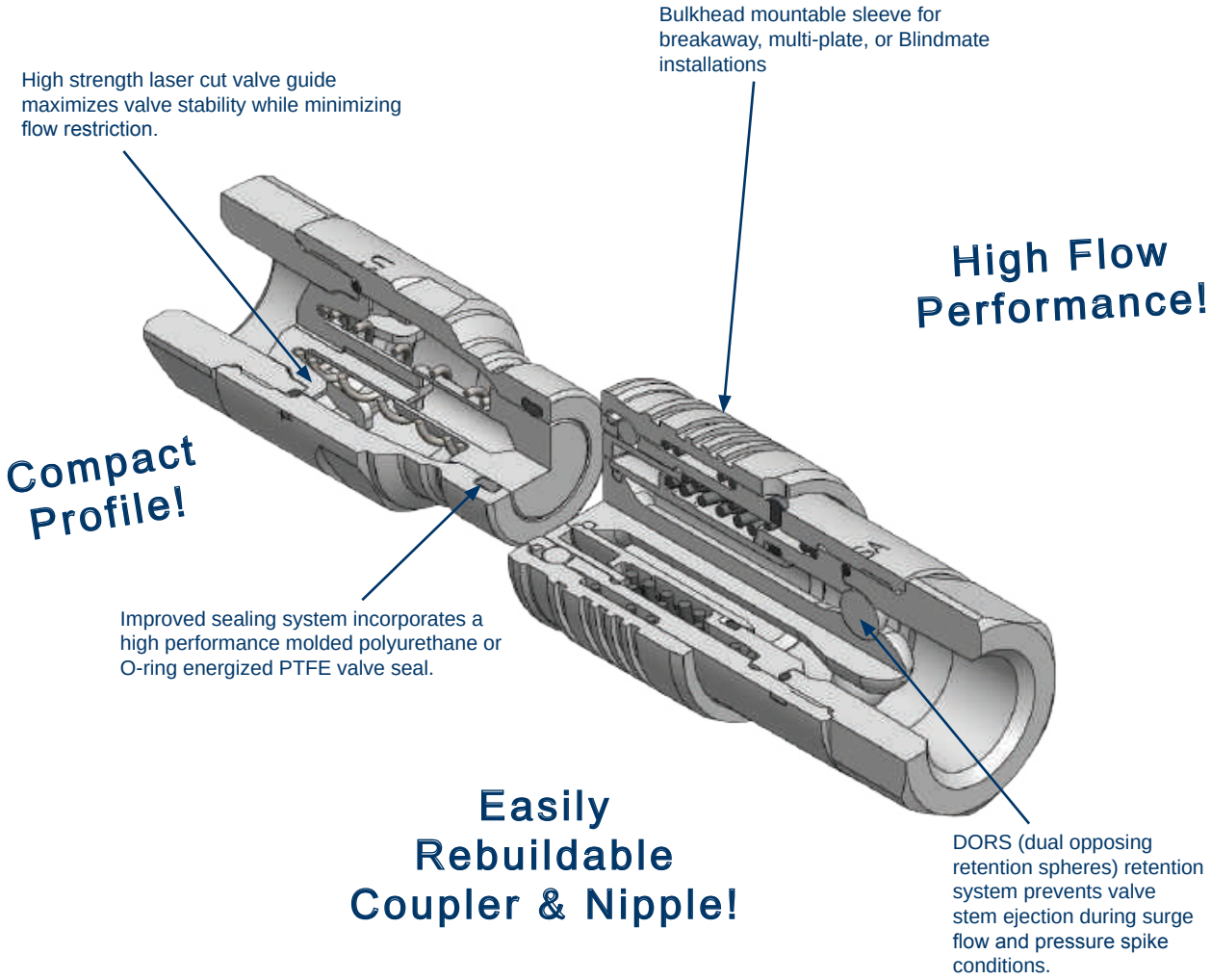
VEP-BOP Series Blowout Prevention Safety Nipple (Female Threads)												
Size (inch)	Part Detail			Length		Maximum OD		Hex mm	Weight Kgs	Package Qty		Price $ (ea)
	Part No.	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
⅜	VEP3F3-BOP	⅜" - 18 NPTF	Steel	3.28	83.3	1.48	37.6	25	0.35	-	20	215.70
½	VEP4F4-BOP	½" - 14 NPTF	Steel	3.87	98.3	1.86	47.2	30	0.59	-	10	242.30
¾	VEP6F6-BOP	¾" - 14 NPTF	Steel	4.12	104.6	1.98	50.3	38	0.84	-	1	272.70
1	VEP8F8-BOP	1" - 11 1/2 NPTF	Steel	4.95	125.7	2.20	55.9	44	1.20	-	1	324.40
1¼	VEP10F10-BOP	1¼" - 11 1/2 NPTF	Steel	5.43	137.9	2.73	69.3	55	1.44	-	1	515.90
1½	VEP12F12-BOP	1½" - 11 1/2 NPTF	Steel	6.63	164.4	3.74	95.0	63	4.10	-	1	1372.90

Price Group: PC

AP16

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 297

HT-Series ISO16028 Flushface Interchange



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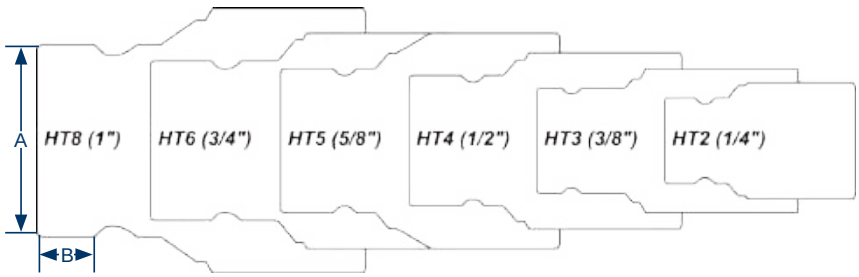
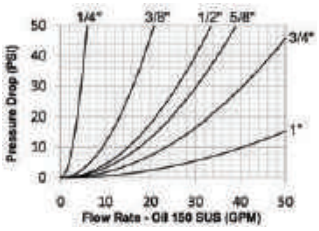
Using the Profile Layover to Select Proper Size

Body Size (inch)	A (mm)	B (mm)
¼	15.88	6.35
⅜	19.05	4.76
½	23.81	9.53
⅝	26.99	11.11
¾	30.16	11.11
1	35.72	11.11



FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

HT-Series ISO16028 Flushface Interchange



Materials:	• Machined components are manufactured using solid steel or 316 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are hardened to provide resistance to brinneling during impulse service.
Seal Components:	• ⅜", ½" and ¾" nipples have moulded Polyurethane valve seals, with a temperature range of -54°C to 100°C. • ¼", ⅝" and 1" to 2" nipples have Nitrile-Energised PTFE valve seals, with a temperature range of -40°C to 121°C. • Couplers have a Polyurethane valve stem O-ring, with a temperature range of -54°C to 100°C. • Ancillary coupler and nipple seals are Nitrile (Buna-N), with a temperature range of -40°C to 121°C. • PTFE or TPC-ET Anti-Extrusion ring protects main coupling valve seal from dynamic impulse pressure damage.
Interchange Data:	• Interchangeable to ISO16028 • Parker FEM-Series, Snap-Tite 74-Series, Hansen FF, Aeroquip/Eaton FD89, Stucchi FIRG/Series A, Faster FFN/FFI/2FFN/2FFI, Safeway FF49-Series, Ryco R110 Series
Standards:	• HT-Series Flushface couplings are fully compliant with the parameters outlined in ISO16028.

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Size (inch)	00Steel Coupler / Plug Coupled				316SS Coupler / Plug Coupled				Steel Coupler Uncoupled				Steel Plug Uncoupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	5000	345	20,000	1,379	-	-	-	-	5000	345	20,000	1379	5000	345	20,000	1.379
⅜	5000	345	20,000	1,379	3500	241	17,500	1,207	5000	345	20,000	1379	5000	345	20,000	1.379
½	5000	345	20,000	1,379	3400	234	17,000	1,172	5000	345	20,000	1379	5000	345	20,000	1.379
⅝	5000	345	20,000	1,379	2920	201	14,600	1,007	5000	345	20,000	1379	5000	345	20,000	1.379
¾	5000	345	20,000	1,379	2920	201	14,600	1,007	5000	345	20,000	1379	5000	345	20,000	1.379
1	5000	345	20,000	1,379	2920	201	14,600	1,007	5000	345	20,000	1379	5000	345	20,000	1.379
1 ½	3000	207	12,000	828	-	-	-	-	3000	207	12,000	828	3000	207	12,000	828
2	3000	207	12,000	828	-	-	-	-	3000	207	12,000	828	3000	207	12,000	828

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 15 PSI
¼	-	-	ISO16028	-	12	n/a	0.010cc	N/R	3.2 GPM
⅜	-	-	ISO16028	T3.20.15	12	n/a	0.010cc	N/R	11 GPM
½	-	*	ISO16028	*	12	n/a	0.010cc	N/R	18 GPM
⅝	-	*	ISO16028	*	12	n/a	0.020cc	N/R	21 GPM
¾	-	*	ISO16028	*	12	n/a	0.030cc	N/R	28 GPM
1	-	*	ISO16028	*	12	n/a	0.030cc	N/R	50 GPM
1 ½	-	-	-	-	18	n/a	0.050cc	N/R	140 GPM
2	-	-	-	-	20	n/a	0.070cc	N/R	225 GPM

* These particular sizes are not outlined within the documented standard category.

HT-Series Interchange						
Size (inch)	Parker	Snap Tite	Faster	Holmbury	Stucchi	Eaton / Aeroquip
⅜	FF Series	74 Series	FN/2FFN/2FFI	Series A	FIRG Series A	FD89
½	FE Series	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89
⅝	FE Series	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89
¾	FE Series	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89
1	-	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89
1½	-	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89
2	-	74 Series	FFI/2FFI/3FFI	Series A	FIRG Series A	FD89

• NPTF & ORB thread styles also available
• A complete range of seal options are available.

HT-Series Coupler Dust Plugs

Size (inch)	Part No.	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
				Bag	Box	
¼	2HTDP	Nitrile	0.022	5	5	27.68
½	4HTDP	Nitrile	0.027	5	5	7.28
⅝	5HTDP	Nitrile	0.031	5	5	5.09
¾	6HTDP	Nitrile	0.031	5	5	10.32
1	8HTDP	Nitrile	0.068	5	5	11.57

Price Group: PC



NOTE: Fits Dixon™ couplers only

HT-Series Nipple Dust Caps

Size (inch)	Part No.	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
				Bag	Box	
¼	HT2DC	Nitrile	0.018	5	5	27.59
⅜	HT3DC	Nitrile	0.018	5	5	9.25
½	HT4DC	Nitrile	0.018	5	5	10.04
⅝	HT5DC	Nitrile	0.027	5	5	5.75
¾	HT6DC	Nitrile	0.027	5	5	28.89
1	HT8DC	Nitrile	0.045	5	5	19.41



NOTE: Fits all ISO16028 nipples

Price Group: PC

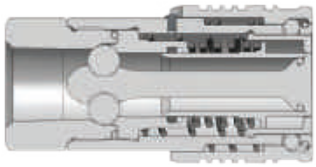
HT-Series Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2HTF2	¼ - 18 NPTF	Steel	0.10	-	25	139.59
¼	2HTBF2	¼ - 19 BSPP	Steel	0.10	-	25	143.07
⅜	3HTF3	⅜ - 18 NPTF	Steel	0.20	-	25	63.21
⅜	3HTF3-SS	⅜ - 18 NPTF	316 SS	0.20	-	25	381.12
⅜	3HTBF3	⅜ - 19 BSPP	Steel	0.20	-	25	103.70
⅜	3HTBF3-SS	⅜ - 19 BSPP	316 SS	0.20	-	25	338.96
⅜	3HTOF3	9⁄16 - 18 ORB	Steel	0.22	-	25	123.93
⅜	3HTF4	½ - 14 NPTF	Steel	0.22	-	25	95.96
⅜	3HTF4-SS	½ - 14 NPTF	316 SS	0.22	-	25	387.45
⅜	3HTBF4	½ - 14 BSPP	Steel	0.22	-	25	105.18
⅜	3HTBF4-SS	½ - 14 BSPP	316 SS	0.22	-	25	400.31
⅜	3HTOF4	¾ - 16 ORB	Steel	0.24	-	25	113.81
½	4HTF4	½ - 14 NPTF	Steel	0.39	-	20	136.87
½	4HTF4-SS	½ - 14 NPTF	316 SS	0.39	-	20	489.36
½	4HTBF4	½ - 14 BSPP	Steel	0.39	-	20	120.94
½	4HTBF4-SS	½ - 14 BSPP	316 SS	0.39	-	20	389.36
½	4HTOF4	¾ - 16 ORB	Steel	0.39	-	20	140.49
½	4HTOF5	⅞ - 14 ORB	Steel	0.41	-	20	136.05
½	4HTF6	¾ - 14 NPTF	Steel	0.44	-	20	121.58
½	4HTF6-SS	¾ - 14 NPTF	316 SS	0.44	-	20	489.32
½	4HTBF6	¾ - 14 BSPP	Steel	0.44	-	20	133.80
½	4HTBF6-SS	¾ - 14 BSPP	316 SS	0.44	-	20	513.87
½	4HTOF6	1 1⁄16 - 12 ORB	Steel	0.43	-	20	126.82
⅝	5HTOF5	⅞ - 14 ORB	Steel	0.72	-	10	250.43
⅝	5HTF6	¾ - 14 NPTF	Steel	0.68	-	10	213.30
⅝	5HTF6-SS	¾ - 14 NPTF	316 SS	0.68	-	10	563.80
⅝	5HTBF6	¾ - 14 BSPP	Steel	0.68	-	10	257.01
⅝	5HTBF6-SS	¾ - 14 BSPP	316 SS	0.68	-	10	533.31
⅝	5HTOF6	1 1⁄16 - 12 ORB	Steel	0.68	-	10	224.96
¾	6HTOF5	⅞ - 14 ORB	Steel	0.82	-	10	233.50
¾	6HTF6	¾ - 14 NPTF	Steel	0.82	-	10	181.52
¾	6HTF6-SS	¾ - 14 NPTF	316 SS	0.82	-	10	630.67
¾	6HTBF6	¾ - 14 BSPP	Steel	0.83	-	10	187.31
¾	6HTBF6-SS	¾ - 14 BSPP	316 SS	0.83	-	10	685.39
¾	6HTOF6	1 1⁄16 - 12 ORB	Steel	0.87	-	10	193.12
¾	6HTF8	1 - 11½ NPTF	Steel	0.93	-	10	188.18
¾	6HTF8-SS	1 - 11½ NPTF	316 SS	0.93	-	10	556.14
¾	6HTBF8	1 - 11 BSPP	Steel	0.93	-	10	196.88
¾	6HTBF8-SS	1 - 11 BSPP	316 SS	0.93	-	10	668.73
¾	6HTOF8	1 5⁄16 - 12 ORB	Steel	0.98	-	10	201.10
1	8HTF8	1 - 11½ NPTF	Steel	1.21	-	10	264.55
1	8HTF8-SS	1 - 11½ NPTF	316 SS	1.21	-	10	823.41
1	8HTBF8	1 - 11 BSPP	Steel	1.21	-	10	301.86
1	8HTBF8-SS	1 - 11 BSPP	316 SS	1.21	-	10	867.97
1	8HTOF8	1 5⁄16 - 12 ORB	Steel	1.21	-	10	316.22
1	8HTF10	1¼ - 11½ NPTF	Steel	1.25	-	10	284.23
1	8HTF10-SS	1¼ - 11½ NPTF	316 SS	1.25	-	10	815.66
1	8HTBF10	1¼ - 11 BSPP	Steel	1.25	-	10	296.33
1	8HTBF10-SS	1¼ - 11 BSPP	316 SS	1.25	-	10	829.50
1	8HTOF10	1⅝ - 12 ORB	Steel	1.29	-	10	305.82

Price Group: PC



Female Thread



- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

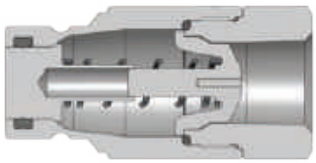
AP08

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

HT-Series Nipples



Female Thread



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Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	HT2F2	¼ - 18 NPTF	Steel	0.07	-	25	78.14
¼	HT2BF2	¼ - 19 BSPP	Steel	0.07	-	25	100.75
⅜	HT3F3	⅜ - 18 NPTF	Steel	0.12	-	25	41.62
⅜	HT3F3-SS	⅜ - 18 NPTF	316 SS	0.12	-	25	179.30
⅜	HT3BF3	⅜ - 19 BSPP	Steel	0.12	-	25	104.00
⅜	HT3BF3-SS	⅜ - 19 BSPP	316 SS	0.12	-	25	181.13
⅜	HT3OF3	9/16 - 18 ORB	Steel	0.15	-	25	78.73
⅜	HT3F4	½ - 14 NPTF	Steel	0.14	-	25	59.46
⅜	HT3F4-SS	½ - 14 NPTF	316 SS	0.14	-	25	185.39
⅜	HT3BF4	½ - 14 BSPP	Steel	0.14	-	25	46.89
⅜	HT3BF4-SS	½ - 14 BSPP	316 SS	0.14	-	25	196.99
⅜	HT3OF4	¾ - 16 ORB	Steel	0.16	-	25	70.83
½	HT4F4-SS	½ - 14 NPTF	316 SS	0.19	-	20	214.64
½	HT4BF4	½ - 14 BSPP	Steel	0.19	-	20	64.79
½	HT4BF4-SS	½ - 14 BSPP	316 SS	0.19	-	20	212.95
½	HT4OF4	¾ - 16 ORB	Steel	0.18	-	20	127.90
½	HT4OF5	⅞ - 14 ORB	Steel	0.19	-	20	82.59
½	HT4F6	¾ - 14 NPTF	Steel	0.24	-	20	77.64
½	HT4F6-SS	¾ - 14 NPTF	316 SS	0.24	-	20	221.81
½	HT4BF6	¾ - 14 BSPP	Steel	0.24	-	20	66.39
½	HT4BF6-SS	¾ - 14 BSPP	316 SS	0.24	-	20	230.87
½	HT4OF6	1 1/16 - 12 ORB	Steel	0.26	-	20	65.88
⅝	HT5OF5	⅞ - 14 ORB	Steel	0.41	-	10	154.92
⅝	HT5F6	¾ - 14 NPTF	Steel	0.43	-	10	117.79
⅝	HT5F6-SS	¾ - 14 NPTF	316 SS	0.43	-	10	274.20
⅝	HT5BF6	¾ - 14 BSPP	Steel	0.43	-	10	147.62
⅝	HT5BF6-SS	¾ - 14 BSPP	316 SS	0.43	-	10	305.92
⅝	HT5OF6	1 1/16 - 12 ORB	Steel	0.46	-	10	129.45
¾	HT6OF5	⅞ - 14 ORB	Steel	0.45	-	10	139.84
¾	HT6F6	¾ - 14 NPTF	Steel	0.45	-	10	100.28
¾	HT6F6-SS	¾ - 14 NPTF	316 SS	0.45	-	10	284.34
¾	HT6BF6	¾ - 14 BSPP	Steel	0.45	-	10	106.37
¾	HT6BF6-SS	¾ - 14 BSPP	316 SS	0.45	-	10	282.17
¾	HT6OF6	1 1/16 - 12 ORB	Steel	0.46	-	10	115.08
¾	HT6F8	1 - 11½ NPTF	Steel	0.52	-	10	123.37
¾	HT6F8-SS	1 - 11½ NPTF	316 SS	0.52	-	10	250.07
¾	HT6BF8	1 - 11 BSPP	Steel	0.52	-	10	105.37
¾	HT6BF8-SS	1 - 11 BSPP	316 SS	0.52	-	10	433.79
¾	HT6OF8	1 5/16 - 12 ORB	Steel	0.51	-	10	122.62
1	HT8F8	1 - 11½ NPTF	Steel	0.77	-	10	133.95
1	HT8F8-SS	1 - 11½ NPTF	316 SS	0.77	-	10	334.26
1	HT8BF8	1 - 11 BSPP	Steel	0.77	-	10	143.84
1	HT8BF8-SS	1 - 11 BSPP	316 SS	0.77	-	10	361.38
1	HT8OF8	1 5/16 - 12 ORB	Steel	0.75	-	10	184.41
1	HT8F10	1¼ - 11½ NPTF	Steel	0.83	-	10	184.55
1	HT8F10-SS	1¼ - 11½ NPTF	316 SS	0.83	-	10	326.51
1	HT8BF10	1¼ - 11 BSPP	Steel	0.83	-	10	177.78
1	HT8BF10-SS	1¼ - 11 BSPP	316 SS	0.83	-	10	337.72
1	HT8OF10	1⅝ - 12 ORB	Steel	0.87	-	10	201.34

Price Group: PC
AP08

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

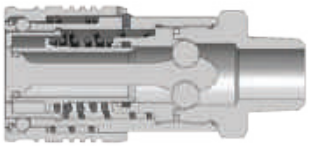
HT-Series Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3HTM3	⅜ - 18 NPTF	Steel	0.21	5	25	106.74
⅜	3HTM4	½ - 14 NPTF	Steel	0.22	5	25	110.86
½	4HTM4	½ - 14 NPTF	Steel	0.44	-	20	164.65

Price Group: PC
AP08



Male Thread



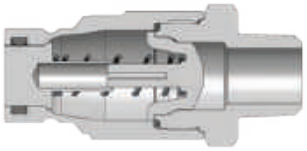
HT-Series Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	HT3M3	⅜ - 18 NPTF	Steel	0.21	5	25	61.55
⅜	HT3M4	½ - 14 NPTF	Steel	0.22	5	25	65.67
½	HT4M4	½ - 14 NPTF	Steel	0.44	-	20	114.23

Price Group: PC
AP08



Male Thread



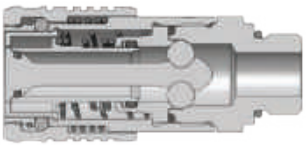
HT-Series Couplers - ORB

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3HTOM3	9/16 - 18 ORB	Steel	0.21	5	25	122.80
⅜	3HTOM4	¾ - 16 ORB	Steel	0.21	5	25	131.13

Price Group: PC
AP08



Male ORB Thread



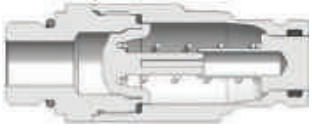
HT-Series Nipples - ORB

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	HT3OM3	9/16 - 18 ORB	Steel	0.21	5	25	89.39
⅜	HT3OM4	¾ - 16 ORB	Steel	0.21	5	25	92.87

Price Group: PC
AP08



Male ORB Thread



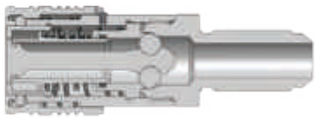
- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

HT-Series Couplers - Bulkhead



Male Bulkhead Thread



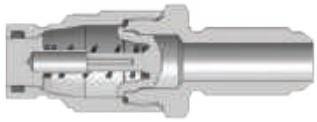
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	4HTJB5	⅞ - 14 JIC BH	Steel	0.49	-	20	162.33
½	4HTRB5	1 - 14 ORFS BH	Steel	0.50	-	20	173.40
½	4HTJB6	1⅛ - 12 JIC BH	Steel	0.55	-	20	276.33

Price Group: PC
AP08

HT-Series Nipples - Bulkhead



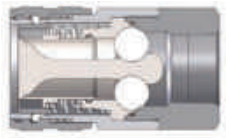
Male Bulkhead Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
½	HT4JB5	⅞ - 14 JIC BH	Steel	0.19	-	20	112.79
½	HT4RB5	1 - 14 ORFS BH	Steel	0.22	-	20	147.65
½	HT4JB6	1⅛ - 12 JIC BH	Steel	0.24	-	20	163.86

Price Group: PC
AP08

HT-Series Couplers



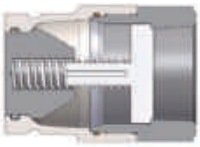
Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1½	12HTF12	1½" - 11½ NPT	Steel	4.1	-	1	967.22
1½	12HTBF12	1½ - 11 BSPP	Steel	4.1	-	1	962.78
1½	12HTOF12	1⅞" - 12 ORB	Steel	4.1	-	1	965.20
2	16HTF16	2" - 11½ NPTF	Steel	6.26	-	1	2074.22
2	16HTBF16	2" - 11 BSPP	Steel	6.26	-	1	2085.11
2	16HTOF16	2½" - 12 ORB	Steel	6.26	-	1	2087.17

Price Group: PC
AP08

HT-Series Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1½	HT12F12	1½" - 11½ NPT	Steel	1.6	-	1	412.45
1½	HT12BF12	1½ - 11 BSPP	Steel	1.6	-	1	307.15
1½	HT12OF12	1⅞" - 12 ORB	Steel	1.6	-	1	307.15
2	HT16F16	2" - 11½ NPTF	Steel	2.31	-	1	503.38
2	HT16BF16	2" - 11 BSPP	Steel	2.31	-	1	498.11
2	HT16OF16	2½" - 12 ORB	Steel	2.31	-	1	547.72

Price Group: PC
AP08

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

HT-Series Flushface Interchange Seal Kits

HT-Series Coupler Seal Kits							
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2HT-SKIT	All	Nitrile	Stem / Adaptor / Gland O-ring, Gland BU	25	200	10.28
⅝	5HT-SKIT	All	Nitrile	Stem / Adaptor / Gland O-ring, Gland BU	25	200	12.42

Price Group: PC
AP08

HT-Series Nipple Seal Kits							
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	HT2-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	15.93
⅜	HT3-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	7.21
½	HT4-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	8.41
⅝	HT5-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	23.72
¾	HT6-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	9.68
1	HT8-SKIT-V2	All	Nitrile	Main Valve Seal and Adaptor O-ring	25	200	26.92

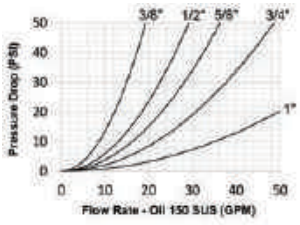
Price Group: PC
AP08

G

• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

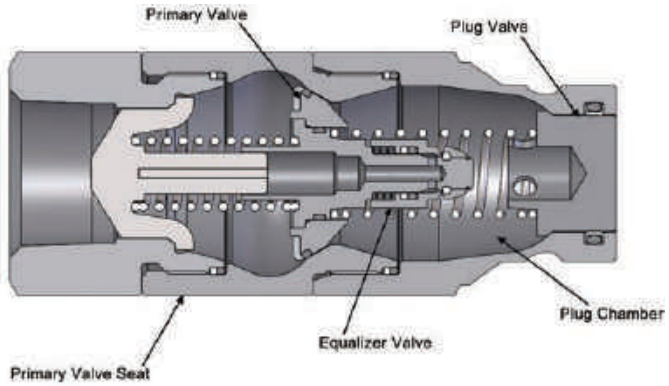
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 296

HTE-Series Hydraulic Couplings



Materials:	• Machined components are manufactured using solid steel bar stock. • Steel componentry is plated using a ROHS Compliant Zinc Nickel process providing superior corrosion resistance. • Stainless steel retaining rings and springs maximize corrosion resistance and extend service life. • Nipples are hardened to provide resistance to brinneling during impulse service.
Seal Components:	• ⅜", ½", and ¾" nipples have molded Polyurethane valve seals,with a temperature range of -54°C to 100°C. • ⅝" and 1" nipples have Nitrile-Energized PTFE valve seals, with a temperature range of -40°C to 121°C. • Ancillary nipple seals are Nitrile (Buna-N), temperature range of -40°C to 121°C.
Interchange Data:	• Parker FEC-Series, Stucchi APM-Series, Faster 3FFH-Series

Component Terminology



Benefits of the Equalizer valve system!

- Non-linear connection force at all pressures
- No maximum connection-pressure restrictions
- Head pressure or valve bleed-by has minimal effect on connection force
- Less susceptible to system contamination
- Design is scalable performing similarly in all sizes
- Smooth connection action

Rated Pressure Chart:

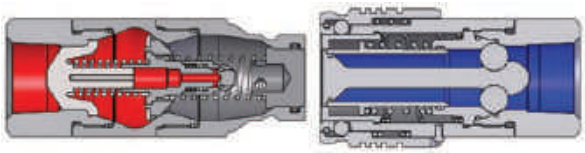
HTE-Series ISO16028 Connect Under Pressure Flushface Nipple												
Size (inch)	Steel HT Coupler / HTE Plug Coupled				HTE-Plug Uncoupled				Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow LPN
	Max. Working		Burst		Max. Working		Burst					
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar				
⅜	5000	345	20000	1380	5000	345	20000	1380	n/a	0.010cc	N/R	36
½	5000	345	20000	1380	5000	345	20000	1380	n/a	0.010cc	N/R	56
⅝	5000	345	20000	1380	5000	345	20000	1380	n/a	0.020cc	N/R	68
¾	5000	345	20000	1380	5000	345	20000	1380	n/a	0.030cc	N/R	91
1	5000	345	20000	1380	5000	345	20000	1380	n/a	0.030cc	N/R	166

HTE-Series Hydraulic Couplings

The Equalizer Connection Process

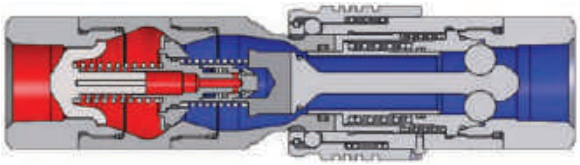
Stage 1: The Disconnected State

The plug has residual pressure trapped behind the primary valve, while the coupler has no trapped pressure.



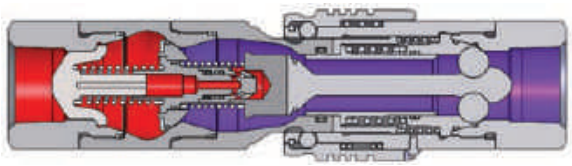
Stage 2: Plug Chamber Evacuated

The plug valve is opened, then the socket valve opens, evacuating the plug chamber to the unpressurized socket.



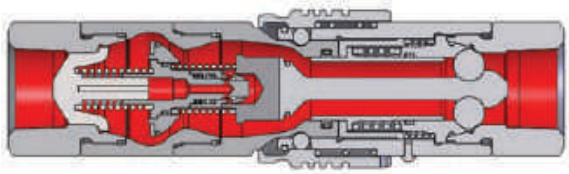
Stage 3: Release Pressure

The connection continues, with the Equalizer valve being activated, releasing the trapped pressure into the plug chamber, then to the unpressurized socket.



Stage 4: Complete the connection

The primary valve can now open easily, since there is no longer any pressure trapped behind it, allowing the socket to fully engage the plug.



FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 302

HTE-Series Hydraulic Couplings





HTE-Series ISO 16028 Connect Under Pressure Flush Face Nipple (Female Threads)												
Size (inch)	Part Detail			Length		Maximum OD		Hex mm	Weight Kgs	Package Qty		Price $ (ea)
	Part No.	Threads	Material	Inch	mm	Inch	mm			Bag	Box	
⅜	HTE3F4	½"-14 NPTF	Steel	3.25	82.6	1.30	33.0	1⅛"	0.43	-	10	177.44
⅜	HTE3BF4	½"-14 BSPP	Steel	3.25	82.6	1.30	33.0	1⅛"	0.43	-	10	186.22
⅜	HTE3OF4	¾"-16 ORB	Steel	3.25	82.6	1.30	33.0	1⅛"	0.43	-	10	202.02
½	HTE4F4	½"-14 NPTF	Steel	3.40	86.4	1.30	33.0	1-3/16"	0.49	-	10	181.69
½	HTE4BF4	½"-14 BSPP	Steel	3.40	86.4	1.30	33.0	1-3/16"	0.49	-	10	207.95
½	HTE4OF4	¾"-16 ORB	Steel	3.40	86.4	1.30	33.0	1-3/16"	0.49	-	10	204.83
½	HTE4OF5	⅞"-14 ORB	Steel	3.40	86.4	1.30	33.0	1½"	0.50	-	10	197.29
½	HTE4F6	¾"-14 NPTF	Steel	3.60	91.4	1.65	41.9	1½"	0.50	-	10	185.23
½	HTE4BF6	¾"-14 BPSS	Steel	3.60	91.4	1.65	41.9	1½"	0.50	-	10	184.16
½	HTE4OF6	1-1/16"-12 ORB	Steel	3.60	91.4	1.65	41.9	1½"	0.50	-	10	166.75
⅝	HTE5OF5	⅞"-14 ORB	Steel	3.75	95.3	1.65	41.9	1½"	0.70	-	10	367.02
⅝	HTE5F6	¾"-14 NPTF	Steel	3.75	95.3	1.65	41.9	1½"	0.70	-	10	331.02
⅝	HTE5BF6	¾"-14 BSPP	Steel	3.75	95.3	1.65	41.9	1½"	0.70	-	10	370.30
⅝	HTE5OF6	1-1/16"-12 ORB	Steel	3.75	95.3	1.65	41.9	1½"	0.80	-	10	343.28
¾	HTE6F6	¾"-14 NPTF	Steel	4.25	108.0	1.96	49.8	1½"	0.82	-	5	272.87
¾	HTE6BF6	¾"-14 BSPP	Steel	4.25	108.0	1.96	49.8	1½"	0.82	-	5	297.53
¾	HTE6OF6	1-1/16"-12 ORB	Steel	4.25	108.0	1.96	49.8	1½"	0.82	-	5	285.13
¾	HTE6F8	1"-11½ NPTF	Steel	4.40	111.8	1.96	49.8	1¾"	0.95	-	5	276.87
¾	HTE6BF8	1"-11 BSPP	Steel	4.40	111.8	1.96	49.8	1¾"	0.95	-	5	284.91
¾	HTE6OF8	1-5/16"-12 ORB	Steel	4.40	111.8	1.96	49.8	1¾"	0.95	-	5	291.38
1	HTE8F8	1"-11½ NPTF	Steel	4.88	124.0	1.96	49.8	1¾"	0.98	-	5	411.87
1	HTE8BF8	1"-11 BSPP	Steel	4.88	124.0	1.96	49.8	1¾"	0.98	-	5	369.66
1	HTE8OF8	1-5/16"-12 ORB	Steel	4.88	124.0	1.96	49.8	1¾"	0.98	-	5	418.90
1	HTE8F10	1¼"-11½ NPTF	Steel	5.00	127.0	2.47	62.7	2-3/16"	1.08	-	5	407.98
1	HTE8BF10	1¼"-11 BSPP	Steel	5.00	127.0	2.47	62.7	2-3/16"	1.08	-	5	432.72
1	HTE8OF10	1⅝"-12 ORB	Steel	5.00	127.0	2.47	62.7	2-3/16"	1.08	-	5	429.98

- For use with HT-Series Couplers

Price Group: PC

AP08

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 302

HTZ-Series Hydraulic Couplings



Materials:	• for use with HT or HTE series plugs • connectable with trapped pressure on HTE half only • connect under pressure up to 1500 PSI at 70°F (21°C) • pressure rating 5000 PSI at 70°F (21°C)

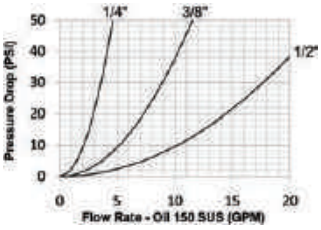
Body Size (inch)	Part No.	Threads	Price $ (ea)
½	4HTZF4	½"-14 NPTF	171.10
½	4HTZF6	¾"-14 NPTF	156.10
½	4HTZOF4	¾"-16 ORB	179.10
½	4HTZOF5	⅞"-14 ORB	171.40
½	4HTZOF6	1-1/16"-12 ORB	158.00

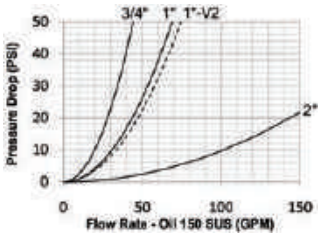
Price Group: PC

AP08

ST-Series Snap-Tite 71 Interchange

Materials:	• Machined components are manufactured using solid steel or 316 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are hardened to provide heavy duty performance.
Seal Components:	• Nitrile (Buna-N) seals are standard, providing a temperature range of -40°C to 121°C. • All couplers & nipples incorporate PTFE or TPC-ET Anti-Extrusion rings to protect the seal components from dynamic impulse damage.
Interchange Data:	• Interchangeable with Snap-Tite 71-Series





Size (inch)	Steel Coupler / Plug Coupled				316SS Coupler / Plug Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	10000	700	27300	1800	5000	345	28000	1900
⅜	10000	700	27300	1800	5000	345	28000	1900
½	10000	700	22500	1500	5000	345	25000	1700
¾	7500	500	20200	1400	5000	345	22800	1550
1	7500	500	19400	1300	4000	275	18500	1250
1-V2	8500	585	25900	1750	-	-	-	-
2	5000	345	16000	1100	3000	200	10000	700

Please note: Minimum burst pressure ratings were established under laboratory conditions using a Static Burst Unit (SBU). For high impulse applications and to meet Det Norske Veritas (DNV) compliance, the burst pressure must be divided by four (4) to ensure a 4:1 safety factor during system operation.

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	-	-	-	-	10	0.01cc	0.02cc	N/R	11.7
⅜	-	-	-	-	10	0.02cc	0.02cc	N/R	29
½	-	-	-	-	12	0.03cc	0.03cc	N/R	57
¾	-	-	-	-	12	0.04cc	0.06cc	N/R	114
1	-	-	-	-	12	0.06cc	0.07cc	N/R	170
1-V2	-	-	-	-	12	0.09cc	0.10cc	N/R	190
2	-	-	-	-	15	3.14cc	5.25cc	N/R	568

ST-Series Interchange		
Size (inch)	Snap Tite	PCI
¾	Series 71	71FF
1	Series 71	71FF
2	Series 71	71FF

Although a special lubricant is used to protect the flushface seals during pre-service storage, the seals are still vulnerable until they are exposed to the system fluid.

It is recommended to lubricate the seals before the first connection by placing a drop of oil into the main valve grooves on the face of the nipple and coupler.

ST-Series Snap-Tite Interchange Seal Kits

ST-Series Snap-Tite 71-Series Coupler Seal Kits							
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.11
⅜	3ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	7.18
½	4ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.34
¾	6ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	3.62
1	8ST-SKIT	All	Nitrile	Two Seals & Anti-Extrusion Rings	25	200	6.19
1	8ST-SKIT-V2	All	Nitrile	Three Seals & Two Anti-Extrusion Rings	25	200	17.41
2	16ST-SKIT	All	Nitrile	Three Seals & Two Anti-Extrusion Rings	10	100	19.11

Price Group: PC

AP07

• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

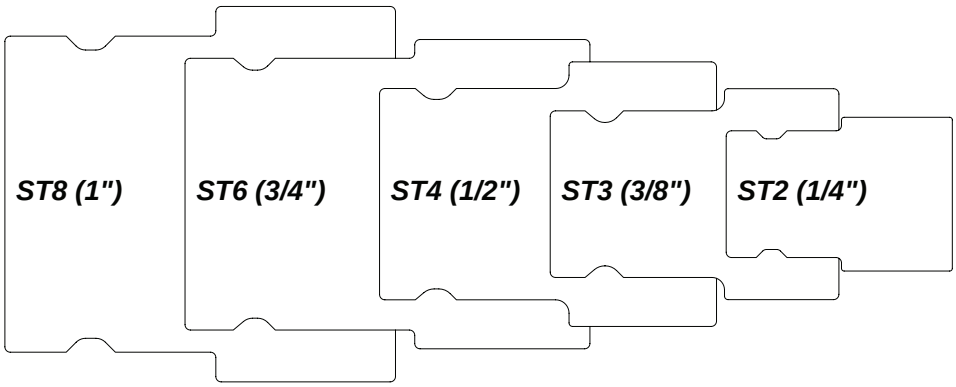
ST-Series Snap-Tite Interchange Seal Kits

ST-Series Snap-Tite 71-Series Nipple Seal Kits							
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	ST2-SKIT	All	Nitrile	Valve O-ring / Back-up & Adaptor O-ring	25	200	5.18
⅜	ST3-SKIT	All	Nitrile	Valve O-ring / Back-up & Adaptor O-ring	25	200	5.34
½	ST4-SKIT	All	Nitrile	Valve O-ring / Back-up & Adaptor O-ring	25	200	6.48
¾	ST6-SKIT	All	Nitrile	Valve O-ring / Back-up & Adaptor O-ring	25	200	6.80
1	ST8-SKIT	All	Nitrile	Valve O-ring / Back-up & Adaptor O-ring	25	200	8.08
2	ST16-SKIT	All	Nitrile	Main Valve Seal	25	200	8.22

Price Group: PC

AP07

ST-Series Profiles



Size (inch)	A (mm)	B (mm)
¼	17.66	4.76
⅜	23.81	4.76
½	30.16	4.76
¾	38.10	6.35
1	44.45	7.94
ST8-V2 1	39.69	20.64
2	69.85	36.51

ST-Series Coupler Rigid Dust Plugs



Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2STDP-A	SS Bead Chain	Aluminium	0.06	5	25	41.75
⅜	3STDP-A	SS Bead Chain	Aluminium	0.08	5	25	39.50
½	4STDP-A	SS Bead Chain	Aluminium	0.10	5	25	47.22
¾	6STDP-A	SS Bead Chain	Aluminium	0.16	-	10	63.75
1	8STDP-A	SS Bead Chain	Aluminium	0.17	-	10	72.07
1-V2	8STDP-A-V2	SS Bead Chain	Aluminium	0.22	-	10	79.13
2	16STDP-A	SS Bead Chain	Aluminium	0.42	-	1	264.76

Price Group: PC

AP07

ST-Series Nipple Rigid Dust Caps



Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	ST2DC-A	SS Bead Chain	Aluminium	0.07	5	25	46.06
⅜	ST3DC-A	SS Bead Chain	Aluminium	0.08	5	25	82.75
½	ST4DC-A	SS Bead Chain	Aluminium	0.10	5	25	57.66
¾	ST6DC-A	SS Bead Chain	Aluminium	0.12	-	10	76.20
1	ST8DC-A	SS Bead Chain	Aluminium	0.13	-	10	66.53
1-V2	ST8DC-A-V2	SS Bead Chain	Aluminium	0.21	-	10	63.85
2	ST16DC-A	SS Bead Chain	Aluminium	0.34	-	1	155.51

Price Group: PC

AP07

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

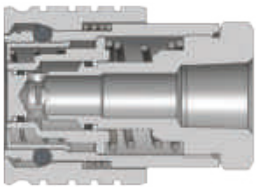
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 305

ST-Series Automatic Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2STF2	¼ - 18 NPTF	Steel	0.11	5	25	173.85
¼	2STF2-SS	¼ - 18 NPTF	316 SS	0.12	5	25	378.51
¼	2STBF2	¼ - 19 BSPP	Steel	0.11	5	25	196.41
¼	2STBF2-SS	¼ - 19 BSPP	316 SS	0.12	5	25	346.49
⅜	3STF2	¼ - 18 NPTF	Steel	0.17	5	25	252.45
⅜	3STF3	⅜ - 18 NPTF	Steel	0.16	5	25	224.14
⅜	3STF3-SS	⅜ - 18 NPTF	316 SS	0.17	5	25	393.97
⅜	3STBF3	⅜- 19 BSPP	Steel	0.16	5	25	232.05
⅜	3STBF3-SS	⅜- 19 BSPP	316 SS	0.17	5	25	401.88
⅜	3STF4	½ - 14 NPTF	Steel	0.16	5	25	252.95
⅜	3STF4-SS	½ - 14 NPTF	316 SS	0.16	5	25	441.07
⅜	3STBF4	½ - 14 BSPP	Steel	0.16	5	25	197.18
⅜	3STBF4-SS	½ - 14 BSPP	316 SS	0.16	5	25	488.35
½	4STF4	½ - 14 NPTF	Steel	0.21	-	20	246.52
½	4STF4-SS	½ - 14 NPTF	316 SS	0.22	-	20	534.75
½	4STBF4	½ - 14 BSPP	Steel	0.21	-	20	245.83
½	4STBF4-SS	½ - 14 BSPP	316 SS	0.22	-	20	532.94
½	4STOF4	¾ - 16 ORB	Steel	0.22	-	20	289.96
¾	6STF6	¾ - 14 NPTF	Steel	0.90	-	10	223.04
¾	6STF6-SS	¾ - 14 NPTF	316 SS	0.93	-	10	574.40
¾	6STBF6	¾ - 14 BSPP	Steel	0.90	-	10	216.92
¾	6STBF6-SS	¾ - 14 BSPP	316 SS	0.93	-	10	585.11
¾	6STOF6	1 1/16 - 12 ORB	Steel	0.90	-	10	250.64
1	8STF8	1 - 11½ NPTF	Steel	1.26	-	10	478.29
1	8STF8-SS	1 - 11½ NPTF	316 SS	1.28	-	10	714.65
1	8STBF8	1 - 11 BSPP	Steel	1.26	-	10	305.00
1	8STBF8-SS	1 - 11 BSPP	316 SS	1.28	-	10	798.14
1	8STOF8	1 5/16 - 12 ORB	Steel	1.23	-	10	356.62
1	8STF10	1¼ - 11½ NPTF	Steel	1.29	-	10	329.58
1	8STF10-SS	1¼ - 11½ NPTF	316 SS	1.31	-	10	696.34
1	8STBF10	1¼ - 11 BSPP	Steel	1.29	-	10	316.64
1	8STBF10-SS	1¼ - 11 BSPP	316 SS	1.31	-	10	807.82
1	8STOF10	1⅝ - 12 ORB	Steel	1.26	-	10	314.61



Female Thread



Price Group: PC

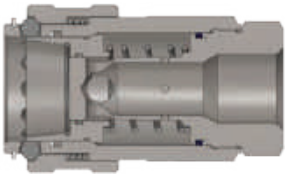
AP07

ST-Series 'Old Style' Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1	8STF8-V2	1 - 11½ NPTF	Steel	1.28	-	10	405.39
1	8STBF8-V2	1 - 11 BSPP	Steel	1.28	-	10	401.66
1	8STF10-V2	1¼ - 11½ NPTF	Steel	1.30	-	10	412.04
2	16STF12	1½ - 11½ NPTF	Steel	4.11	-	1	1506.07
2	16STBF12	1½ - 11 BSPP	Steel	4.11	-	1	1547.85
2	16STOF12	1⅞ - 12 ORB	Steel	4.06	-	1	1547.85
2	16STF16	2 - 11½ NPTF	Steel	3.96	-	1	1682.75
2	16STF16-SS	2 - 11½ NPTF	316 SS	3.96	-	1	2280.48
2	16STBF16	2 - 11 BSPP	Steel	3.96	-	1	1567.19
2	16STOF16	2½ - 12 ORB	Steel	3.91	-	1	1553.36



Female Thread



Price Group: PC

AP07

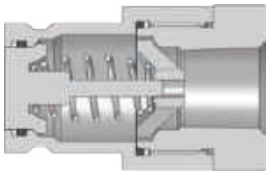
- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 305

ST-Series Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	ST2F2	¼ - 18 NPTF	Steel	0.07	5	25	130.74
¼	ST2F2-SS	¼ - 18 NPTF	316 SS	0.07	5	25	176.06
¼	ST2BF2	¼ - 19 BSPP	Steel	0.07	5	25	125.91
¼	ST2BF2-SS	¼ - 19 BSPP	316 SS	0.07	5	25	186.87
⅜	ST3F2	¼ - 18 NPTF	Steel	0.13	5	25	126.50
⅜	ST3F3	⅜ - 18 NPTF	Steel	0.12	5	25	119.77
⅜	ST3F3-SS	⅜ - 18 NPTF	316 SS	0.12	5	25	171.15
⅜	ST3BF3	⅜- 19 BSPP	Steel	0.12	5	25	139.75
⅜	ST3BF3-SS	⅜- 19 BSPP	316 SS	0.12	5	25	193.60
⅜	ST3F4	½ - 14 NPTF	Steel	0.12	5	25	128.49
⅜	ST3F4-SS	½ - 14 NPTF	316 SS	0.12	5	25	191.27
⅜	ST3BF4	½ - 14 BSPP	Steel	0.12	5	25	126.20
⅜	ST3BF4-SS	½ - 14 BSPP	316 SS	0.12	5	25	203.71
½	ST4F4	½ - 14 NPTF	Steel	0.19	-	20	126.73
½	ST4F4-SS	½ - 14 NPTF	316 SS	0.19	-	20	213.73
½	ST4BF4	½ - 14 BSPP	Steel	0.19	-	20	139.93
½	ST4BF4-SS	½ - 14 BSPP	316 SS	0.19	-	20	266.13
½	ST4OF4	¾ - 16 ORB	Steel	0.19	-	20	140.22
¾	ST6F6	¾ - 14 NPTF	Steel	0.49	-	10	137.22
¾	ST6F6-SS	¾ - 14 NPTF	316 SS	0.52	-	10	290.84
¾	ST6BF6	¾ - 14 BSPP	Steel	0.49	-	10	155.99
¾	ST6BF6-SS	¾ - 14 BSPP	316 SS	0.52	-	10	285.47
¾	ST6OF6	1 1/16 - 12 ORB	Steel	0.46	-	10	158.63
1	ST8F8	1 - 11½ NPTF	Steel	0.67	-	10	174.06
1	ST8F8-SS	1 - 11½ NPTF	316 SS	0.70	-	10	359.57
1	ST8BF8	1 - 11 BSPP	Steel	0.67	-	10	165.39
1	ST8BF8-SS	1 - 11 BSPP	316 SS	0.70	-	10	370.04
1	ST8OF8	1 5/16 - 12 ORB	Steel	0.62	-	10	187.26
1	ST8F10	1¼ - 11½ NPTF	Steel	0.60	-	10	177.34
1	ST8F10-SS	1¼ - 11½ NPTF	316 SS	0.77	-	10	389.38
1	ST8BF10	1¼ - 11 BSPP	Steel	0.60	-	10	178.86
1	ST8BF10-SS	1¼ - 11 BSPP	316 SS	0.76	-	10	379.71
1	ST8OF10	1⅝ - 12 ORB	Steel	0.70	-	10	178.86

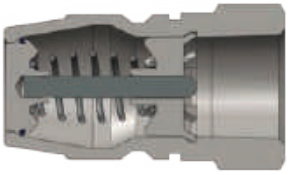
Price Group: PC

AP07

ST-Series 'Old Style' Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1	ST8F8-V2	1 - 11½ NPTF	Steel	0.69	-	10	176.63
1	ST8BF8-V2	1 - 11 BSPP	Steel	0.67	-	10	166.96
1	ST8F10-V2	1¼ - 11½ NPTF	Steel	0.67	-	10	259.00
2	ST16F12	1½ - 11½ NPTF	Steel	1.96	-	1	716.75
2	ST16BF12	1½ - 11 BSPP	Steel	1.96	-	1	828.16
2	ST16OF12	1⅞ - 12 ORB	Steel	1.91	-	1	828.16
2	ST16F16	2 - 11½ NPTF	Steel	1.88	-	1	797.58
2	ST16F16-SS	2 - 11½ NPTF	316 SS	1.88	-	1	1133.83
2	ST16BF16	2 - 11 BSPP	Steel	1.88	-	1	828.16
2	ST16OF16	2½ - 12 ORB	Steel	1.84	-	1	828.16

Price Group: PC

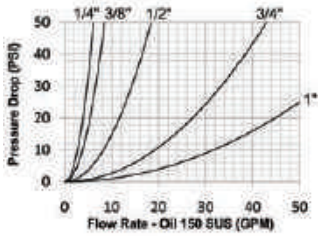
AP07

- NPTF & ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 305

AG-Series Agricultural Interchange

Materials:	• Machined components are manufactured using solid steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are hardened to provide heavy duty performance and resist brinnelling.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C. • Couplers have a PTFE Anti-Extrusion ring. • Poppet valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurised connection. • Piloted ball valve has a seal that is crimped to prevent low pressure leakage.
Interchange Data:	• Pioneer agricultural interchange • Parker/Pioneer 4000 Series, Faster NS/NV-Series • Safeway Series-S20, Stucchi IR-Series, Snap-Tite 60-Series, RYCO R91 & R94 Series
Standards:	• AG-Series couplers and nipples are compliant with the parameters outlined in ISO5675 (ISO7241-1 Series A for the ½" size).



Size (inch)	Ball Steel Coupler / Plug				Poppet Steel Coupler / Plug			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	4000	275	24400	1700	4000	275	21000	1500
⅜	4000	275	25000	1700	4000	275	23100	1600
½	4000	275	16500	1100	4000	275	16500	1100
¾	3000	200	15800	1050	3000	200	10300	700
1	3000	200	13500	900	3000	200	13000	900

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	-	-	-	-	8	1.1cc	0.9cc	26.5	15
⅜	-	-	-	-	9	2.6cc	1.8cc	26.5	23
½	-	-	ISO7241 'A'	-	9	3.8cc	2.9cc	26.5	45
¾	-	-	ISO5675	-	12	10.8cc	9.7cc	26.5	106
1	-	-	-	-	12	15.9cc	15.3cc	26.5	182

AG-Series Interchange						
Size (inch)	Parker / Pioneer	Faster	Tomco	Safeway	Stucchi	Snap-Tite
¼	4000 Series	NS	Series PC	Series S20	IR-Series	60-Series
⅜	4000 Series	NS	Series PC	Series S20	IR-Series	60-Series
½	4000 Series	NS	Series PC	Series S20	IR-Series	60-Series
¾	4000 Series	NS	Series PC	Series S20	IR-Series	60-Series
1	4000 Series	NS	Series PC	Series S20	IR-Series	60-Series



Poppet Valve Style (-PV)



Standard Ball Valve Style

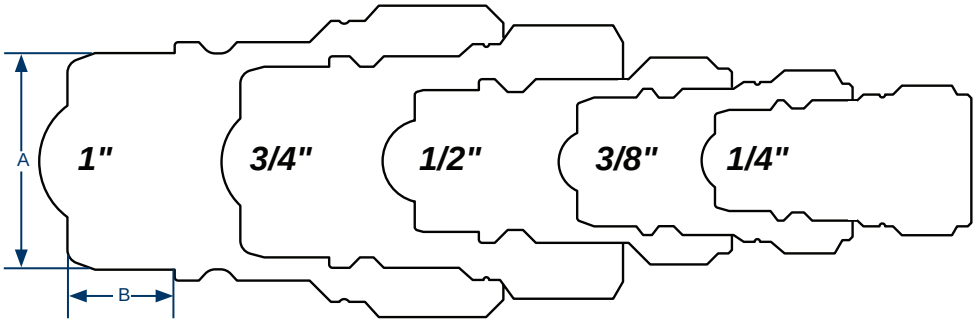
Dixon™ carries two valve styles for the Agricultural coupling series, Ball valve and Poppet valve. The Ball valve coupling has historically provided greater longevity while the Poppet valve will improve flow while in operation.

Note: Minimum burst pressure ratings were established under laboratory conditions using a Static Burst Unit (SBU). For high impulse applications and to meet Det Norske Veritas (DNV) compliance, the operating pressure must be divided by two (2) to ensure a 4:1 safety factor during system operation.

• NPTF & ORB thread styles also available.
• A complete range of seal options are available.

AG-Series Profiles

Size (inch)	A (mm)	B (mm)
¼	14.29	7.94
⅜	19.05	8.73
½	15.85	7.94
¾	23.81	11.11
1	30.16	9.53



AG-Series Coupler Dust Plugs



Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2AGDP	Elastomer	Elastomer	0.01	10	50	3.81
½	4AGDP	Elastomer	Elastomer	0.02	10	50	POR
1	8AGDP	Elastomer	Elastomer	0.04	5	25	7.61

Price Group: PC
AP02

G

AG-Series Nipple Dust Caps



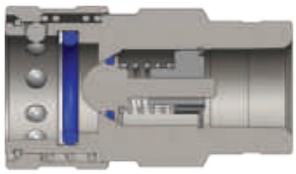
Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	AG2DC	Elastomer	Elastomer	0.01	10	50	3.78
½	AG4DC	Elastomer	Elastomer	0.02	10	50	8.56
1	AG8DC	Elastomer	Elastomer	0.04	5	25	14.97

Price Group: PC
AP02

AG-Series Ball Couplers



Female Thread



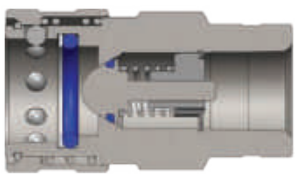
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2AGF2	¼ - 18 NPTF	Steel	0.11	10	100	28.02
⅜	3AGF3	⅜ - 18 NPTF	Steel	0.23	10	50	34.20
½	4AGF4	½ - 14 NPTF	Steel	0.26	5	25	30.04
½	4AGBF4	½ - 14 BSPP	Steel	0.26	5	25	37.56
½	4AGOF4	¾ - 16 ORB	Steel	0.29	5	25	43.13
½	4AGOF5	⅞ - 14 ORB	Steel	0.26	5	25	51.83
½	4AGF6	¾ - 14 NPTF	Steel	0.32	5	25	49.57
½	4AGBF6	¾ - 14 BSPP	Steel	0.32	5	25	67.02
¾	6AGF6	¾ - 14 NPTF	Steel	0.45	-	10	61.90
¾	6AGBF6	¾ - 14 BSPP	Steel	0.45	-	10	57.70
1	8AGF8	1 - 11½ NPTF	Steel	0.88	-	10	112.62
1	8AGBF8	1 - 11½ BSPP	Steel	0.88	-	10	88.78

Price Group: PC
AP02

AG-Series Poppet Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2AGF2-PV	¼ - 18 NPTF	Steel	0.11	10	100	27.57
¼	2AGBF2-PV	¼ - 18 BSPP	Steel	0.11	10	100	27.85
⅜	3AGF3-PV	⅜ - 18 NPTF	Steel	0.23	10	50	32.99
⅜	3AGBF3-PV	⅜ - 18 BSPP	Steel	0.23	10	50	25.95
½	4AGF4-PV	½ - 14 NPTF	Steel	0.26	5	25	24.64
½	4AGBF4-PV	½ - 14 BSPP	Steel	0.26	5	25	50.14
½	4AGOF4-PV	¾ - 16 ORB	Steel	0.29	5	25	37.56
½	4AGOF5-PV	⅞ - 14 ORB	Steel	0.26	5	25	53.11
½	4AGF6-PV	¾ - 14 NPTF	Steel	0.32	5	25	51.06
½	4AGBF6-PV	¾ - 14 BSPP	Steel	0.32	5	25	55.29
¾	6AGF6-PV	¾ - 14 NPTF	Steel	0.45	-	10	64.32
¾	6AGBF6-PV	¾ - 14 BSPP	Steel	0.45	-	10	59.30
1	8AGF8-PV	1 - 11½ NPTF	Steel	0.88	-	10	112.67
1	8AGBF8-PV	1 - 11½ BSPP	Steel	0.88	-	10	88.04

- ORB thread styles also available.
- A complete range of seal options are available.

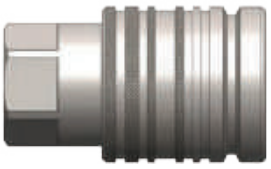
Price Group: PC
AP02

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 309

AG-Series Push-Pull Ball Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3AGF3-PS	⅜ - 18 NPTF	Steel	0.24	5	25	62.40
½	4AGF4-PS	½ - 14 NPTF	Steel	0.34	5	25	38.16
½	4AGOF4-PS	¾ - 16 ORB	Steel	0.34	5	25	47.92
½	4AGOF5-PS	⅞ - 14 ORB	Steel	0.34	5	25	52.14
½	4AGF6-PS	¾ - 14 NPTF	Steel	0.34	5	25	55.58

Price Group: PC
AP02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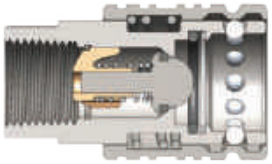
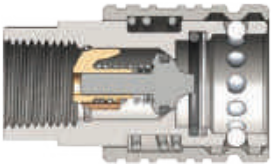


AG-Series Push-Pull Poppet Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3AGF3-PV-PS	⅜ - 18 NPTF	Steel	0.23	5	25	62.40
½	4AGF4-PV-PS	½ - 14 NPTF	Steel	0.34	5	25	42.60
½	4AGOF4-PV-PS	¾ - 16 ORB	Steel	0.37	5	25	51.34
½	4AGOF5-PV-PS	⅞ - 14 ORB	Steel	0.34	5	25	52.21
½	4AGF6-PV-PS	¾ - 14 NPTF	Steel	0.34	5	25	38.13

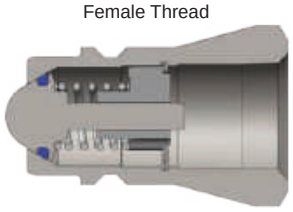
Price Group: PC
AP02


Female Thread


AG-Series Ball Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	AG2F2	¼ - 18 NPTF	Steel	0.04	10	100	12.56
¼	AG2BF2	¼ - 18 BSPP	Steel	0.04	10	100	21.17
⅜	AG3BF3	⅜ - 18 BSPP	Steel	0.07	10	50	15.24
½	AG4F4	½ - 14 NPTF	Steel	0.09	5	25	13.73
½	AG4BF4	½ - 14 BSPP	Steel	0.09	5	25	16.71
½	AG4OF4	¾ - 16 ORB	Steel	0.11	5	25	16.69
½	AG4F6	¾ - 14 NPTF	Steel	0.11	5	25	20.72
½	AG4BF6	¾ - 14 BSPP	Steel	0.11	5	25	27.77
¾	AG6F6	¾ - 14 NPTF	Steel	0.22	-	10	32.54
¾	AG6BF6	¾ - 14 BSPP	Steel	0.22	-	10	34.29
1	AG8F8	1 - 11½ NPTF	Steel	0.28	-	10	48.05
1	AG8BF8	1 - 11½ BSPP	Steel	0.28	-	10	36.45

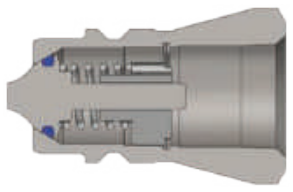
Price Group: PC
AP02


Female Thread


AG-Series Poppet Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	AG2F2-PV	¼ - 18 NPTF	Steel	0.04	10	100	12.60
¼	AG2BF2-PV	¼ - 19 BSPP	Steel	0.04	10	100	8.60
⅜	AG3F3-PV	⅜ - 18 NPTF	Steel	0.07	10	50	16.68
⅜	AG3BF3-PV	⅜ - 19 BSPP	Steel	0.07	10	50	20.09
½	AG4F4-PV	½ - 14 NPTF	Steel	0.09	5	25	14.96
½	AG4BF4-PV	½ - 14 BSPP	Steel	0.09	5	25	18.15
½	AG4OF4-PV	¾ - 16 ORB	Steel	0.11	5	25	16.76
½	AG4OF5-PV	⅞ - 14 ORB	Steel	0.11	5	25	33.57
½	AG4F6-PV	¾ - 14 NPTF	Steel	0.11	5	25	20.47
½	AG4BF6-PV	¾ - 14 BSPP	Steel	0.11	5	25	27.77
¾	AG6F6-PV	¾ - 14 NPTF	Steel	0.22	-	10	43.37
¾	AG6BF6-PV	¾ - 14 BSPP	Steel	0.22	-	10	34.81
1	AG8F8-PV	1 - 11½ NPTF	Steel	0.28	-	10	48.04
1	AG8BF8-PV	1 - 11 BSPP	Steel	0.28	-	10	36.63

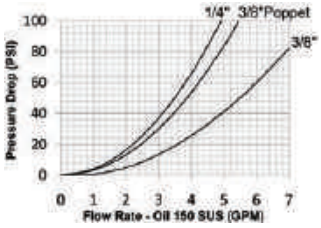
Price Group: PC
AP02


Female Thread


- ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 309

T-Series High Pressure Screw-Together



Materials:	• Machined components are manufactured using solid steel or 316 stainless steel bar stock. • Chrome steel ball valve is mechanically seated to improve low pressure sealing performance. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel nipples are machined from solid high strength steel bar stock.
Seal Components:	• Urethane seal is standard in ball valve couplers and provides resistance to extrusion when subjected to high pressure - temperature range is -40°C to 82°C. • Nitrile seals are standard in poppet valve couplings, providing a temperature range of -40°C to 121°C.
Interchange Data:	• High pressure screw-together interchange • Parker/Pioneer 3000 Series, Stucchi IVHP • Hansen WS56000, Snap-Tite 76-Series, DNP PVM • RYCO R100 Series

Size (inch)	Steel Ball Coupler / Plug Coupled				316 SS Ball Coupler / Plug Coupled				Steel Poppet Coupler / Plug Coupled				316 SS Poppet Coupler / Plug Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	10000	700	34300	2350	-	-	-	-	-	-	-	-	-	-	-	-
⅜	10000	700	30000	2050	10000	700	30900	2100	10000	700	36800	2500	10000	700	36500	2500

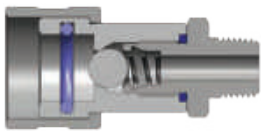
Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Valve Style	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 60 PSI
¼	-	-	ISO 14540	-	Ball	0.97	0.56	N/R	14
⅜	-	-	ISO 14540	-	Ball	2.04	0.98	N/R	16
⅜	-	-	ISO 14540	-	Poppet	1.56	0.77	N/R	22

T-Series Interchange						
Size (inch)	Parker / Pioneer	Stucchi	Holmbury	Enerpac™ - C604	Snap-Tite	Hansen
¼	Series 3000	IVHP	HPA Series	-	76 Series	WS 5600
⅜	Series 3000	IVHP	HPA Series	-	76 Series	WS 5600

T-Series Couplers



Male Thread

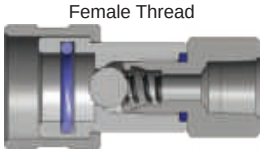


Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2TM2	¼ - 18 NPTF	Steel	0.11	5	50	38.90
⅜	3TM3	⅜ - 18 NPTF	Steel	0.22	5	25	43.54
⅜	3TBM3	1.9 TPI	Steel	0.22	5	25	40.16
⅜	3TM3-SS	⅜ - 18 NPTF	316 SS	0.22	5	25	263.12

Price Group: PC
AP09



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3TF3	⅜ - 18 NPTF	Steel	0.22	5	25	41.59

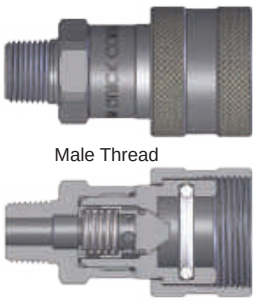
Price Group: PC
AP09

• ORB thread styles also available.
• A complete range of seal options are available.

T-Series Poppet Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3TM3-PV	⅜ - 18 NPT	Steel	0.22	5	50	51.85
⅜	3TM3-SS-PV	⅜ - 18 NPT	316 SS	0.23	5	25	236.33

Price Group: PC

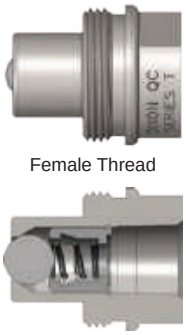

Male Thread

T-Series Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	T2F2	¼ - 18 NPTF	Steel	0.06	5	50	27.09
⅜	T3F3	⅜ - 18 NPTF	Steel	0.10	5	25	25.61
⅜	T3BF3	⅜ - 18 FBSP	Steel	0.03	-	10	30.14
⅜	T3F3-SS	⅜ - 18 NPT	316 SS	0.10	5	25	129.60

Price Group: PC

AP09

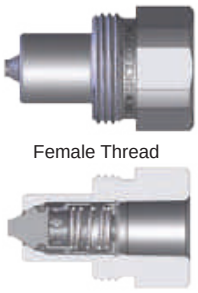

Female Thread

T-Series Poppet Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	T3F3-PV	⅜ - 18 NPT	Steel	0.10	5	25	33.96
⅜	T3F3-SS-PV	⅜ - 18 NPT	316 SS	0.10	5	25	129.77

Price Group: PC

AP09


Female Thread

T-Series Coupler Dust Plugs

Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2TDP	Rubber	Steel	0.04	5	50	19.69
⅜	3TDP	Rubber	Steel	0.07	5	25	32.95

Price Group: PC

AP09



T-Series Nipple Dust Caps

Size (inch)	Part No.	Cap Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	T2DC	SS Bead Chain	Steel	0.05	5	50	27.65
⅜	T3DC	SS Bead Chain	Steel	0.08	5	25	26.70

Price Group: PC

AP09



T-Series High Pressure Interchange Seal Kits

T-Series High Pressure Enerpac™ Interchange Coupler Seal Kits							
Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2T-SKIT	Ball Valve	Urethane	Body Seal	25	200	8.33
⅜	3T-SKIT	Ball Valve	Urethane	Body Seal	25	200	4.87

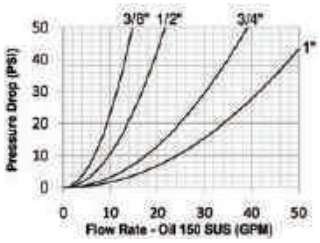
Price Group: PC

AP09

- ORB thread styles also available.
- A complete range of seal options are available.

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 312

TR-Series TEMA Interchange



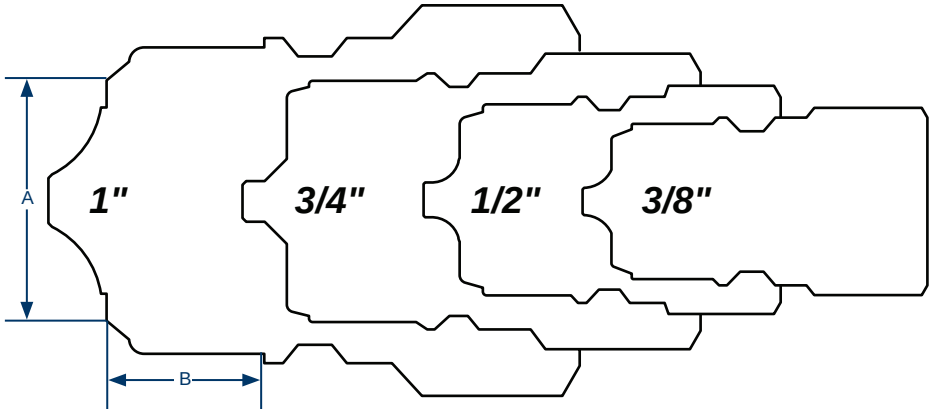
- Machined components are manufactured using solid steel bar stock.
- Stainless steel balls, retaining rings, and springs maximise corrosion resistance and extend service life.
- Steel componentry is plated using ROHS Compliant Trivalent Chrome.
- Steel coupler sleeves are hardened to resist deformation and maximise service life.
- Steel nipples are hardened to provide heavy duty performance.

Size (inch)	Steel Coupler / Plug (Connected)			
	Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar
¼	4351	300	17400	1200
⅜	5000	345	20000	1400
½	4000	275	16500	1100
¾	4000	275	15400	1000
1	3200	220	12800	900

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
⅜	-	-	-	-	9	2.8cc	1.9cc	28	38
½	-	-	-	-	9	3.9cc	3.1cc	28	57
¾	-	-	-	-	9	10.5cc	10.1cc	28	98
1	-	-	-	-	9	14.7cc	14.2cc	28	136

G

TR-Series Profiles



Size (inch)	A (mm)	B (mm)
¼	15.88	11.11
⅜	19.05	14.29

TR-Series TEMA Interchange Couplings



Diver Coupling

Specifications:

- Free through-flow minimum pressure drop
- Double O-rings, double security against leakage
- Safety lock-ring prevents unintended disconnection
- High working pressure with four fold safety
- Rustproof
- Also available in stainless steel

Size (inch)	Part No.	Working Pressure		Pkg Qty	Price $
		PSI	Bar		
Diver Coupling					
¼	2510ELRF	145	10	10	205.55

Price Group: PC

AP12

TR-Series TEMA Interchange Couplers

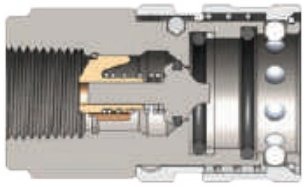
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2TRBF2	¼ - 19 BSPP	Steel	0.18	10	50	83.85
¼	2TRBF2-E	¼ - 19 BSPP	Steel	0.18	10	50	89.94
¼	2TRBF2-E-SS	¼ - 19 BSPP	316 SS	0.18	10	50	267.49
¼	2TRBF2-V	¼ - 19 BSPP	Steel	0.18	10	50	112.40
¼	2TRBF2-V-SS	¼ - 19 BSPP	316 SS	0.18	10	50	288.41
⅜	3TRBF3	⅜ - 19 BSPP	Steel	0.23	10	50	96.30
⅜	3TRBF3-E	⅜ - 19 BSPP	Steel	0.23	10	50	82.73
⅜	3TRBF3-E-SS	⅜ - 19 BSPP	316 SS	0.23	10	50	297.63
⅜	3TRBF3-V	⅜ - 19 BSPP	Steel	0.23	10	50	121.19
⅜	3TRBF3-V-SS	⅜ - 19 BSPP	316 SS	0.23	10	50	325.65
⅜	3TRBF3-PR	⅜ - 19 BSPP	Steel	0.23	10	50	127.25
½	4TRBF4	½ - 14 BSPP	Steel	0.36	5	25	109.97
½	4TRBF4-E	½ - 14 BSPP	Steel	0.36	5	25	115.16
½	4TRBF4-E-SS	½ - 14 BSPP	316 SS	0.36	5	25	320.52
½	4TRBF4-V-SS	½ - 14 BSPP	316 SS	0.36	5	25	335.93
½	4TRBF4-PR	½ - 14 BSPP	Steel	0.36	5	25	166.71
¾	6TRBF6	¾ - 14 BSPP	Steel	0.64	-	10	151.93
¾	6TRBF6-E	¾ - 14 BSPP	Steel	0.64	-	10	155.95
¾	6TRBF6-E-SS	¾ - 14 BSPP	316 SS	0.64	-	10	451.45
¾	6TRBF6-V	¾ - 14 BSPP	Steel	0.64	-	10	210.61
¾	6TRBF6-V-SS	¾ - 14 BSPP	316 SS	0.64	-	10	502.43
¾	6TRBF6-PR	¾ - 14 BSPP	Steel	0.64	-	10	177.06
1	8TRBF8	1 - 11 BSPP	Steel	0.88	-	10	212.60
1	8TRBF8-E	1 - 11 BSPP	Steel	0.88	-	10	196.93
1	8TRBF8-E-SS	1 - 11 BSPP	316 SS	0.88	-	10	608.72
1	8TRBF8-V	1 - 11 BSPP	Steel	0.88	-	10	267.16
1	8TRBF8-V-SS	1 - 11 BSPP	316 SS	0.88	-	10	682.10
1	8TRBF8-PR	1 - 11 BSPP	Steel	0.88	-	10	227.70

Price Group: PC

AP12



Female Thread



TR-Series TEMA Interchange Nipples

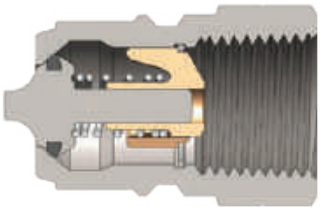
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	TR2BF2	¼ - 19 BSPP	Steel	0.05	10	50	25.71
¼	TR2BF2-E	¼ - 19 BSPP	Steel	0.05	10	50	19.65
¼	TR2BF2-E-SS	¼ - 19 BSPP	316 SS	0.05	10	50	72.37
¼	TR2BF2-V	¼ - 19 BSPP	Steel	0.05	10	50	33.48
¼	TR2BF2-V-SS	¼ - 19 BSPP	316 SS	0.05	10	50	90.43
⅜	TR3BF3	⅜ - 19 BSPP	Steel	0.07	10	50	38.99
⅜	TR3BF3-E	⅜ - 19 BSPP	Steel	0.07	10	50	19.73
⅜	TR3BF3-E-SS	⅜ - 19 BSPP	316 SS	0.07	10	50	75.46
⅜	TR3BF3-V	⅜ - 19 BSPP	Steel	0.07	10	50	31.15
⅜	TR3BF3-V-SS	⅜ - 19 BSPP	316 SS	0.07	10	50	153.52
⅜	TR3BF3-PR	⅜ - 19 BSPP	Steel	0.07	10	50	36.69
½	TR4BF4	½ - 14 BSPP	Steel	0.12	5	25	32.26
½	TR4BF4-E	½ - 14 BSPP	Steel	0.12	5	25	21.62
½	TR4BF4-E-SS	½ - 14 BSPP	316 SS	0.12	5	25	91.24
½	TR4BF4-V	½ - 14 BSPP	Steel	0.12	5	25	35.29
½	TR4BF4-V-SS	½ - 14 BSPP	316 SS	0.12	5	25	128.12
½	TR4BF4-PR	½ - 14 BSPP	Steel	0.12	5	25	41.31
¾	TR6BF6	¾ - 14 BSPP	Steel	0.21	-	10	46.79
¾	TR6BF6-E	¾ - 14 BSPP	Steel	0.21	-	10	33.85
¾	TR6BF6-E-SS	¾ - 14 BSPP	316 SS	0.21	-	10	137.93
¾	TR6BF6-V	¾ - 14 BSPP	Steel	0.21	-	10	55.39
¾	TR6BF6-V-SS	¾ - 14 BSPP	316 SS	0.21	-	10	183.93
¾	TR6BF6-PR	¾ - 14 BSPP	Steel	0.21	-	10	77.96
1	TR8BF8	1 - 11 BSPP	Steel	0.36	-	10	67.30
1	TR8BF8-E	1 - 11 BSPP	Steel	0.36	-	10	69.23
1	TR8BF8-E-SS	1 - 11 BSPP	316 SS	0.36	-	10	219.93
1	TR8BF8-V	1 - 11 BSPP	Steel	0.36	-	10	83.84
1	TR8BF8-V-SS	1 - 11 BSPP	316 SS	0.36	-	10	293.32
1	TR8BF8-PR	1 - 11 BSPP	Steel	0.36	-	10	79.54

Price Group: PC

AP12



Female Thread



FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 314

TR-Series TEMA Interchange Coupler Seal Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty	Price $ (ea)
¼	2TR-SKIT	All	Nitrile	Two O-rings	1	5.11
¼	2TR-VSKIT	All	FKM	Two O-rings	1	7.99
⅜	3TR-SKIT	All	Nitrile	Two O-rings	1	6.23
½	4TR-SKIT	All	Nitrile	Two O-rings	1	8.59
½	4TR-VSKIT	All	FKM	Two O-rings	1	21.13
¾	6TR-SKIT	All	Nitrile	Two O-rings	1	19.74
¾	6TR-VSKIT	All	FKM	Two O-rings	1	19.75
1	8TR-SKIT	All	Nitrile	Two O-rings	1	12.15
1	8TR-VSKIT	All	FKM	Two O-rings	1	25.81

Price Group: PC

AP12

TR-Series TEMA Interchange Dust Plugs



Size (inch)	Part No.	Body Material	Weight (kg)	Bag Qty	Price $ (ea)
¼	2TRDP	Elastomer	0.01	10	7.33
⅜	3TRDP	Elastomer	0.02	10	11.90
½	4TRDP	Elastomer	0.03	10	9.19
¾	6TRDP	Elastomer	0.03	10	8.90
1	8TRDP	Elastomer	0.05	10	16.60

Price Group: PC

AP12

TR-Series TEMA Interchange Dust Caps



Size (inch)	Part No.	Body Material	Weight (kg)	Bag Qty	Price $ (ea)
¼	TR2DC	Elastomer	0.01	10	10.35
⅜	TR3DC	Elastomer	0.02	10	4.69
½	TR4DC	Elastomer	0.03	10	7.70
¾	TR6DC	Elastomer	0.03	10	11.85
1	TR8DC	Elastomer	0.05	10	16.44

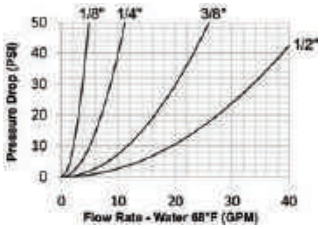
Price Group: PC

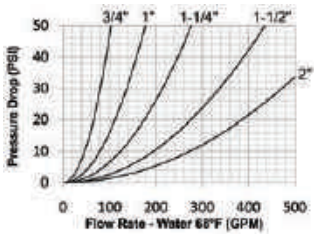
AP12

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 314

E-Series Straight-Through Pressure-Wash Interchange

Materials:	• Machined components are manufactured using solid steel, brass or 316 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • 1¼" to 2" brass couplers have steel sleeves as standard to maximise service life, hardened to resist deformation. • Steel nipples are hardened to provide heavy duty performance.
Seal Components:	• Nitrile (Buna-N) seals are standard providing a temperature range of -40°C to 121°C.
Interchange Data:	• Straight-through pressure-wash interchange • Parker ST-Series, Foster FST-Series, Tomco Series-ST, Hansen ST-Series





G

Size (inch)	Brass Coupler / Steel Plug Coupled				Brass Coupler / Plug Coupled				Brass Coupler / 303 SS Plug Coupled				303 SS Coupler / Plug Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
1/8"	2,600	179	10,400	717	2,500	172	10,000	689	4,200	290	16,800	1,158	5,000	345	29,900	2,062
1/4"	5,500	379	22,000	1,517	5,200	359	20,800	1,434	6,700	462	26,800	1,848	7,500	517	33,800	2,331
3/8"	3,500	241	14,000	966	2,700	186	10,800	745	5,500	379	22,000	1,517	7,500	517	34,400	2,372
1/2"	2,700	186	10,800	745	2,200	152	8,800	607	3,000	207	12,000	827	3,500	241	14,000	966
3/4"	2,700	186	10,800	745	1,700	117	6,800	469	3,000	207	12,000	827	3,000	207	19,400	1,338
1"	2,000	138	8,000	552	1,200	83	4,800	331	1,700	117	6,800	469	2,000	138	9,100	628
1-1/4"	2,000	138	8,000	552	1,700	117	6,800	469	2,000	138	8,000	552	2,000	138	10,000	690
1-1/2"	2,000	138	8,000	552	1,400	97	5,600	386	2,000	138	8,000	552	2,000	138	12,000	828
2"	2,000	138	8,000	552	1,400	97	5,600	386	2,000	138	8,000	552	2,000	138	9,000	621

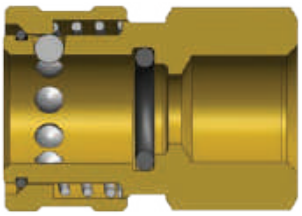
Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 15 PSI
⅛	-	-	-	-	8	N/A	N/A	N/R	11
¼	-	-	-	-	8	N/A	N/A	N/R	22
⅜	-	-	-	-	8	N/A	N/A	N/R	53
½	-	-	-	-	8	N/A	N/A	N/R	91
¾	-	-	-	-	8	N/A	N/A	N/R	249
1	-	-	-	-	8	N/A	N/A	N/R	378
1¼	-	-	-	-	8	N/A	N/A	N/R	567
1½	-	-	-	-	8	N/A	N/A	N/R	946
2	-	-	-	-	8	N/A	N/A	N/R	1235

T-Series Interchange				
Size (inch)	Parker / Pioneer	Foster	Tomco	Hansen
⅛	ST-Series	FST-Series	Series-ST	ST-Series
¼	ST-Series	FST-Series	Series-ST	ST-Series
⅜	ST-Series	FST-Series	Series-ST	ST-Series
½	ST-Series	FST-Series	Series-ST	ST-Series
¾	ST-Series	FST-Series	Series-ST	ST-Series
1	ST-Series	FST-Series	Series-ST	ST-Series
1¼	ST-Series	FST-Series	Series-ST	ST-Series
1½	ST-Series	FST-Series	Series-ST	ST-Series
2	ST-Series	FST-Series	Series-ST	ST-Series

E-Series Straight-Through Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	1EF1-B	⅛ - 27 NPTF	Brass	0.03	250	500	8.85
⅛	1EF1-S	⅛ - 27 NPTF	303 SS	0.02	250	500	22.01
¼	2EF2-B	¼ - 18 NPTF	Brass	0.08	50	200	12.12
¼	2EF2-S	¼ - 18 NPTF	303 SS	0.07	50	200	50.51
¼	2EBF2-B	¼ - 19 BSPP	Brass	0.08	50	200	34.32
⅜	3EF3-B	⅜ - 18 NPTF	Brass	0.12	50	200	9.92
⅜	3EF3-S	⅜ - 18 NPTF	303 SS	0.11	50	200	32.23
⅜	3EBF3-B	⅜ - 19 BSPP	Brass	0.12	50	200	33.14
½	4EF4-B	½ - 14 NPTF	Brass	0.18	25	100	24.03
½	4EF4-S	½ - 14 NPTF	303 SS	0.16	25	100	44.46
½	4EBF4-B	½ - 14 BSPP	Brass	0.18	25	100	74.41
¾	6EF6-B	¾ - 14 NPTF	Brass	0.28	15	60	41.60
¾	6EF6-S	¾ - 14 NPTF	303 SS	0.26	15	60	67.35
¾	6EBF6-B	¾ - 14 BSPP	Brass	0.28	15	60	116.96
1	8EF8-B	1 - 11½ NPTF	Brass	0.45	15	30	71.49
1	8EF8-S	1 - 11½ NPTF	303 SS	0.42	15	30	92.69
1	8EBF8-B	1 - 11 BSPP	Brass	0.45	15	30	111.68
1¼	10EF10-B	1¼ - 11½ NPTF	Brass	0.63	-	10	95.82
1¼	10EF10-S	1¼ - 11½ NPTF	303 SS	0.63	-	10	225.92
1½	12EF12-B	1½ - 11½ NPTF	Brass	0.64	-	5	178.84
1½	12EF12-S	1½ - 11½ NPTF	303 SS	0.64	-	5	382.49
2	16EF16-B	2 - 11½ NPTF	Brass	2.13	-	1	329.26
2	16EF16-S	2 - 11½ NPTF	303 SS	2.13	-	1	556.80

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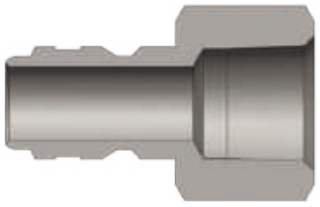
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 317

E-Series Straight-Through Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	E1F1	⅛ - 27 NPTF	Steel	0.01	250	500	18.53
⅛	E1F1-B	⅛ - 27 NPTF	Brass	0.01	250	500	4.58
⅛	E1F1-S	⅛ - 27 NPTF	303 SS	0.01	250	500	6.10
¼	E2F2	¼ - 18 NPTF	Steel	0.03	50	200	3.16
¼	E2F2-B	¼ - 18 NPTF	Brass	0.03	50	200	5.37
¼	E2F2-S	¼ - 18 NPTF	303 SS	0.03	50	200	12.22
¼	E2BF2-B	¼ - 19 BSPP	Brass	0.03	50	200	22.89
⅜	E3F3	⅜ - 18 NPTF	Steel	0.05	50	200	6.20
⅜	E3F3-B	⅜ - 18 NPTF	Brass	0.05	50	200	7.88
⅜	E3F3-S	⅜ - 18 NPTF	303 SS	0.05	50	200	17.08
⅜	E3BF3-B	⅜ - 19 BSPP	Brass	0.05	50	200	18.51
½	E4F4	½ - 14 NPTF	Steel	0.09	35	140	7.84
½	E4F4-B	½ - 14 NPTF	Brass	0.10	35	140	11.30
½	E4F4-S	½ - 14 NPTF	303 SS	0.10	35	140	17.05
½	E4BF4-B	½ - 14 BSPP	Brass	0.10	35	140	23.03
¾	E6F6	¾ - 14 NPTF	Steel	0.14	25	100	20.93
¾	E6F6-B	¾ - 14 NPTF	Brass	0.14	25	100	18.36
¾	E6F6-S	¾ - 14 NPTF	303 SS	0.14	25	100	48.91
¾	E6BF6-B	¾ - 14 BSPP	Brass	0.14	25	100	17.79
1	E8F8	1 - 11½ NPTF	Steel	0.22	25	50	25.91
1	E8F8-B	1 - 11½ NPTF	Brass	0.23	25	50	21.95
1	E8F8-S	1 - 11½ NPTF	303 SS	0.23	25	50	49.25
1	E8BF8-B	1 - 11 BSPP	Brass	0.22	25	50	33.10
1¼	E10F10	1¼ - 11½ NPTF	Steel	0.38	-	10	67.09
1¼	E10F10-B	1¼ - 11½ NPTF	Brass	0.38	-	10	70.77
1¼	E10F10-S	1¼ - 11½ NPTF	303 SS	0.38	-	10	115.29
1½	E12F12	1½ - 11½ NPTF	Steel	0.65	-	5	79.73
1½	E12F12-B	1½ - 11½ NPTF	Brass	0.66	-	5	73.72
1½	E12F12-S	1½ - 11½ NPTF	303 SS	0.66	-	5	153.23
2	E16F16	2 - 11½ NPTF	Steel	0.86	-	1	186.87
2	E16F16-B	2 - 11½ NPTF	Brass	0.86	-	1	102.29
2	E16F16-S	2 - 11½ NPTF	303 SS	0.86	-	1	253.13



Female Thread



Price Group: PC

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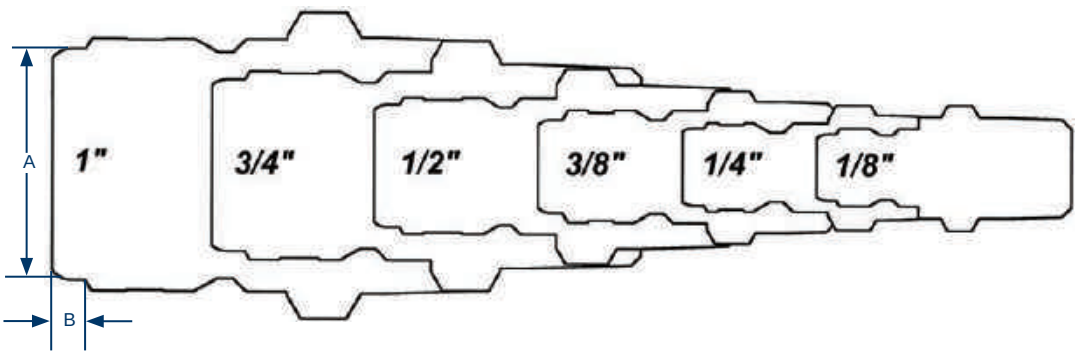
E-Series Profiles

Size (inch)	A (mm)	B (mm)
⅛	7.94	2.38
¼	9.53	3.18
⅜	12.70	3.18
½	15.88	3.18
¾	22.22	4.76
1	30.16	4.76
1¼	36.51	3.18
1½	44.45	4.76
2	58.74	4.76

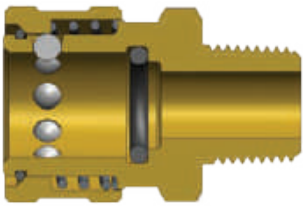


FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 317

E-Series Straight-Through Couplers



Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	1EM1-B	⅛ - 27 NPTF	Brass	0.03	250	500	9.10
⅛	1EM1-S	⅛ - 27 NPTF	303 SS	0.02	250	500	30.50
¼	2EM2-B	¼ - 18 NPTF	Brass	0.08	50	200	11.47
⅜	3EM3-B	⅜ - 18 NPTF	Brass	0.12	50	200	19.45
⅜	3EM3-S	⅜ - 18 NPTF	303 SS	0.11	50	200	31.50
½	4EM4-B	½ - 14 NPTF	Brass	0.18	25	100	25.11
½	4EM4-S	½ - 14 NPTF	303 SS	0.16	25	100	46.01
¾	6EM6-B	¾ - 14 NPTF	Brass	0.28	15	60	48.98
¾	6EM6-S	¾ - 14 NPTF	303 SS	0.26	15	60	69.41
1	8EM8-B	1 - 11½ NPTF	Brass	0.45	15	30	68.35
1	8EM8-S	1 - 11½ NPTF	303 SS	0.42	15	30	75.27
1¼	10EM10-B	1¼ - 11½ NPTF	Brass	0.74	-	10	132.80
1½	12EM12-B	1½ - 11½ NPTF	Brass	0.93	-	5	253.76
2	16EM16-B	2 - 11½ NPTF	Brass	1.43	-	1	323.98

Price Group: PC
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E-Series Straight-Through Nipples



Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	E1M1	⅛ - 27 NPTF	Steel	0.01	250	500	2.26
⅛	E1M1-B	⅛ - 27 NPTF	Brass	0.01	250	500	2.28
⅛	E1M1-S	⅛ - 27 NPTF	303 SS	0.01	250	500	12.18
¼	E2M2	¼ - 18 NPTF	Steel	0.02	50	200	3.42
¼	E2M2-B	¼ - 18 NPTF	Brass	0.03	50	200	3.62
¼	E2M2-S	¼ - 18 NPTF	303 SS	0.02	50	200	10.66
⅜	E3M3	⅜ - 18 NPTF	Steel	0.03	50	200	5.57
⅜	E3M3-B	⅜ - 18 NPTF	Brass	0.04	50	200	6.53
⅜	E3M3-S	⅜ - 18 NPTF	303 SS	0.04	50	200	14.99
½	E4M4	½ - 14 NPTF	Steel	0.06	35	140	7.15
½	E4M4-B	½ - 14 NPTF	Brass	0.07	35	140	8.22
½	E4M4-S	½ - 14 NPTF	303 SS	0.06	35	140	17.15
¾	E6M6	¾ - 14 NPTF	Steel	0.09	25	100	10.69
¾	E6M6-B	¾ - 14 NPTF	Brass	0.10	25	100	19.50
¾	E6M6-S	¾ - 14 NPTF	303 SS	0.10	25	100	24.51
1	E8M8	1 - 11½ NPTF	Steel	0.20	25	50	35.07
1	E8M8-B	1 - 11½ NPTF	Brass	0.22	25	50	36.03
1	E8M8-S	1 - 11½ NPTF	303 SS	0.20	25	50	46.55
1¼	E10M10	1¼ - 11½ NPTF	Steel	0.43	-	10	59.72
1¼	E10M10-B	1¼ - 11½ NPTF	Brass	0.43	-	10	83.06
1½	E12M12	1½ - 11½ NPTF	Steel	0.66	-	5	87.13
1½	E12M12-B	1½ - 11½ NPTF	Brass	0.66	-	5	89.47
2	E16M16	2 - 11½ NPTF	Steel	0.70	-	1	192.19
2	E16M16-B	2 - 11½ NPTF	Brass	0.68	-	1	150.20

Price Group: PC
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FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 317

E-Series Straight-Through Couplers

Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2ES2-B	¼	Brass	0.07	50	200	42.14
⅜	3ES3-B	⅜	Brass	0.09	50	200	50.98
½	4ES4-B	½	Brass	0.14	25	100	40.50
¾	6ES6-B	¾	Brass	0.20	15	60	65.53
1	8ES8-B	1	Brass	0.30	15	30	106.17

Price Group: PC

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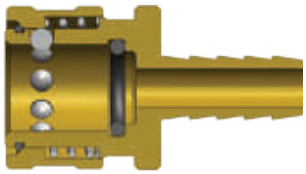
Hose Barb



E-Series Straight-Through Nipples

Size (inch)	Part No.	Hose ID (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	E2S2	¼	Steel	0.02	50	200	18.53
¼	E2S2-B	¼	Brass	0.03	50	200	20.49
⅜	E3S3	⅜	Steel	0.04	50	200	18.53
⅜	E3S3-B	⅜	Brass	0.04	50	200	14.38
½	E4S4	½	Steel	0.06	35	140	11.13
½	E4S4-B	½	Brass	0.06	35	140	21.38
¾	E6S6	¾	Steel	0.09	25	100	19.07
¾	E6S6-B	¾	Brass	0.09	25	100	40.02
1	E8S8	1	Steel	0.20	25	50	27.59
1	E8S8-B	1	Brass	0.20	25	50	55.53

Price Group: PC

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Hose Barb



E-Series Straight-Through Coupler Seal Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kits Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2E-SKIT	all	Nitrile	Body O-ring	25	200	1.63
¼	F-2E-SKIT	all	FKM	Body O-ring	25	200	2.33
¼	P-2E-SKIT	all	EPDM	Body O-ring	25	200	2.51
⅜	3E-SKIT	all	Nitrile	Body O-ring	25	200	1.63
⅜	F-3E-SKIT	all	FKM	Body O-ring	25	200	2.25
⅜	P-3E-SKIT	all	EPDM	Body O-ring	25	200	1.96
½	4E-SKIT	all	Nitrile	Body O-ring	25	200	1.65
½	F-4E-SKIT	all	FKM	Body O-ring	25	200	2.25
½	P-4E-SKIT	all	EPDM	Body O-ring	25	200	2.36
¾	6E-SKIT	all	Nitrile	Body O-ring	25	200	1.69
¾	F-6E-SKIT	all	FKM	Body O-ring	25	200	3.11
¾	P-6E-SKIT	all	EPDM	Body O-ring	25	200	2.68
1	8E-SKIT	all	Nitrile	Body O-ring	25	200	1.75
1	F-8E-SKIT	all	FKM	Body O-ring	25	200	3.84
1	P-8E-SKIT	all	EPDM	Body O-ring	25	200	2.60
1¼	10E-SKIT	all	Nitrile	Body O-ring	25	-	1.84
1¼	F-10E-SKIT	all	FKM	Body O-ring	25	-	4.01
1¼	P-10E-SKIT	all	EPDM	Body O-ring	25	-	20.11
1½	12E-SKIT	all	Nitrile	Body O-ring	25	-	4.93
1½	F-12E-SKIT	all	FKM	Body O-ring	25	-	6.19
1½	P-12E-SKIT	all	EPDM	Body O-ring	25	-	5.77
2	16E-SKIT	all	Nitrile	Body O-ring	25	-	2.13
2	F-16E-SKIT	all	FKM	Body O-ring	25	-	8.54
2	P-16E-SKIT	all	EPDM	Body O-ring	25	-	5.14

Price Group: PC

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FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 317

V-Series Snap-Tite H/H Interchange

Materials:	• Machined components are manufactured using solid steel, brass or 316 stainless steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel coupler sleeves are hardened to resist deformation and maximise service life. • Steel nipples are machined from high-strength steel and induction hardened. • Tubular 'TV' valves are constructed from steel bar stock and are designed for optimum performance in pneumatic applications.
Seal Components:	• Nitrile (Buna-N) seals are standard, providing a temperature range of -40°C to 121°C. • All couplers incorporate a PTFE anti-extrusion ring to protect the seal components from dynamic impulse damage. • ¼" to 1" valve seals are crimped in place to maintain integrity during excessive flow conditions and pressurised connection. • 1¼" to 2" valve O-rings are retained by a unique seal-groove profile and are field replaceable.
Interchange Data:	• Interchangeable to MIL-C-51234 • Snap-Tite H/H and Faster TNV/TNL

Note: Air flow data is presented using a coupler with a 'TV' valve and unvalved nipple. This configuration provides the optimal performance for pneumatic applications.

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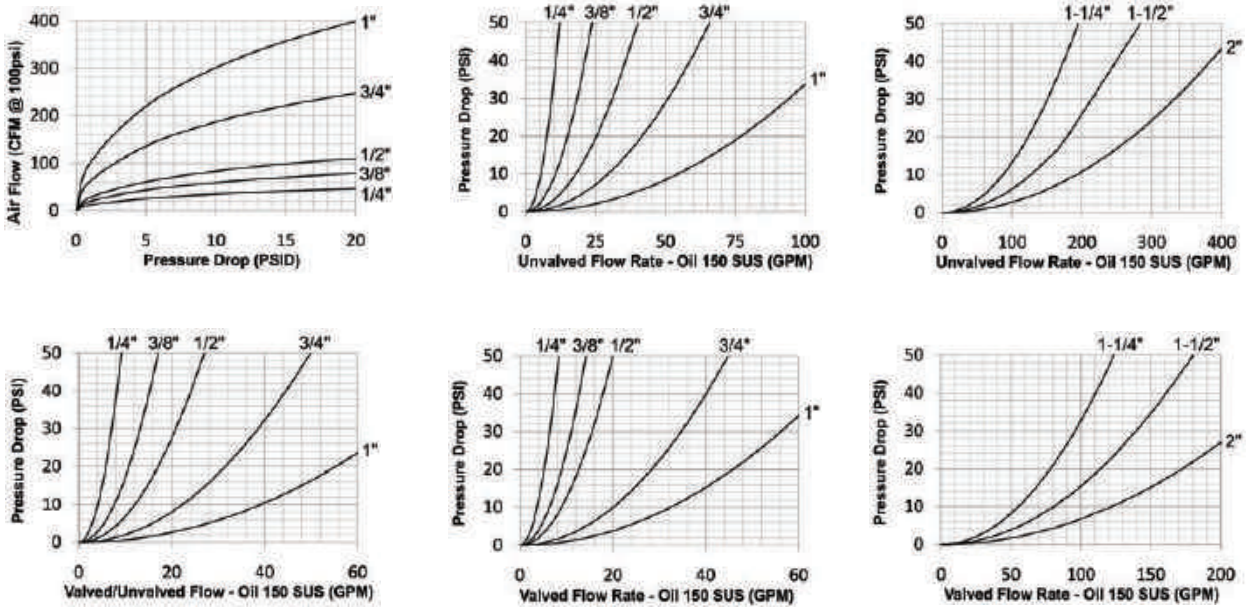
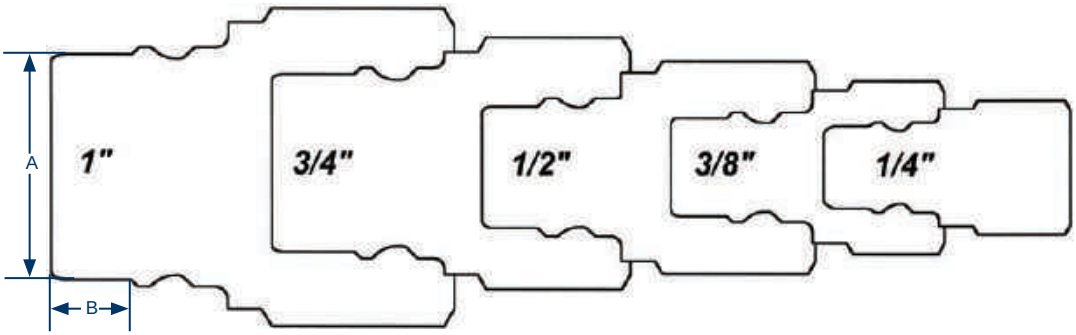


V-Series Profiles



Size (inch)	A (mm)	B (mm)
¼	11.11	6.35
⅜	12.70	7.14
½	15.88	7.93
¾	23.81	9.53
1	30.10	9.53

V-Series Snap-Tite H/H Interchange

Size (inch)	Steel Coupler / Plug Valved Coupled				Brass Coupler / Plug Valved Coupled				316 SS Coupler / Plug Valved Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	6500	450	12700	876	2250	150	5000	345	5000	345	10000	700
⅜	4500	310	10500	700	2250	150	5300	350	4000	275	8000	550
½	4000	275	9600	650	2000	130	5700	390	3750	260	7500	500
¾	3500	240	9100	600	2000	130	5300	350	2000	130	7500	500
1	2000	130	9500	650	1750	120	5000	345	2000	130	5000	345
1¼	1750	120	5000	345	350	24	1000	70	1500	100	3000	200
1½	1500	100	5000	345	350	24	1200	80	1500	100	3000	200
2	1500	100	4000	275	400	28	1000	70	500	34	1000	70

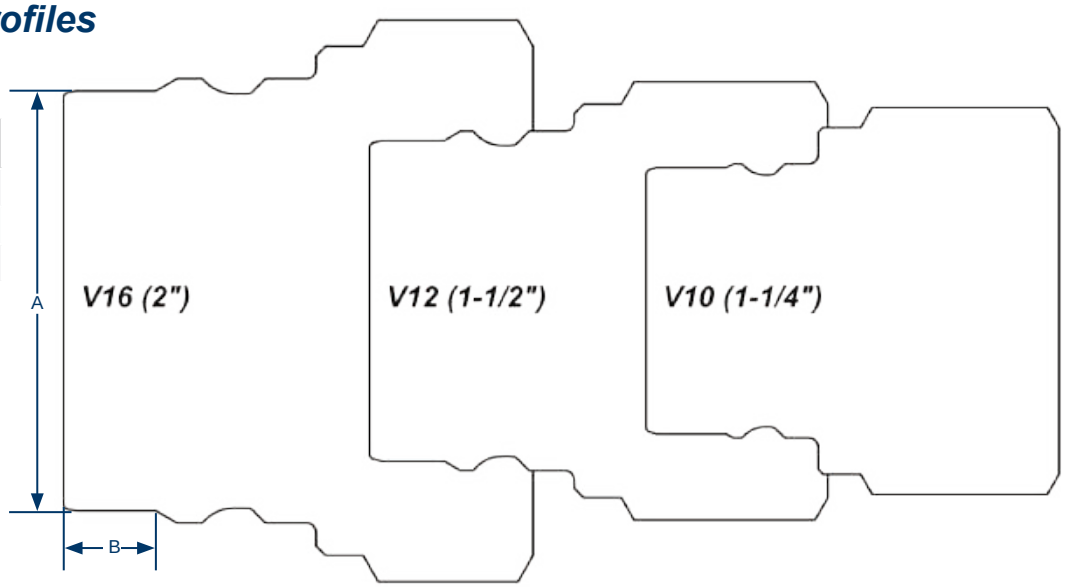
Size (inch)	Steel Coupler / Plug Unvalved Coupled				Brass Coupler / Plug Unvalved Coupled				316 SS Coupler / Plug Unvalved Coupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
¼	11000	760	29500	2000	4000	275	14200	980	10000	670	29200	2000
⅜	11000	760	29900	2000	4000	275	14500	1000	8000	550	27900	1900
½	11000	760	29300	2000	4000	275	14500	1000	8000	550	24600	1700
¾	9000	620	19300	1300	3500	250	11100	750	7000	480	22600	1500
1	6000	400	15900	1100	3000	200	8200	560	4000	275	15500	1000
1¼	5000	345	10000	700	1000	70	4000	275	3000	200	10000	700
1½	5000	345	10000	700	1000	70	4000	275	3000	200	10000	700
2	4000	275	8000	550	750	50	2800	190	1000	70	6000	400

Interchange Standards				Functional Parameters				
Size (inch)	US Military	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	MIL-C-51234	-	-	6	2.0cc	0.2cc	26.7	21
⅜	MIL-C-51234	-	-	6	3.5cc	3.2cc	26.7	36
½	MIL-C-51234	-	-	9	4.0cc	4.0cc	26.7	49
¾	MIL-C-51234	-	-	9	14.0cc	14.0cc	26.7	113
1	MIL-C-51234	-	-	12	21.0cc	20.0cc	26.7	181
1¼	MIL-C-51234	-	-	12	45.0cc	45.0cc	N/R	310
1½	MIL-C-51234	-	-	12	80.0cc	80.0cc	N/R	454
2	MIL-C-51234	-	-	12	150.0cc	150.0cc	N/R	700

Note: Minimum burst pressure ratings were established under laboratory conditions using a Static Burst Unit (SBU). For high impulse applications and to meet Det Norske Veritas (DNV) compliance, the operating pressure must be divided by two (2) to ensure a 4:1 safety factor during system operation.

Large V-Series Profiles

Size (inch)	A (mm)	B (mm)
1¼	15.88	12.70
1½	44.21	12.70
2	65.09	14.29

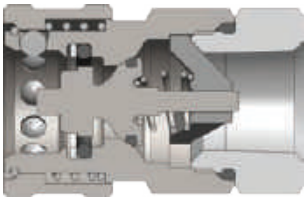


FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Valved Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2VF1	⅛ - 27 NPTF	Steel	0.10	5	50	60.19
¼	2VF2	¼ - 18 NPTF	Steel	0.09	5	50	33.21
¼	2VF2-B	¼ - 18 NPTF	Brass	0.09	5	50	50.71
¼	2VF2-SS	¼ - 18 NPTF	316 SS	0.09	5	50	122.85
¼	2VBF2	¼ - 19 BSPP	Steel	0.09	5	50	45.31
¼	2VBF2-B	¼ - 19 BSPP	Brass	0.09	5	50	57.47
¼	2VBF2-SS	¼ - 19 BSPP	316 SS	0.09	5	50	160.63
¼	2VOF2	7/16 - 20 ORB	Steel	0.10	5	50	55.94
⅜	3VF3	⅜ - 18 NPTF	Steel	0.17	5	50	55.38
⅜	3VF3-B	⅜ - 18 NPTF	Brass	0.17	5	50	58.57
⅜	3VF3-SS	⅜ - 18 NPTF	316 SS	0.17	5	50	209.64
⅜	3VBF3	⅜ - 19 BSPP	Steel	0.17	5	50	54.40
⅜	3VBF3-B	⅜ - 19 BSPP	Brass	0.17	5	50	62.81
⅜	3VBF3-SS	⅜ - 19 BSPP	316 SS	0.17	5	50	196.31
⅜	3VOF3	9/16 - 18 ORB	Steel	0.18	5	50	72.85
⅜	3VF4	½ - 14 NPTF	Steel	0.22	5	50	84.41
½	4VF4	½ - 14 NPTF	Steel	0.22	5	25	61.97
½	4VF4-B	½ - 14 NPTF	Brass	0.22	5	25	91.08
½	4VF4-SS	½ - 14 NPTF	316 SS	0.23	5	25	294.23
½	4VBF4	½ - 14 BSPP	Steel	0.22	5	25	46.26
½	4VBF4-B	½ - 14 BSPP	Brass	0.22	5	25	78.17
½	4VBF4-SS	½ - 14 BSPP	316 SS	0.23	5	25	258.55
½	4VOF4	¾ - 16 ORB	Steel	0.24	5	25	67.46
½	4VF6	¾ - 14 NPTF	Steel	0.26	5	25	67.41
¾	6VF6	¾ - 14 NPTF	Steel	0.40	5	20	75.10
¾	6VF6-B	¾ - 14 NPTF	Brass	0.40	5	20	113.05
¾	6VF6-SS	¾ - 14 NPTF	316 SS	0.43	5	20	303.33
¾	6VBF6	¾ - 14 BSPP	Steel	0.40	5	20	72.18
¾	6VBF6-B	¾ - 14 BSPP	Brass	0.40	5	20	106.33
¾	6VBF6-SS	¾ - 14 BSPP	316 SS	0.43	5	20	323.73
¾	6VOF6	1 1/16 - 12 ORB	Steel	0.45	5	20	102.60
1	8VF8	1 - 11½ NPTF	Steel	0.60	-	10	180.14
1	8VF8-B	1 - 11½ NPTF	Brass	0.60	-	10	193.29
1	8VF8-SS	1 - 11½ NPTF	316 SS	0.60	-	10	393.22
1	8VBF8	1 - 11 BSPP	Steel	0.60	-	10	126.20
1	8VBF8-B	1 - 11 BSPP	Brass	0.60	-	10	208.97
1	8VBF8-SS	1 - 11 BSPP	316 SS	0.60	-	10	412.53
1	8VOF8	1 5/16 - 12 ORB	Steel	0.64	-	10	161.46

Price Group: PC

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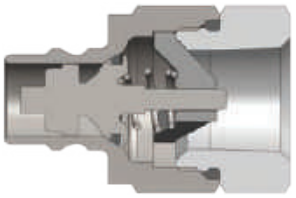
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Valved Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2F1	⅛ - 27 NPTF	Steel	0.08	5	50	51.18
¼	V2F2	¼ - 18 NPTF	Steel	0.06	5	50	27.73
¼	V2F2-B	¼ - 18 NPTF	Brass	0.06	5	50	34.97
¼	V2F2-SS	¼ - 18 NPTF	316 SS	0.07	5	50	136.47
¼	V2BF2	¼ - 19 BSPP	Steel	0.05	5	50	43.21
¼	V2BF2-B	¼ - 19 BSPP	Brass	0.05	5	50	39.86
¼	V2BF2-SS	¼ - 19 BSPP	316 SS	0.05	5	50	96.72
¼	V2OF2	7/16 - 20 ORB	Steel	0.07	5	50	47.12
⅜	V3F3-B	⅜ - 18 NPTF	Brass	0.10	5	50	66.81
⅜	V3F3-SS	⅜ - 18 NPTF	316 SS	0.10	5	50	157.53
⅜	V3BF3	⅜ - 19 BSPP	Steel	0.10	5	50	42.34
⅜	V3BF3-B	⅜ - 19 BSPP	Brass	0.10	5	50	68.24
⅜	V3BF3-SS	⅜ - 19 BSPP	316 SS	0.10	5	50	120.55
⅜	V3OF3	9/16 - 18 ORB	Steel	0.11	5	50	56.57
⅜	V3F4	½ - 14 NPTF	Steel	0.12	5	50	58.32
½	V4F4	½ - 14 NPTF	Steel	0.14	5	25	36.83
½	V4F4-SS	½ - 14 NPTF	316 SS	0.14	5	25	218.69
½	V4BF4	½ - 14 BSPP	Steel	0.14	5	25	38.44
½	V4BF4-B	½ - 14 BSPP	Brass	0.14	5	25	60.67
½	V4BF4-SS	½ - 14 BSPP	316 SS	0.14	5	25	160.17
½	V4OF4	¾ - 16 ORB	Steel	0.15	5	25	58.01
½	V4F6	¾ - 14 NPTF	Steel	0.17	5	25	58.52
¾	V6F6	¾ - 14 NPTF	Steel	0.27	5	20	57.97
¾	V6F6-B	¾ - 14 NPTF	Brass	0.27	5	20	102.99
¾	V6F6-SS	¾ - 14 NPTF	316 SS	0.27	5	20	206.50
¾	V6BF6	¾ - 14 BSPP	Steel	0.27	5	20	59.76
¾	V6BF6-B	¾ - 14 BSPP	Brass	0.27	5	20	95.80
¾	V6BF6-SS	¾ - 14 BSPP	316 SS	0.28	5	20	232.47
¾	V6OF6	1 1/16 - 12 ORB	Steel	0.30	5	20	97.06
1	V8F8	1 - 11½ NPTF	Steel	0.42	-	10	111.44
1	V8F8-B	1 - 11½ NPTF	Brass	0.42	-	10	157.39
1	V8F8-SS	1 - 11½ NPTF	316 SS	0.43	-	10	322.48
1	V8BF8	1 - 11 BSPP	Steel	0.42	-	10	116.28
1	V8BF8-B	1 - 11 BSPP	Brass	0.43	-	10	167.95
1	V8BF8-SS	1 - 11 BSPP	316 SS	0.42	-	10	655.10
1	V8OF8	1 5/16 - 12 ORB	Steel	0.44	-	10	126.57



Female Thread



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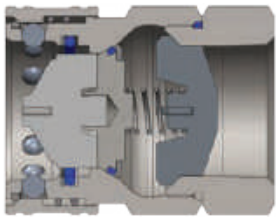
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Valved Couplers



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1¼	10VF10	1¼ - 11½ NPTF	Steel	0.88	-	10	198.94
1¼	10VF10-B	1¼ - 11½ NPTF	Brass	0.88	-	10	289.65
1¼	10VF10-SS	1¼ - 11½ NPTF	316 SS	0.88	-	10	499.29
1¼	10VBF10	1¼ - 11 BSPP	Steel	0.88	-	10	198.66
1¼	10VBF10-B	1¼ - 11 BSPP	Brass	0.88	-	10	300.92
1¼	10VBF10-SS	1¼ - 11 BSPP	316 SS	0.88	-	10	439.94
1¼	10VOF10	1⅝ - 12 ORB	Steel	0.87	-	10	205.41
1½	12VF12	1½ - 11½ NPTF	Steel	1.33	-	5	248.89
1½	12VF12-B	1½ - 11½ NPTF	Brass	1.33	-	5	456.66
1½	12VF12-SS	1½ - 11½ NPTF	316 SS	1.33	-	5	693.08
1½	12VBF12	1½ - 11 BSPP	Steel	1.33	-	5	292.10
1½	12VBF12-B	1½ - 11 BSPP	Brass	1.33	-	5	388.65
1½	12VBF12-SS	1½ - 11 BSPP	316 SS	1.33	-	5	593.30
1½	12VOF12	1⅞ - 12 ORB	Steel	1.36	-	5	257.26
2	16VF16	2 - 11½ NPTF	Steel	2.81	-	5	551.81
2	16VF16-B	2 - 11½ NPTF	Brass	2.81	-	5	816.65
2	16VF16-SS	2 - 11½ NPTF	316 SS	2.81	-	5	978.98
2	16VBF16	2 - 11 BSPP	Steel	2.81	-	5	553.59
2	16VBF16-B	2 - 11 BSPP	Brass	2.81	-	5	829.08
2	16VBF16-SS	2 - 11 BSPP	316 SS	2.81	-	5	940.53

Price Group: PC

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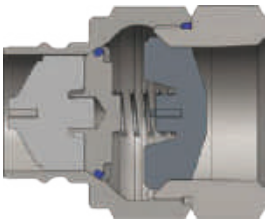
V-Series Snap-Tite H/H Interchange Valved Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
1¼	V10F10	1¼ - 11½ NPTF	Steel	0.23	-	10	174.20
1¼	V10F10-B	1¼ - 11½ NPTF	Brass	0.23	-	10	226.55
1¼	V10F10-SS	1¼ - 11½ NPTF	316 SS	0.22	-	10	353.96
1¼	V10BF10	1¼ - 11 BSPP	Steel	0.23	-	10	170.97
1¼	V10BF10-B	1¼ - 11 BSPP	Brass	0.23	-	10	238.46
1¼	V10BF10-SS	1¼ - 11 BSPP	316 SS	0.23	-	10	318.47
1¼	V10OF10	1⅝ - 12 ORB	Steel	0.27	-	10	177.72
1½	V12F12	1½ - 11½ NPTF	Steel	0.97	-	5	250.68
1½	V12F12-B	1½ - 11½ NPTF	Brass	0.97	-	5	346.21
1½	V12F12-SS	1½ - 11½ NPTF	316 SS	0.97	-	5	549.25
1½	V12BF12	1½ - 11 BSPP	Steel	0.97	-	5	321.31
1½	V12BF12-B	1½ - 11 BSPP	Brass	0.97	-	5	279.80
1½	V12BF12-SS	1½ - 11 BSPP	316 SS	0.97	-	5	454.58
1½	V12OF12	1⅞ - 12 ORB	Steel	1.00	-	5	226.86
2	V16F16	2 - 11½ NPTF	Steel	2.15	-	5	439.20
2	V16F16-B	2 - 11½ NPTF	Brass	2.15	-	5	500.87
2	V16F16-SS	2 - 11½ NPTF	316 SS	2.15	-	5	707.87
2	V16BF16	2 - 11 BSPP	Steel	2.15	-	5	447.08
2	V16BF16-B	2 - 11 BSPP	Brass	2.15	-	5	536.00
2	V16BF16-SS	2 - 11 BSPP	316 SS	2.15	-	5	669.42

Price Group: PC

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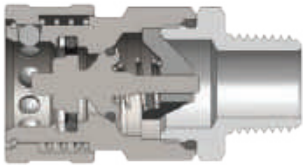
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Valved Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2VM2	¼ - 18 NPTF	Steel	0.10	5	50	36.23
¼	2VM2-B	¼ - 18 NPTF	Brass	0.10	5	50	60.11
¼	2VM2-SS	¼ - 18 NPTF	316 SS	0.10	5	50	173.88
⅜	3VM3	⅜ - 18 NPTF	Steel	0.11	5	50	87.03
⅜	3VM3-B	⅜ - 18 NPTF	Brass	0.11	5	50	80.91
⅜	3VM3-SS	⅜ - 18 NPTF	316 SS	0.12	5	50	199.20
½	4VM4	½ - 14 NPTF	Steel	0.22	5	25	76.04
½	4VM4-B	½ - 14 NPTF	Brass	0.22	5	25	94.26
½	4VM4-SS	½ - 14 NPTF	316 SS	0.27	5	25	252.25
¾	6VM6	¾ - 14 NPTF	Steel	0.42	5	20	109.42
¾	6VM6-B	¾ - 14 NPTF	Brass	0.41	5	20	165.55
¾	6VM6-SS	¾ - 14 NPTF	316 SS	0.41	5	20	322.50
1	8VM8	1 - 11½ NPTF	Steel	0.61	-	10	176.01
1	8VM8-B	1 - 11½ NPTF	Brass	0.60	-	10	202.99
1	8VM8-SS	1 - 11½ NPTF	316 SS	0.63	-	10	440.27
1¼	10VM10	1¼ - 11½ NPTF	Steel	0.83	-	10	263.15
1¼	10VM10-B	1¼ - 11½ NPTF	Brass	0.81	-	10	347.77
1¼	10VM10-SS	1¼ - 11½ NPTF	316 SS	0.81	-	10	434.52
1½	12VM12	1½ - 11½ NPTF	Steel	1.35	-	5	307.75
1½	12VM12-B	1½ - 11½ NPTF	Brass	1.34	-	5	418.85
1½	12VM12-SS	1½ - 11½ NPTF	316 SS	1.34	-	5	658.55
2	16VM16	2 - 11½ NPTF	Steel	2.72	-	5	595.36
2	16VM16-B	2 - 11½ NPTF	Brass	2.72	-	5	878.78
2	16VM16-SS	2 - 11½ NPTF	316 SS	2.72	-	5	1126.70



Male Thread



Price Group: PC

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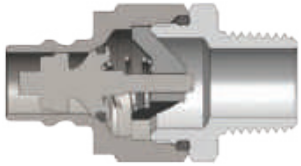
V-Series Snap-Tite H/H Interchange Valved Nipples

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2M2	¼ - 18 NPTF	Steel	0.07	5	50	31.47
¼	V2M2-B	¼ - 18 NPTF	Brass	0.07	5	50	37.60
¼	V2M2-SS	¼ - 18 NPTF	316 SS	0.07	5	50	184.87
⅜	V3M3	⅜ - 18 NPTF	Steel	0.10	5	50	60.58
⅜	V3M3-B	⅜ - 18 NPTF	Brass	0.10	5	50	86.34
⅜	V3M3-SS	⅜ - 18 NPTF	316 SS	0.10	5	50	123.43
½	V4M4	½ - 14 NPTF	Steel	0.14	5	25	69.96
½	V4M4-B	½ - 14 NPTF	Brass	0.14	5	25	72.30
½	V4M4-SS	½ - 14 NPTF	316 SS	0.14	5	25	190.82
¾	V6M6	¾ - 14 NPTF	Steel	0.28	5	20	105.98
¾	V6M6-B	¾ - 14 NPTF	Brass	0.28	5	20	158.33
¾	V6M6-SS	¾ - 14 NPTF	316 SS	0.28	5	20	230.81
1	V8M8	1 - 11½ NPTF	Steel	0.49	-	10	144.33
1	V8M8-B	1 - 11½ NPTF	Brass	0.49	-	10	168.87
1	V8M8-SS	1 - 11½ NPTF	316 SS	0.52	-	10	369.53
1¼	V10M10	1¼ - 11½ NPTF	Steel	0.59	-	10	235.45
1¼	V10M10-B	1¼ - 11½ NPTF	Brass	0.59	-	10	285.31
1¼	V10M10-SS	1¼ - 11½ NPTF	316 SS	0.61	-	10	313.06
1½	V12M12	1½ - 11½ NPTF	Steel	1.03	-	5	277.36
1½	V12M12-B	1½ - 11½ NPTF	Brass	1.03	-	5	310.00
1½	V12M12-SS	1½ - 11½ NPTF	316 SS	1.06	-	5	519.03
2	V16M16	2 - 11½ NPTF	Steel	2.16	-	5	488.86
2	V16M16-B	2 - 11½ NPTF	Brass	2.16	-	5	548.81
2	V16M16-SS	2 - 11½ NPTF	316 SS	2.17	-	5	850.11



Male Thread



Price Group: PC

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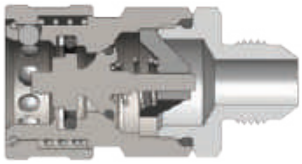
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Valved Couplers - JIC



JIC Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2VJM2	7/16 - 20 JIC	Steel	0.11	5	50	126.90
⅜	3VJM3	9/16 - 18 JIC	Steel	0.14	5	50	70.27
½	4VJM4	¾ - 16 JIC	Steel	0.23	5	25	66.41
¾	6VJM6	1 1/16 - 12 JIC	Steel	0.45	5	20	101.43
1	8VJM8	1 5/16 - 12 JIC	Steel	0.67	-	10	178.46

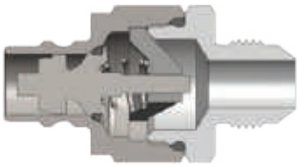
Price Group: PC

AP11

V-Series Snap-Tite H/H Interchange Valved Nipples - JIC



JIC Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	V3JM3	9/16 - 18 JIC	Steel	0.11	5	50	44.18
½	V4JM4	¾ - 16 JIC	Steel	0.17	5	25	56.74
¾	V6JM6	1 1/16 - 12 JIC	Steel	0.32	5	20	95.90
1	V8JM8	1 5/16 - 12 JIC	Steel	0.61	-	10	146.79

Price Group: PC

AP11

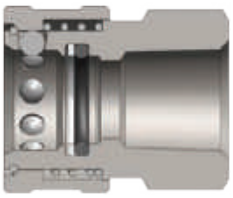
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Unvalved Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2VF2-E	¼ - 18 NPTF	Steel	0.08	5	50	23.32
¼	2VF2-B-E	¼ - 18 NPTF	Brass	0.08	5	50	30.26
¼	2VF2-SS-E	¼ - 18 NPTF	316 SS	0.08	5	50	93.62
¼	2VBF2-E	¼ - 19 BSPP	Steel	0.08	5	50	24.40
¼	2VBF2-B-E	¼ - 19 BSPP	Brass	0.08	5	50	52.70
¼	2VBF2-SS-E	¼ - 19 BSPP	316 SS	0.08	5	50	119.50
⅜	3VF3-E	⅜ - 18 NPTF	Steel	0.13	5	50	38.60
⅜	3VBF3-E	⅜ - 19 BSPP	Steel	0.12	5	50	39.80
⅜	3VBF3-B-E	⅜ - 19 BSPP	Brass	0.13	5	50	37.20
⅜	3VBF3-SS-E	⅜ - 19 BSPP	316 SS	0.12	5	50	96.10
½	4VF4-E	½ - 14 NPTF	Steel	0.18	5	25	30.57
½	4VF4-B-E	½ - 14 NPTF	Brass	0.18	5	25	71.31
½	4VF4-SS-E	½ - 14 NPTF	316 SS	0.17	5	25	186.69
½	4VBF4-E	½ - 14 BSPP	Steel	0.16	5	25	31.10
½	4VBF4-B-E	½ - 14 BSPP	Brass	0.17	5	25	45.40
½	4VBF4-SS-E	½ -14 BSPP	316 SS	0.16	5	25	149.66
¾	6VF6-E	¾ - 14 NPTF	Steel	0.29	5	20	35.97
¾	6VF6-B-E	¾ - 14 NPTF	Brass	0.28	5	20	82.91
¾	6VF6-SS-E	¾ - 14 NPTF	316 SS	0.28	5	20	195.38
¾	6VBF6-E	¾ - 14 BSPP	Steel	0.29	5	20	38.90
¾	6VBF6-B-E	¾ - 14 BSPP	Brass	0.31	5	20	56.20
¾	6VBF6-SS-E	¾ - 14 BSPP	316 SS	0.29	5	20	198.80
1	8VF8-E	1 - 11½ NPTF	Steel	0.48	-	10	71.40
1	8VF8-B-E	1 - 11½ NPTF	Brass	0.46	-	10	74.14
1	8VF8-SS-E	1 - 11½ NPTF	316 SS	0.46	-	10	245.34
1"	8VBF8-E	1" - 11 BSPP	Steel	0.42	-	10	62.20
1"	8VBF8-B-E	1" - 11 BSPP	Brass	0.46	-	10	76.20
1"	8VBF8-SS-E	1" - 11 BSPP	316 SS	0.42	-	10	206.80
1¼	10VF10-E	1¼ - 11½ NPTF	Steel	0.49	-	10	128.65
1¼	10VF10-B-E	1¼ - 11½ NPTF	Brass	0.50	-	10	195.97
1¼	10VBF10-E	1¼ - 11 BSPP	Steel	0.47	-	10	160.55
1¼	10VBF10-B-E	1¼ - 11 BSPP	Brass	0.50	-	10	147.40
1½	12VF12-E	1½ - 11½ NPTF	Steel	0.81	-	5	172.56
1½	12VF12-B-E	1½ - 11½ NPTF	Brass	0.81	-	5	234.05
1½	12VF12-SS-E	1½ - 11½ NPTF	316 SS	0.81	-	5	314.35
2	16VF16-E	2 - 11½ NPTF	Steel	1.42	-	5	319.69
2	16VF16-SS-E	2 - 11½ NPTF	316 SS	1.42	-	5	552.31



Female Thread



Price Group: PC

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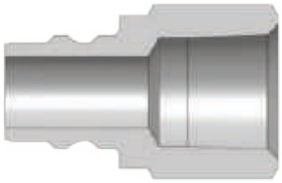
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 322

V-Series Snap-Tite H/H Interchange Unvalved Nipples



Female Thread



Size (inch)	Part No.	Female Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2F2-E	¼ - 18 NPTF	Steel	0.02	5	50	19.11
¼	V2F2-B-E	¼ - 18 NPTF	Brass	0.03	5	50	46.28
¼	V2F2-SS-E	¼ - 18 NPTF	316 SS	0.03	5	50	58.28
¼	V2BF2-E	¼ - 19 BSPP	Steel	0.02	5	50	24.20
¼	V2BF2-B-E	¼ - 19 BSPP	Brass	0.02	5	50	48.20
¼	V2BF2-SS-E	¼ - 19 BSPP	316 SS	0.02	5	50	46.10
⅜	V3F3-E	⅜ - 18 NPTF	Steel	0.04	5	50	40.21
⅜	V3F3-B-E	⅜ - 18 NPTF	Brass	0.04	5	50	162.37
⅜	V3F3-SS-E	⅜ - 18 NPTF	316 SS	0.04	5	50	57.22
⅜	V3BF3-E	⅜ - 19 BSPP	Steel	0.04	5	50	41.30
⅜	V3BF3-B-E	⅜ - 19 BSPP	Brass	0.04	5	50	33.80
⅜	V3BF3-SS-E	⅜ - 19 BSPP	316 SS	0.04	5	50	49.50
½	V4F4-E	½ - 14 NPTF	Steel	0.08	5	25	34.28
½	V4F4-B-E	½ - 14 NPTF	Brass	0.08	5	25	30.93
½	V4F4-SS-E	½ - 14 NPTF	316 SS	0.08	5	25	65.85
½	V4BF4-E	½ - 14 BSPP	Steel	0.08	5	25	53.60
½	V4BF4-B-E	½ - 14 BSPP	Brass	0.08	5	25	28.30
½	V4BF4-SS-E	½ - 14 BSPP	316 SS	0.08	5	25	66.13
¾	V6F6-E	¾ - 14 NPTF	Steel	0.10	5	20	31.96
¾	V6F6-B-E	¾ - 14 NPTF	Brass	0.10	5	20	25.13
¾	V6F6-SS-E	¾ - 14 NPTF	316 SS	0.10	5	20	78.84
¾	V6BF6-E	¾ - 14 BSPP	Steel	0.10	5	20	23.10
¾	V6BF6-B-E	¾ - 14 BSPP	Brass	0.10	5	20	24.70
¾	V6BF6-SS-E	¾ - 14 BSPP	316 SS	0.10	5	20	78.40
1	V8F8-E	1 - 11½ NPTF	Steel	0.17	-	10	41.50
1	V8F8-B-E	1 - 11½ NPTF	Brass	0.17	-	10	41.98
1	V8F8-SS-E	1 - 11½ NPTF	316 SS	0.17	-	10	130.75
1	V8BF8-E	1 - 11 BSPP	Steel	0.17	-	10	36.90
1	V8BF8-B-E	1 - 11 BSPP	Brass	0.18	-	10	42.10
1	V8BF8-SS-E	1 - 11 BSPP	316 SS	0.17	-	10	87.00
1¼	V10F10-E	1¼ - 11½ NPTF	Steel	0.26	-	10	128.19
1¼	V10F10-B-E	1¼ - 11½ NPTF	Brass	0.25	-	10	131.84
1¼	V10BF10-E	1¼ - 11 BSPP	Steel	0.27	-	10	122.00
1¼	V10BF10-B-E	1¼ - 11 BSPP	Brass	0.29	-	10	73.30
1½	V12F12-E	1½ - 11½ NPTF	Steel	0.38	-	5	88.02
1½	V12F12-B-E	1½ - 11½ NPTF	Brass	0.38	-	5	267.22
1½	V12F12-SS-E	1½ - 11½ NPTF	316 SS	0.38	-	5	141.84
2	V16F16-E	2 - 11½ NPTF	Steel	0.61	-	5	142.61
2	V16F16-SS-E	2 - 11½ NPTF	316 SS	0.61	-	5	232.67

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V-Series Snap-Tite H/H Interchange Unvalved Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2VM2-E	¼ - 18 NPTF	Steel	0.09	5	50	101.05
¼	2VM2-B-E	¼ - 18 NPTF	Brass	0.09	5	50	116.46
¼	2VM2-SS-E	¼ - 18 NPTF	316 SS	0.09	5	50	177.61

Price Group: PC

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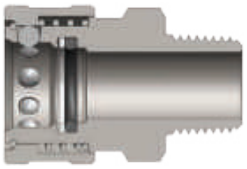
Male Thread



V-Series Snap-Tite H/H Interchange Unvalved Nipples

Size (inch)	Part No.	Male Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2M2-E	¼ - 18 NPTF	Steel	0.07	5	50	10.19
¼	V2M2-B-E	¼ - 18 NPTF	Brass	0.07	5	50	13.77
¼	V2M2-SS-E	¼ - 18 NPTF	316 SS	0.07	5	50	45.58
⅜	V3M3-E	⅜ - 18 NPTF	Steel	0.05	5	50	41.71
⅜	V3M3-B-E	⅜ - 18 NPTF	Brass	0.05	5	50	33.66
⅜	V3M3-SS-E	⅜ - 18 NPTF	316 SS	0.05	5	50	65.05
½	V4M4-E	½ - 14 NPTF	Steel	0.06	5	25	29.78
½	V4M4-B-E	½ - 14 NPTF	Brass	0.06	5	25	30.64
½	V4M4-SS-E	½ - 14 NPTF	316 SS	0.06	5	25	71.80
¾	V6M6-E	¾ - 14 NPTF	Steel	0.14	5	20	36.74
¾	V6M6-B-E	¾ - 14 NPTF	Brass	0.13	5	20	32.31
¾	V6M6-SS-E	¾ - 14 NPTF	316 SS	0.13	5	20	122.50
1	V8M8-E	1 - 11½ NPTF	Steel	0.18	-	10	46.75
1	V8M8-B-E	1 - 11½ NPTF	Brass	0.18	-	10	65.51
1	V8M8-SS-E	1 - 11½ NPTF	316 SS	0.18	-	10	162.38
1¼	V10M10-E	1¼ - 11½ NPTF	Steel	0.37	-	10	80.70
2	V16M16-SS-E	2 - 11½ NPTF	316 SS	0.65	-	5	228.97

Price Group: PC

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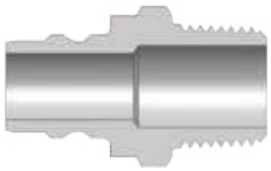
Male Thread



V-Series Dust Caps & Dust Plugs

Size (inch)	Part No.	Material	Pkg Qty		Price $ (ea)
			Bag	Box	
⅜	3VDP-V3DC	Nitrile	10	50	6.34
½	4VDP-V4DC	Nitrile	10	50	9.46
¾	6VDP-V6DC	Nitrile	5	25	8.14
1	8VDP-V8DC	Nitrile	5	25	12.82

Price Group: PC

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V-Series Coupler Rigid Dust Plugs



Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅜	3VDP-A	SS Bead Chain	Aluminium	0.01	5	50	43.69
½	4VDP-A	SS Bead Chain	Aluminium	0.01	5	25	38.58
¾	6VDP-A	SS Bead Chain	Aluminium	0.04	5	20	54.42
1	8VDP-A	SS Bead Chain	Aluminium	0.06	-	10	83.18
1¼	10VDP-A	SS Bead Chain	Aluminium	0.13	-	10	77.68
1½	12VDP-A	SS Bead Chain	Aluminium	0.14	-	10	94.46
2	16VDP-A	SS Bead Chain	Aluminium	0.22	-	10	149.83

Price Group: PC

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V-Series Nipple Rigid Dust Caps



Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2DC-A	SS Bead Chain	Aluminium	0.01	5	50	40.04
½	V4DC-A	SS Bead Chain	Aluminium	0.06	5	25	52.38
¾	V6DC-A	SS Bead Chain	Aluminium	0.09	5	20	56.67
1	V8DC-A	SS Bead Chain	Aluminium	0.12	-	10	54.43
1¼	V10DC-A	SS Bead Chain	Aluminium	0.11	-	10	80.76
1½	V12DC-A	SS Bead Chain	Aluminium	0.17	-	10	86.11
2	V16DC-A	SS Bead Chain	Aluminium	0.24	-	10	170.94

Price Group: PC

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V-Series Snap-Tite H/H Interchange Coupler Seal Kits

Size (inch)	Part No.	Coupler Style	Seal Material	Seal Kit Contents	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2V-SKIT	All	Nitrile	Body / Adaptor O-rings & PTFE Back-up	25	200	3.07
⅜	3V-SKIT	All	Nitrile	Body / Adaptor O-rings & PTFE Back-up	25	200	4.47
½	4V-SKIT	All	Nitrile	Body / Adaptor O-rings & PTFE Back-up	25	200	3.16
¾	6V-SKIT	All	Nitrile	Body / Adaptor O-rings & PTFE Back-up	25	200	2.93
1¼	10V-SKIT	All	Nitrile	Body / Adaptor / Valve O-rings & Back-up	10	50	6.85
1½	12V-SKIT	All	Nitrile	Body / Adaptor / Valve O-rings & Back-up	10	50	17.28
2	16V-SKIT	All	Nitrile	Body / Adaptor / Valve O-rings & Back-up	10	50	14.52

Price Group: PC

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V-Series Snap-Tite H/H Interchange Coupler Repair Kits

Size (inch)	Part No.	Coupler Material	Seal Material	Repair Kit Contents (for one coupler)	Pkg Qty		Price $ (ea)
					Bag	Box	
¾	6V-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	22.71
1	8V-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	67.87

Price Group: PC

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V-Series Snap-Tite H/H Interchange Nipple Repair Kits

Size (inch)	Part No.	Coupler Material	Seal Material	Repair Kit Contents (for one coupler)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	V2-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	13.60
⅜	V3-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	15.70
½	V4-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	16.35
¾	V6-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	24.96
1	V8-RKIT	Steel	Nitrile	Steel Valve Assembly & Adaptor O-ring	1	25	24.60

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CVV-Series European Screw-Together Interchange

Materials:	• Machined components are manufactured using solid steel bar stock. • Steel retaining rings and springs maximise service life in rugged environments. • Steel componentry is plated using ROHS Compliant Trivalent Chrome.
Seal Components:	• Nitrile (Buna-N) seals are standard, providing a temperature range of -25°C to 125°C. • Nipples have a PTFE anti-extrusion ring to prevent O-ring damage during dynamic impulse service.
Interchange Data:	• European screw-together interchange. • Inteva STG-Series, Faster CVV-Series, DNP PVV3, Voswinkel Type-HS.

Size (inch)	Coupler / Plug Coupled			
	Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar
¼	6500	450	26000	1800
⅜	6500	450	26000	1800
½	5800	400	23200	1600
¾	5800	400	23200	1600
1	4400	300	17600	1300
1¼	4400	300	17600	1200

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Mechanism	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
¼	-	-	-	-	Threaded	N/A	N/A	27.4	26
⅜	-	-	-	-	Threaded	N/A	N/A	27.4	37
½	-	-	-	-	Threaded	N/A	N/A	27.4	56
¾	-	-	-	-	Threaded	N/A	N/A	27.4	98
1	-	-	-	-	Threaded	N/A	N/A	27.4	170
1¼	-	-	-	-	Threaded	N/A	N/A	27.4	265

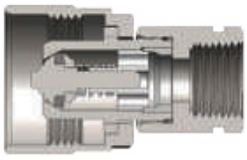
Note: Threaded sleeves enable easy connection and disconnection while system is under residual pressure only.

CVV-Series European Interchange Couplers

Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2CVVF2	¼ - 18 NPTF	Steel	0.12	10	50	58.10
¼	2CVVBF2	¼ - 19 BSPP	Steel	0.12	10	50	58.12
¼	2CVVFM1415	M14X1.5	Steel	0.13	10	50	60.15
⅜	3CVVF3	⅜ - 18 NPTF	Steel	0.23	10	30	62.28
⅜	3CVVBF3	⅜ - 19 BSPP	Steel	0.23	10	30	62.28
⅜	3CVVFM1615	M16X1.5	Steel	0.22	10	30	58.95
½	4CVVF4	½ - 14 NPTF	Steel	0.34	5	25	75.24
½	4CVVOF4	¾ - 16 ORB	Steel	0.34	5	25	70.17
½	4CVVBF4	½ - 14 BSPP	Steel	0.34	5	25	68.38
½	4CVVFM1815	M18X1.5	Steel	0.35	5	25	69.41
½	4CVVOF5	⅞ - 14 ORB	Steel	0.35	5	25	70.17
½	4CVVFM2215	M22X1.5	Steel	0.34	5	25	95.98
¾	6CVVF6	¾ - 14 NPTF	Steel	0.58	-	10	112.62
¾	6CVVBF6	¾ - 14 BSPP	Steel	0.58	-	10	170.58
¾	6CVVFM2215	M22X1.5	Steel	0.58	-	10	112.03
1	8CVVF8	1 - 11½ NPTF	Steel	0.81	-	10	158.32
1	8CVVBF8	1 - 11 BSPP	Steel	0.81	-	10	155.82
1¼	10CVVF10	1¼ - 11½ NPTF	Steel	1.20	-	10	448.39
1¼	10CVVBF10	1¼ - 11 BSPP	Steel	1.20	-	10	488.76



Female Thread



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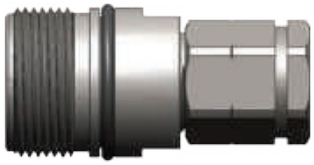
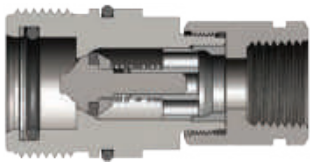
CVV-Series European Interchange Nipples



Female Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	CVV2F2	¼ - 18 NPTF	Steel	0.11	10	50	43.92
¼	CVV2BF2	¼ - 19 BSPP	Steel	0.11	10	50	43.92
¼	CVV2FM1415	M14X1.5	Steel	0.10	10	50	55.52
⅜	CVV3F3	⅜ - 18 NPTF	Steel	0.22	10	30	46.39
⅜	CVV3BF3	⅜ - 19 BSPP	Steel	0.22	10	30	46.39
⅜	CVV3FM1615	M16X1.5	Steel	0.21	10	30	50.89
½	CVV4F4	½ - 14 NPTF	Steel	0.34	5	25	61.21
½	CVV4OF4	¾ - 16 ORB	Steel	0.34	5	25	56.14
½	CVV4BF4	½ - 14 BSPP	Steel	0.34	5	25	57.36
½	CVV4FM1815	M18X1.5	Steel	0.35	5	25	53.67
½	CVV4OF5	⅞ - 14 ORB	Steel	0.35	5	25	56.14
½	CVV4FM2215	M22X1.5	Steel	0.34	5	25	58.16
¾	CVV6F6	¾ - 14 NPTF	Steel	0.58	-	10	93.52
¾	CVV6BF6	¾ - 14 BSPP	Steel	0.58	-	10	138.08
¾	CVV6FM2215	M22X1.5	Steel	0.58	-	10	93.26
1	CVV8F8	1 - 11½ NPTF	Steel	0.81	-	10	150.92
1	CVV8BF8	1 - 11 BSPP	Steel	0.81	-	10	145.49
1¼	CVV10F10	1¼ - 11½ NPTF	Steel	1.20	-	10	357.05
1¼	CVV10BF10	1¼ - 11 BSPP	Steel	1.20	-	10	357.05

Price Group: PC

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CVV-Series European Interchange Dust Plugs



Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	2CVVDP	Plastic	Plastic	0.01	5	25	24.98
⅜	3CVVDP	Plastic	Plastic	0.01	5	25	10.81
½	4CVVDP	Plastic	Plastic	0.03	5	25	12.44
¾	6CVVDP	Plastic	Plastic	0.03	5	25	20.08
1	8CVVDP	Plastic	Plastic	0.04	5	25	13.78
1¼	10CVVDP	Plastic	Plastic	0.05	-	10	18.99

Price Group: PC

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CVV-Series European Interchange Dust Caps



Size (inch)	Part No.	Lanyard	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
¼	CVV2DC	Plastic	Plastic	0.01	5	25	26.88
⅜	CVV3DC	Plastic	Plastic	0.01	5	25	10.27
½	CVV4DC	Plastic	Plastic	0.02	5	25	6.16
¾	CVV6DC	Plastic	Plastic	0.04	5	25	34.94
1	CVV8DC	Plastic	Plastic	0.04	5	25	32.04
1¼	CVV10DC	Plastic	Plastic	0.07	-	10	13.88

Price Group: PC

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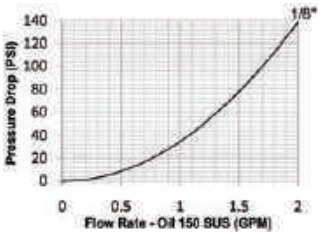
FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 333

PD-Series ISO15171-1 Diagnostic Interchange

Materials:	• Machined components are manufactured using solid steel bar stock. • Stainless steel balls, retaining rings and springs maximise corrosion resistance and extend service life. • Steel componentry is plated using ROHS Compliant Trivalent Chrome. • Steel nipples are machined from solid steel bar stock and hardened.
Seal Components:	• Nitrile (Buna-N) seals are standard, providing a temperature range of -40°C to 121°C. • PTFE anti-extrusion ring protects main coupler O-ring from dynamic impulse pressure damage.
Interchange Data:	• Interchangeable to ISO15171-1 • Parker PD-Series, Aeroquip FD90, Tomco Series DK



Size (inch)	Steel Coupler / Plug Coupled				Steel Plug Uncoupled			
	Working Pressure		Burst Pressure		Working Pressure		Burst Pressure	
	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar
⅛	6000	400	18700	1300	6000	400	24000	1600

Interchange Standards					Functional Parameters				
Size (inch)	US Military	US Government	International Standards	ANSI / NFPA Standards	Locking Ball Qty	Air Inclusion	Fluid Loss	Vacuum Inch HG	Flow (Lpm) ΔP = 22 PSI
⅛	-	-	ISO15171-1	SAE J1502	10	0.02	0.1	27.4	3.0

G

PD-Series ISO15171-1 Diagnostic Interchange Couplers

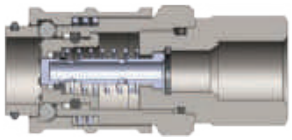
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	1PDF1	⅛ - 27 NPT	Steel	0.08	10	100	25.45
⅛	1PDF2	¼ - 18 NPT	Steel	0.07	10	100	25.45

Price Group: PC

AP15



Female Thread



PD-Series ISO15171-1 Diagnostic Interchange Nipples

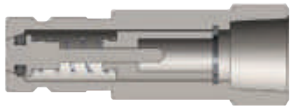
Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	PD1F1	⅛ - 27 NPT	Steel	0.02	10	100	11.39
⅛	PD1F2	¼ - 18 NPT	Steel	0.02	10	100	11.39

Price Group: PC

AP15



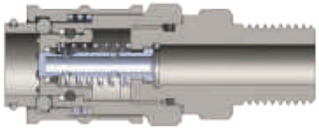
Female Thread



PD-Series ISO15171-1 Diagnostic Interchange Couplers



Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	1PDM2	¼ - 18 NPT	Steel	0.08	10	100	25.45

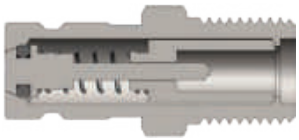
Price Group: PC

AP15

PD-Series ISO15171-1 Diagnostic Interchange Nipples



Male Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	PD1M1	⅛ - 27 NPT	Steel	0.02	10	100	13.52
⅛	PD1M2	¼ - 18 NPT	Steel	0.02	10	100	13.52

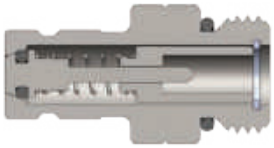
Price Group: PC

AP15

PD-Series ISO15171-1 Diagnostic Interchange Nipples - ORB



Male ORB Thread



Size (inch)	Part No.	Thread Size (inch)	Body Material	Weight (kg)	Pkg Qty		Price $ (ea)
					Bag	Box	
⅛	PD1OM2	7/16 - 20 ORB	Steel	0.03	10	100	13.52
⅛	PD1OM3	9/16 - 18 ORB	Steel	0.03	10	100	16.57

Price Group: PC

AP15

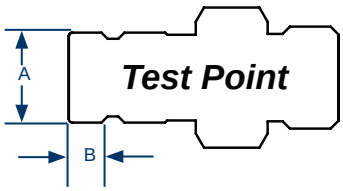
PD-Series Nipple Dust Cap

Size (inch)	Part No.	Body Material	Pkg Qty		Price $ (ea)
			Bag	Box	
⅛	H1DC	Nitrile	5	50	3.60

Price Group: PC

AP03

PD-Series Profile



Size (inch)	A (mm)	B (mm)
⅛	12.70	4.76

FOR TECHNICAL GUIDELINES PLEASE REFER TO PAGE 335

H

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Hygienic, Fittings, Valves & Hose Assemblies



We are pleased to offer our customers one of the most extensive ranges for Food, Beverage, Pharmaceutical and Fine Chemical applications.

- Fittings & Clamps
- Gauges
- Valves
- Actuation
- Custom Fabrication
- Hose Assemblies



The Dixon™ range compliments the Holedall™ Hygienic and Food Grade Hose range enabling Dixon to offer a complete package of fittings and hose assemblies. Many items are ex-stock and we can accommodate made to order, on very short lead times.

Dixon prides itself with an extensive National Distribution footprint, engineering and design capabilities as well as global manufacturing and hose assembly facilities.





Elastomer and Thermoplastic Characteristics

Material	Buna	EPDM	FKM	PTFE	Silicone
Temperature	-50°C to 120°C	-48°C to 135°C	-30°C to 200°C	-35°C to 140°C	-35°C to 230°C
Acid	Good	Good to Excellent	Good to Excellent	Good to Excellent	Poor to Good
Alkali	Fair to Good	Good to Excellent	Poor to Good	Excellent	Poor to Fair
Fats / Oils	Good to Excellent	Poor	Good to Excellent	Excellent	Poor to Good
Taste	Good	Good	Good	Excellent	Good
Odour	Good	Good	Good	Excellent	Good
Abrasion Resistant	Excellent	Good	Good	Fair	Good
Compression Set	Good	Fair	Good to Excellent	Cold Flows	Good to Excellent

Hygienic Products Specifications

Material:	G-304 Stainless Steel R-316L Stainless Steel
Size Range:	½" to 12" OD
Finish:	No 7 - polished ID and OD Other finishes are available.



Finish Designations for Tubing and Fittings	
Finish No.	**Finish Conditions**
1	Mill Finish (bright annealed, pickled, sand blasted or tumbled).
3	Polished 180 grit inside diameter (ID) only.
5	Polished 150 grit outside diameter (OD) only.
7	Polished 180 grit outside / inside diameter (OD/ID).
3A	Polished 150 grit outside diameter (OD),180 grit inside diameter (ID)

Finish Specifications			
Process	**RA Micro (inch)**	**RA Microns**	**ISO Designation**
150 grit 150 grit & Electropolish	30 - 35 12 - 20	0.720 - 0.875 0.300 - 0.500	N6
180 grit 180 grit & Electropolish	20 - 25 10 - 16	0.500 - 0.625 0.250 - 0.400	---
240 grit 240 grit & Electropolish	15 - 20 8 - 12	0.375 - 0.500 0.200 - 0.300	N5
340 grit 340 grit & Electropolish	8 - 12 6 - 12	0.200 - 0.300 0.150 - 0.300	N6

Note: Additional improvements to the surface finish require buffing and further electropolishing. The effect is to improve the existing surface by about 50%.

Ordering Information & Part Numbers

Specify quantity, Size (½" to 12", equates 50 to 1200 in our part number system.)

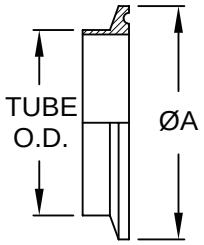
Specify Material either 304 (G) or 316L (R) Stainless Steel.

Examples: 5 off, RJT 1 inch Hex Nuts in 304 Stainless Steel: Part number 13H-G100RJT.
10 off, IDF 3 inch Weld Liner in 316 Stainless Steel: Part number 14A-R300IDF.

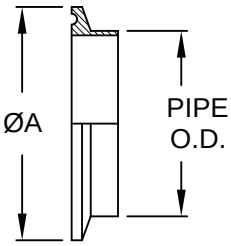
A Typical Complete Clamping Connection



Identifying Fittings - Clamp Ferrules



Tube



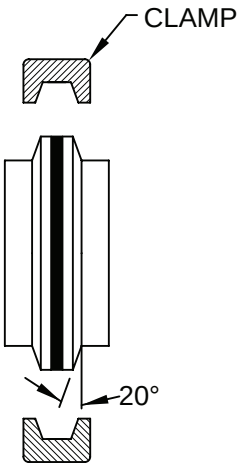
Pipe

Note:
Flanges are symmetrical.

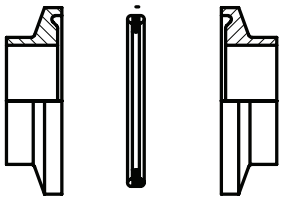
Tube OD (inches)	ØA (mm)
½	25.1
¾	25.1
1	50.5
1½	50.5
2	64.0
2½	77.5
3	91.0
4	119.0
5	166.1
6	212.5
8	218.5
10	268.4
12	319.2

Pipe Size (inches)	Pipe OD (inches)	ØA
1	1.315	1.984
1¼	1.660	2.516
1½	1.900	2.516
2	2.375	3.047
2½	2.875	3.579
3	3.500	4.125
4	4.500	5.125
6	6.625	7.195
8	8.625	9.200

Identifying Fittings - Clamp Connections



sizes 1" - 12"

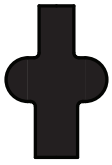


sizes ½" and ¾"

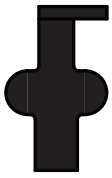
Identifying Fittings - Gaskets



Type 1
Standard
½" and ¾"



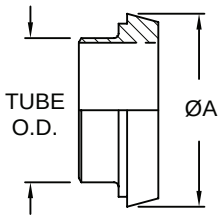
Type 1
Standard
1" - 12"



Type 2
Flanged
1" - 12"

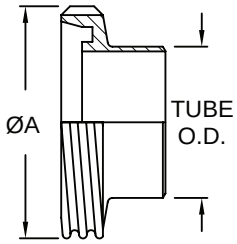
Identifying Fittings - DIN 11851 Ferrules

Tube OD (inches)	ØA (mm)
1	43.90
1½	55.88
2	68.07
2½	86.12
3	100.08
4	120.90



Linens

Tube OD (inches)	ØA (mm)
1	51.82
1½	65.02
2	77.98
2½	95.00
3	109.47
4	129.54

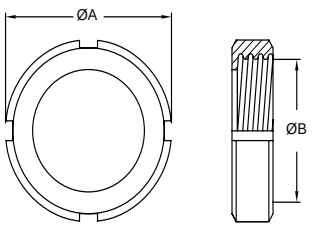


Males

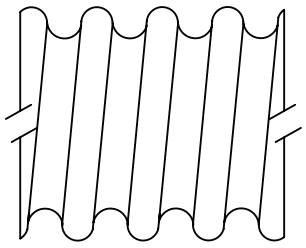
Identifying Fittings - DIN Round Nuts

Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	63.00	47.75	6
1½	40	77.98	60.71	6
2	50	91.95	73.66	6
2½	65	112.01	88.65	6
3	80	127.00	105.16	4
4	100	148.08	125.48	4

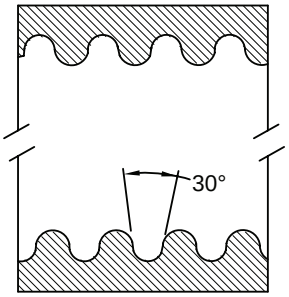
Note: Nuts 3" and larger will have 6 slots



Identifying Fittings - DIN Thread Form



Male Thread



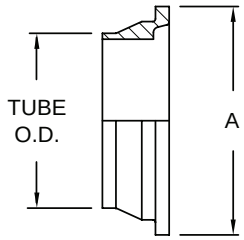
Female Thread

Identifying Fittings - Gasket



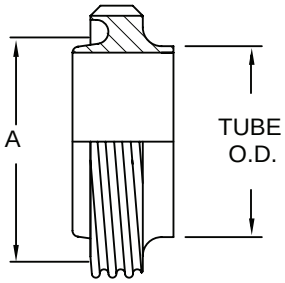
TYPE A TYPE B

Identifying Fittings - RJT Ferrules



Linens

Tube OD (inches)	ØA (mm)
1	41.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5

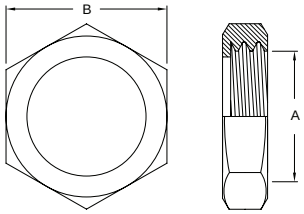


Males

Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5

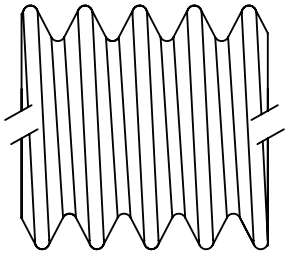
H

Identifying Fittings - RJT Hex Nuts

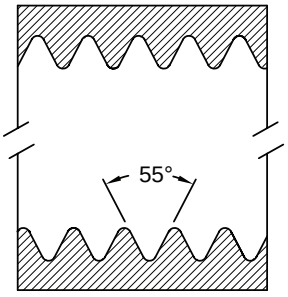


Tube OD (inches)	ØA Thread ID (mm)	B Across flats (mm)	Threads per inch
1	33.3	50.8	8
1½	46.0	65.0	8
2	58.7	79.4	6
2½	71.4	92.1	6
3	84.1	104.8	6
4	109.5	130.2	6

Identifying Fittings - RJT Thread Form (British Standard Witworth)

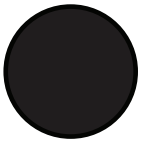


Male Thread



Female Thread

Identifying Fittings - Gasket

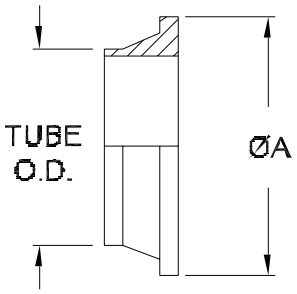


Also known as BSM (British Standard Milk) in Australia
modified into Australian CIP Union

Identifying Fittings - Australian CIP Flat Face Ferrules

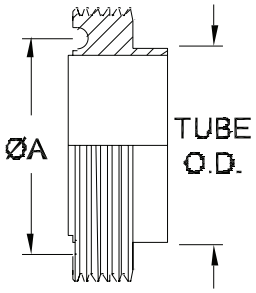
Weld Liners

Tube OD (inches)	ØA (mm)
1	41.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5



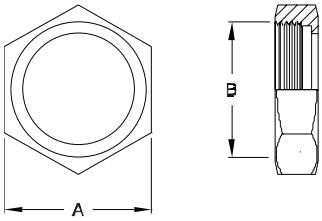
Weld Male

Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5

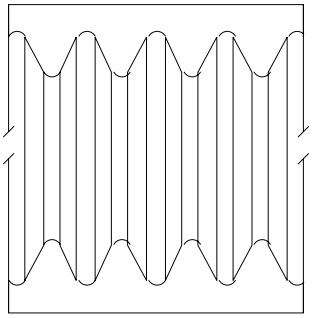


Identifying Fittings - Hex Nuts

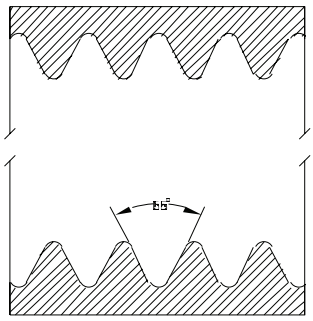
Tube OD (inches)	DN	B Thread ID (mm)	ØA (mm)	Threads per inch
1	25	33.3	50.8	6
1½	40	46.0	65.0	6
2	50	58.7	79.4	6
2½	65	71.4	92.1	6
3	80	84.1	104.8	4
4	100	109.5	130.2	4



Identifying Fittings - RJT Thread Form (British Standard Witworth)

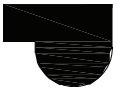


Male Thread



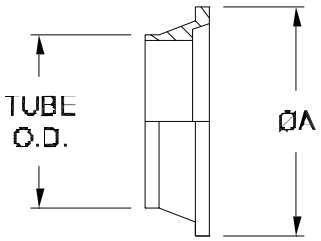
Female Thread

Identifying Fittings - Gasket



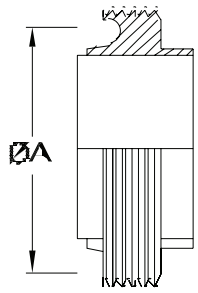
Also known as BSM (British Standard Milk) in Australia
modified into Australian CIP Union

Identifying Fittings - New Zealand RJT



Weld Male

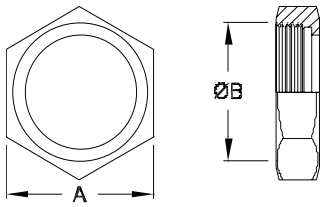
Tube OD (inches)	ØA (mm)
1	33.3
1½	46.0
2	58.7
2½	71.4
3	84.1
4	109.5



Weld Liners

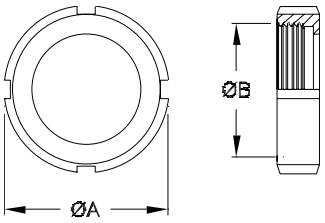
Tube OD (inches)	ØA (mm)
1	91.3
1½	54.0
2	66.7
2½	79.4
3	92.1
4	117.5

Identifying Fittings - Hex Nuts



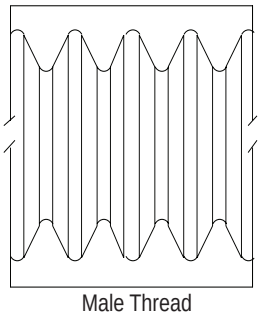
Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	50.8	33.3	6
1½	40	65.0	46.0	6
2	50	79.4	58.7	6
2½	65	92.1	71.4	6
3	80	104.8	84.1	4
4	100	130.2	109.5	4

Identifying Fittings - Round Nut

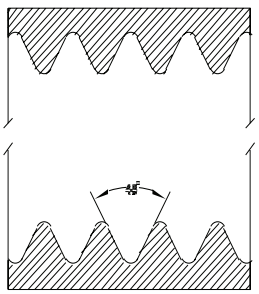


Tube OD (inches)	DN	ØA (mm)	B Thread ID (mm)	Threads per inch
1	25	58.5	33.3	6
1½	40	74.0	46.0	6
2	50	85.5	58.7	6
2½	65	98.5	71.4	6
3	80	111.6	84.1	4
4	100	138.0	109.5	4

Identifying Fittings - RJT Thread Form (British Standard Witworth)



Male Thread



Female Thread

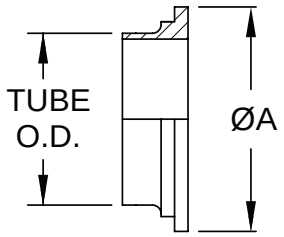
Identifying Fittings - Gasket



Identifying Fittings - SMS Ferrules

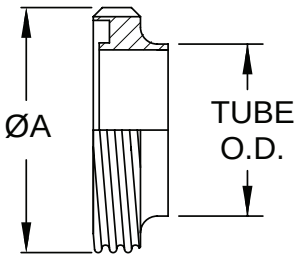
Males

Tube OD (inches)	ØA (mm)
1	39.37
1½	59.44
2	69.60
2½	84.58
3	97.54
4	124.46



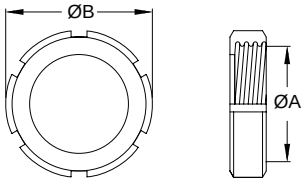
Weld Liner

Tube OD (inches)	ØA (mm)
1	35.56
1½	55.11
2	65.00
2½	80.01
3	92.96
4	118.11

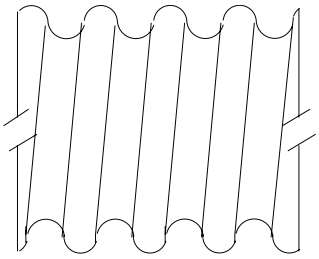


Identifying Fittings - Round Nut
All nuts have 6 slots

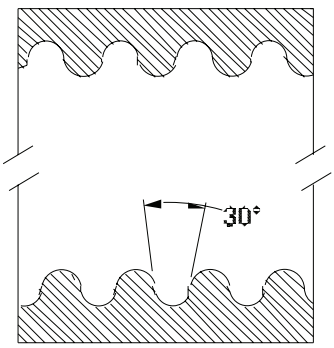
Tube OD (inches)	ØA Thread ID (mm)	ØB (mm)	Threads per inch
1	36.58	51.05	6
1½	56.39	73.90	6
2	66.55	84.07	6
2½	81.53	100.08	6
3	94.49	114.05	6
4	119.89	137.92	4



Identifying Fittings - SMS Thread Form (DIN 405/1)



Male Thread



Female Thread

Identifying Fittings - Gasket



L GASKET



R GASKET

BSM (RJT) Hex Nut RJT-13H



Standard:	RJT (BSM) AS1528.2 - 2001 screwed couplings	
Material:	304 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
13H-G100RJT	1	14.98
13H-G150RJT	1½	19.49
13H-G200RJT	2	23.92
13H-G250RJT	2½	31.34
13H-G300RJT	3	33.68
13H-G400RJT	4	43.45
13H-G600RJT	6	88.00

Price Group: DS

AV02

BSM (RJT) Blank Cap



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
13RBN-R100RJT	1	14.98
13RBN-R150RJT	1½	21.34
13RBN-R200RJT	2	29.15
13RBN-R250RJT	2½	35.82
13RBN-R300RJT	3	47.38
13RBN-R400RJT	4	73.77

Price Group: DS

AV02

BSM (RJT) Hex Blank Nut-13HBN



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
13HBN-R100RJT	1	48.71
13HBN-R150RJT	1½	60.22
13HBN-R200RJT	2	64.36
13HBN-R250RJT	2½	94.48
13HBN-R300RJT	3	113.76
13HBN-R400RJT	4	126.89

Price Group: DS

AV02

Double Rolled Hose Tail



Material:	304 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
HTWE-100	1	41.79
HTWE-150	1½	45.98
HTWE-200	2	50.11
HTWE-250	2½	62.67
HTWE-300	3	73.11
HTWE-400	4	104.41

Price Group: DS

AV11

BSM (RJT) Welding Male

Standard:	RJT (BSM) AS1528.2 - 2001 screwed couplings
Material:	316 Stainless Steel

Part No.	Size (inch)	Price $
RJT-15		
15A-R100RJT	1	16.78
15A-R150RJT	1½	22.12
15A-R200RJT	2	28.18
15A-R250RJT	2½	33.68
15A-R300RJT	3	41.83
15A-R400RJT	4	55.92
15A-R600RJT	6	97.55
RJT-15 CIP Flat Face		
15A-R100RJT-CIP	1	16.78
15A-R150RJT-CIP	1½	22.12
15A-R200RJT-CIP	2	28.18
15A-R250RJT-CIP	2½	33.68
15A-R300RJT-CIP	3	41.83
15A-R400RJT-CIP	4	55.92
15A-R600RJT-CIP	6	97.55





Price Group: DS
AV02

BSM (RJT) Welding Liner

Material:	316 Stainless Steel

Part No.	Size (inch)	Price $
RJT-14		
14A-R100RJT	1	10.39
14A-R150RJT	1½	11.62
14A-R200RJT	2	15.28
14A-R250RJT	2½	20.60
14A-R300RJT	3	24.53
14A-R400RJT	4	34.31
14A-R600RJT	6	72.64
RJT-14 CIP Flat Face		
14A-R100RJT-CIP	1	10.39
14A-R150RJT-CIP	1½	11.62
14A-R200RJT-CIP	2	15.28
14A-R250RJT-CIP	2½	20.60
14A-R300RJT-CIP	3	24.53
14A-R400RJT-CIP	4	34.31
14A-R600RJT-CIP	6	72.64





Price Group: DS
AV02

BSM (RJT) Single Sided Hex Wrench 25H

Material:	Aluminum

Part No.	Size (inch)	Price $
RJT-100SP	1	34.82
RJT-150SP	1½	46.04
RJT-200SP	2	75.73
RJT-250SP	2½	89.43
RJT-300SP	3	91.85
RJT-400SP	4	128.18
RJT-600SP	6	181.60



Price Group: DS
AV02

H

BSM (RJT) O-ring



Note: EPDM, FKM also available.

Standard:	RJT (BSM) AS1528.2 - 2001 screwed couplings

Buna - NBR

Part No.	Size (inch)	Price $
40MP-U100RJT	1	1.99
40MP-U150RJT	1½	1.99
40MP-U200RJT	2	1.99
40MP-U250RJT	2½	2.50
40MP-U300RJT	3	2.50
40MP-U400RJT	4	4.40

Price Group: DS
AV02



CIP Buna - NBR

Part No.	Size (inch)	Price $
40MP-U100RJT-CIP	1	1.99
40MP-U150RJT-CIP	1½	1.99
40MP-U200RJT-CIP	2	1.99
40MP-U250RJT-CIP	2½	2.50
40MP-U300RJT-CIP	3	2.50
40MP-U400RJT-CIP	4	4.40

Price Group: DS
AV02



EPDM

Part No.	Size (inch)	Price $
40MP-E100RJT	1	2.02
40MP-E150RJT	1½	2.02
40MP-E200RJT	2	1.99
40MP-E250RJT	2½	2.50
40MP-E300RJT	3	2.50
40MP-E400RJT	4	4.40
40MP-E600RJT	6	16.60

Price Group: DS
AV02



CIP EPDM

Part No.	Size (inch)	Price $
40MP-E100RJT-CIP	1	1.99
40MP-E150RJT-CIP	1½	1.99
40MP-E200RJT-CIP	2	1.99
40MP-E250RJT-CIP	2½	2.50
40MP-E300RJT-CIP	3	2.50
40MP-E400RJT-CIP	4	4.40
40MP-E600RJT-CIP	6	16.60

Price Group: DS
AV02

DIN Weld Male

Material:	316 Stainless Steel

Part No.	Size	Price $
15A-R50DIN	DN15	41.51
15A-R75DIN	DN20	41.51
15A-R100DIN	DN25	37.59
15A-R150DIN	DN40	46.26
15A-R200DIN	DN50	54.99
15A-R250DIN	DN65	83.85
15A-R300DIN	DN80	104.15
15A-R400DIN	DN100	143.17

Price Group: DS
AV10



DIN Weld Liner

Material:	316 Stainless Steel

Part No.	Size	Price $
14A-R50DIN	DN15	28.02
14A-R75DIN	DN20	28.02
14A-R100DIN	DN25	24.57
14A-R150DIN	DN40	36.13
14A-R200DIN	DN50	40.54
14A-R250DIN	DN65	62.16
14A-R300DIN	DN80	81.02
14A-R400DIN	DN100	112.76

Price Group: DS
AV10



DIN Round Nut 11851

Standards:	DIN 11851 / 11887, Couplings & Gaskets
Material:	304 stainless steel

Part No.	Size	Price $
13R-G50DIN	DN15	44.62
13R-G75DIN	DN20	44.62
13R-G100DIN	DN25	39.09
13R-G150DIN	DN40	47.77
13R-G200DIN	DN50	56.44
13R-G250DIN	DN65	73.78
13R-G300DIN	DN80	98.31
13R-G400DIN	DN100	115.66

Price Group: DS
AV10



DIN Blank

Material:	316 Stainless Steel

Part No.	Size	Price $
16AMP-R100DIN	DN25	69.39
16AMP-R150DIN	DN40	86.74
16AMP-R200DIN	DN50	104.08
16AMP-R250DIN	DN65	121.44
16AMP-R300DIN	DN80	138.79
16AMP-R400DIN	DN100	173.49

Price Group: DS
AV10



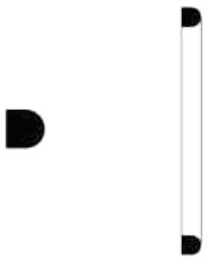
Gaskets for DIN

Standards:	DIN 11851 / 11887, Couplings & Gaskets

EPDM

Part No.	Size	Price $
40MP-E100DIN	DN25	7.22
40MP-E150DIN	DN40	7.22
40MP-E200DIN	DN50	8.67
40MP-E250DIN	DN65	11.56
40MP-E300DIN	DN80	14.47
40MP-E400DIN	DN100	20.24

Price Group: DS
AV10



SMS Nut 6 Slots SMS-13R



Material:	304 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
13R-G100SMS	1	33.90
13R-G150SMS	1½	47.15
13R-G200SMS	2	54.53
13R-G250SMS	2½	69.27
13R-G300SMS	3	85.48
13R-G400SMS	4	103.16

Price Group: DS
AV05

SMS Blank Cap



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
16AMP-R100SMS	1	58.94
16AMP-R150SMS	1½	73.69
16AMP-R200SMS	2	88.43
16AMP-R250SMS	2½	103.16
16AMP-R300SMS	3	117.91
16AMP-R400SMS	4	147.38

Price Group: DS
AV05

H

SMS Blank Nut 6 Slots with Chain



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
13RBN-R100SMS	1	42.04
13RBN-R150SMS	1½	68.20
13RBN-R200SMS	2	84.35
13RBN-R250SMS	2½	122.73
13RBN-R300SMS	3	159.05
13RBN-R400SMS	4	214.33

Price Group: DS
AV05

SMS Weld Male



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
15A-R100SMS	1	29.48
15A-R150SMS	1½	51.59
15A-R200SMS	2	56.00
15A-R250SMS	2½	75.16
15A-R300SMS	3	89.90
15A-R400SMS	4	113.49

Price Group: DS
AV05

SMS Long Weld Liner



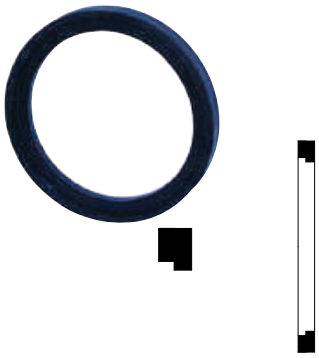
Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
14A-R100SMS	1	23.58
14A-R150SMS	1½	30.96
14A-R200SMS	2	35.37
14A-R250SMS	2½	42.74
14A-R300SMS	3	58.94
14A-R400SMS	4	68.17

Price Group: DS
AV05

SMS Seal Ring L Type

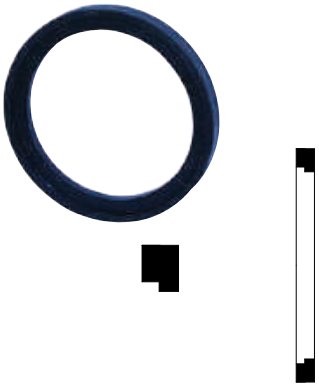
Silicone		
Part No.	**Size (inch)**	**Price $**
40MP-XW150SMS	1½	2.00
40MP-XW150SMS	2	2.00
40MP-XW250SMS	2½	2.48

Price Group: DS
AV05



EPDM		
Part No.	**Size (inch)**	**Price $**
40MP-E100SMS	1	2.00
40MP-E150SMS	1½	2.00
40MP-E200SMS	2	2.00
40MP-E250SMS	2½	2.48
40MP-E300SMS	3	2.48
40MP-E400SMS	4	2.39

Price Group: DS
AV05



H

Wine Weld Male



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
15A-R100WM	1	55.02
15A-R150WM	1½	58.94
15A-R200WM	2	62.89
15A-R250WM	2½	86.46
15A-R300WM	3	98.25
15A-R400WM	4	172.92

Price Group: DS
AV11

Wine Weld Liner



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
14A-R100WL	1	47.15
14A-R150WL	1½	47.15
14A-R200WL	2	51.10
14A-R250WL	2½	90.89
14A-R300WL	3	94.32
14A-R400WL	4	157.20

Price Group: DS
AV11

H

Wine Weld Nut - Brass



Part No.	Size (inch)	Price $
13W-B100WN	1	129.69
13W-B150WN	1½	137.55
13W-B200WN	2	145.41
13W-B250WN	2½	188.64
13W-B300WN	3	196.50
13W-B400WN	4	282.96

Price Group: DS
AV11

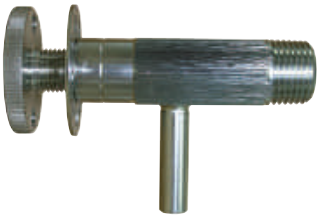
Wine Gasket



Material:	EPDM	
Part No.	**Size (inch)**	**Price $**
40MP-E100W	1	6.67
40MP-E150W	1½	6.67
40MP-E200W	2	5.74
40MP-E250W	2½	7.64
40MP-E300W	3	9.54
40MP-E400W	4	18.13

Price Group: DS
AV11

BSP Lockable Sample Tap



Material:	316 Stainless Steel	
Part No.	**Size (inch)**	**Price $**
BSVWBS-R50	½	129.69

Price Group: DS
AV11

Sanitary Clamps

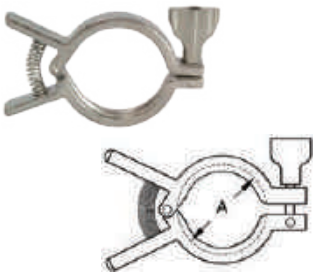
The 3A Sanitary Standard was created by the dairy industry as a voluntary benchmark for product performance and sanitary safety. The standard, developed by a group of processors, suppliers, regulatory officials and sanitation specialists, is generally accepted by federal, state and local regulatory authorities.

Dixon™ is proud to be a participant in the 3A program. Our products have earned the 3A symbol, which requires an annual assessment to make certain each product conforms in all respects to the published standard.

Single Pin Squeeze Clamps - 13MHHM-Q

Tube OD (inch)	Service Pressure Rating @ 21°C* (PSI)	Dimensions (A)	304 Stainless Steel	
			Part No.	Price $
½ - ¾	1500	1.062	13MHHM-Q75	35.93
1 - 1½	500	2.122	13MHHM-Q100150	44.35
2	450	2.654	13MHHM-Q200	51.76
2½	400	3.185	13MHHM-Q250	67.27
3	350	3.717	13MHHM-Q300	70.07
4	300	4.820	13MHHM-Q400	81.18

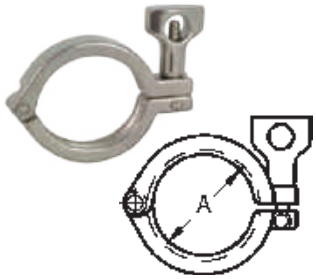
Price Group: DS
AV03



Single Pin Heavy Duty Clamps - 13MHHM

Tube OD (inch)	Service Pressure Rating @ 21°C* (PSI)	Dimensions (A)	304 Stainless Steel	
			Part No.	Price $
½ - ¾	1500	1.062	13MHHM50-75	17.14
1 - 1½	500	2.122	13MHHM100150	21.69
2	450	2.654	13MHHM200	23.86
2½	400	3.185	13MHHM250	24.77
3	350	3.717	13MHHM300	28.50
4	300	4.820	13MHHM400	35.28
6	150	6.625	13MHHM600	100.31
8	100	8.695	13MHHM800	143.16

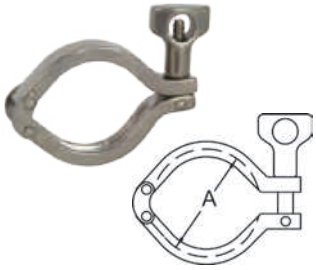
Price Group: DS
AV03



Double Pin Heavy Duty Clamps - 13MHHM-DP

Tube OD (inch)	Service Pressure Rating @ 21°C* (PSI)	Dimensions (A)	304 Stainless Steel	
			Part No.	Price $
1 - 1½	500	2.122	13MHHM-DP100150	34.77
2	450	2.654	13MHHM-DP200	40.73
2½	400	3.185	13MHHM-DP250	45.52
3	350	3.717	13MHHM-DP300	52.16
4	300	4.820	13MHHM-DP400	60.89
10	75	10.708	13MHHM-DP1000	498.88

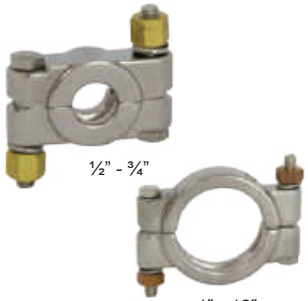
Price Group: DS
AV03

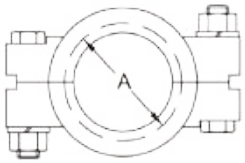


Bolted Clamps - 13MHP

Tube OD (inch)	Service Pressure Rating @ 21°C* (PSI)	Service Pressure Rating @ 121°C* (PSI)	Dimensions (A)	Stainless Steel	
				Part No.	Price $
½ - ¾	1500	1200	1.062	13MHP75	52.34
1 - 1½	1500	1200	2.046	13MHP100-150	53.16
2	1000	800	2.578	13MHP200	64.55
2½	1000	800	3.110	13MHP250	67.75
3	1000	800	3.640	13MHP300	83.78
4	800	600	4.744	13MHP400	93.36
6	300	200	6.632	13MHP600	122.44
8	250	150	8.638	13MHP800	192.75
10	200	125	10.740	13MHP1000	370.25
12	150	100	12.740	13MHP1200	423.43

Price Group: DS
AV03





Solid Ferrule Blank Disk End Caps - 16AMP



Material:	316 Stainless Steel

Part No.	Size (inch)	Price $
16AMP-R50-75	½ - ¾	18.34
16AMP-R100-150	1 - 1½	13.93
16AMP-R200	2	19.46
16AMP-R250	2½	27.80
16AMP-R300	3	37.49
16AMP-R400	4	76.41
16AMP-R600	6	208.64
16AMP-R800	8	342.31
16AMP-R1000	10	599.88
16AMP-R1200	12	808.71

Price Group: DS
AV03

Short Welding Ferrules - 14WMP

H



Material:	316 Stainless Steel

Part No.	Size (inch)	Price $
14WMP-R50	½	10.82
14WMP-R75	¾	14.91
14WMP-R100	1	11.67
14WMP-R150	1½	12.37
14WMP-R200	2	15.44
14WMP-R250	2½	33.20
14WMP-R300	3	28.92
14WMP-R400	4	39.72
14WMP-R600	6	162.23
14WMP-R800	8	226.67
14WMP-R1000	10	330.37
14WMP-R1200	12	512.46

Price Group: DS
AV03

Butt Welding Ferrules



Material:	316 Stainless Steel

Part No.	Size (inch)	Price $
L14AM7-R50	½	17.23
L14AM7-R75	¾	17.06
L14AM7-R100	1	14.43
L14AM7-R150	1½	14.43
L14AM7-R200	2	21.91
L14AM7-R250	2½	25.96
L14AM7-R300	3	32.49
L14AM7-R400	4	42.54
L14AM7-R600	6	440.35
L14AM7-R800	8	586.71
L14AM7-R1000	10	910.39
L14AM7-R1200	12	1190.54

Price Group: DS
AV03

Gaskets for Clamp Style Sanitary Fittings

Features:	Gasket material approved by 3A (3A), USDA and complies with FDA's Code of Federal Register (CFR) title 21, Part 177. PSI Service Ratings for the sanitary clamps DO NOT APPLY to connections (1" and above) using any PTFE gaskets due to the potential for cold flow under normal operating conditions. PTFE gaskets when used with any clamp are likely to leak at pressures far below the published service ratings. This restriction does not apply to the fractionally sized ½" and ¾" connections, due to their recessed, fully contained design.


Mini


Standard


Flanged



Buna-N Black

Feature:	Colour code: red dot
Standard:	Meets 21CFR 177.2600

Size (inch)	Part No.	Price $
	Mini	
½	42MP-U50	13.93
¾	42MP-U75	18.09
	Standard	
1	40MP-U100	3.10
1½	40MP-U150	3.22
2	40MP-U200	3.22
2½	40MP-U250	5.39
3	40MP-U300	6.41
4	40MP-U400	6.69


Type 1 - Standard
½" - ¾"


Type 1 - Standard
1" and larger

Price Group: DS
AV03

EPDM Black

Feature:	Colour code: three green dots. Peroxide cured
Standard:	Meets 21CFR 177.2600. Passed USP Class VI Cytotoxicity testing

Size (inch)	Part No.	Price $
	Mini	
½	42MP-E50	3.63
¾	42MP-E75	3.63
	Standard	
1	40MP-E100	3.34
1½	40MP-E150	3.34
2	40MP-E200	3.34
2½	40MP-E250	5.59
3	40MP-E300	6.66
4	40MP-E400	6.95
6	40MP-E600	19.30


Type 1 - Standard
½" - ¾"


Type 1 - Standard
1" and larger

Price Group: DS
AV03

H

FKM Black



Type 1 - Standard
½" - ¾"



Type 1 - Standard
1" and larger

Features:	Colour code: one white dot, one yellow dot. Peroxide cured
Standards:	Meets 21CFR 177.2600. Passed USP Class VI Cytotoxicity testing

Size (inch)	Part No.	Price $
	Mini	
½	42MP-SFY50	17.40
¾	42MP-SFY75	17.40
	Standard	
1	40MP-SFY100	22.74
1½	40MP-SFY150	21.41
2	40MP-SFY200	24.05
2½	40MP-SFY250	29.44
3	40MP-SFY300	34.75
4	40MP-SFY400	40.10
6	40MP-SFY600	91.89

Price Group: DS
AV03

Silicone Clear



Type 1 - Standard
½" - ¾"



Type 1 - Standard
1" and larger

Features:	Colour code: no dot. Peroxide cured
Standards:	Meets 21CFR 177.2600. Passed USP Class VI Cytotoxicity testing

Size (inch)	Part No.	Price $
	Mini	
½	42MP-XC50	5.21
¾	42MP-XC75	5.21
	Standard	
1	40MP-XC100	4.24
1½	40MP-XC150	3.61
2	40MP-XC200	4.24
2½	40MP-XC250	5.90
3	40MP-XC300	6.35
4	40MP-XC400	6.51

Price Group: DS
AV03

PTFE Solid White



Type 1 - Standard
½" - ¾"



Type 1 - Standard
1" and larger

Application:	Not recommended for use with bolted clamps
Features:	Colour code: no dot
Standards:	Meets 21CFR 177.1550. Passed USP Class VI Cytotoxicity testing

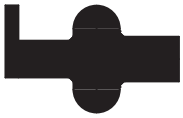
Size (inch)	Part No.	Price $
	Mini	
½	42MP-G50	15.71
¾	42MP-G75	15.71
	Standard	
1	40MP-G100	26.22
1½	40MP-G150	26.22
2	40MP-G200	26.22
2½	40MP-G250	28.86
3	40MP-G300	28.86
4	40MP-G400	52.44

Price Group: DS
AV03

PTFE is a material subject to plastic flow. When cycled through heat and then cooled down in process lines, PTFE gaskets will not return to the original configuration and it will continue to compress as the cycling continues. This plastic flow will allow leakage if clamp torques are not maintained.

EPDM Flanged Black

Application:	Not recommended for use with bolted clamps
Features:	Colour code: three green dots. Peroxide cured
Standards:	Meets 21CFR 177.2600. Passed USP Class VI Cytotoxicity testing



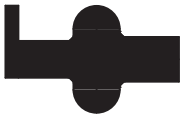
Type 2 - Flanged
1" and larger

Size (inch)	Part No.	Price $
1	40MPF-E100	6.49
1½	40MPF-E150	6.25
2	40MPF-E200	7.03
2½	40MPF-E250	10.47
3	40MPF-E300	12.67
4	40MPF-E400	12.67
6	40MPF-E600	79.67
8	40MPF-E800	99.35
10	40MPF-E1000	118.06
12	40MPF-E1200	132.33

Price Group: DS
AV03

FKM Flanged Black

Application:	Not recommended for use with bolted clamps
Features:	Colour code: one white dot, one yellow dot. Peroxide cured
Standards:	Meets 21CFR 177.2600. Passed USP Class VI Cytotoxicity testing



Type 2 - Flanged
1" and larger

Size (inch)	Part No.	Price $
1	40MPF-SFY100	14.04
1½	40MPF-SFY150	10.42
2	40MPF-SFY200	12.02
2½	40MPF-SFY250	20.83
3	40MPF-SFY300	21.78
4	40MPF-SFY400	25.24
6	40MPF-SFY600	75.93
8	40MPF-SFY800	126.57
10	40MPF-SFY1000	159.07
12	40MPF-SFY1200	182.64

Price Group: DS
AV03

90° Polished Butt Weld Elbows With Tangents - B2S



Polished				
Size (inch)	316L Stainless Steel Part No.	Price $	304 Stainless Steel Part No.	Price $
½	B2S-R50P	28.81	B2S-G50P	27.96
¾	B2S-R75P	34.27	B2S-G75P	33.26
1	B2S-R100P	21.48	B2S-G100P	20.85
1½	B2S-R150P	29.13	B2S-G150P	28.28
2	B2S-R200P	41.16	B2S-G200P	39.96
2½	B2S-R250P	60.53	B2S-G250P	58.77
3	B2S-R300P	84.63	B2S-G300P	82.16
4	B2S-R400P	177.86	B2S-G400P	99.67
6	---	---	B2S-G600P	POR

Price Group: DS
AV08

90° Polished Butt Weld Elbows Less Tangent - B2WCL



Polished 316L Stainless Steel		
Part No.	Size (inch)	Price $
B2WCL-R100P	1	17.59
B2WCL-R150P	1½	24.37
B2WCL-R200P	2	35.96
B2WCL-R250P	2½	53.17
B2WCL-R300P	3	78.45
B2WCL-R400P	4	133.40
B2WCL-R600P	6	1014.02

Price Group: DS
AV08

45° Polished Butt Weld Elbows With Tangents - B2KS



Polished 316L Stainless Steel		
Part No.	Size (inch)	Price $
B2KS-R100P	1	19.71
B2KS-R150P	1½	27.79
B2KS-R200P	2	33.74
B2KS-R250P	2½	53.10
B2KS-R300P	3	68.06
B2KS-R400P	4	154.97

Price Group: DS
AV08

45° Polished Butt Weld Elbows Less Tangents - B2WK



Polished 316L Stainless Steel		
Part No.	Size (inch)	Price $
B2WK-R100P	1	15.34
B2WK-R150P	1½	19.47
B2WK-R200P	2	26.25
B2WK-R250P	2½	38.93
B2WK-R300P	3	57.96
B2WK-R400P	4	109.14

Price Group: DS
AV08

Polished Reducers - Butt Weld Concentric Reducer - B31W

Polished 316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B31W-R075050P	¾ x ½	36.03
B31W-R10050P	1 x ½	33.18
B31W-R10075P	1 x ¾	23.15
B31W-R150100P	1½ x 1	33.18
B31W-R200100P	2 x 1	55.36
B31W-R200150P	2 x 1½	27.29
B31W-R250150P	2½ x 1½	54.70
B31W-R250200P	2½ x 2	38.75
B31W-R300150P	3 x 1½	90.83
B31W-R300200P	3 x 2	77.97
B31W-R300250P	3 x 2½	48.75
B31W-R400200P	4 x 2	163.47
B31W-R400250P	4 x 2½	145.04
B31W-R400300P	4 x 3	114.42



Price Group: DS
AV08

Polished Reducers - Butt Weld Eccentric Reducer - B32W

Polished 316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B32W-R150100P	1½ x 1	74.83
B32W-R200100P	2 x 1	84.89
B32W-R200150P	2 x 1½	57.59
B32W-R250150P	2½ x 1½	66.88
B32W-R250200P	2½ x 2	66.88
B32W-R300150P	3 x 1½	104.54
B32W-R300200P	3 x 2	85.61
B32W-R300250P	3 x 2½	75.80
B32W-R400200P	4 x 2	187.85
B32W-R400250P	4 x 2½	166.80
B32W-R400300P	4 x 3	123.70



Price Group: DS
AV08

45° Clamp Elbows - B2KMP

316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B2KMP-R100	1	64.40
B2KMP-R150	1½	74.04
B2KMP-R200	2	93.07
B2KMP-R250	2½	135.15
B2KMP-R300	3	166.21
B2KMP-R400	4	297.71
B2KMP-R600	6	2453.57



Price Group: DS
AV08

90° Clamp Elbows - B2CMP

316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B2CMP-R100	1	68.10
B2CMP-R150	1½	80.09
B2CMP-R200	2	102.10
B2CMP-R250	2½	140.12
B2CMP-R300	3	188.21
B2CMP-R400	4	364.29
B2CMP-R600	6	1584.29



Price Group: DS
AV08

Clamp Tees - B7MP



316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B7MP-R100	1	168.43
B7MP-R150	1½	176.03
B7MP-R200	2	241.26
B7MP-R250	2½	306.32
B7MP-R300	3	385.15
B7MP-R400	4	630.84

Price Group: DS
AV08

Clamp Concentric Reducers - B3114MP



316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B3114MP-R150100	1½ x 1	92.22
B3114MP-R200100	2 x 1	134.68
B3114MP-R200150	2 x 1½	87.38
B3114MP-R250200	2½ x 2	126.66
B3114MP-R300150	3 x 1½	200.82
B3114MP-R300200	3 x 2	189.06
B3114MP-R300250	3 x 2½	155.11
B3114MP-R400200	4 x 2	334.45
B3114MP-R400250	4 x 2½	316.64
B3114MP-R400300	4 x 3	277.72

Price Group: DS
AV08

H

Polished Tees - Butt Weld / Long Tee - B7W



Polished 316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B7W-R50P	½	61.58
B7W-R100P	1	33.54
B7W-R150P	1½	40.14
B7W-R200P	2	65.24
B7W-R250P	2½	91.55
B7W-R300P	3	137.33
B7W-R400P	4	197.13

Price Group: DS
AV08

BSP Tube Adaptors



316L Stainless Steel		
Part No.	**Size (inch)**	**Price $**
B19WB-R50A	½	30.32
B19WB-R75A	¾	35.99
B19WB-R100A	1	36.50
B19WB-R150A	1½	51.64
B19WB-R200A	2	66.70
B19WB-R250A	2½	109.02
B19WB-R300A	3	135.09
B19WB-R400A	4	169.22

Price Group: DS
AV08

Weld / Weld Sight Glass

Options:	Buna and FKM seal also available
Max Working Pressure:	150 PSI / 10 BAR
Standards:	3A, BS & SMS (Please specify when ordering)
Glass:	Bora silicate

316 SS Sight Glass with EPDM Seal & Weld / Weld Connections		
Part No.	**Size (inch)**	**Price $**
B54EBB-R100	1	645.64
B54EBB-R150	1½	707.40
B54EBB-R200	2	786.00
B54EBB-R250	2½	887.06
B54EBB-R400	4	1122.86



Alternative ends are available on request.

Price Group: DS

AV09

Sight Glass Lense Dimensions			
Size (inch)	**OD (+/- 1.5 mm)**	**ID (+/- 1.5 mm)**	**Length (+/- 1.5 mm)**
1	31	22	63.5
1½	44	35	63.5
2	58	48	63.5
2½	71	59	71
3	88	72	100
4	116	97	100

Replacement Glass - Bora Silicate		
Size (inch)	**Part No.**	**Price $**
1	B54G-P100	249.56
1½	B54G-P150	289.68
2	B54G-P200	308.81
2½	B54G-P250	396.46
3	B54G-P300	469.12
4	B54G-P400	557.61



Price Group: DS

AV09

Dry Disconnect Fittings for Steam Service

Application:	Designed to fit hoses carrying steam used in chemical (heating), pharmaceutical (disinfection and sterilisation) and at loading bays
Material:	Coupling house and all inner parts are stainless steel. Seals are EPDM (standard), contact Dixon™ for other materials.
Features:	Unintentional separation is eliminated preventing accidents and avoiding unintended down time. Performance unaffected by surface rust. Lockable versions are available, contact Dixon™ for more information.

Part No.		Female NPT Size (inch)	Body Size (mm)	Price $
Stainless Steel Coupler				
DDSC075SS	i	¾	56	3774.63
DDSC100SS	i	1	56	3774.63
Stainless Steel Adaptor				
DDSA075SS	i	¾	56	1082.19
DDSA100SS	i	1	56	1082.19



Coupler



Adaptor

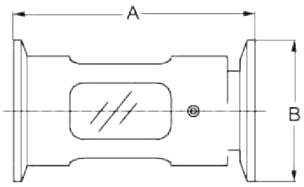
Price Group: SD

AS01

Compact Sight Glasses



Application:	Used widely in the food, dairy and beverage sanitary processes to view products and fluids. This design is perfect for hoses.
Features:	• easier to clean than bolted styles • less cost to repair than bolted styles • clamp connections standard • sizes available: 1", 1½", 2", 3" • maximum temperature: 95°C • maximum pressure: 6.9 BAR
Materials:	• body: 316L stainless steel • sight glass: Borosilicate glass • gasket: buna



Compact Sight Glasses

Tube OD	Dimensions		Part No.	Price $
	A	B		
1	85.73	50.30	B54BMPS-R100	371.21
1½	92.46	50.30	B54BMPS-R150	503.06
2"	97.28	64.00	B54BMPS-R200	548.79
3"	104.90	96.52	B54BMPS-R300	893.07
4"	110.24	118.87	B54BMPS-R400	1326.80

Price Group: DS
AV09

H

Kits and Replacement Parts

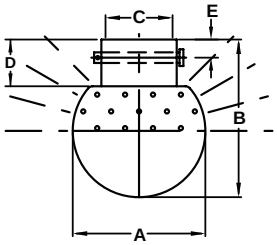
Size (inch)	Seal Kit Part No.	Price $	Replacement Glass Part No.	Price $
1½	B54BMPS-SK100	18.14	B54BMPS-GL100	129.32
1½	B54BMPS-SK150	18.14	B54BMPS-GL150	201.80
2"	B54BMPS-SK200	18.14	B54BMPS-GL200	228.81
3"	B54BMPS-SK300	24.13	B54BMPS-GL300	307.17
4"	B54BMPS-SK400	42.10	B54BMPS-GL400	537.54

Price Group: DS
AV09

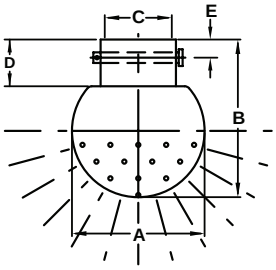
Spray Balls

Application:	Typical use is in food and beverage industries for cleaning storage tanks.
Features:	Heavy stainless steel construction provides longer life. Various spray patterns available (blanks available as special order). Stationary - designed to be mounted to a tube or pipe. 2mm spray holes
Material:	316L stainless steel

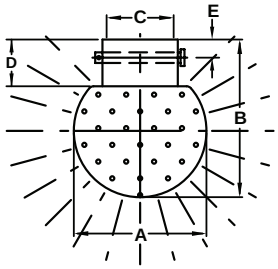




180° Top Pattern



180° Bottom Pattern



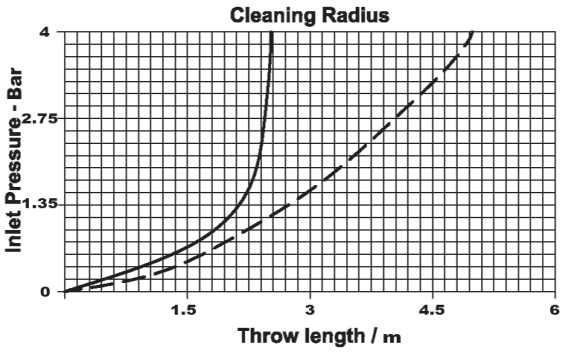
360° Pattern

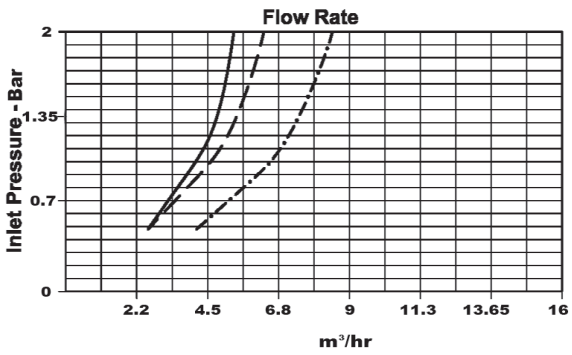
Stationary Spray Balls - STC

Size (inch)	Pin Length	Spray Pattern	Dimensions					Pin Size	Part No.	Price $
			A	B	C	D	E			
1	1.47	360°	90	75	25	25	11	5.7	STC-360-R100	175.01
1½	1.95	360°	90	75	38	25	11	5.7	STC-360-R150	269.95
1	1.47	180° bottom	90	75	25	25	11	5.7	STC-180B-R100	178.12
1½	1.95	180° bottom	90	75	38	25	11	5.7	STC-180B-R150	254.46
1	1.47	180° top	90	75	25	25	11	5.7	STC-180T-R100	178.12
1½	1.95	180° top	90	75	38	25	11	5.7	STC-180T-R150	254.46

Price Group: DS

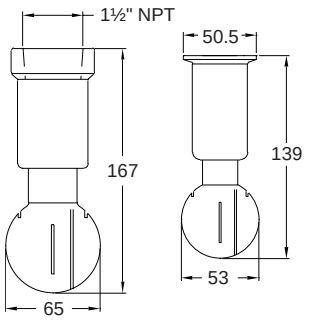
AV08





Spray Balls - Rotating





SRH360CMP-R150

SRH360NPT-R150

Application:	Ideal for cleaning all types of tanks and vessels.
Features:	• stainless steel ball bearings eliminate rust • cleaning solution lubricates unit • mirror-like finish (OD) • spray pattern: 360° • available connections: clamp and NOT
Material:	316L stainless steel

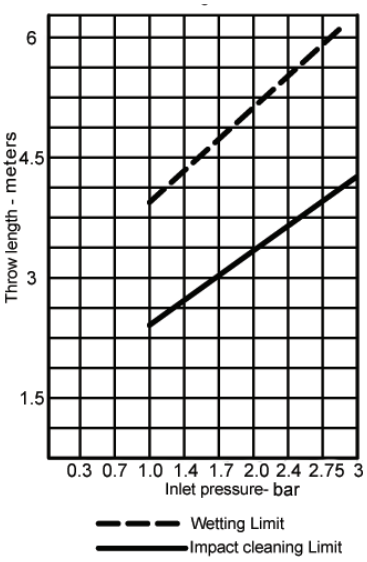
Rotating Spray Balls - SRH

Size (inch)	Type	Part No.	Price $
1½	NPT	SRH360NPT-R150	305.62
1½	clamp	SRH360CMP-R150	646.52

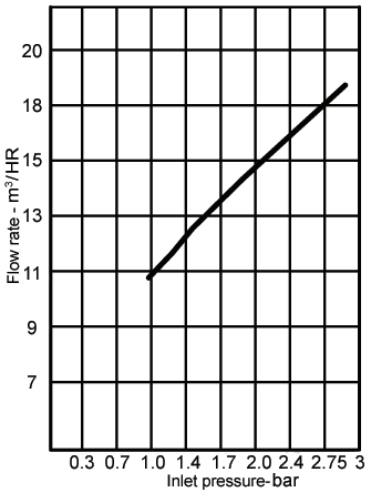
Price Group: DS

AV13

Cleaning Radius



Flow Rate



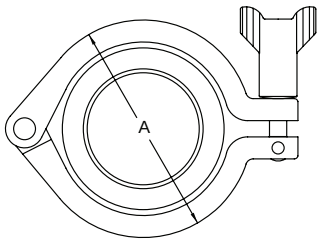
Swivels

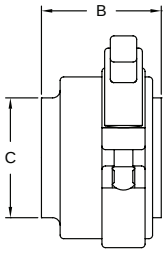
Features:	Elastomers: silicone & PTFE. Sanitary finish ID and OD.
Options:	Available in clamp and weld configurations. Optional elastomers available.
Material:	316L stainless steel, silicone & PTFE



Tube OD Size (inch)	PSI at 21°C	PSI at 121°C
1	500	300
1½	500	300
2	450	250
2½	400	200
3	350	175
4	300	150

Straight Swivels - SJSS





Size (inch)	Straight Clamp Dimensions - Style 20			Part No.	Price $
	A	B	C		
1	65	50.8	25.4	SJSS100BB-20	1969.65
1½	65	50.8	38.1	SJSS150BB-20	2027.90
2	78.49	50.8	50.8	SJSS200BB-20	2411.33
2½	87.34	50.8	63.5	SJSS250BB-20	3648.13
3	100.08	50.8	76.2	SJSS300BB-20	4290.86
4	129.03	74.68	101.6	SJSS400BB-20	10431.23

Price Group: DS
AV13

H

Butt Weld to Tube End - Adaptors



Size (mm)	316 Stainless Steel	
	Part No.	Price $
25	RE100BT	85.61
38	RE150BT	273.43
50	RE200BT	128.33
76	RE300BT	277.55

Designed to be butt welded to standard sanitary tubing.

Price Group: SD

AL10

Butt Weld to Tube End - Boss-Lock™ Couplers



Size (mm)	316 Stainless Steel	
	Part No.	Price $
25	RC100BT	187.30
38	RC150BT	473.08
50	RC200BT	320.14
76	RC300BT	373.43

Designed to be butt welded to standard sanitary tubing.

Price Group: SD

AL10

H

Sanitary Breakaway Couplings



Application:	• minimizes spillage and damage associated with pull away and drive away incidents
Features:	• designed to be installed between a fixed point and a hose • 24kN break load bolts standard, other break loads available • coupling breaks away with an excessive load
Materials:	• coupling: 316 stainless steel polished to standard <0.8R_a µm, 3A finish • clamp gasket: White EPDM standard, optional material available

Size (inch)	316 Stainless Steel	
	Part No.	Price $
2	SBC-200BBE-13	816.82
2½	SBC-250BBE-24	932.69
3	SBC-300BBE-24	1054.34
4	SBC-400BBE-24	1164.41

Price Group: DS

AV02

Flow Chief Internal Expansion (IX) Hose Couplings

Features:	• Sanitary style x triclamp end • 304 stainless steel • Meets FDA and USDA sanitary standards • Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules. • Refer to pages 355-357 for sanitary style gaskets • Refer to page 353 for sanitary style clamps



Hose Size (inch)	Part No.	Price $
1½	IXSE24	124.10
2	IXSE32	222.67
2½	IXSE40	474.95
3	IXSE48	517.11
4	IXSE64	719.56

Price Group: DS

AV01

(IX) Male NPT Stems

Features:	• 304 stainless steel • Meets FDA and USDA sanitary standards • Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.



Hose Size (inch)	Part No.	Price $
1½	IXMS24	369.55
2	IXMS32	245.91
2½	IXMS40	115.90
3	IXMS48	515.84
4	IXMS64	805.56

Price Group: DS

AV01

Holedall™ / Sanitary Assemblies

Flow Chief stainless steel food grade fittings and internally swaged hose assemblies are designed for various pharmaceutical and food handling applications, including processing of beer, wine, juice and dairy products. Designed to comply with various sanitary approvals, these fittings are available in a range of styles such as BSM, CIP and triclover.

Specifically designed as a coupling system, the correctly engineered combination of hose and fitting will ensure trouble free operation suitable to your application whilst meeting statutory requirements.

Features:	• 304 stainless steel • Meets FDA and USDA sanitary standards • Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules.



Contact Dixon™ for fluid transfer compatibility

CIP (IX) Hose Couplings

Meets 3A (3A), FDA and USDA sanitary standards. Clean-In-Place (CIP) compliant. Flow Chief internal expansion (IX) fittings are only to be used with Flow Chief stainless steel ferrules. Flow Chief Sanitary fittings are used in the food, dairy and beverage industries.

3A 304 SS



Sanitary Clamp End Stem		
Hose Size (inch)	**Part No.**	**Price $**
1½	IXSE24-3A	326.79
2	IXSE32-3A	366.66
3	IXSE48-3A	445.12

Price Group: DS

AV01

3A 304 SS



Tube Weld End Stem		
Hose Size (inch)	**Part No.**	**Price $**
2	IXPE32-3A	266.12

Price Group: DS

AV01

- Refer to pages 355-357 for sanitary style gaskets.
- Refer to pages 353 for sanitary style clamps.
- Special plug is required to expand 3A compliant fittings
- Special adaptor plate is required to expand 1½" 3A compliant fittings

Holedall™ External Crimp Ferrules



Material:	304 Stainless Steel

Size (inch)	Hose OD Range (mm)		Part No.	Price $
	from	to		
1	33.0	35.0	HA0249-41-3	25.19
1	35.7	36.5	HA0249-43-3	31.78
1	36.9	37.7	HA0249-45-3	31.78
1	38.1	38.9	HA0249-46-3	35.74
1	39.3	40.1	HA0249-47-3	35.74
1	40.5	41.3	HA0249-48-3	51.93
1½	48.4	49.6	HA0250-56-3	72.78
1½	50.0	51.2	HA0250-58-3	62.71
1½	51.6	52.8	HA0250-59-3	81.49
1½	53.2	54.4	HA0250-61-3	109.72
2	62.7	63.9	HA0251-70-3	96.54
2	64.3	65.5	HA0251-72-3	127.93
2	65.9	67.1	HA0251-74-3	153.00
2	67.4	68.7	HA0251-75-3	166.43
2	71.44	73.63	HA0251-76-3	300.53
2½	76.1	78.1	HA0252-84-3	309.87
2½	78.1	80.1	HA0252-86-3	309.87
2½	81.1	83.1	HA0252-89-3	309.87
3	88.0	91.0	HA0253-96-3	312.43
3	91.7	92.9	HA0253-98-3	312.43
3	92.1	93.3	HA0253-100-3	312.43
3	93.6	94.9	HA0253-101-3	312.43
3	95.2	96.5	HA0253-103-3	375.96
3	96.8	98.0	HA0253-105-3	375.96
3	98.4	99.6	HA0253-106-3	375.96
3	100.4	101.6	HA0253-107-3	539.30
4	117.5	118.7	HA0301-129-5	500.42
4	119.0	120.3	HA0301-130-5	500.42
4	120.6	121.9	HA0301-132-5	500.42
4	122.2	123.5	HA0301-133-5	655.68
4	123.8	125.0	HA0301-135-5	655.68
4	128.9	130.18	HA0301-136-5	872.08

* Consult Dixon™ for crimp specifications.

Price Group: DS

AV07

Holedall™ BSM (RJT) External Crimp Stem

Standards:	RJT (BSM) AS1528.2 - 2001: screwed couplings
Material:	316 stainless steel

Size (inch)	Part No.	Price $
Female		
1	HA0224	78.37
1½	HA0225	115.37
2	HA0226	148.76
2½	HA0227	224.48
3	HA0228	216.51
4	HA0294	402.12
Male		
1	HA0219	98.51
1½	HA0220	125.02
2	HA0221	174.96
2½	HA0222	257.16
3	HA0223	315.97
4	HA0293	416.56





Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07

Holedall™ SMS External Crimp Stem

Material:	316 stainless steel

Size (inch)	Part No.	Price $
Female		
1	HA0616	91.03
1½	HA0617	119.46
2	HA0618	172.83
2½	HA0619	260.73
3	HA0620	323.67
4	HA0621	430.49
Male		
1	HA0622	105.41
1½	HA0623	133.77
2	HA0624	187.21
2½	HA0625	275.17
3	HA0626	338.09
4	HA0627	416.56





Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07

Holedall™ Clamp Type / Tri-Clover External Crimp Stem

Material:	316 stainless steel

Size (inch)	Part No.	Price $
1	HA0640	76.28
1½	HA0641	78.79
2	HA0642	155.45
2½	HA0643	230.26
3	HA0644	312.82
4	HA0645	383.13



Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS

AV07

Holedall™ DIN External Crimp Stem





Standards:	DIN 11851 / 11887, Couplings & Gaskets
Material:	316 Stainless Steel

Size	Part No.	Price $
DN25	HA0239	107.26
DN40	HA0240	115.11
DN50	HA0241	166.49
DN65	HA0242	312.47
DN80	HA0243	293.69
DN100	HA0298	430.49
DN25	HA0234	115.11
DN40	HA0235	128.94
DN50	HA0236	220.47
DN65	HA0237	268.18
DN80	HA0238	325.94
DN100	HA0297	416.56

Note: All stems are manufactured to suit inch bore hoses (not metric hose bores).

Price Group: DS
AV07

Wine Female Crimp Stem



Size (inch)	316 Stainless Steel	
	Part No.	Price $
2	HA0850	159.84
3	HA0851	289.77
4	HA0852	382.91

Price Group: DS
AV07

Buttweld Tube Crimp Stem



Material:	316 Stainless Steel

Size (inch)	Part No.	Price $
1	HA0833	96.36
1½	HA0835	126.01
2	HA0837	168.10
2½	HA0839	268.04
3	HA0841	331.04
4	HA0843	410.60

Price Group: DS
AV07

BSM CIP Crimp Stem



Material:	316 Stainless Steel

Size (inch)	Part No.	Price $
1	HA0224-CIP	78.37
1½	HA0225-CIP	115.37
2	HA0226-CIP	148.76
2½	HA0227-CIP	224.48
3	HA0228-CIP	216.51
4	HA0294-CIP	402.12

Price Group: DS
AV07

NZ RJT Crimp Stem



Material:	316 Stainless Steel

Size (inch)	Part No.	Price $
1½	HA0225-NZ	115.37
2	HA0226-NZ	148.76
2½	HA0227-NZ	224.48
3	HA0228-NZ	216.37
4	HA0294-NZ	402.12

Price Group: DS
AV07

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B5101 Series Butterfly Valves



Features:	• 100% hydraulic tested / 100% inspected • All wetted surfaces are sanitary finished to $32R_a$ • Field serviceable (no special tools required) • Seat materials available include: silicone, EPDM, FKM (6" EPDM and silicone, 8" EPDM only) • Vacuum rating: 0.4 inches Hg at 20°C • Operating temperature range: -9°C to 93°C

Size (inch)	Break Torque (in. lbs.) Silicone	Break Torque (in. lbs.) EPDM	Break Torque (in. lbs.) FKM	Pressure Rating (bar/kPa)	Flow Coefficient (CV)	Weight W/Standard Handle (kg)
½"	20	75	70	9.65/965	7	1.00
¾"	20	75	70	9.65/965	11	1.00
1"	20	75	70	9.65/965	23	1.00
1½"	40	130	125	9.65/965	80	1.30
2"	55	165	175	9.65/965	230	1.59
2½"	70	210	220	7.58/758	264	1.68
3"	165	350	310	7.58/758	372	2.00
4"	350	540	450	5.86/586	800	4.09
6"	700	1550	n/a	4.13/413	1200	8.41
8"	n/a	1650	n/a	4.13/413	2800	6.18

Information supplied based on water media @ 20°C

B5101 Series - Trigger Handle Butterfly Valves



Options:	• Silicone and FKM seals also available • Hygienic Valves up to 8" available on request • Lever, trigger handles available • Contact Dixon™ for 304 or 316L
End Options:	RJT, DIN, SMS, IDF
Standards:	Tri-Clamp, BS and SMS (Please specify when ordering). CF8M.

B51 Series Valve - EPDM Seal Weld End 316L

Part No.	Size (inch)	Price $
B5101E100BB-C	1	340.74
B5101E150BB-C	1½	347.81
B5101E200BB-C	2	393.73
B5101E250BB-C	2½	518.71
B5101E300BB-C	3	612.90
B5101E400BB-C	4	955.64

Price Group: DS
VF09

B51 Series Valve - EPDM Seal Triclover End 316L

Part No.	Size (inch)	Price $
B5101E100CC-C	1	388.95
B5101E150CC-C	1½	397.32
B5101E200CC-C	2	454.68
B5101E250CC-C	2½	607.90
B5101E300CC-C	3	731.34
B5101E400CC-C	4	1135.79

Price Group: DS
VF09

B5101 Series - SS Vertical Actuator with Mounting Bracket to Suit Burkert Positioner 8692



Features:	• Setup is simple using the Autotune feature for position calibration • Position feedback is achieved using a 4-20 mA signal that allows the valve to be accurately controlled enabling proper product flow and pressure regulation. • Brings positioning capability to B5101-Series butterfly valves using VC series actuators. • Positioner uses multi-burst solenoids and sensors for positioning accuracy. • On-board digital user interface allows valve control at point of use and remotely. • Can be used on spring return and double acting actuators. • Multi-pin connectors are standard for easy Plug and Play operation. • IP65/67/NEMA 4X washdown rating. • Optional communication interfaces include AS-I, Profibus and DeviceNet.
Sizes:	• For valves sizes ½" to 4"

B5101 Series - Pull Handle Butterfly Valves

Options:	• Silicone and FKM seals also available • Hygienic Valves up to 8" available on request • Lever, trigger handles available • Contact Dixon™ for 304 or 316L
End Options:	RJT, DIN, SMS, IDF
Standards:	Tri-Clamp, BS and SMS (Please specify when ordering), CF8M



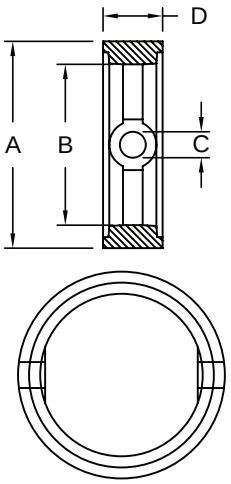
B51 Series Valve - EPDM Seal Weld End 316L		
Size (inch)	**Part No.**	**Price $**
1	B5101E100BB-A	321.33
1½	B5101E150BB-A	330.12
2	B5101E200BB-A	374.92
2½	B5101E250BB-A	493.18
3	B5101E300BB-A	610.03
4	B5101E400BB-A	956.81
6	B5101E600BB-A	2989.00
B51 Series Valve - EPDM Seal Triclover End 316L		
Size (inch)	**Part No.**	**Price $**
1	B5101E100CC-A	370.21
1½	B5101E150CC-A	385.54
2	B5101E200CC-A	436.59
2½	B5101E250CC-A	582.37
3	B5101E300CC-A	729.86
4	B5101E400CC-A	1139.27
6	B5101E600CC-A	2989.00

Price Group: DS
VF09

I

Repair Kits						
Size (inch)	**Red Silicone**		**Black EPDM**		**Brown FKM**	
	Part No.	**Price $**	**Part No.**	**Price $**	**Part No.**	**Price $**
½ - 1	B5101-RKS100	45.00	B5101-RKE100	35.08	B5101-RKV100	102.84
1½	B5101-RKS150	52.23	B5101-RKE150	39.46	B5101-RKV150	142.24
2	B5101-RKS200	57.39	B5101-RKE200	52.61	B5101-RKV200	186.50
2½	B5101-RKS250	64.04	B5101-RKE250	54.10	B5101-RKV250	349.54
3	B5101-RKS300	101.36	B5101-RKE300	74.56	B5101-RKV300	615.11
4	B5101-RKS400	156.55	B5101-RKE400	92.08	B5101-RKV400	1130.05
6	B5101-RKS600	356.89	B5101-RKE600	169.30	---	---
8	---	---	B5101-RKE800	536.15	---	---

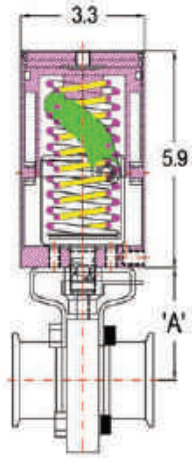
Price Group: DS
VF09

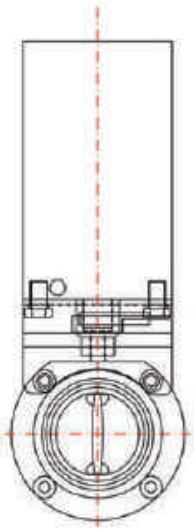


B5101 Seat Dimensions				
Size (inch)	**A**	**B**	**C**	**D**
½ - 1	36.06	21.08	9.40	19.56
1½	49.02	34.04	9.40	19.56
2	65.02	43.94	9.40	19.81
2½	76.96	59.69	11.68	23.11
3	92.961	71.12	13.97	27.94
4	125.98	98.04	15.75	36.32
6	173.48	147.07	15.75	43.18
8	236.73	200.41	17.02	40.39

B5101 Series - SS Vertical Spring Return Actuation Butterfly Valves







Options:	• Silicone and FKM elastomers also available • Other end configurations are available

EPDM Seats & Vertical Spring Return Normally Closed Pneumatic Canister Style Actuator Buttweld

Size (inch)	Part No.	Price $
1	B5101E100BB-G	1372.67
1½	B5101E150BB-G	1378.90
2	B5101E200BB-G	1403.21
2½	B5101E250BB-G	1513.21
3	B5101E300BB-G	1615.32
4	B5101E400BB-G	1916.99

Price Group: DS
VF09

EPDM Seats & Vertical Spring Return Normally Open Pneumatic Canister Style Actuator Buttweld

Size (inch)	Part No.	Price $
1	B5101E100BB-F	1362.45
1½	B5101E150BB-F	1368.63
2	B5101E200BB-F	1392.77
2½	B5101E250BB-F	1501.95
3	B5101E300BB-F	1603.30
4	B5101E400BB-F	1902.72

Price Group: DS
VF09

EPDM Seats & Vertical Double Acting Pneumatic Canister Style Actuator Buttweld

Size (inch)	Part No.	Price $
1	B5101E100BB-H	1362.45
1½	B5101E150BB-H	1368.63
2	B5101E200BB-H	1392.77
2½	B5101E250BB-H	1501.95
3	B5101E300BB-H	1603.30
4	B5101E400BB-H	1902.72

Price Group: DS
VF09

Dimensions

Valve Size (inch)	Dimension 'A' (mm)
1	68.58
1½	68.58
2	78.74
2½	88.90
3	93.98
4	114.30

Check Valves

Application:	• A range of Hygienic Check valves for the food and pharmaceutical industry
End Connection:	• Weld, Triclover, SMS, DIN and RJT ends available
Options:	• Silicone and FKM seals also available
Standards:	• 3A, RJT, SMS, DIN, IDF and Triclover, CF8M 316 SS
Max. Operating Pressure:	• 145 PSI at -9.4°C to 93°C



Check Valve with EPDM Seal

Size (inch / DN)	Clamp Construction			
	Weld Connection		Clamp Connection	
	Part No.	Price $	Part No.	Price $
1 / 25	B45MPBB-R100	464.83	B46MP-R100	452.42
1½ / 40	B45MPBB-R150	524.27	B46MP-R150	558.16
2 / 50	B45MPBB-R200	609.01	B46MP-R200	612.67
2½ / 65	B45MPBB-R250	754.10	B46MP-R250	765.29
3 / 80	B45MPBB-R300	920.20	B46MP-R300	919.01
4 / 100 *	B46MPBB-R400	1230.66	B46MP-R400	1230.66

* Uses bolted construction in place of clamp.

Price Group: DS

VC10

Repair Kits

Size (inch)			FKM	
	Part No.	Price $	Part No.	Price $
½	B45MP-RK050	18.69	B45MP-RKV050	33.29
¾	B45MP-RK075	22.10	B45MP-RKV075	41.06
1	B46MP-RK100	13.82	B46MP-RKV100	24.54
1½	B46MP-RK150	14.71	B46MP-RKV150	44.45
2	B46MP-RK200	18.43	B46MP-RKV200	31.36
2½	B46MP-RK250	31.71	B46MP-RKV250	38.89
3	B46MP-RK300	25.25	B46MP-RKV300	45.18
4	B46MP-RK400	42.43	B46MP-RKV400	54.04

Price Group: DS

VC10

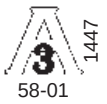
Repair Kit contains:
½" - ¾"
(1) 316L stainless spring
(1) FKM stem seat
(1) Buna body O-ring

1" - 4"
(1) 316L stainless spring
(1) FKM stem seat
(1) Buna clamp gasket

FKM Repair Kit contains:
½" - ¾"
(1) 316L stainless spring
(1) FKM stem seat
(1) FKM body O-ring

1" - 4"
(1) 316L stainless spring
(1) FKM stem seat
(1) FKM clamp gasket

HSC Series Spring Check Valves



58-01



Features:	• single piece upper body spider design • machined from solid bar • standard O-ring and gasket seal design • can be serviced in field (no special tools required) • finish: sanitary polish 32 R_a • suitable for low and medium viscosity fluids • connection: clamp (standard), others available upon request
End Connection:	• Weld, Triclover, SMS, DIN and RJT ends available
Max. Operating Pressure:	• 145 PSI at -9.4°C to 93°C

Size (inch)	Pressure Rating	Cracking Pressure (PSI)	Operating Temperature	Clamp End		Weld End	
				Part No.	Price $	Part No.	Price $
½	145 PSI	10.0	15°F to 200°F (-9°C to 93°C)	HSCE050	358.52	HSCE050BB	345.49
¾		4.0		HSCE075	360.81	HSCE075BB	347.69
1		2.5		HSCE100	451.58	HSCE100BB	435.16
1½		1.0		HSCE150	472.20	HSCE150BB	455.03
2		1.5		HSCE200	595.18	HSCE200BB	573.54
2½		0.8		HSCE250	759.20	HSCE250BB	731.60
3		0.5		HSCE300	858.36	HSCE300BB	827.16
4		0.4		HSCE400	1213.80	HSCE400BB	1169.67

EPDM is standard. FKM available upon request.

Price Group: DS

VC10

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Repair Kit		
Size (inch)	Part No.	Price $
½	HSC-RKE050	12.30
¾	HSC-RKE075	14.35
1	HSC-RKE100	7.38
1½	HSC-RKE150	9.35
2	HSC-RKE200	11.81
2½	HSC-RKE250	16.24
3	HSC-RKE300	18.78
4	HSC-RKE400	116.84

EPDM is standard. FKM available upon request.

Price Group: DS

VC10

½"-¾" repair kit contains:
(1) body gasket
(1) plunger O-ring
(1) spider O-ring

1"-4" repair kit contains:
(1) body gasket
(1) plunger O-ring

Dimensions



Size (inch)	A (inch)
½	2.7
¾	2.7
1	3.3
1½	3.4
2	3.4
2½	3.4
3	3.4
4	4.1

Ball Valves (Encapsulated)

Application:	Hygienic Ball valves for food and chemical use with ISO mount plate 1000 PSI WOG.
End Connection:	Weld, SMS, DIN, RJT, Triclover, ends available.
Options:	Repair Kits available, direct mount actuation, double air to spring and electric.
Standards:	RJT, SMS, DIN, Triclover and IDF, CF8M 316 SS
Seal Options:	Std PTFE, RTFE, 25% Carbon PTFE, SS Reinforced PTFE, UHMW (please specify when ordering)



Hygienic Ball Valve				
Size (inch)	Weld Ends		Clamp Ends	
	Part No.	Price $	Part No.	Price $
½	BV2CV-050BB-A	209.75	BV2CV-050CC-A	209.75
¾	BV2CV-075BB-A	242.97	BV2CV-075CC-A	242.97
1	BV2CV-100BB-A	322.63	BV2CV-100CC-A	322.63
1½	BV2CV-150BB-A	557.53	BV2CV-150CC-A	557.53
2	BV2CV-200BB-A	815.89	BV2CV-200CC-A	815.89
2½	BV2CV-250BB-A	1887.16	BV2CV-250CC-A	1887.16
3	BV2CV-300BB-A	2243.29	BV2CV-300CC-A	2243.29
4	BV2CV-400BB-A	3846.71	BV2CV-400CC-A	3846.71

Price Group: DS

VS03

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BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Sizes:	• ½" thru 4"
Materials:	• body, ends and ball: CF8M stainless • seats: virgin PTFE, 15% glass reinforced RTFE, 25% carbon reinforced PTFE, 50% stainless steel reinforced PTFE or UHMW
Features:	• full port design on ½" thru 3" • reduced port design on 4" • blow-out proof stem • live-loaded stem packing • ISO 5211 mounting pad • lock-out, tag out
Specifications:	• maximum pressure rating: ½" - 2" 1000 PSI WOG, 2½" - 4" 800 PSI WOG



Size (inch)	Weld Ends		Clamp Ends	
	Part No.	Price $	Part No.	Price $
½	BV3SVTF050C-A	904.32	BV3SVLF050C-A	923.97
¾	BV3SVTF075C-A	1085.97	BV3SVLF075C-A	1105.20
1	BV3SVTF100C-A	1431.36	BV3SVLF100C-A	1476.71
1½	BV3SVTF150C-A	2419.51	BV3SVLF150C-A	2518.66
2	BV3SVTF200C-A	3636.41	BV3SVLF200C-A	3801.70
2½	BV3SVTF250C-A	6091.20	BV3SVLF250C-A	6279.53
3	BV3SVTF300C-A	8602.15	BV3SVLF300C-A	8846.95
4	BV3SVTR400C-A	12577.15	BV3SVLR400C-A	12617.90

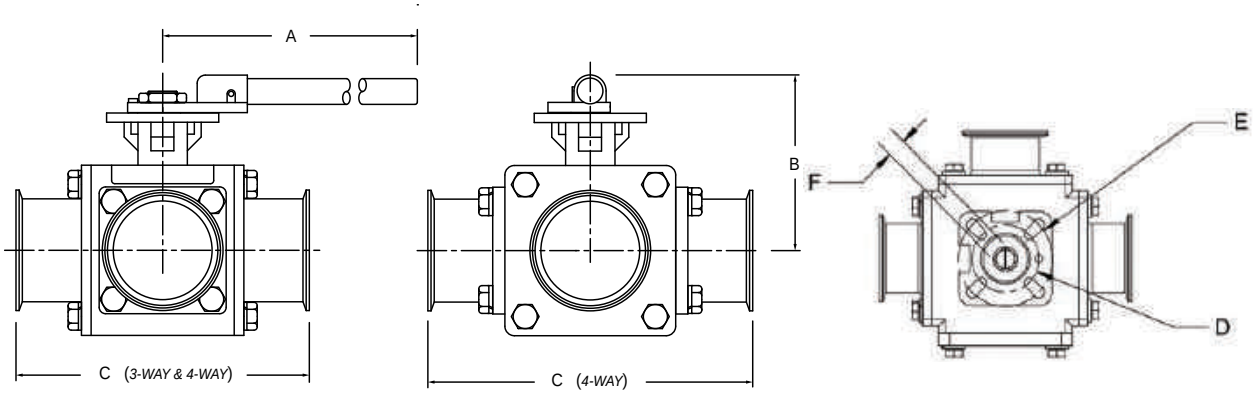
Price Group: DS

VS03

BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Size	A (mm)	B (mm)	C (mm)	D	E	F (mm)	Weight (kg.)	"L" Port Break Torque (in-lb)	"T" Port Break Torque (in-lb)
½"	124.46	43.18	116.84	F03	F04	9.0	1.63	65	44
¾"	127.00	48.26	127.00	F03	F04	9.0	1.95	76	76
1"	134.62	58.42	152.40	F04	F05	11.0	3.08	171	171
1½"	241.30	73.66	175.26	F05	F07	14.0	5.71	356	297
2"	241.30	81.28	190.50	F05	F07	14.0	9.79	553	553
2½"	457.20	99.06	213.36	F07	F10	17.0	15.26	1114	1114
3"	464.82	124.46	243.84	F10	F12	22.0	25.58	1875	1400
4"	464.82	137.16	289.56	F10	F12	22.0	38.73	2241	2050

- 4-way available upon request



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Handle Kits

Size (inch)	Part No.	Price $
½ - ¾	BV-23-HA050-075	31.71
1	BV-23-HA100	39.89
1½ - 2	BV-23-HA150-200	45.09
2½	BV-23-HA250	POR
3 - 4	BV-23-HA300-400	POR

Kit contains:
(1) lock washer
(1) handle
(1) nut

Price Group: DS

VS03

Repair Kits

Size (inch)	Part No.	Price $
½	BV-3SVFRK050	105.50
¾	BV-3SVFRK075	145.90
1	BV-3SVFRK100	247.06
1½	BV-3SVFRK150	521.77
2	BV-3SVFRK200	927.40
2½	BV-3SVFRK250	1714.21
3	BV-3SVFRK300	3196.86
4	BV-3SVRRK400	4136.75

Kit contains:
(2) encapsulated seat small
(2) encapsulated seat large
(2) body seals
(1) thrust washer
(1) O-ring
(3) stem packings
(1) plug (3-way only)

Price Group: DS

VS03

BV3/4 Series Multi-port Sanitary Stainless Steel Ball Valves

Flow Paths

3-way 'L'-port *position A*



3-way 'L'-port *position B*



3-way 'L'-port *position C*



3-way 'T'-port *position A*



3-way 'T'-port *position B*



3-way 'T'-port *position C*



3-way 'T'-port *position D*



4-way 'L'-port *position A*



4-way 'L'-port *position B*



4-way 'L'-port *position C*



4-way 'L'-port *position D*



4-way 'T'-port *position A*



4-way 'T'-port *position B*



4-way 'T'-port *position C*



4-way 'T'-port *position D*



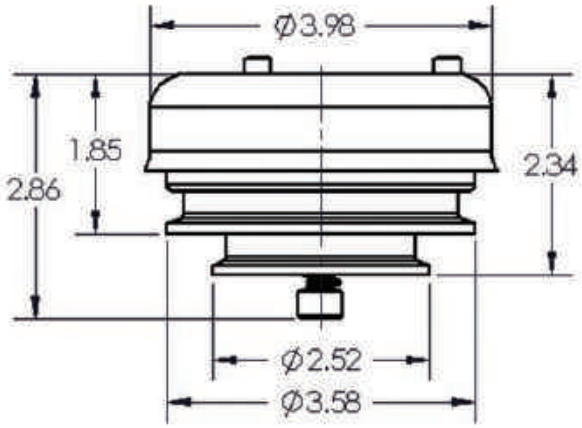
Air & Vacuum Relief Tank Vent Valve

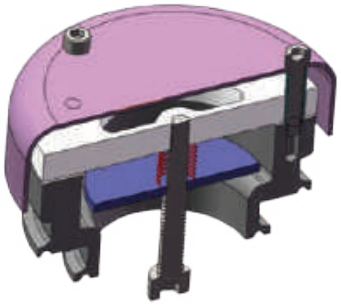
Features:	• The valve relieves pressure as the fluid level rises while filling a tank • The valve relieves vacuum as the fluid level drops while emptying a tank • 2" and 3" clamp connections on the same valve • Dome helps in preventing external contamination • Light weight, robust PVC and 304 stainless steel construction • Can use any clamp gasket
Materials:	• 304 stainless steel • PVC
Flow Rate:	110m³/Hr
Vacuum Break:	0.1 PSI
Pressure Relief:	0.1 PSI

Size (inch)	Part No.	Price $
2 and 3	TVPC200-300	199.35

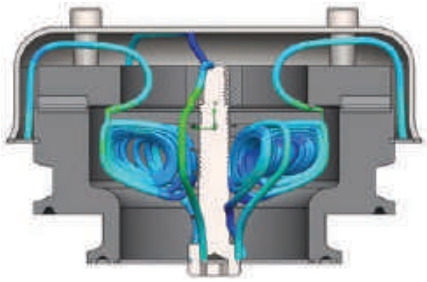




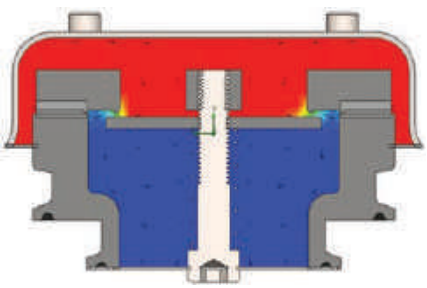




Assembly



Vent Flow Pipes



Pressure Analysis

Dixon™ / Rieger Aseptic Type Valves

Applications:	• The Rieger Aseptic Mix Proof Valve N7 ensures the reliable separation of process lines for liquid products by means of the SIP capable leakage space as well in type "piping" as in type "tank". CIP/SIP valves control the steam inlet and outlet in the leakage space. • The outstanding aseptic properties are achieved by hermetic sealing from the environment. A temperature surveyance in the leakage chamber is available upon request. It is important to note, that the full spring force is applied as well in rest position as wen rinsing the valve.
Features:	• Design: one-piece valve body, made from solid bar, short design, less welding seams, few seals in product area • Absolute product protection: safe media separation by leakage space, controlled leakage chamber, both valve disks are liftable separately • Serviceable maintenance: change of seals without special tools, less standing time, easy cleaning • Efficiency: long life of the PTFE bellows, low maintenance costs, with brackets for proximity switches on main actuator
Materials:	• In product contact: 1.4404/AISI316L • Optional: 1.4435/AISI316L • No product contact: 1.4301/AISI304 • Seals: Bellows PTFE • O-rings: EPDM
Product Contact Seals:	DIN 11850-R2 (DIN 11866 A) OD tube (DIN 11866 C)
Temperatures:	• EPDM operatimg: 130°C dependent upon operating conditions sterilizing: 150°C dependent upon operating conditions • PTFE operating: 121°C short-time (approximately 20 minutes) sterilizing: 135°C short-time (approximately 20 minutes)
Operating Pressure:	• Product closing for type piping: maximum 6 bar type tank: maximum 4 bar control air pressure: minimum 6 bar - maximum 4 bar
Surfaces:	•In product contact: Ra<= 0.8 µm • Non product contact: Ra<=1.6 µm

RIEGER



for piping



for tank

Unique on the market



PTFE bellows with metal cap or with PEEK cap resistant to granules i.e. fruit yogurt; also available for valve tank type

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SV Series Aseptic Valves

Sizes:	• ½" thru 4"
Materials:	• product contact surfaces: 316L, 32R_a, optional surface finishes available • non product contact: 1.4301/AISI304, 68R_a
Features:	• solid housing • no dead spaces • fully drainable • many built-in positions possible • complete separation from environment • no dome or sump in product space • change of seals without special tools • long life PTFE bellows • low spare parts costs • O.D.-Tube (DIN 11866 C)
Specifications:	• maximum standard operating temperature: 121°C • sterilization temperature: 135°C[1] • closure pressure: max. 87 PSI (6 bar) • actuator air pressure: minimum 87 PSI (6 bar), maximum. 145 PSI (10 bar)

[1]approximately 20 minutes dependent upon operating conditions

RIEGER

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53-06



SV Series Single Seat Hygienic Valves







Applications:	• The SV series single seat valves offer a true hygienic design to meet your most demanding process applications. The SV series valves are offered in 316L stainless steel with a variety of body configurations, seat and stem seal materials to fit your specific needs. This valve series is designed to shut off or divert the flow in your process either remotely by using air or locally using a manual operating device. The rugged design of the actuator and valve body allow the valve to stand up to the harsh environments often found in the sanitary industry.
Features:	• options: manual, actuated (spring return, double acting), control tops • temperature range: **-50°F** to **212°F** (**-45°C** to **100°C**) • surface finish: <32R_a standard • air pressure: **80** to **120 PSI** • air connections: ⅛" FNPT
Materials:	• body: 316L stainless steel • actuator: 304 stainless steel • manual operating device: 304 stainless steel • stem seal: Buna, EPDM, FKM • seat seal: Buna, EPDM, FKM, PTFE
Sizes:	• 1" thru 4"

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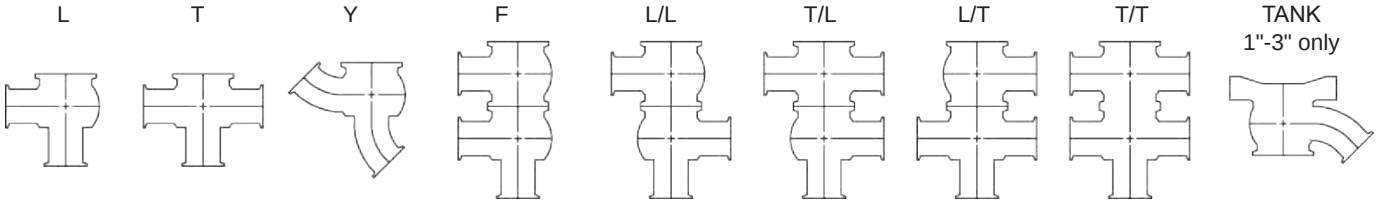
Body Configurations













Dixon™ / Rieger Mix Proof Valve

Applications:	• Dixon™ / Rieger Mix Proof Valves ensure reliable protection of your product separating non-compatible liquids. The design of the one-part solid valve body and the radial sealing of both valve seats together with the balanced valve disks allows safe CIP/SIP cleaning thus providing high safety for your products.
Features:	• one-piece solid bar valve body made • no weld torsion • water-hammer safe up to 435 PSI (30 bar) • balanced valve disks • low need for controlled air • lightweight: 4", 35kg • standard actuator with 3 lift functions • easy cleaning by lifting of both disks • service without compressed air • valve insert removable upwards • radial sealing of both valve seats • only 4 seals in product space • change seals without special tools • 316L stainless steel in contact with product • inner surface Ra 0,8 µm (standard)
Sizes:	• 1" - 6"
Options:	• mix proof bottom seat valve • mix proof bottom seat change over valve • mix proof change over valve



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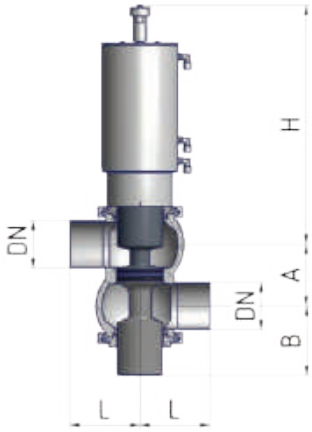
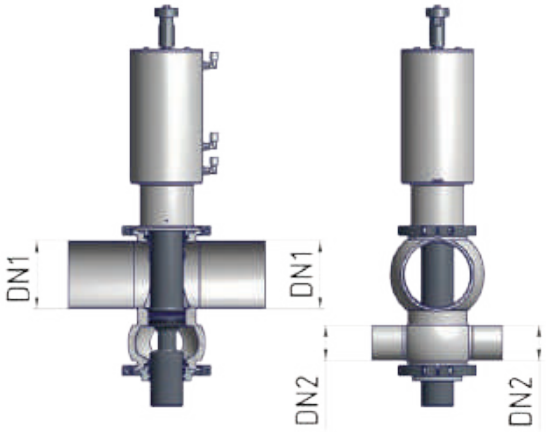
Valve Body Types



Also available are mix proof valves with different sizes on the upper to the lower process line.





Dixon™ / Rieger Control Valve

RIEGER

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53-06



Applications:	• The process control head is fitted for the controlling of pneumatically operated process valves. Used in dairies, food & beverage, pharmaceutical and chemical industries.
Features:	• valve body from solid bar • no dead spaces • drainable when mounted in various positions • high-grade inner surfaces • no dome or sump in product space • change of seals without special tools • optimum cleanability • modular assembly system • low spare parts costs
Materials:	• Product wetted: 1.4404/AISI316L • Optional: 1.4435/AISI316L • Non product contact: 1.4301/AISI304
Temperatures:	• Maximum standard operating temperature: 130°C • Sterilization temperature: 150°C short time* (approx. 20 min) dependent upon operating conditions
Surfaces:	• Wetted product surfaces: R_a<= 0.8 µm (32), optional surfaces available • Non product contact: R_a<=1.6 µm
Product Contact Seals	• O-rings and profile washer: EPDM (other materials upon request
Standard Operating Pressure:	• Standard pressure: max. 6 bar (87 PSI) • Actuator air pressure: min. 6 bar (87 PSI) - max. 10 bar (145 PSI) • Controlled air pressure: max. 10 bar (145 PSI)
Standard Connections:	• OD -Tube (DIN 11866 C) weld optional connections on request

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Dixon™ / Rieger Control Valve in Aseptic Version

RIEGER

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53-06



Applications:	• The process control head is fitted for the controlling of pneumatically operated process valves. The design of the valve body eliminates dead space, a prerequisite for sterile process engineering. When working with high sterilization temperatures this valve fulfills demands for operational security and reliable function.
Features:	• valve body from solid bar • no dead spaces • drainable when mounted in various positions • complete separation from environment • no dome or sump in product space • change of seals without special tools • optimum cleanability • minimum 500,000 strokes • optimum cleanability • long life of the PTFE bellows • low spare parts costs
Materials:	• Product wetted: 1.4404/AISI316L • Optional: 1.4435/AISI316L • Non product contact: 1.4301/AISI304
Temperatures:	• Maximum standard operating temperature: 121°C • Sterilization temperature: 135°C short time* (approx. 20 min) dependent upon operating conditions
Surfaces:	• Wetted product surfaces: R_a<= 0.8 µm (32), optional surfaces available • Non product contact: R_a<=1.6 µm
Product Contact Seals	• Seals: Bellows PTFE
Standard Operating Pressure:	• Standard pressure: max. 6 bar (87 PSI) • Actuator air pressure: min. 6 bar (87 PSI) - max. 10 bar (145 PSI)
Standard Connections:	• OD -Tube (DIN 11866 C) weld optional connections on request

Valves can only be quoted when full application data is supplied: product viscosity, temperature, inlet and outlet pressure or process pressure, line size and desired product flow. Contact Dixon for all enquiries.

Dixon™ / Rieger BioCheck Sampling Valves

RIEGER

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53-06

EHEDG



Applications:	The BioCheck sampling valves allow easy and safe sampling of liquids from closed systems such as vessels and pipelines.
Features:	• valve body from solid bar • no dead spaces • drainable • connections suitable for orbital welding • also available with only 1 port - same price - • hermetically sealed against environment • optimum cleanability • change of seals without special tools • long life of the PTFE-bellows • low spare parts costs • pharmaceutical, bio-pharmaceutical, biochemical, cosmetic, food and dairy and beverage
Materials:	• in product contact: 1.4404/AISI316L • non product contact: 1.4301/AISI304
Temperatures:	• maximum standard operating temperature: 121°C • sterilization temperature: 135°C short time* (approx. 20 min)
Surfaces:	• wetted product surfaces: R_a <= 0.8 µm (32), optional surfaces available • non product contact: R_a<=1.6 µm
Product Contact Seals	• FKM Bellows - PTFE
Operating Pressure:	• closing tension: max. 8 bar (116 PSI) • version hand wheel: up to 16 bar (232 PSI) min. 6 bar (87 PSI) • controlled air pressure: max. 10 bar (145 PSI)
Standard Connections:	• S = with self-closing lever • O = lever for open position • P = without lever • H = with hand wheel
Dimensions:	• pipe ø13mm x1,5mm (1 mm = 0.0394 Inch)

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Mini Aseptic Sampling Valve

The Mini BioCheck sampling valves meet the requirement for minimal product contact surfaces.

The mini valves allow minimal sampling quantities fulfilling the same valve features in material and design compared to the larger valves such as DN 10 (½").



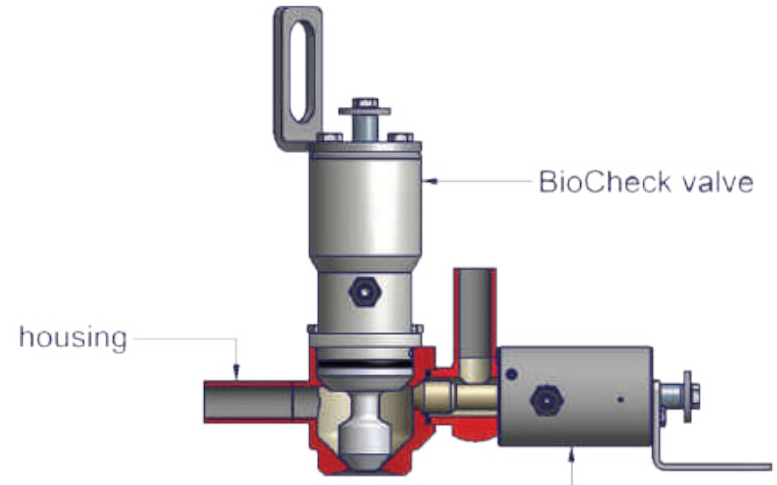


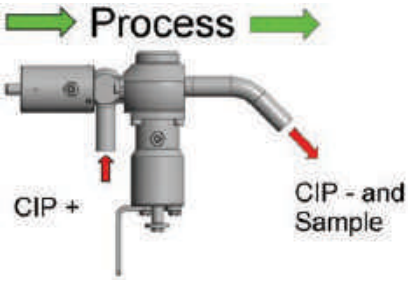
Options

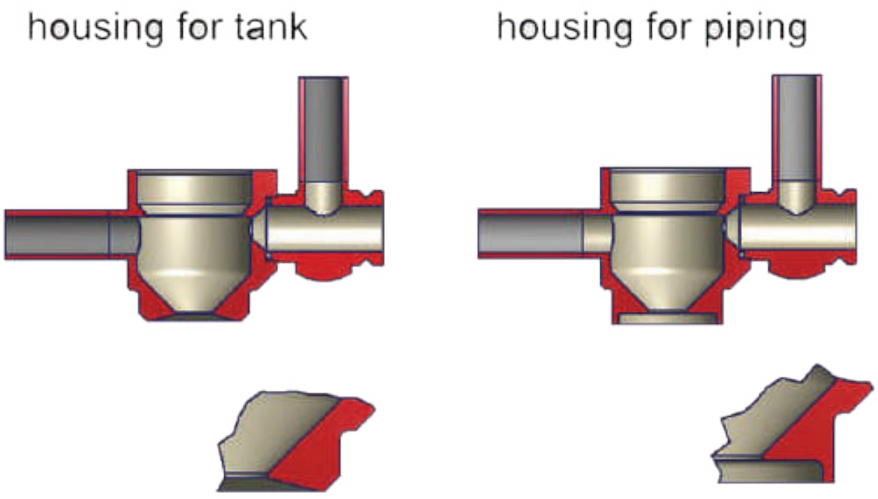
- pipe, vessel, clamp connection (ø 25mm or 34mm)
- 1 port for sampling
- 2 ports for CIP and/or SIP plus sampling
- DIN 6 (8 x 1mm pipe)
- DIN 8 (10 x 1mm pipe)
- hand wheel
- pneumatic (spring to close)
- pneumatic and lever

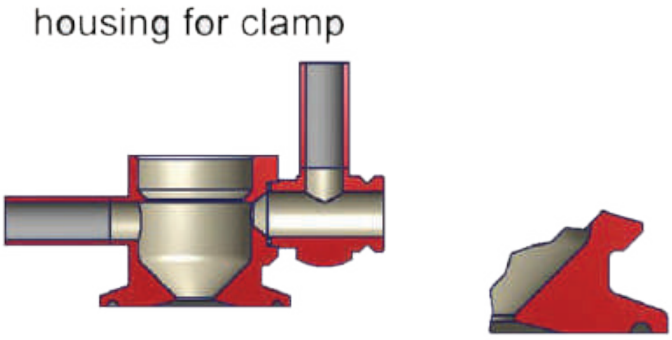


BioCheck Combi Sampling Valves with Steam Valve









Dixon™ / Rieger Safety Valves

RIEGER



Applications:	• Safety valve prevents excess pressure of gaseous media in pipelines and vessels. The set pressure is always higher than the operating pressure. As soon as the pressure is reached, the valve opens against the force of the spring. The pressure excess is relieved as soon as the pressure is 10% higher than the set pressure.
Features:	• valve body made from solid bar • no dead spaces • drainable • high-grade inner surfaces • no sump, no dome • change of seals without special tools • safety: closed spring cap • optimum cleanability • modular assembly systems • connections suitable for orbital welding • low spare part cost • adjustable set pressure • passed the EC type examination (Module B) according to Directive 97/23/EG for steam and gas for the set ranges from 22PSI to 116PSI, but for 1" and 1 1/2" from 29PSI to 116PSI • 3A versions not available
Materials:	• Product contact: 1.4404/AISI316L • Optional: 1.4435/AISI316L • Non product contact: 1.4301/AISI304
Temperatures:	• Maximum standard operating temperature: 130°C • Sterilization temperature: 150°C short time (approx. 20 min)
Surfaces:	• Wetted product surfaces: R_a<= 0.8 µm (32), optional surfaces available • Non product contact: R_a<=1.6 µm
Product Contact Seals:	• O-rings: EPDM or FKM
Pressure:	• Set Pressure: 22 PSI to 116 PSI resp. 29 PSI to 116 PSI • Controlled air pressure: min. 87 PSI - max. 145 PSI
Connections:	• weld ends combined with concentrically reduced inch clamp ferrules

SPR Series Pressure Relief Valve

Applications:	• Suitable for liquids and gas.
Materials:	• Product contact surfaces: 316L, 32Ra, other surface finishes available • Non product contact: 304 • Product contact O-ring: EPDM or FKM
Features:	• Valve opens when the set pressure is reached to prevent excess pressure in piping or systems • Valve body made from solid bar • Patented squeeze clamp • Low spare part cost • Various pressure ranges • Standard connections clamp, others on request
Specifications:	• Actuation: Manual • Maximum standard operating temperature: 130°C • Sterilization temperature: 149°C maximum 20 min • Pressure ranges: 0-50 PSI, 50-100 PSI, 100-300 PSI



Tube OD (inch)	Body Style	Spring Set PSI Range	Part No.	Price $
1½	T-Body	0-50	SPR-TCE1A150	2136.95
		50-100	SPR-TCE2A150	2137.77
		100-300	SPR-TCE3A150	2152.20
	L-Body	0-50	SPR-LCE1A150	2063.42
		50-100	SPR-LCE2A150	2064.24
		100-300	SPR-LCE3A150	2078.68
2	T-Body	0-50	SPR-TCE1A200	2358.40
		50-100	SPR-TCE2A200	2358.40
		100-300	SPR-TCE3A200	2358.40
	L-Body	0-50	SPR-LCE1A200	2357.58
		50-100	SPR-LCE2A200	2358.40
		100-300	SPR-LCE3A200	2372.84

EPDM is standard. FKM available upon request.

SOV Series Manual and Pneumatic Overflow Valve

Applications:	• Valve opens when the set pressure is reached to prevent excess pressure in piping or systems. They are suitable for liquids, steam and gas.
Sizes:	• 1" thru 3"
Materials:	• Product contact surfaces: 316L, 32R_a, optional surface finishes available • Non product contact: 340, 68R_a • Hygeniec EPDM O-rings • Aseptic PTFE Bellows
Features:	• Valve body made from solid bar • No dead spaces • Drainable when mounted in various positions • High-grade inner surfaces • No sump, no dome • Clamp union between valve body and actuator • Modular assembly system – easy change between hygienic and aseptic type • Standards seals • O.D.-Tube (DIN 11866 C)
Specifications:	• Maximum standard operating temperature EPDM: 130°C • Maximum standard operating temperature PTFE: 121°C • Sterilization temperature EPDM: 149°C[1] • Sterilization temperature PTFE: 135°C[1] • Possible set pressure for O-ring version: 8 PSI to 87 PSI (0.5 bar to 6 bar) 22 PSI to 87 PSI (1.5 bar to 6 bar) • PTFE-bellows version pressure range depends on spring control air pressure: minimum 87 PSI, maximum 145 PSI (minimum 6 bar, maximum 10 bar)

[1] approximately 20 minutes dependent upon operating conditions





Positioner Type 8692 - For Pneumatic Control Angle Valves



Applications:	Digital electro pneumatic positioner for the integrated mounting on process control valves.
Features:	• compact stainless steel design • graphic display with backlight • easy start-up • comprehensive range of additional software functions • internal control air channel

Adapter Kits for Positioner Type 8692

Size (inch)	Part No.	Price $	kg
1 - 1½	CV-AK100-150	POR	1.09
2 - 4	CV-AK200-400	POR	1.18

Price Group: DS

VF10

Positioner Type 8694 - For Pneumatic Control Angle Valves



Applications:	Electro pneumatic positioner for the integrated mounting on process control valves.
Features:	• compact stainless steel design • easy start-up • comprehensive range of additional software functions • internal control air channel

Adapter Kits for Positioner Type 8694

Size (inch)	Part No.	Price $	kg
1 - 1½	CV-AK100-150	POR	1.09
2 - 4	CV-AK200-400	POR	1.18

Price Group: DS

VF10

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RZL Series Rotary Lobe Pumps

Features:	
	• all wetted parts are 316L stainless steel • front loading seal options: - single (standard) and double mechanical seals, TC vs TC (standard) - single and double O-ring seals - triple lip seal - flush option available on all seal types • rotors: - bi-wing (standard) - single wing - bi-lobe - tri-lobe - multi-lobe - heli-lobe - spur gear • connections: - clamp (standard), others available upon request

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EHEDG



RZL Model Table

Model	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
RZL105	2.00	20	1	1000
RZL110	4.99	20	1	1000
RZL115	11.99	12	1½	800
RZL120	20.97	8	2	800
RZL220	40.92	12	2	700
RZL225	61.89	8	2½	700
RZL330	101.82	12	3	600
RZL340	143.76	8	4	600
RZL440	226.67	12	4	500
RZL450	333.49	8	5	500

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JZW Series Heli-Lobe Wine Pump



Features:	
	• Heli-lobe rotors standard • Stainless steel gear box • Lobes are rubber coated and therefore safe from galling from grape skins, seeds and stems • Front loading seal options: - TC vs TC - Single and double O-ring seals - Triple lip seal - Flush option available on all seal types • Elastomers: - EPDM (standard) and FKM • Rotors: - Heli-lobe rotors standard • Connections: - Triclamp standard, all others available • Options: - Front cover pressure relief valve

JZW Model Table

Model	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
ZW120	113.56	4	2	1000

Heli-Lobe Options



Features:	
	• Pulsation free heli-lobe rotors gives the pump increased capacity through higher speed limits and increaded suction capability through decreasing cavitation limits. • Double and triple heli-lobe rotors with front bearing cover is designed to pump up to 1097 liters/100 REV up to maximum 30 Bar.



Contact Dixon™ for Pump Trolley configurations.

RZL Series Rotary Lobe Pump Options



Thermal Jacket Pumps

Designed for products that require temperature control such as sugars, chocolate, corn syrup and brewer's yeast with easy attachment to pump front cover and/or casing.



Rectangular Inlet

Enlarged rectangular inlet allows highly viscous products such as semi-solid pastes or mixtures containing semi-solid pieces to be pumped.



Pressure Relief Valve

The pressure relief valve protects the system from pressure peaks or restrictions in the discharge, providing a pressure relief valve loop from discharge to the suction areas up to 10 Bar.



Ultra Clean Pumps

Fully self-draining pump head and external rotor fixing can eliminate any contaminations and internal crevices. Excellent for sterile pharmaceuticals, ultra-hygienic food processing and aseptic manufacturing. Available in all sizes.



High Pressure Pumps

High pressure pumps have a front bearing cover to support shafts on front and back position. The well-balanced shaft design can handle pressures up to 30 Bar without shaft deflection.



Acculab

Specially designed for superior metering accuracy with multi-lobe rotors or spur gear rotors which allow minimum pulsation, precise volumetric dosing and packaging, lab and pilot plants or manufacturing applications as well as general fluid transfer.

RZP Series Circumferential Piston Pumps

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53-06



Features:	
	• All wetted parts are 316L stainless steel • Front loading seal options: - Single (standard) and double mechanical seals, TC vs TC (standard) - Single and double O-ring seals - Triple lip seal - Flush option available on all seal types • Elastomers: - EPDM (standard), FKM, Perfluore and Kalrez® • Rotors: - 316L Bi-Wing (standard) • Connections: - Clamp (standard), others available upon request • Options: - Rectangular inlet - Thermal heating jackets - Pressure relief valve cover - Universal series dimension base

RZP Model Table

Model	Liters / 100 REV	Bar	Port Size (inch)	Max Speed RPM
RZP015	5.22	10	1½	800
RZP030	25.96	14	2	700
RZP060	73.96	17	2½	600
RZP130	117.99	10	3	600

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ExD Series Sanitary Centrifugal Pumps

NEW



Features:	
	• Available in 4 sizes • Pump casing and front cover precision machined from solid bar • Modular 2-piece adapter with interchangeable Nema motor flanges ° slotted adapter allows casing outlet to be rotated from 90 to ° 180 without disassembly • Modular stub shaft design with interchangeable Nema motor shaft sleeves • Unique stub shaft leak chamber allows for immediate external identification of seal wear • Mechanical seal components inter-changable with BC-Series seals • Compact and maintenance friendly adapter guard set • Efficient semi-open impeller design • Seal type: externally bala ed single mechanical • Finish: sanitary polish 0.8 um R_a (other finishes available) • Pump casing machined with external flats for easy casing drain addition • Connections: clamp (standard), others available upon request • Nominal capacity: up to 113m³/hr • Maximum head: 68M • Nominal speed: up to 3000 RPM - 50Hz
Specifications:	• Temperature: 0°C to 100°C, call Dixon® for other temperatures • Motor: standard B5 FACE, 3000 RPM - 1500Hz • Mounting: wet end mounted to a C-Face motor • Mounting options: adjustable legs or pump cart
Materials of Construction	• Product contact: 316L stainless steel and fully traceable non-product contact: 304 stainless steel • Stationary seal seat material: silicon carbide, ceramic or tungsten carbide • Rotary seal material: carbon or silicon carbide elastomers: Buna, EPDM, silicone or FKM • Optional leg kit: 304 stainless steel

JCP Series Centrifugal Pumps

Features:	• All wetted parts are 316L resistant stainless steel • Totally cleanable CIP and SIP, meets EHEDG and 3A standards • One size shaft seal for all pump sizes • Unique front loading seal - no need to disconnect process pipework • Single seal to flushed seal within minutes with just a few extra parts. • Elastomers: - EPDM (standard), FKM, and Kalrez® • Connections: - RJT, clamp, others available upon request • Flows up to 100m³/hr and heads up to 100m • Individual curves available

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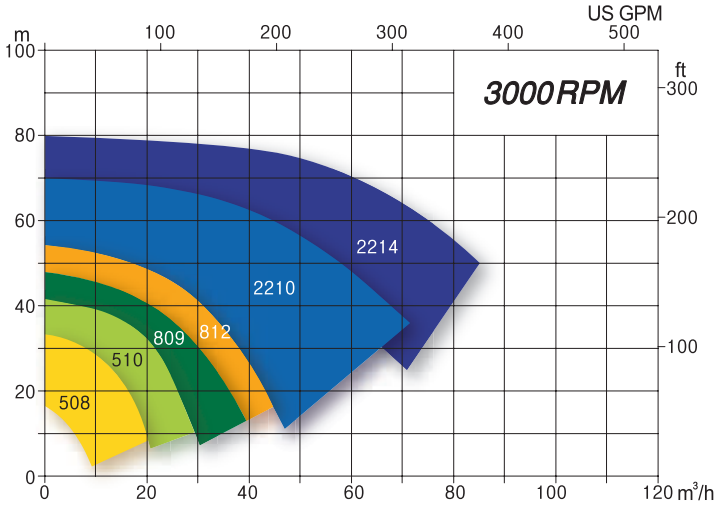
53-06

EHEDG



Performance Curves

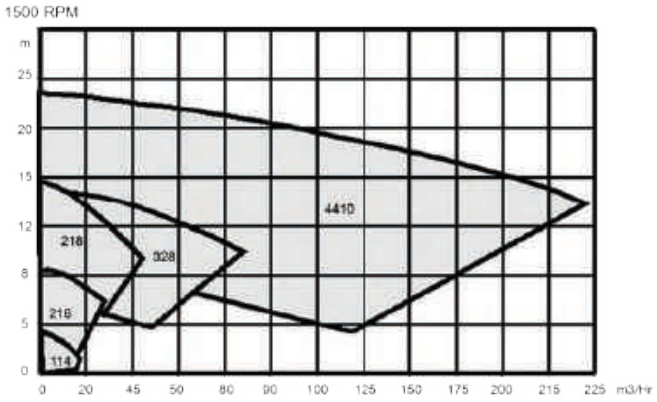


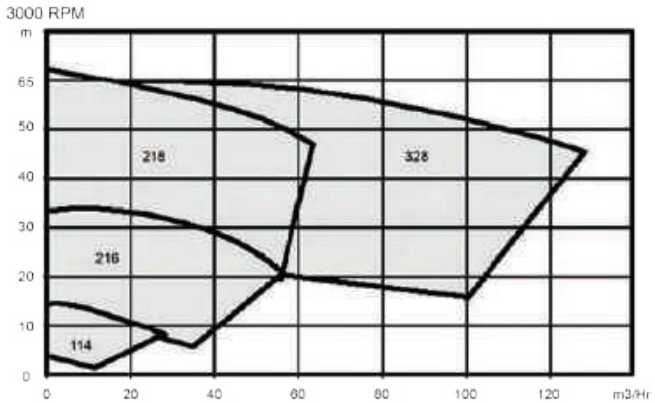
BC Series Centrifugal Pump

Standard Construction:	• Volute: 316L stainless steel • Impeller: CF3M (316L) stainless steel • Backplate: 316L stainless steel • Stub shaft: 316L stainless steel • Adaptor: 304 stainless steel • Optional leg kit: 304 stainless steel • Seal types: externally balanced 'DG' with clamped in seat • Rotary seal material: carbon, silicone carbide rotating element available as option • 'DG' seal seat material: silicone carbide, ceramic and tungsten carbide • Elastomers: Buna, EPDM, silicone and FKM • Finish: sanitary polish 0.8Ra
Performance Characteristics:	• Nominal capacity: up to 177 m³/h • Temperature: 0°C to 100°C, consult Dixon™ for other temperatures • Nominal speed: up to 3000RPM-50HZ
Motors and Mounting:	• Motor: standard B35 flange washdown, foot mounted • Additional motor types available upon request • Mounting: pump head mounted to a B35 face motor



Family of Curves





JWP Series (Water for Injection)

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53-06

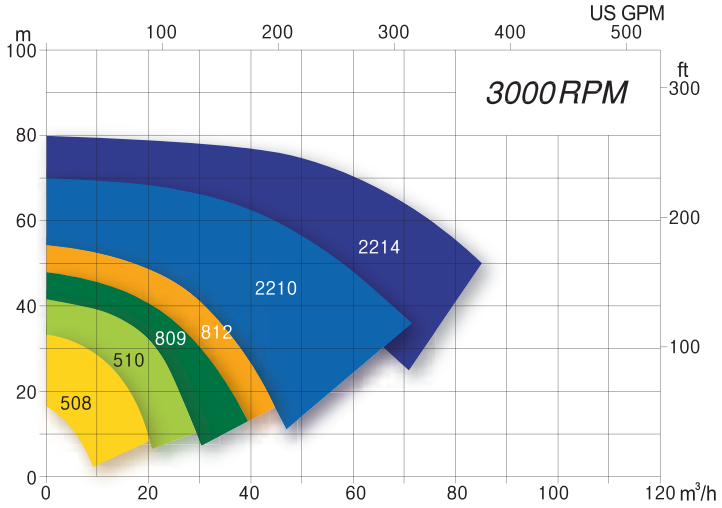
EHEDG



Features:

- JWP series pumps are ideal for high purity, pyrogen fee fluid for pharmaceutical process and deionized water
- All internal surfaces are finished to 0.4 µm R_a with Electro-polish optional
- Fully drainable and cleanable for CIP and SIP so as to meet EHEDG and 3A standards
- Housing, cover and impeller are investment cast then precision machined
- Elastomers:
  - EPDM (standard), FKM, and Kalrez®
- Connections:
  - RJT, clamp, others available upon request
- Options:
  - Several piping configurations optional. Auxiliary flow control devices, including flow meter, thermometer and check valve.
- Flows up to 100m³/hr and heads up to 100m
- Individual curves available

Performance Curves



JEPS Series Self Priming Centrifugal Pump

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53-06

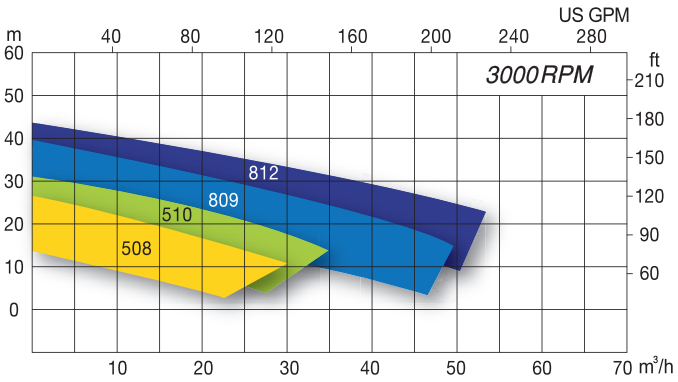
EHEDG



Features:

- JEPS self priming pumps are designed specifically for products containing air and gas which cannot be pumped by general centrifugal pumps
- Special airscrew generates self priming effect and optimises pump operation
- Lower noise levels and better power consumption than liquid ring pumps
- Housing, cover and impeller are investment cast then precision machined
- Elastomers:
  - EPDM (standard), FKM, and Kalrez®
- Connections:
  - RJT, clamp, others available upon request
- Individual curves available

Performance Curves



JSB Series Shear Blender

Features:	
	• Designed to blend, emulsify, disperse, dissolve and homogenize • Supremely efficient and rapid in operation. Can shorten processing time by up to 90% when compared to conventional agitators or paddles • All wetted parts are AISI 316 stainless steel • Fully CIP capable • Field changeable to standard JCP centrifugal pump with impeller change • Elastomers: - EPDM (standard), FKM, and Kalrez® • Connections: - RJT, clamp, others available upon request • Capacities up to 80m³/hr

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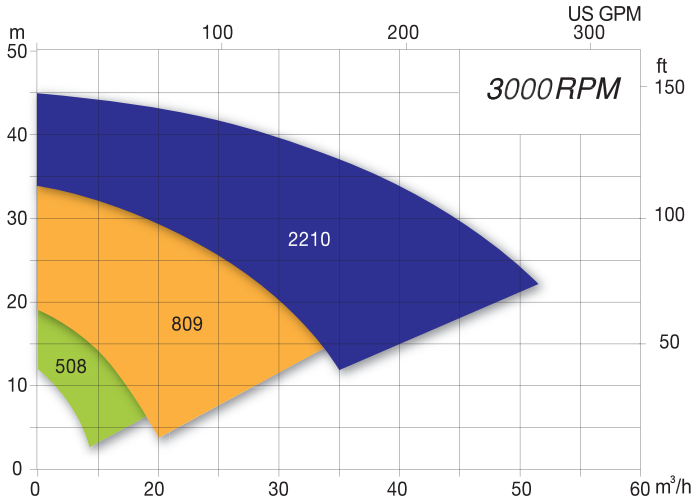
53-06

EHEDG



Performance Curves



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BioPharmaceutical Fittings (BPE)

Elbows - 399-400
90° - 399
45° - 400
Tees - 401-405
Reducers - 405-408
Caps & Ferrules - 408-409
Adaptors - 409
Tolerances - 410
Technical Data - 411-413
Packaging - 412
BioPharm Tube - 412

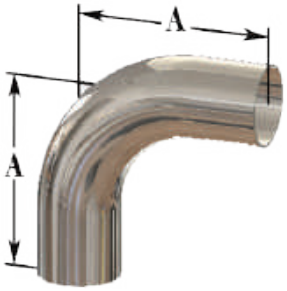


90° Weld Elbows

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	76.200	T2S-050PL	59.57	T2S-050PM	88.86
¾	76.200	T2S-075PL	74.66	T2S-075PM	92.65
1	76.200	T2S-100PL	57.38	T2S-100PM	79.31
1½	95.250	T2S-150PL	67.80	T2S-150PM	115.13
2	120.650	T2S-200PL	86.97	T2S-200PM	139.37
2½	139.700	T2S-250PL	125.20	T2S-250PM	261.53
3	158.750	T2S-300PL	224.97	T2S-300PM	292.47
4	203.200	T2S-400PL	437.12	T2S-400PM	512.04
6	292.100	T2S-600PL	2113.95	T2S-600PM	2288.73

Price Group: DS

AV14



BPE Table #DT-7

90° Clamp x Weld Elbows

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	76.200	41.275	T2CM-050PL	171.99	T2CM-050PM	203.89
¾	76.200	41.275	T2CM-075PL	144.57	T2CM-075PM	192.65
1	76.200	50.800	T2CM-100PL	130.80	T2CM-100PM	190.11
1½	95.250	69.850	T2CM-150PL	152.67	T2CM-150PM	248.56
2	120.650	88.900	T2CM-200PL	208.70	T2CM-200PM	328.89
2½	139.700	107.950	T2CM-250PL	283.00	T2CM-250PM	430.59
3	158.750	127.000	T2CM-300PL	375.15	T2CM-300PM	560.31
4	203.200	168.275	T2CM-400PL	681.69	T2CM-400PM	901.76
6	292.100	266.700	T2CM-600PL	2687.73	T2CM-600PM	2987.27

Price Group: DS

AV14



BPE Table #DT-12

90° Clamp x Clamp Elbows

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	41.275	T2CMP-050PL	178.87	T2CMP-050PM	232.38
¾	41.275	T2CMP-075PL	179.74	T2CMP-075PM	233.27
1	50.800	T2CMP-100PL	161.03	T2CMP-100PM	225.34
1½	69.850	T2CMP-150PL	177.11	T2CMP-150PM	280.61
2	88.900	T2CMP-200PL	232.00	T2CMP-200PM	362.27
2½	107.950	T2CMP-250PL	293.05	T2CMP-250PM	453.72
3	127.000	T2CMP-300PL	572.28	T2CMP-300PM	579.71
4	168.275	T2CMP-400PL	620.53	T2CMP-400PM	870.39
6	266.700	T2CMP-600PL	2741.63	T2CMP-600PM	577.20

Price Group: DS

AV14



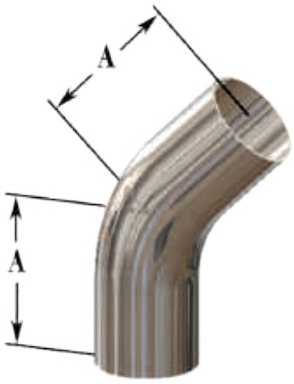
BPE Table #DT-16

Note: Not all sizes and finishes are stocked.
PL Finish - SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish - SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished & Electropolished

J

45° Weld Elbows



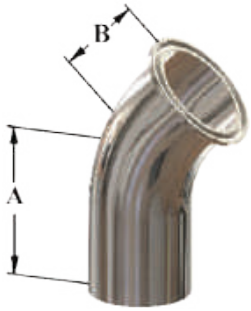
BPE Table #DT-8

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	57.150	T2KS-050PL	76.49	T2KS-050PM	83.75
¾	57.150	T2KS-075PL	62.32	T2KS-075PM	90.16
1	57.150	T2KS-100PL	65.25	T2KS-100PM	73.96
1½	63.500	T2KS-150PL	83.18	T2KS-150PM	95.77
2	76.200	T2KS-200PL	73.11	T2KS-200PM	112.17
2½	85.725	T2KS-250PL	113.85	T2KS-250PM	200.43
3	92.075	T2KS-300PL	189.41	T2KS-300PM	238.08
4	114.300	T2KS-400PL	342.07	T2KS-400PM	420.30
6	158.750	T2KS-600PL	1222.03	T2KS-600PM	1398.93

Price Group: DS

AV14

45° Clamp x Weld Elbows



BPE Table #DT-13

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	57.150	25.400	T2KM-050PL	150.35	T2KM-050PM	199.47
¾	57.150	25.400	T2KM-075PL	147.21	T2KM-075PM	196.84
1	57.150	28.575	T2KM-100PL	135.52	T2KM-100PM	196.84
1½	63.500	36.525	T2KM-150PL	150.35	T2KM-150PM	249.97
2	76.200	44.450	T2KM-200PL	197.59	T2KM-200PM	322.94
2½	85.725	52.400	T2KM-250PL	267.05	T2KM-250PM	420.93
3	92.075	60.325	T2KM-300PL	347.57	T2KM-300PM	546.04
4	114.300	79.375	T2KM-400PL	563.51	T2KM-400PM	813.34
6	158.750	133.350	T2KM-600PL	2187.14	T2KM-600PM	2491.47

Price Group: DS

AV14

45° Clamp x Clamp Elbows



BPE Table #DT-17

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	25.400	T2KMP-050PL	164.17	T2KMP-050PM	217.68
¾	25.400	T2KMP-075PL	165.05	T2KMP-075PM	218.57
1	28.575	T2KMP-100PL	150.73	T2KMP-100PM	215.05
1½	36.525	T2KMP-150PL	161.54	T2KMP-150PM	265.04
2	44.450	T2KMP-200PL	212.41	T2KMP-200PM	342.67
2½	52.400	T2KMP-250PL	276.99	T2KMP-250PM	437.65
3	60.325	T2KMP-300PL	331.86	T2KMP-300PM	531.85
4	79.375	T2KMP-400PL	589.89	T2KMP-400PM	839.74
6	133.350	T2KMP-600PL	462.53	T2KMP-600PM	2581.09

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

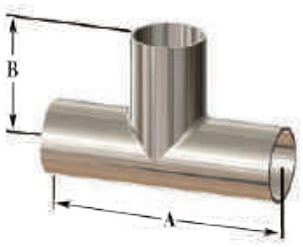
PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished

Weld x Weld x Weld Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	95.250	47.625	T7WWW-050PL	105.71	T7WWW-050PM	141.28
¾	101.600	50.800	T7WWW-075PL	113.90	T7WWW-075PM	149.47
1	107.950	53.975	T7WWW-100PL	84.39	T7WWW-100PM	124.78
1½	120.650	60.325	T7WWW-150PL	103.46	T7WWW-150PM	149.02
2	146.050	73.025	T7WWW-200PL	124.67	T7WWW-200PM	175.51
2½	158.750	79.375	T7WWW-250PL	173.49	T7WWW-250PM	249.46
3	171.450	85.725	T7WWW-300PL	215.34	T7WWW-300PM	297.49
4	209.550	104.775	T7WWW-400PL	348.54	T7WWW-400PM	450.21
6	285.750	142.875	T7WWW-600PL	1571.82	T7WWW-600PM	1396.98



BPE Table #DT-9

Price Group: DS
AV14

Weld x Weld x Weld Reducing Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
¾ x ½	101.60	50.800	T7RWWW-075050PL	99.89	T7RWWW-075050PM	209.72
1 x ½	107.95	53.975	T7RWWW-100050PL	165.06	T7RWWW-100050PM	200.17
1 x ¾	107.95	53.975	T7RWWW-100075PL	153.26	T7RWWW-100075PM	202.75
1½ x ½	120.65	60.325	T7RWWW-150050PL	178.03	T7RWWW-150050PM	232.04
1½ x ¾	120.65	60.325	T7RWWW-150075PL	153.58	T7RWWW-150075PM	212.84
1½ x 1	120.65	60.325	T7RWWW-150100PL	135.33	T7RWWW-150100PM	189.48
2 x ½	146.05	66.675	T7RWWW-200050PL	179.57	T7RWWW-200050PM	251.29
2 x ¾	146.05	66.675	T7RWWW-200075PL	182.40	T7RWWW-200075PM	253.49
2 x 1	146.05	66.675	T7RWWW-200100PL	157.03	T7RWWW-200100PM	223.58
2 x 1½	146.05	66.675	T7RWWW-200150PL	157.31	T7RWWW-200150PM	226.28
2½ x ¾	158.75	73.025	T7RWWW-250075PL	261.46	T7RWWW-250075PM	361.79
2½ x 1	158.75	73.025	T7RWWW-250100PL	200.64	T7RWWW-250100PM	300.96
2½ x 1½	158.75	73.025	T7RWWW-250150PL	198.29	T7RWWW-250150PM	298.61
2½ x 2	158.75	73.025	T7RWWW-250200PL	194.47	T7RWWW-250200PM	294.79
3 x ½	171.45	79.375	T7RWWW-300050PL	284.24	T7RWWW-300050PM	389.39
3 x ¾	171.45	79.375	T7RWWW-300075PL	281.21	T7RWWW-300075PM	386.36
3 x 1	171.45	79.375	T7RWWW-300100PL	256.41	T7RWWW-300100PM	361.56
3 x 1½	171.45	79.375	T7RWWW-300150PL	253.72	T7RWWW-300150PM	358.87
3 x 2	171.45	79.375	T7RWWW-300200PL	249.79	T7RWWW-300200PM	354.94
3 x 2½	171.45	79.375	T7RWWW-300250PL	247.89	T7RWWW-300250PM	353.03
4 x ½	209.55	92.075	T7RWWW-400050PL	452.34	T7RWWW-400050PM	572.64
4 x ¾	209.55	92.075	T7RWWW-400075PL	454.70	T7RWWW-400075PM	575.00
4 x 1	209.55	92.075	T7RWWW-400100PL	362.91	T7RWWW-400100PM	483.20
4 x 1½	209.55	92.075	T7RWWW-400150PL	360.21	T7RWWW-400150PM	480.51
4 x 2	209.55	98.425	T7RWWW-400200PL	352.81	T7RWWW-400200PM	473.10
4 x 2½	209.55	98.425	T7RWWW-400250PL	356.29	T7RWWW-400250PM	476.58
4 x 3	209.55	98.425	T7RWWW-400300PL	361.79	T7RWWW-400300PM	482.08
6 x 3	285.75	123.825	T7RWWW-600300PL	1485.07	T7RWWW-600300PM	1870.42
6 x 4	285.75	130.175	T7RWWW-600400PL	1501.34	T7RWWW-600400PM	1486.42

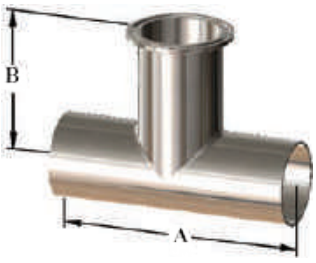


BPE Table #DT-10

Price Group: DS
AV14

Weld x Weld x Clamp Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	95.250	57.150	T7WWM-050PL	120.63	T7WWM-050PM	13.95
¾	101.600	60.325	T7WWM-075PL	122.09	T7WWM-075PM	145.42
1	107.950	66.675	T7WWM-100PL	125.68	T7WWM-100PM	120.23
1½	120.650	73.025	T7WWM-150PL	138.92	T7WWM-150PM	143.93
2	146.050	85.725	T7WWM-200PL	165.29	T7WWM-200PM	169.86
2½	158.750	92.075	T7WWM-250PL	221.07	T7WWM-250PM	241.08
3	171.450	98.425	T7WWM-300PL	283.91	T7WWM-300PM	288.24
4	209.550	120.650	T7WWM-400PL	412.06	T7WWM-400PM	438.71
6	285.750	180.975	T7WWM-600PL	1517.84	---	---



Price Group: DS
AV14

J

Clamp x Clamp x Clamp Tees



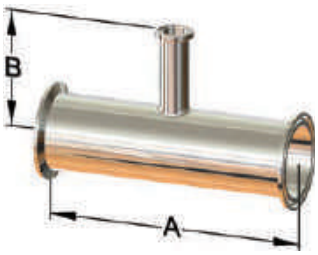
BPE Table #DT-18

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	114.300	57.150	T7MP-050PL	248.16	T7MP-050PM	243.40
¾	120.650	60.325	T7MP-075PL	206.37	T7MP-075PM	253.57
1	133.350	66.675	T7MP-100PL	198.66	T7MP-100PM	270.60
1½	146.050	73.025	T7MP-150PL	222.95	T7MP-150PM	322.14
2	171.450	85.725	T7MP-200PL	234.30	T7MP-200PM	397.91
2½	184.150	92.075	T7MP-250PL	299.39	T7MP-250PM	518.12
3	196.850	98.425	T7MP-300PL	390.66	T7MP-300PM	660.91
4	241.300	120.650	T7MP-400PL	594.33	T7MP-400PM	862.41
6	361.950	180.975	T7MP-600PL	1759.80	T7MP-600PM	2978.88

Price Group: DS

AV14

Clamp x Clamp x Clamp Reducing Tees



BPE Table #DT-19

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
¾ x ½	127.00	63.500	T7RMP-075050PL	360.83	T7RMP-075050PM	303.55
1 x ½	133.35	66.675	T7RMP-100050PL	343.02	T7RMP-100050PM	321.57
1 x ¾	133.35	66.675	T7RMP-100075PL	283.76	T7RMP-100075PM	323.92
1½ x ½	146.05	73.025	T7RMP-150050PL	369.76	T7RMP-150050PM	368.22
1½ x ¾	146.05	73.025	T7RMP-150075PL	270.91	T7RMP-150075PM	362.37
1½ x 1	146.05	73.025	T7RMP-150100PL	204.54	T7RMP-150100PM	332.47
2 x ½	171.45	79.375	T7RMP-200050PL	304.85	T7RMP-200050PM	430.78
2 x ¾	171.45	79.375	T7RMP-200075PL	296.66	T7RMP-200075PM	432.35
2 x 1	171.45	79.375	T7RMP-200100PL	254.41	T7RMP-200100PM	402.37
2 x 1½	171.45	79.375	T7RMP-200150PL	264.28	T7RMP-200150PM	405.58
2½ x ½	184.15	85.725	T7RMP-250050PL	360.21	T7RMP-250050PM	548.38
2½ x ¾	184.15	85.725	T7RMP-250075PL	362.52	T7RMP-250075PM	551.31
2½ x 1	184.15	85.725	T7RMP-250100PL	338.81	T7RMP-250100PM	529.05
2½ x 1½	184.15	85.725	T7RMP-250150PL	342.24	T7RMP-250150PM	531.15
2½ x 2	184.15	85.725	T7RMP-250200PL	352.00	T7RMP-250200PM	547.12
3 x ½	196.85	92.075	T7RMP-300050PL	619.07	T7RMP-300050PM	435.84
3 x ¾	196.85	92.075	T7RMP-300075PL	398.85	T7RMP-300075PM	633.13
3 x 1	196.85	92.075	T7RMP-300100PL	380.75	T7RMP-300100PM	648.33
3 x 1½	196.85	92.075	T7RMP-300150PL	394.94	T7RMP-300150PM	645.19
3 x 2	196.85	92.075	T7RMP-300200PL	400.70	T7RMP-300200PM	657.13
3 x 2½	196.85	92.075	T7RMP-300250PL	414.44	T7RMP-300250PM	672.36
4 x ½	241.30	104.775	T7RMP-400050PL	750.33	T7RMP-400050PM	915.21
4 x ¾	241.30	104.775	T7RMP-400075PL	652.49	T7RMP-400075PM	918.19
4 x 1	241.30	104.775	T7RMP-400100PL	547.41	T7RMP-400100PM	914.89
4 x 1½	241.30	104.775	T7RMP-400150PL	576.55	T7RMP-400150PM	858.20
4 x 2	241.30	104.775	T7RMP-400200PL	572.42	T7RMP-400200PM	867.30
4 x 2½	241.30	104.775	T7RMP-400250PL	588.54	T7RMP-400250PM	883.37
4 x 3	241.30	104.775	T7RMP-400300PL	602.02	T7RMP-400300PM	900.35
6 x 3	361.95	136.525	T7RMP-600300PL	1838.96	T7RMP-600300PM	2629.62
6 x 4	361.95	146.050	T7RMP-600400PL	2510.41	T7RMP-600400PM	2659.16

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished

J

Weld x Weld x Clamp Short Outlet Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	95.250	25.400	T7WWMS-050PL	132.08	T7WWMS-050PM	175.51
¾	101.600	28.575	T7WWMS-075PL	132.42	T7WWMS-075PM	162.71
1	107.950	28.575	T7WWMS-100PL	117.38	T7WWMS-100PM	165.63
1½	120.650	34.925	T7WWMS-150PL	131.74	T7WWMS-150PM	185.16
2	146.050	41.275	T7WWMS-200PL	157.22	T7WWMS-200PM	215.01
2½	158.750	47.625	T7WWMS-250PL	217.25	T7WWMS-250PM	299.39
3	171.450	53.975	T7WWMS-300PL	269.99	T7WWMS-300PM	361.67
4	209.550	69.850	T7WWMS-400PL	397.81	T7WWMS-400PM	509.46
6	285.750	117.475	T7WWMS-600PL	1626.58	T7WWMS-600PM	2228.28



BPE Table #DT-15

Price Group: DS

AV14

Weld x Weld x Clamp Short Outlet Reducing Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
¾ x ½	101.60	25.400	T7RWWMS-075050PL	226.11	T7RWWMS-075050PM	220.61
1 x ½	107.95	28.575	T7RWWMS-100050PL	110.16	T7RWWMS-100050PM	171.44
1 x ¾	107.95	28.575	T7RWWMS-100075PL	113.82	T7RWWMS-100075PM	168.36
1½ x ½	120.65	34.925	T7RWWMS-150050PL	140.02	T7RWWMS-150050PM	221.42
1½ x ¾	120.65	34.925	T7RWWMS-150075PL	109.71	T7RWWMS-150075PM	212.72
1½ x 1	120.65	34.925	T7RWWMS-150100PL	99.21	T7RWWMS-150100PM	217.79
2 x ½	146.05	41.275	T7RWWMS-200050PL	135.62	T7RWWMS-200050PM	249.71
2 x ¾	146.05	41.275	T7RWWMS-200075PL	121.11	T7RWWMS-200075PM	249.71
2 x 1	146.05	41.275	T7RWWMS-200100PL	114.55	T7RWWMS-200100PM	258.10
2 x 1½	146.05	41.275	T7RWWMS-200150PL	120.96	T7RWWMS-200150PM	258.10
2½ x ½	158.75	47.625	T7RWWMS-250050PL	157.41	T7RWWMS-250050PM	323.44
2½ x ¾	158.75	47.625	T7RWWMS-250075PL	155.20	T7RWWMS-250075PM	323.44
2½ x 1	158.75	47.625	T7RWWMS-250100PL	147.72	T7RWWMS-250100PM	330.76
2½ x 1½	158.75	47.625	T7RWWMS-250150PL	153.06	T7RWWMS-250150PM	334.05
2½ x 2	158.75	47.625	T7RWWMS-250200PL	165.85	T7RWWMS-250200PM	359.98
3 x ½	171.45	53.975	T7RWWMS-300050PL	195.81	T7RWWMS-300050PM	405.53
3 x ¾	171.45	53.975	T7RWWMS-300075PL	182.24	T7RWWMS-300075PM	405.53
3 x 1	171.45	53.975	T7RWWMS-300100PL	177.83	T7RWWMS-300100PM	413.77
3 x 1½	171.45	53.975	T7RWWMS-300150PL	180.85	T7RWWMS-300150PM	413.77
3 x 2	171.45	53.975	T7RWWMS-300200PL	190.14	T7RWWMS-300200PM	440.07
3 x 2½	171.45	53.975	T7RWWMS-300250PL	203.69	T7RWWMS-300250PM	457.26
4 x ½	209.55	66.675	T7RWWMS-400050PL	335.13	T7RWWMS-400050PM	621.09
4 x ¾	209.55	66.675	T7RWWMS-400075PL	322.27	T7RWWMS-400075PM	621.09
4 x 1	209.55	66.675	T7RWWMS-400100PL	260.83	T7RWWMS-400100PM	566.88
4 x 1½	209.55	66.675	T7RWWMS-400150PL	261.83	T7RWWMS-400150PM	566.88
4 x 2	209.55	66.675	T7RWWMS-400200PL	271.24	T7RWWMS-400200PM	592.73
4 x 2½	209.55	66.675	T7RWWMS-400250PL	285.83	T7RWWMS-400250PM	603.97
4 x 3	209.55	66.675	T7RWWMS-400300PL	304.66	T7RWWMS-400300PM	613.87
6 x 3	285.75	92.075	T7RWWMS-600300PL	946.12	T7RWWMS-600300PM	1729.01
6 x 4	285.75	95.250	T7RWWMS-600400PL	1127.52	T7RWWMS-600400PM	1729.01



BPE Table #DT-14

Price Group: DS

AV14

J

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished

Clamp x Clamp x Clamp Short Outlet Tees



BPE Table #DT-27

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½	114.30	25.400	T7MPS-050PL	280.42	T7MPS-050PM	254.43
¾	120.65	28.575	T7MPS-075PL	211.94	T7MPS-075PM	261.47
1	133.35	28.575	T7MPS-100PL	194.97	T7MPS-100PM	273.47
1½	146.05	34.925	T7MPS-150PL	219.95	T7MPS-150PM	323.94
2	171.45	41.275	T7MPS-200PL	230.76	T7MPS-200PM	335.22
2½	184.15	47.625	T7MPS-250PL	350.80	T7MPS-250PM	516.38
3	196.85	53.975	T7MPS-300PL	378.61	T7MPS-300PM	667.14
4	241.30	69.850	T7MPS-400PL	625.37	T7MPS-400PM	895.07
6	361.95	117.475	T7MPS-600PL	1964.05	T7MPS-600PM	2460.53

Price Group: DS
AV14

Clamp x Clamp x Clamp Short Outlet Reducing Tees

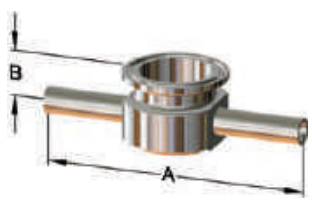


BPE Table #DT-20

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
¾ x ½	127.000	25.400	T7RMPS-075050PL	321.30	T7RMPS-075050PM	283.78
1 x ½	130.175	28.575	T7RMPS-100050PL	225.08	T7RMPS-100050PM	275.78
1 x ¾	130.175	28.575	T7RMPS-100075PL	242.24	T7RMPS-100075PM	275.78
1½ x ½	146.050	34.925	T7RMPS-150050PL	260.15	T7RMPS-150050PM	338.36
1½ x ¾	146.050	34.925	T7RMPS-150075PL	228.27	T7RMPS-150075PM	328.31
1½ x 1	146.050	34.925	T7RMPS-150100PL	198.21	T7RMPS-150100PM	306.71
2 x ½	171.450	41.275	T7RMPS-200050PL	280.90	T7RMPS-200050PM	406.88
2 x ¾	171.450	41.275	T7RMPS-200075PL	266.89	T7RMPS-200075PM	391.69
2 x 1	171.450	41.275	T7RMPS-200100PL	218.87	T7RMPS-200100PM	360.58
2 x 1½	171.450	41.275	T7RMPS-200150PL	226.06	T7RMPS-200150PM	363.89
2½ x ½	184.150	47.625	T7RMPS-250050PL	329.67	T7RMPS-250050PM	485.72
2½ x ¾	184.150	47.625	T7RMPS-250075PL	318.55	T7RMPS-250075PM	485.66
2½ x 1	184.150	47.625	T7RMPS-250100PL	271.10	T7RMPS-250100PM	464.81
2½ x 1½	184.150	47.625	T7RMPS-250150PL	281.84	T7RMPS-250150PM	464.75
2½ x 2	184.150	47.625	T7RMPS-250200PL	286.56	T7RMPS-250200PM	476.20
3 x ½	196.850	53.975	T7RMPS-300050PL	359.47	T7RMPS-300050PM	555.15
3 x ¾	196.850	53.975	T7RMPS-300075PL	332.80	T7RMPS-300075PM	555.15
3 x 1	196.850	53.975	T7RMPS-300100PL	311.14	T7RMPS-300100PM	566.75
3 x 1½	196.850	53.975	T7RMPS-300150PL	326.86	T7RMPS-300150PM	562.26
3 x 2	196.850	53.975	T7RMPS-300200PL	331.11	T7RMPS-300200PM	573.31
3 x 2½	196.850	53.975	T7RMPS-300250PL	339.48	T7RMPS-300250PM	590.90
4 x ½	241.300	66.675	T7RMPS-400050PL	631.61	T7RMPS-400050PM	790.97
4 x ¾	241.300	66.675	T7RMPS-400075PL	542.26	T7RMPS-400075PM	790.97
4 x 1	241.300	66.675	T7RMPS-400100PL	468.15	T7RMPS-400100PM	765.52
4 x 1½	241.300	66.675	T7RMPS-400150PL	491.15	T7RMPS-400150PM	765.52
4 x 2	241.300	66.675	T7RMPS-400200PL	495.23	T7RMPS-400200PM	776.87
4 x 2½	241.300	66.675	T7RMPS-400250PL	506.55	T7RMPS-400250PM	789.25
4 x 3	241.300	66.675	T7RMPS-400300PL	516.92	T7RMPS-400300PM	803.11
6 x 3	361.950	92.075	T7RMPS-600300PL	1554.74	T7RMPS-600300PM	2345.83
6 x 4	361.950	95.250	T7RMPS-600400PL	2154.10	T7RMPS-600400PM	2359.09

Price Group: DS
AV14

Weld x Weld x Clamp Instrument Tees



BPE Table #DT-28

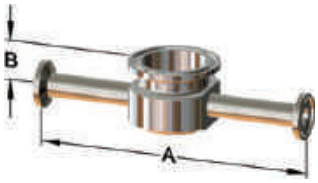
Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½ x 1½	127.00	22.225	T7IWWMS050150PL	332.05	T7IWWMS050150PM	439.55
¾ x 1½	127.00	25.400	T7IWWMS075150PL	374.24	T7IWWMS075150PM	457.06
1 x 1½	127.00	28.575	T7IWWMS100150PL	349.55	T7IWWMS100150PM	493.75
½ x 2	139.70	25.400	T7IWWMS050200PL	461.55	T7IWWMS050200PM	583.75
¾ x 2	139.70	28.575	T7IWWMS075200PL	386.25	T7IWWMS075200PM	493.75
1 x 2	139.70	31.750	T7IWWMS100200PL	545.93	T7IWWMS100200PM	668.14
1½ x 2	139.70	38.100	T7IWWMS150200PL	702.81	T7IWWMS150200PM	825.01

Price Group: DS
AV14

Clamp x Clamp x Clamp Instrument Tees

Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½ x 1½	152.40	22.225	T7IMPS-050150PL	495.77	T7IMPS-050150PM	622.80
¾ x 1½	152.40	25.400	T7IMPS-075150PL	501.72	T7IMPS-075150PM	643.45
1 x 1½	152.40	28.575	T7IMPS-100150PL	539.98	T7IMPS-100150PM	645.47
½ x 2	165.10	25.400	T7IMPS-050200PL	609.67	T7IMPS-050200PM	751.40
¾ x 2	165.10	28.575	T7IMPS-075200PL	539.98	T7IMPS-075200PM	667.01
1 x 2	165.10	31.750	T7IMPS-100200PL	707.19	T7IMPS-100200PM	848.92
1½ x 2	165.10	38.100	T7IMPS150200PL	605.37	T7IMPS150200PM	697.00

Price Group: DS



BPE Table #DT-29

Weld x Weld Concentric Reducers

AV14

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	101.60	T31W-075050PL	114.70	T31W-075050PM	137.75
1 x ½	114.30	T31W-100050PL	143.89	T31W-100050PM	152.44
1 x ¾	101.60	T31W-100075PL	87.49	T31W-100075PM	127.61
1½ x ½	139.70	T31W-150050PL	138.28	T31W-150050PM	183.89
1½ x ¾	127.00	T31W-150075PL	101.41	T31W-150075PM	176.43
1½ x 1	127.00	T31W-150100PL	125.86	T31W-150100PM	121.04
2 x ½	196.85	T31W-200050PL	225.22	T31W-200050PM	295.21
2 x ¾	184.15	T31W-200075PL	200.59	T31W-200075PM	226.95
2 x 1	184.15	T31W-200100PL	139.26	T31W-200100PM	206.24
2 x 1½	133.35	T31W-200150PL	128.41	T31W-200150PM	155.61
2½ x ½	247.65	T31W-250050PL	280.42	T31W-250050PM	371.47
2½ x ¾	234.95	T31W-250075PL	236.00	T31W-250075PM	328.38
2½ x 1	234.95	T31W-250100PL	198.49	T31W-250100PM	291.95
2½ x 1½	184.15	T31W-250150PL	221.96	T31W-250150PM	439.64
2½ x 2	139.70	T31W-250200PL	237.19	T31W-250200PM	367.57
3 x 1	285.75	T31W-300100PL	298.78	T31W-300100PM	389.53
3 x 1½	234.95	T31W-300150PL	230.71	T31W-300150PM	850.30
3 x 2	190.50	T31W-300200PL	165.55	T31W-300200PM	241.72
3 x 2½	139.70	T31W-300250PL	145.91	T31W-300250PM	248.09
4 x 1	393.70	T31W-400100PL	500.11	T31W-400100PM	608.62
4 x 1½	342.90	T31W-400150PL	444.28	T31W-400150PM	552.72
4 x 2	298.45	T31W-400200PL	379.38	T31W-400200PM	480.81
4 x 2½	247.65	T31W-400250PL	305.45	T31W-400250PM	413.89
4 x 3	196.85	T31W-400300PL	275.72	T31W-400300PM	394.99
6 x 3	254.00	T31W-600300PL	1085.76	T31W-600300PM	1405.14
6 x 4	254.00	T31W-600400PL	1093.76	T31W-600400PM	1413.52

Price Group: DS

AV14



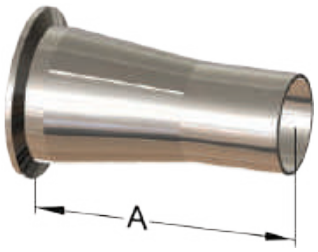
BPE Table #DT-11

J

Note: Not all sizes and finishes are stocked.
PL Finish - SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish - SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished & Electropolished

Clamp x Weld Concentric Reducers



BPE Table #DT-26

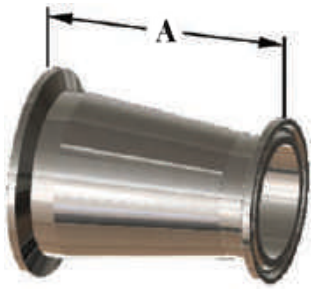
Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	76.200	T31M-075050PL	178.27	T31M-075050PM	224.17
1 x ½	88.900	T31M-100050PL	223.92	T31M-100050PM	280.56
1 x ¾	76.200	T31M-100075PL	167.17	T31M-100075PM	223.80
1½ x ½	114.300	T31M-150050PL	258.52	T31M-150050PM	346.91
1½ x ¾	101.600	T31M-150075PL	220.37	T31M-150075PM	308.75
1½ x 1	101.600	T31M-150100PL	159.23	T31M-150100PM	433.41
2 x ½	165.100	T31M-200050PL	320.38	T31M-200050PM	433.41
2 x ¾	152.400	T31M-200075PL	306.99	T31M-200075PM	420.13
2 x 1	152.400	T31M-200100PL	292.41	T31M-200100PM	405.44
2 x 1½	101.600	T31M-200150PL	230.89	T31M-200150PM	242.41
2½ x ½	215.900	T31M-250050PL	594.43	T31M-250050PM	735.90
2½ x ¾	203.200	T31M-250075PL	572.86	T31M-250075PM	714.32
2½ x 1	203.200	T31M-250100PL	398.58	T31M-250100PM	540.04
2½ x 1½	152.400	T31M-250150PL	320.25	T31M-250150PM	461.73
2½ x 2	107.950	T31M-250200PL	272.03	T31M-250200PM	413.50
3 x 1	254.000	T31M-300100PL	559.96	T31M-300100PM	729.61
3 x 1½	203.200	T31M-300150PL	458.52	T31M-300150PM	628.30
3 x 2	158.750	T31M-300200PL	351.82	T31M-300200PM	521.56
3 x 2½	107.950	T31M-300250PL	310.78	T31M-300250PM	480.44
4 x 1	358.775	T31M-400100PL	915.75	T31M-400100PM	1127.83
4 x 1½	307.975	T31M-400150PL	852.48	T31M-400150PM	1064.56
4 x 2	263.525	T31M-400200PL	750.94	T31M-400200PM	963.03
4 x 2½	212.725	T31M-400250PL	616.10	T31M-400250PM	828.20
4 x 3	161.925	T31M-400300PL	512.93	T31M-400300PM	725.00
6 x 3	228.600	T31M-600300PL	1815.40	T31M-600300PM	2098.22
6 x 4	228.600	T31M-600400PL	1770.61	T31M-600400PM	2053.42

Price Group: DS

AV14

J

Clamp x Clamp Concentric Reducers



BPE Table #DT-21

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	50.800	T3114MP075050PL	174.16	T3114MP075050PM	220.07
1 x ½	63.500	T3114MP100050PL	223.69	T3114MP100050PM	280.28
1 x ¾	50.800	T3114MP100075PL	183.13	T3114MP100075PM	239.72
1½ x ½	88.900	T3114MP150050PL	300.19	T3114MP150050PM	388.65
1½ x ¾	76.200	T3114MP150075PL	232.89	T3114MP150075PM	321.33
1½ x 1	76.200	T3114MP150100PL	167.07	T3114MP150100PM	255.53
2 x ½	139.700	T3114MP200050PL	321.22	T3114MP200050PM	434.30
2 x ¾	127.000	T3114MP200075PL	314.37	T3114MP200075PM	427.46
2 x 1	127.000	T3114MP200100PL	264.36	T3114MP200100PM	377.45
2 x 1½	76.200	T3114MP200150PL	191.82	T3114MP200150PM	365.42
2½ x ½	190.500	T3114MP250050PL	571.55	T3114MP250050PM	713.02
2½ x ¾	177.800	T3114MP250075PL	549.53	T3114MP250075PM	690.99
2½ x 1	177.800	T3114MP250100PL	376.54	T3114MP250100PM	517.99
2½ x 1½	127.000	T3114MP250150PL	294.60	T3114MP250150PM	436.04
2½ x 2	76.200	T3114MP250200PL	243.71	T3114MP250200PM	385.16
3 x 1	228.600	T3114MP300100PL	541.94	T3114MP300100PM	711.61
3 x 1½	177.800	T3114MP300150PL	448.61	T3114MP300150PM	448.57
3 x 2	127.000	T3114MP300200PL	327.43	T3114MP300200PM	618.36
3 x 2½	76.200	T3114MP300250PL	284.59	T3114MP300250PM	454.38
4 x 1	333.375	T3114MP400100PL	829.03	T3114MP400100PM	1041.11
4 x 1½	282.575	T3114MP400150PL	763.86	T3114MP400150PM	763.86
4 x 2	231.775	T3114MP400200PL	644.04	T3114MP400200PM	975.95
4 x 2½	180.975	T3114MP400250PL	543.00	T3114MP400250PM	755.20
4 x 3	130.175	T3114MP400300PL	442.51	T3114MP400300PM	654.63
6 x 3	193.675	T3114MP600300PL	1541.71	T3114MP600300PM	1824.52
6 x 4	193.675	T3114MP600400PL	1526.06	T3114MP600400PM	1808.99

Price Group: DS

AV14

Weld x Weld Eccentric Reducers

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	101.60	T32W-075050PL	187.07	T32W-075050PM	239.25
1 x ½	114.30	T32W-100050PL	191.78	T32W-100050PM	252.60
1 x ¾	101.60	T32W-100075PL	112.33	T32W-100075PM	173.15
1½ x ½	139.70	T32W-150050PL	235.88	T32W-150050PM	305.34
1½ x ¾	127.00	T32W-150075PL	150.71	T32W-150075PM	220.17
1½ x 1	127.00	T32W-150100PL	106.94	T32W-150100PM	176.40
2 x ½	196.85	T32W-200050PL	300.52	T32W-200050PM	382.99
2 x ¾	184.15	T32W-200075PL	284.69	T32W-200075PM	367.17
2 x 1	184.15	T32W-200100PL	216.91	T32W-200100PM	299.39
2 x 1½	133.35	T32W-200150PL	137.13	T32W-200150PM	219.61
2½ x ½	247.65	T32W-250050PL	444.26	---	---
2½ x ¾	234.95	T32W-250075PL	430.35	---	---
2½ x 1	234.95	T32W-250100PL	307.92	T32W-250100PM	411.72
2½ x 1½	184.15	T32W-250150PL	254.51	T32W-250150PM	358.31
2½ x 2	139.70	T32W-250200PL	216.91	T32W-250200PM	320.71
3 x 1	285.75	T32W-300100PL	408.58	T32W-300100PM	525.40
3 x 1½	234.95	T32W-300150PL	365.60	T32W-300150PM	482.42
3 x 2	190.50	T32W-300200PL	232.74	T32W-300200PM	349.55
3 x 2½	139.70	T32W-300250PL	207.26	T32W-300250PM	324.08
4 x 1	393.70	T32W-400100PL	719.64	T32W-400100PM	866.09
4 x 1½	342.90	T32W-400150PL	636.38	T32W-400150PM	782.82
4 x 2	298.45	T32W-400200PL	527.19	T32W-400200PM	673.63
4 x 2½	247.65	T32W-400250PL	438.43	T32W-400250PM	584.87
4 x 3	196.85	T32W-400300PL	347.08	T32W-400300PM	493.53
6 x 3	247.65	T32W-600300PL	1418.19	T32W-600300PM	1715.34
6 x 4	254.00	T32W-600400PL	1458.70	T32W-600400PM	1755.85



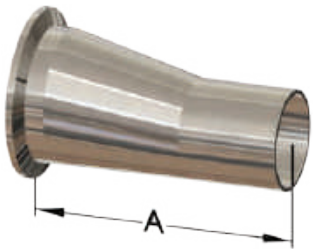
BPE Table #DT-11

Price Group: DS

AV14

Clamp x Weld Eccentric Reducers

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	76.200	T32M-075050PL	140.18	T32M-075050PM	194.92
1 x ½	88.900	T32M-100050PL	190.98	T32M-100050PM	253.50
1 x ¾	76.200	T32M-100075PL	118.16	T32M-100075PM	180.68
1½ x ½	114.300	T32M-150050PL	211.58	T32M-150050PM	281.98
1½ x ¾	101.600	T32M-150075PL	163.51	T32M-150075PM	233.90
1½ x 1	101.600	T32M-150100PL	122.00	T32M-150100PM	192.39
2 x ½	165.100	T32M-200050PL	266.63	T32M-200050PM	348.33
2 x ¾	152.400	T32M-200075PL	255.52	T32M-200075PM	337.22
2 x 1	152.400	T32M-200100PL	231.48	T32M-200100PM	313.18
2 x 1½	101.600	T32M-200150PL	177.45	T32M-200150PM	259.15
2½ x ½	215.900	T32M-250050PL	481.44	T32M-250050PM	583.04
2½ x ¾	203.200	T32M-250075PL	463.67	T32M-250075PM	565.27
2½ x 1	203.200	T32M-250100PL	334.29	T32M-250100PM	435.89
2½ x 1½	152.400	T32M-250150PL	247.54	T32M-250150PM	349.14
2½ x 2	107.950	T32M-250200PL	207.44	T32M-250200PM	309.04
3 x 1	254.000	T32M-300100PL	417.31	T32M-300100PM	530.73
3 x 1½	203.200	T32M-300150PL	346.51	T32M-300150PM	459.93
3 x 2	158.750	T32M-300200PL	273.29	T32M-300200PM	386.71
3 x 2½	107.950	T32M-300250PL	243.30	T32M-300250PM	356.71
4 x 1	358.775	T32M-400100PL	713.53	T32M-400100PM	846.03
4 x 1½	307.975	T32M-400150PL	655.05	T32M-400150PM	787.56
4 x 2	263.525	T32M-400200PL	616.63	T32M-400200PM	763.86
4 x 2½	212.725	T32M-400250PL	527.98	T32M-400250PM	675.21
4 x 3	161.925	T32M-400300PL	416.77	T32M-400300PM	564.00
6 x 3	222.250	T32M-600300PL	1743.28	T32M-600300PM	2234.19
6 x 4	228.600	T32M-600400PL	1726.34	---	---



BPE Table #DT-26

Price Group: DS

AV14

J

Clamp x Clamp Eccentric Reducers



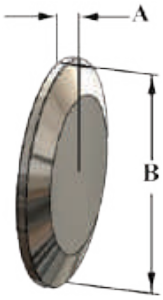
BPE Table #DT-21

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
¾ x ½	101.60	T3214MP075050PL	118.87	T3214MP075050PM	181.39
1 x ½	114.30	T3214MP100050PL	170.78	T3214MP100050PM	241.18
1 x ¾	101.60	T3214MP100075PL	118.16	T3214MP100075PM	188.56
1½ x ½	139.70	T3214MP150050PL	196.94	T3214MP150050PM	267.33
1½ x ¾	127.00	T3214MP150075PL	161.09	T3214MP150075PM	239.26
1½ x 1	127.00	T3214MP150100PL	123.01	T3214MP150100PM	201.18
2 x ½	196.85	T3214MP200050PL	270.46	T3214MP200050PM	360.35
2 x ¾	184.15	T3214MP200075PL	255.82	T3214MP200075PM	345.71
2 x 1	184.15	T3214MP200100PL	204.62	T3214MP200100PM	294.50
2 x 1½	133.35	T3214MP200150PL	144.02	T3214MP200150PM	233.90
2½ x ½	247.65	T3214MP250050PL	414.48	T3214MP250050PM	523.96
2½ x ¾	234.95	T3214MP250075PL	398.42	T3214MP250075PM	507.90
2½ x 1	234.95	T3214MP250100PL	301.87	T3214MP250100PM	411.35
2½ x 1½	184.15	T3214MP250150PL	220.27	T3214MP250150PM	329.75
2½ x 2	139.70	T3214MP250200PL	181.59	T3214MP250200PM	291.07
3 x 1	285.75	T3214MP300100PL	396.30	T3214MP300100PM	517.50
3 x 1½	234.95	T3214MP300150PL	329.04	T3214MP300150PM	450.23
3 x 2	190.50	T3214MP300200PL	249.56	T3214MP300200PM	370.75
3 x 2½	139.70	T3214MP300250PL	222.79	T3214MP300250PM	343.99
4 x 1	393.70	T3214MP400100PL	616.67	T3214MP400100PM	757.46
4 x 1½	342.90	T3214MP400150PL	562.24	T3214MP400150PM	703.02
4 x 2	298.45	T3214MP400200PL	461.85	T3214MP400200PM	602.64
4 x 2½	247.65	T3214MP400250PL	406.10	T3214MP400250PM	546.89
4 x 3	196.85	T3214MP400300PL	329.04	T3214MP400300PM	469.83
6 x 3	190.50	T3214MP600300PL	1266.47	T3214MP600300PM	1533.91
6 x 4	254.00	T3214MP600400PL	1284.05	T3214MP600400PM	1551.48

Price Group: DS
AV14

J

Solid End Caps



Size (inch)	Dim (A)	Dim (B)	PL Finish - SF1		PM Finish - SF4	
			Part No.	Price $	Part No.	Price $
½-¾	4.826	25.400	T16AMP-050075PL	13.02	T16AMP-050075PM	13.25
1-1½	6.350	50.546	T16AMP-100150PL	20.29	T16AMP-100150PM	21.45
2	6.350	64.008	T16AMP-200PL	33.03	T16AMP-200PM	34.87
2½	6.350	77.470	T16AMP-250PL	48.54	T16AMP-250PM	51.32
3	6.350	90.932	T16AMP-300PL	71.22	T16AMP-300PM	73.87
4	7.874	119.126	T16AMP-400PL	133.93	T16AMP-400PM	141.65
6	11.176	166.624	T16AMP-600PL	384.39	T16AMP-600PM	554.25

BPE Table #DT-31

Price Group: DS
AV14

Auto Weld Ferrules



BPE Table #DT-22

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	44.45	TL14AM7-050PL	32.11	TL14AM7-050PM	81.56
¾	44.45	TL14AM7-075PL	34.29	TL14AM7-075PM	74.61
1	44.45	TL14AM7-100PL	43.13	TL14AM7-100PM	96.78
1½	44.45	TL14AM7-150PL	39.84	TL14AM7-150PM	82.66
2	57.15	TL14AM7-200PL	52.89	TL14AM7-200PM	123.40
2½	57.15	TL14AM7-250PL	70.36	TL14AM7-250PM	194.24
3	57.15	TL14AM7-300PL	92.35	TL14AM7-300PM	207.95
4	57.15	TL14AM7-400PL	141.60	TL14AM7-400PM	311.27
6	76.20	TL14AM7-600PL	756.38	TL14AM7-600PM	717.07

Price Group: DS
AV14

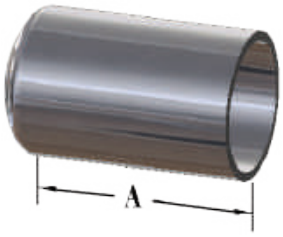
Note: Not all sizes and finishes are stocked.

PL Finish - SF1
OD = 32R_a Mechanically Polished
ID = 20R_a Mechanically Polished

PM Finish - SF4
OD = 32R_a Mechanically Polished
ID = 15R_a Mechanically Polished & Electropolished

Weld Caps

Size (inch)	Dim (A)	PL Finish - SF1		PM Finish - SF4	
		Part No.	Price $	Part No.	Price $
½	38.10	T16W-050PL	50.48	T16W-050PM	104.00
¾	38.10	T16W-075PL	48.24	T16W-075PM	101.74
1	38.10	T16W-100PL	40.95	T16W-100PM	116.18
1½	38.10	T16W-150PL	65.06	T16W-150PM	168.58
2	38.10	T16W-200PL	75.48	T16W-200PM	205.76
2½	38.10	T16W-250PL	109.69	T16W-250PM	270.36
3	38.10	T16W-300PL	152.37	T16W-300PM	352.34
4	50.80	T16W-400PL	202.77	T16W-400PM	452.57
6	63.50	T16W-600PL	536.99	T16W-600PM	825.35



BPE Table #DT-30

Price Group: DS

AV14

Note: Not all sizes and finishes are stocked.

PL Finish - SF1

OD = 32R_a Mechanically Polished

ID = 20R_a Mechanically Polished

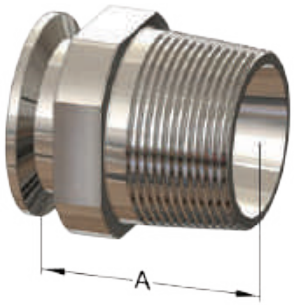
PM Finish - SF4

OD = 32R_a Mechanically Polished

ID = 15R_a Mechanically Polished & Electropolished

Clamp Adaptor x Male NPT

Size (inch)	Dim (A)	PL Finish - SF1	
		Part No.	Price $
½ x ¼	50.800	T21MP-050025PL	83.35
½ x ⅜	50.800	T21MP-050375PL	94.05
½	41.275	T21MP-050PL	207.99
½ x ¾	50.800	T21MP-050075PL	118.25
¾ x ¼	50.800	T21MP-075025PL	277.43
¾ x ½	50.800	T21MP-075050PL	103.41
¾	57.150	T21MP-075PL	112.84
1	57.150	T21MP-100PL	171.85
1½	57.150	T21MP-150PL	185.08
2	67.005	T21MP-200PL	262.74
2½	73.025	T21MP-250PL	347.28
3	77.978	T21MP-300PL	484.16
4	80.137	T21MP-400PL	519.59

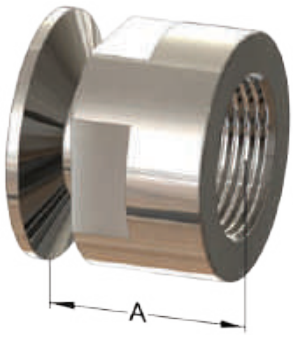


Price Group: DS

AV14

Clamp Adaptor x Female NPT

Size (inch)	Dim (A)	PL Finish - SF1	
		Part No.	Price $
½ x ¼	38.100	T22MP-050025PL	89.97
½ x ⅜	38.100	T22MP-050375PL	75.84
½	38.100	T22MP-050PL	85.72
½ x ¾	38.100	T22MP-050075PL	107.21
¾ x ¼	38.100	T22MP-075025PL	367.69
¾ x ⅜	38.100	T22MP-075375PL	287.57
¾ x ½	41.275	T22MP-075050PL	94.09
¾	41.275	T22MP-075PL	103.86
1	41.275	T22MP-100PL	166.10
1½	57.150	T22MP-150PL	185.88
2	61.112	T22MP-200PL	242.25
2½	55.550	T22MP-250PL	292.41
3	55.550	T22MP-300PL	368.44
4"	92.761	T22MP-400PL	470.02



Price Group: DS

AV14

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All Fittings Comply With ASME BPE-2009 - Table DT-5-1
Final Tolerances For Mechanically Polished Fittings and Process Components

Nominal Size (inch)	OD	Wall Thickness	Squareness Face to Tangent (B)	Off Angle (O)	Tolerance on End-to-End (E) & Centre-to-End (A)	Off Plane (P)
½	±0.005	±0.005/-0.008	0.005	0.014	0.050	0.030
¾	±0.005	±0.005/-0.008	0.005	0.018	0.050	0.030
1	±0.005	±0.005/-0.008	0.008	0.025	0.050	0.030
1½	±0.008	±0.005/-0.008	0.008	0.034	0.050	0.050
2	±0.008	±0.005/-0.008	0.008	0.043	0.050	0.050
2½	±0.010	±0.005/-0.008	0.010	0.054	0.050	0.050
3	±0.010	±0.005/-0.008	0.016	0.068	0.050	0.050
4	±0.015	±0.008/-0.010	0.016	0.086	0.050	0.060



Squareness to Face



Off Angle



End-to-End

J



Off Plane



Off Angle



Centre-to-End

Technical Specifications

Weld End Chemical Analysis (%) per ASME BPE 2009 Table DT-3								
Element	**C**	**Mn**	**P**	**S**	**Si**	**Cr**	**Ni**	**Mo**
Minimum	-	-	-	0.005	-	16.00	10.00	2.00
Maximum	0.030	2.00	0.045	0.017	1.00	18.00	15.00	3.00

BPE Surface Finish Requirements (SF-3)			
Surface Designation	Mechanically Polished ID and OD		Dixon Sa***nitary*** High Purity Code
	R_a Maximum		
	ID µ-m	OD µ-m	
SF0	no finish requirement	no finish requirement	
SF1	.508	.812	**PL**
SF2	.635	.812	
SF3	.762	.812	
Surface Designation	Mechanically Polished OD and Electropolished ID		
	R_a Maximum		
	ID µ-m	OD µ-m	
SF4	.381	.812	PM
SF5	.508	.812	
SF6	.635	.812	

Acceptance Criteria for Stainless Steel Mechanically Polished Product Contact Surface Finishes	
Anomaly or Indication	**Acceptance Criteria**
Pits	If diameter <0.020" and bottom is shiny [Notes (2) and (4)]. Pits <0.003" Diameter is irrelevant and acceptable.
Cluster of pits	No more than 4 pits per each ½" x ½" inspection window. The cumulative total of all relevant pits shall not exceed 0.040".
Dents	None accepted [note (1)]
Finishing marks	If R_a maximum is met
Welds	As welded shall meet requirements of MJ-6. If welds are finished, then shall be smooth and blended.
Nicks	None accepted
Scratches	For tubing, if cumulative length is <12.0" per 20' tube length or prorated and if depth is <0.003" For fittings, valves and other process components, if length is <0.25" cumulatively, depth <0.003" and R_a max. is met. For vessels, if length <0.50" at 0.003 depth and if <3 per inspection window [Note (3)].
Surface cracks	None accepted
Surface inclusions	If R_a max. is met
Surface residuals	None accepted, visual inspection
Surface roughness (R_a)	See Table SF-3 (see above)
Weld slag	For tubing, up to 3 per 20' length or prorated, if <75% of the width of the weld bead. For fittings, valves, vessels and other process components, none accepted (as welded shall meet the requirements of MJ-6 and Table MJ-3).
Porosity	None open to the surface

Notes:

1. For vessels, dents in the area covered by and resulting from welding dimple heat transfer jackets are acceptable.
2. Black bottom pit of any depth is not acceptable.
3. An inspection window is defined as an area 4" x 4".
4. Pits in super-austenitic and nickel alloys may exceed this value. Acceptance criteria for pit size shall be established by agreement between owner/user and manufacturer. All other pit criteria remain the same.

J

Packaging

Product markings per ASME BPE 2009 DT-14.1

- Dixon Sanitary
- Job number
- 316L
- Dixon Sanitary part number
- Heat number(s)
- Surface finish code
- ASME BPE

Per the specification, the size of the fitting may limit the space available for markings. When that occurs, the markings starting at the bottom of the list are not applied. The Dixon Sanitary part number will describe the part configuration and size.

MTR certifications are included inside the resealable bag with each fitting. The MTRs are traceable through the Job Number found on each fitting. All fittings are capped to prevent damage and contamination. For easy identifcation each finish will have a different colour cap.

Finish *	Colour Caps
PL/SF1	blue
PM/SF4	white

* Refer to page 411 for finish standards.

Dixon Sanitary High Purity

BioPharm Fittings

316L Stainless Steel Material Test Report

Job Number AA729

Part Number	Description	Size	Surface finish
T2S88-150PL	Automatic Weld 88° Elbow per Table DT-4.1.1-1	1½"	SF1 (20Ra)

Chemical analysis (%) per ASME BPE 2012 Table MM-2.1 and Section MM-5.1.1

Item	Heat number	C	Mn	P	S	Si	Cr	Ni	Mo	
					0.005		16.00	10.00	2.00	min.
		0.030	2.00	0.045	0.017	1.00	18.00	15.00	3.00	max.
1	96GK43	0.017	1.56	0.028	0.011	0.33	16.80	10.05	2.02	

Mechanical Test Results

Item	Yield Strength (0.2%), MPa	Tensile Strength, MPa	Elongation, %	Hardness, HRB	Specification
	170 minimum	485 minimum	35 minimum	90 maximum	
1	327	634	47.0	82	ASTM A269-10

Product of Thailand

We certify that the above is a true copy of the test results issued by the material supplier. This MTR conforms to EN10204-3.1. All fittings supplied by Dixon Sanitary conform to the requirements of the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

Bruce Anderson
Technical Director

Dixon Sanitary
N25 W23040 Paul Rd.
Pewaukee, WI 53072
USA
800-789-1718
dixonvalve.com

DIXON
The Right Connection®

BPE - Pharmaceutical Grade Tubing

Size (inch)	Wall Thickness (mm)	Length (mm)	PL Finish - SF1 [1]		PM Finish - SF4 [2]	
			Part No.	Price $	Part No.	Price $
½	1.65	6096	A270-050PL	398.98	A270-050PM	580.64
¾	1.65	6096	A270-075PL	527.19	A270-075PM	1068.61
1	1.65	6096	A270-100PL	489.05	A270-100PM	878.97
1½	1.65	6096	A270-150PL	715.03	A270-150PM	1313.35
2	1.65	6096	A270-200PL	964.07	A270-200PM	1848.40
2½	1.65	6096	A270-250PL	1166.24	A270-250PM	2137.30
3	1.65	6096	A270-300PL	1406.24	A270-300PM	2576.16
4	2.11	6096	A270-400PL	1884.55	A270-400PM	3453.95

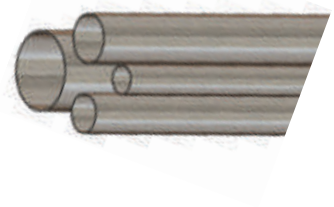
Price Group: DS

AV17

[1] SF1 - 316L ASTM A270-S2 ASME BPE welded tube
ID = 0.5µm R_a mechanical polish OD = 0.8µm R_a mechanical polish

[2] SF4 - 316L ASTM A270-S2 ASME BPE welded tube
ID = 0.25µm R_a electropolish OD = 0.8µm R_a mechanical polish

Note - only sold in lengths. Non returnable.



Operating Pressures - 316 Stainless Steel Tube

Tube OD Size (inch)	Tube OD Size (inch)	Pressure (PSI) bar/kPA		
		Working	Yield	Burst
½	.065	3250	6500	19500
¾	.065	2167	4330	13000
1	.065	2280	3300	9100
1½	.065	1520	2200	6100
2	.065	1140	1600	4600
2½	.065	910	1300	3600
3	.065	760	1100	3000
4	.083	730	1000	2900
6	.109	635	900	2540

The pressures shown in the table above are valid using Barlow's Formula and the following properties:
- material: 316L stainless steel
- yield strength (PSI): 25,000 bar/kPA
- tensile strength (PSI): 70,000 bar/kPA

Working Pressure = ¼ of Burst Pressure, these valid from -20°F to 100°F.

All MTR's will be supplied by tubing manufacturer.

Fire Equipment Index

Hydrant Assemblies - 415-427
NSW - 415-417
VIC / TAS - 418-419
WA - 420-421
QLD - 422-423
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Boosters & Accessories - 427
Hydrant Risers - 428
Cabinets - 429, 432-433
Hydrant & Stand Pipe Assemblies - 434
Landing Valves - 430-431
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British Instantaneous Adaptors - 438-439
QRT Fittings - 439
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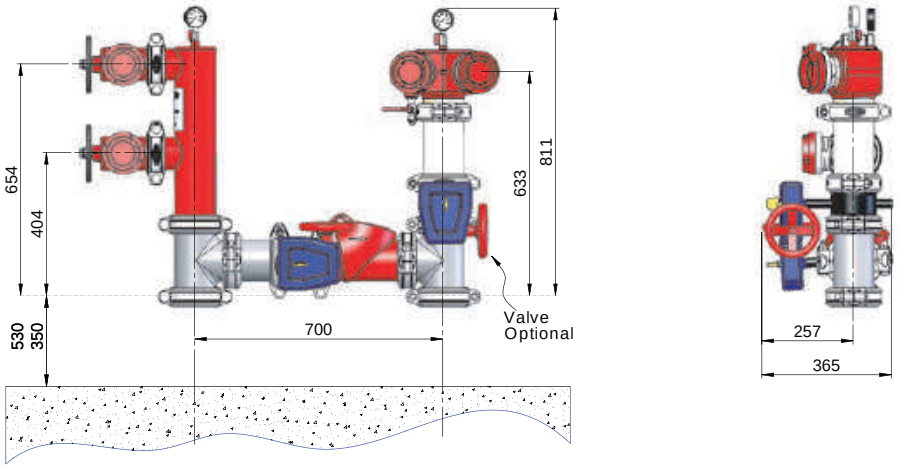
Storage - 445
Accessories - 445
Fire Signs - 446

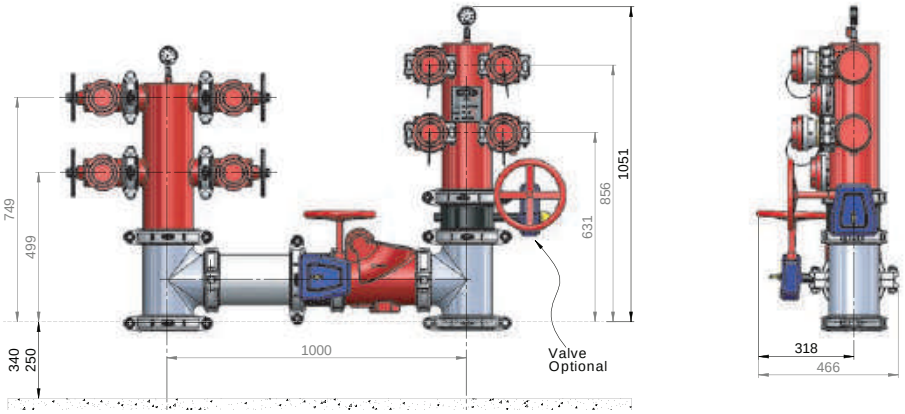


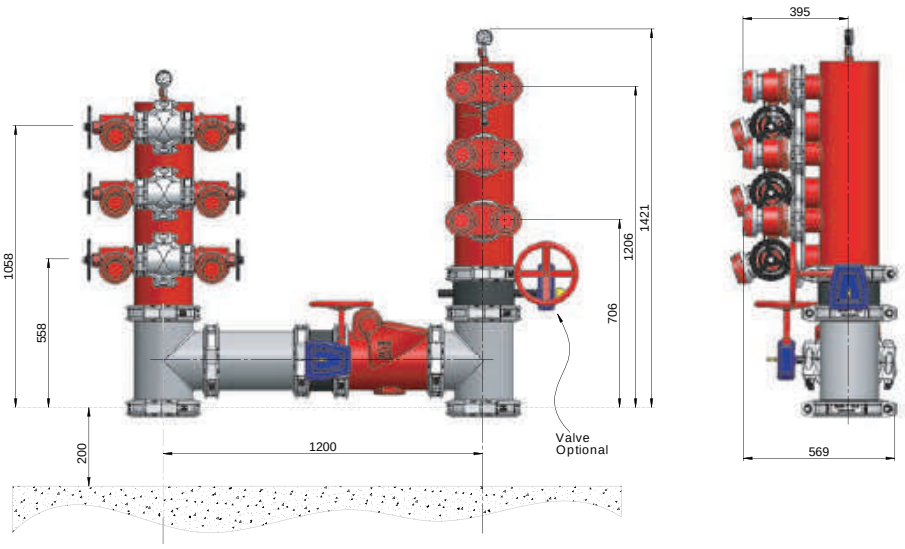
NSW Combined Suction/Booster

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.



All Suction & Landing valves come fitted with Aluminium Forged alloy DIN Storz couplings as standard.





Part No.	Size NB	Description	Price $
FFS-100MMCSB-S	100	2 Point Suction / Booster Assembly	4448.97
FFS-150MMCSB-S	150	4 Point Suction / Booster Assembly	9980.35
FFS-200MMCSB-S	200	6 Point Suction / Booster Assembly	11758.21

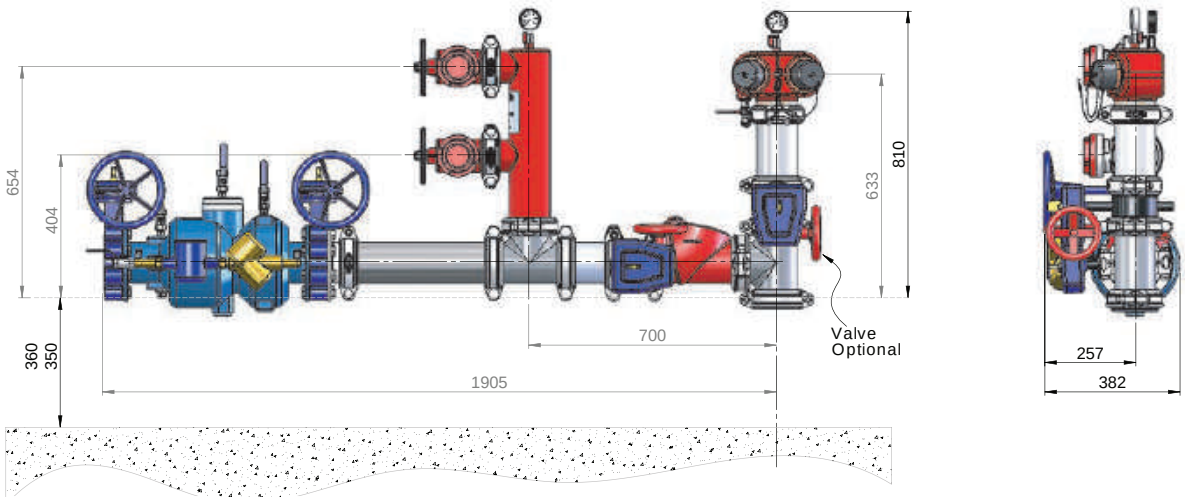
Note: Dimensions are based on using Short Series Fittings

Price Group: FE

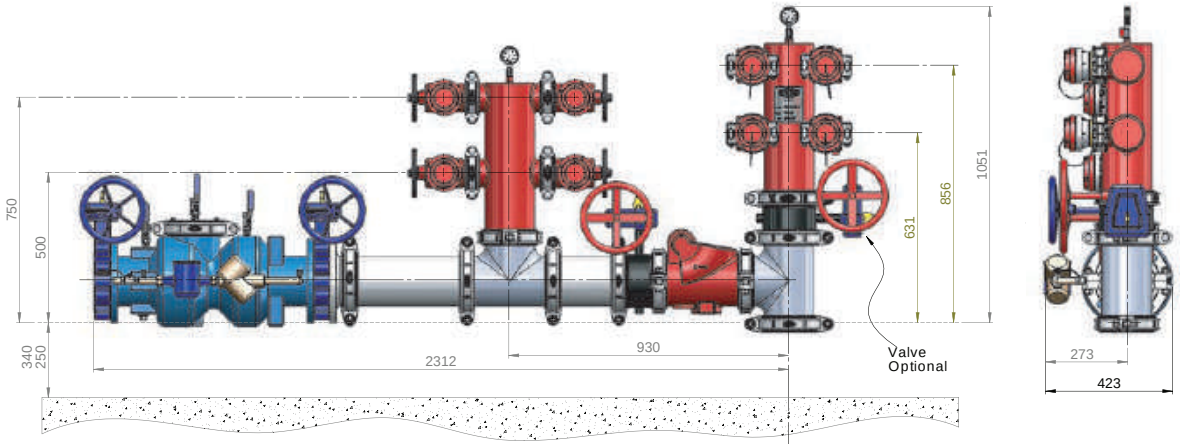
FP02

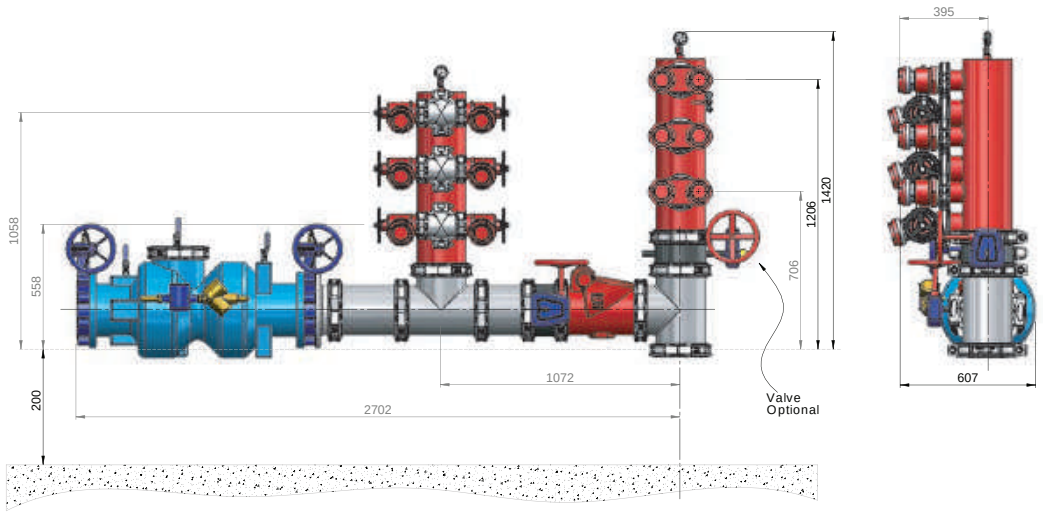
NSW Combined Suction/Booster c/w DDCV Backflow Prevention

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.



All Suction & Landing valves come fitted with Aluminium Forged alloy DIN Storz couplings as standard.





Part No.	Size NB	Description	Price $
FFS-100MMBFP-S	100	2 Point Suction / Booster Assembly	7613.83
FFS-150MMBFP-S	150	4 Point Suction / Booster Assembly	21438.57
FFS-200MMBFP-S	200	6 Point Suction / Booster Assembly	22960.87

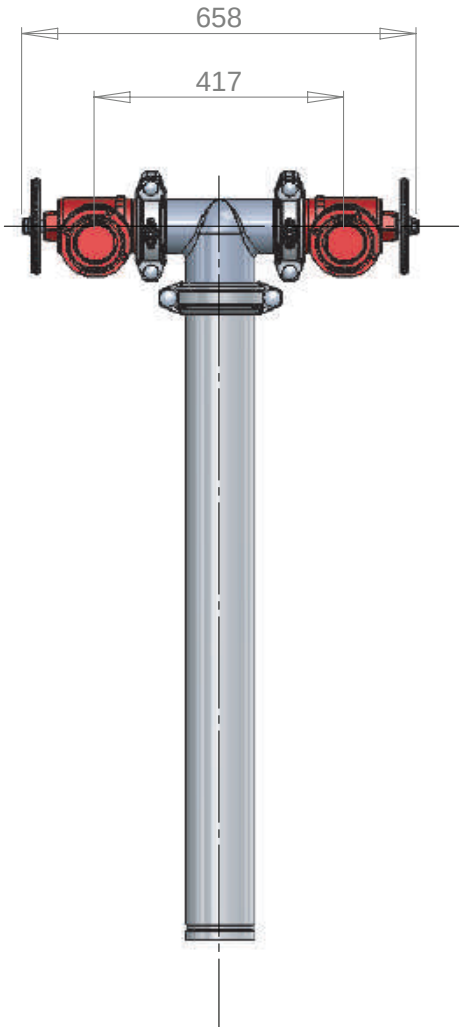
Note: Inlet connections and supports are not supplied as standard. Outlet adaptor supplied on request refer to page 462.
Dimensions based on using Short Series Fittings.

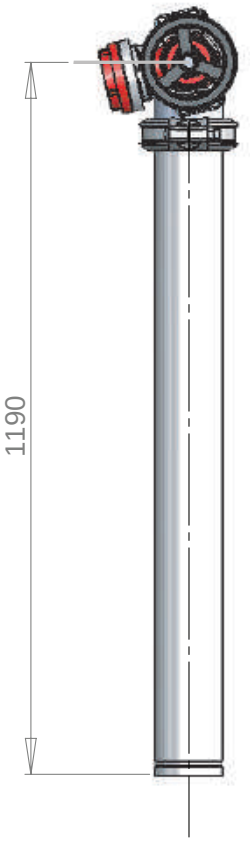
Price Group: FE

FP02

Note: Backflow protected Suction Booster Kits come as standard with Watermarked Gear Operated butterfly valves either side of Backflow valve.

NSW Twin Hydrant Riser





K

Part No.	Description	Price $
FKG-HR-114-88-S	100NB Galv Hydrant Riser Kit	1092.31

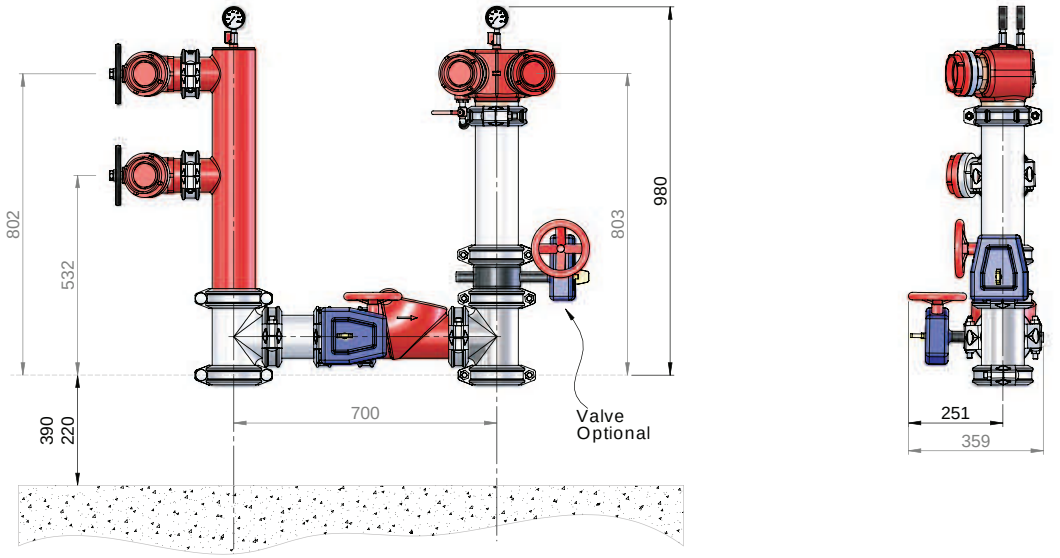
Note: Supplied as roll groove end connection.
Roll groove to flange adaptor available, refer to page 462.
Storz couplings & caps refer pages 436 and 437.

Price Group: FE

FP02

VIC/TAS Combined Suction/Booster

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.

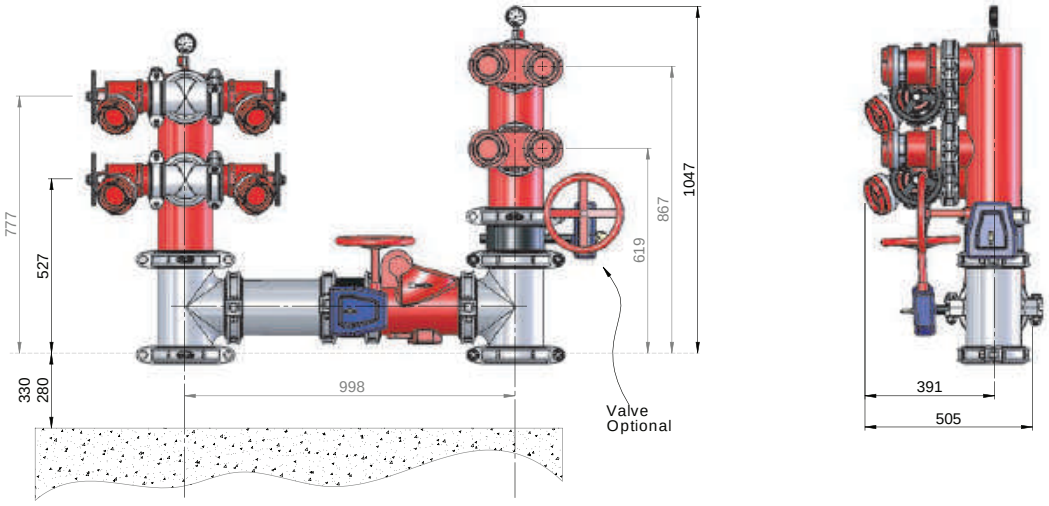


100NB Assembly			
Part No.	**Configuration**	**Water Authority**	**Price $**
FFS-HP100CFA	CFA suction booster VIC	N/A	4729.36
FFS-HP100MFB	Storz suction booster VIC	N/A	5478.85
FFS-HP100CFASE	CFA suction booster VIC SE Water & City West	South East Water	8479.54
FFS-HP100MFBSE	Storz suction booster VIC SE Water & City West	South East Water	7815.59
FFS-HP100CFAYV	CFA suction booster VIC Yarra Valley	Yarra Valley Water	8524.91
FFS-HP100MFBYV	Storz suction booster VIC Yarra Valley	Yarra Valley Water	9040.12

Note: Dimensions based on using Short Series Fittings

Price Group: FE

K



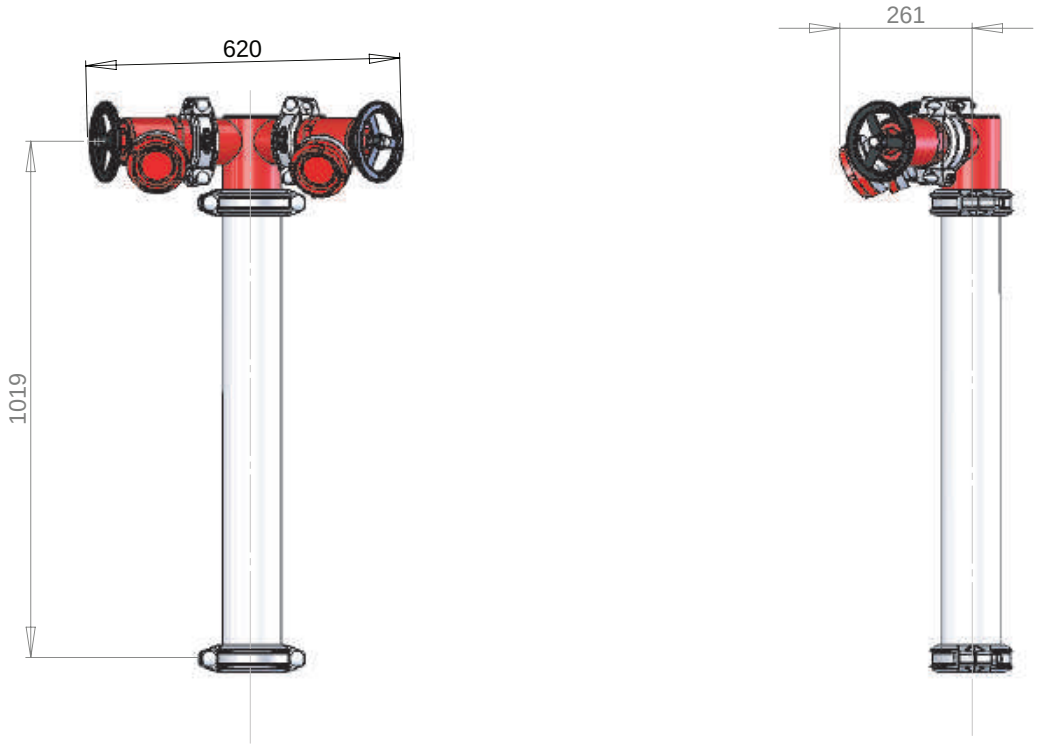
150NB Assembly			
Part No.	**Configuration**	**Water Authority**	**Price $**
FFS-HP150CFA	CFA suction booster VIC	N/A	7827.53
FFS-HP150MFB	Storz suction booster VIC	N/A	8519.11
FFS-HP150CFASE	CFA suction booster VIC SE Water & City West	South East Water	12713.03
FFS-HP150MFBSE	Storz suction booster VIC SE Water & City West	South East Water	12893.08
FFS-HP150CFAYV	CFA suction booster VIC Yarra Valley	Yarra Valley Water	12717.81
FFS-HP150MFBYV	Storz suction booster VIC Yarra Valley	Yarra Valley Water	13002.84

Note: Dimensions based on using Short Series Fittings

Price Group: FE

FP02

VIC/TAS Twin Hydrant Riser



100mm Twin Hydrant Riser c/w Adaptor		
Part No.	**Configuration**	**Price $**
FKG-HR-114-CFA-A	Twin riser CFA c/w braise ring or flange adaptor	1538.07
FKG-HR-114-STO-A	Twin riser Storz c/w braise ring or flange adaptor	1376.39

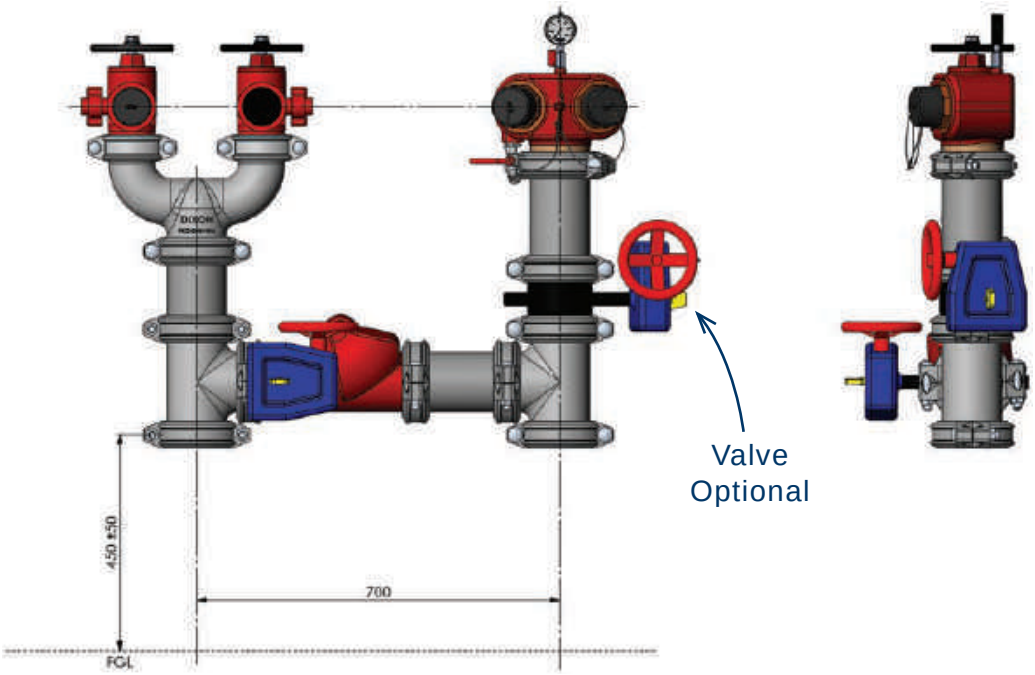
Price Group: FE

FP07

K

WA Combined Suction/Booster

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.

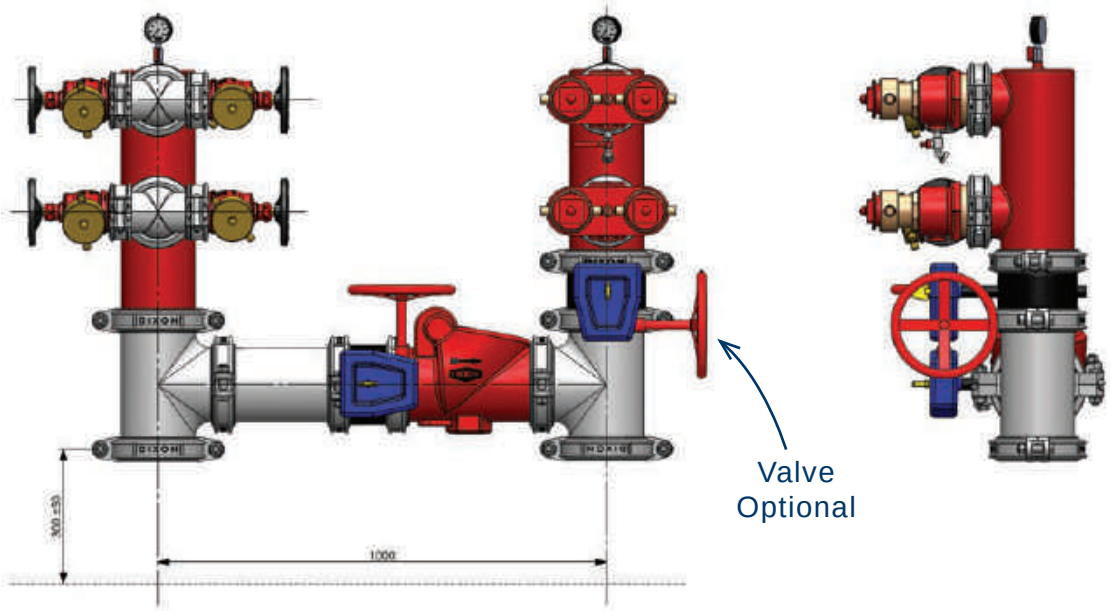


100NB Assembly	
Part No.	**Price $**
FFS-100MMCSB	5348.91

Note: Not assembled
Dimensions based on using Short Series Fittings

Price Group: FE

FP02



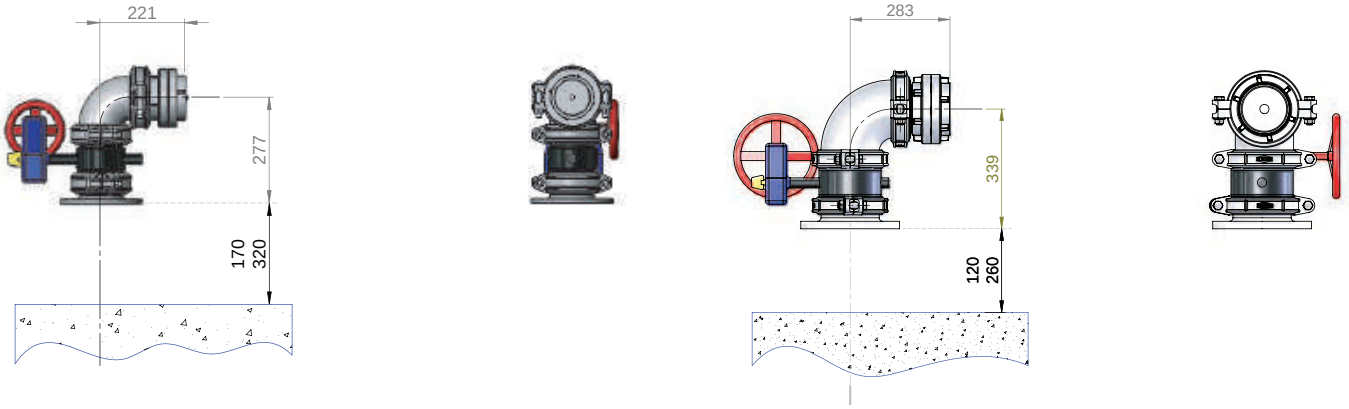
150NB & 200NB Assembly		
Part No.	**Size NB**	**Price $**
FFS-150CSB-BIC	150	12030.04
FFS-200CSB-BIC	200	15695.11

Note: Not assembled
Dimensions based on using Short Series Fittings
Dimensions are to suit the 150NB assembly.
Please contact your Dixon™ representative for the 200NB dimensions
200, 250 and 300mm suction/booster units also available - price on application Supplied in compliance with AS2419.1

Price Group: FE

FP02

WA 125MM Storz Suction Connection



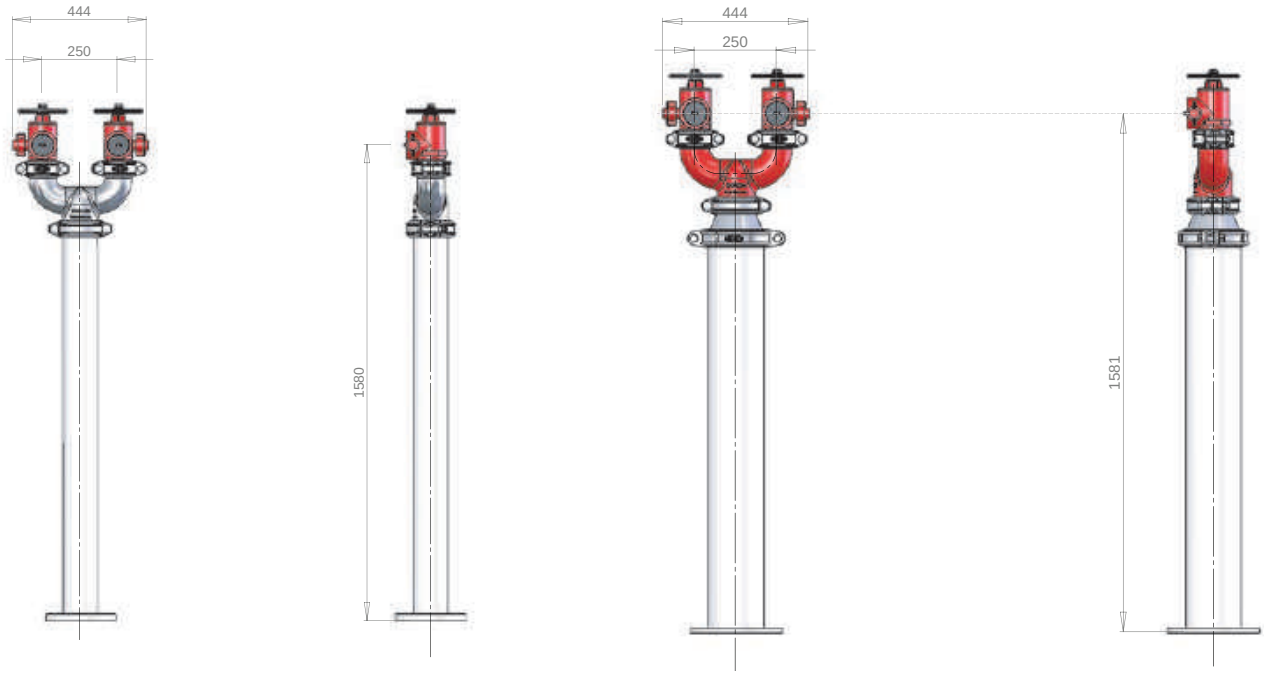
100NB & 150NB Assembly		
Part No.	**Description**	**Price $**
FFS-100MM-ST	100NB x 125mm Storz	2246.62
FFS-150MM-ST	150NB x 125mm Storz	2588.21

Note: Not assembled

Price Group: FE

FP02

WA Twin Hydrant Riser



100NB & 150NB Assembly		
Part No.	**Description**	**Price $**
FKG-HR-114-88KIT	100NB Galv. Hydrant Riser Kit	1628.44
FKG-HR-165-88KIT	150NB Galv. Hydrant Riser Kit	2816.27

Note: Not assembled

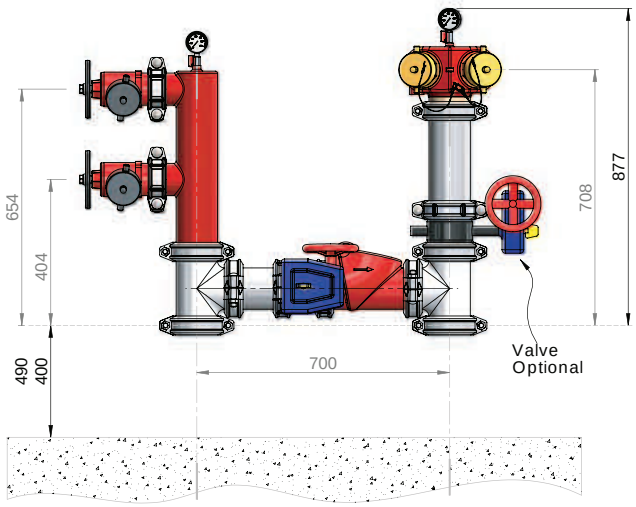
Price Group: FE

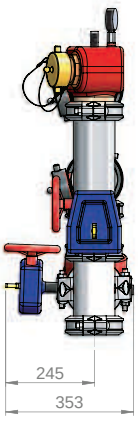
FG01

K

QLD Combined Suction/Booster

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.



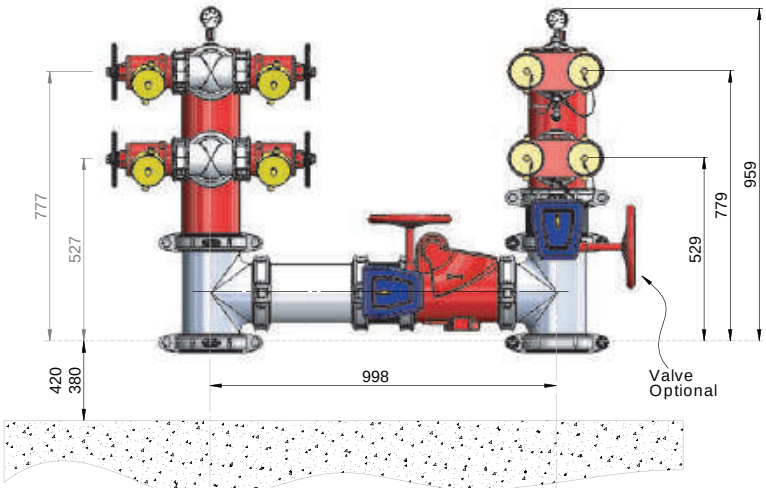


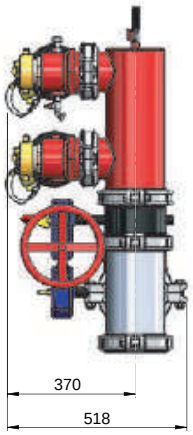
100NB Assembly	
Part No.	**Price $**
FFS-QHB100-XIV	4588.65

Note: Not assembled
Dimensions based on using Short Series Fittings

Price Group: FE
FP02

K





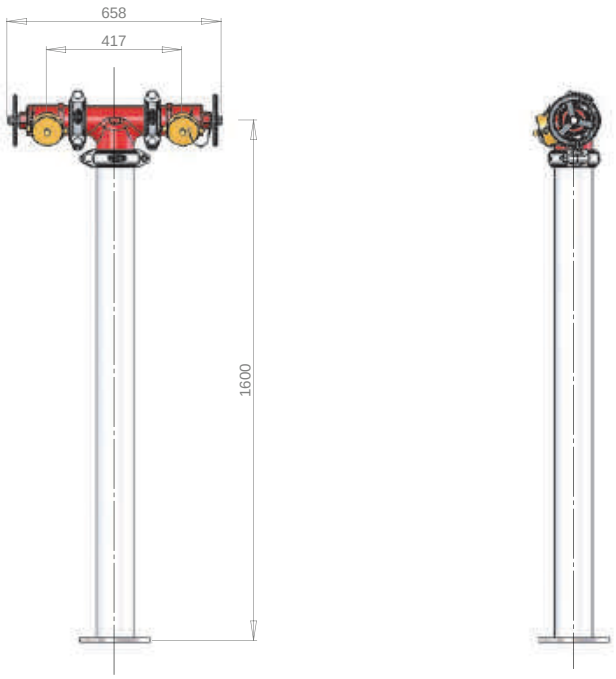
150NB Assembly	
Part No.	**Price $**
FFS-QHB150-XIV	7376.80

Note: Not assembled

Price Group: FE
FP02

Dimensions based on using Short Series Fittings.
200, 250 and 300mm suction/booster units also available - price on application. Supplied in compliance with AS2419.1

QLD Twin Hydrant Riser

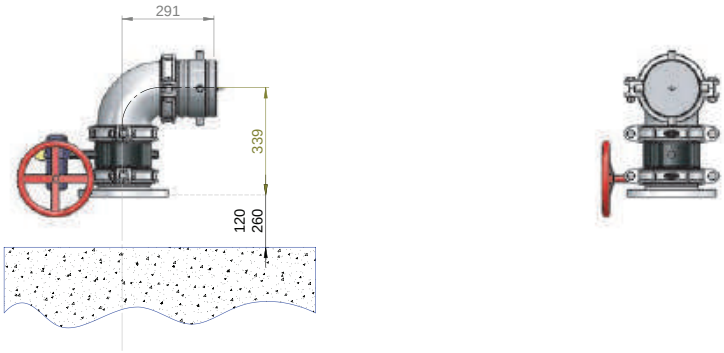


Part No.	Description	Price $
FKG-HRK-1625PC	100NB Powder Coated Hydrant Riser Kit	1148.45

Price Group: FE

FP07

QLD Tank Suction Point



Part No.	Description	Price $
FFS-QTSP-125COV	150NB QLD Tank Suction Point Kit	3215.51

Price Group: FE

FP07

QLD Roll Groove Tank Suction Adapter

Part No.	Description	Price $
FFS-125COVX150RG	125mm 3TPI Female Thread x 150NB RG	2196.11

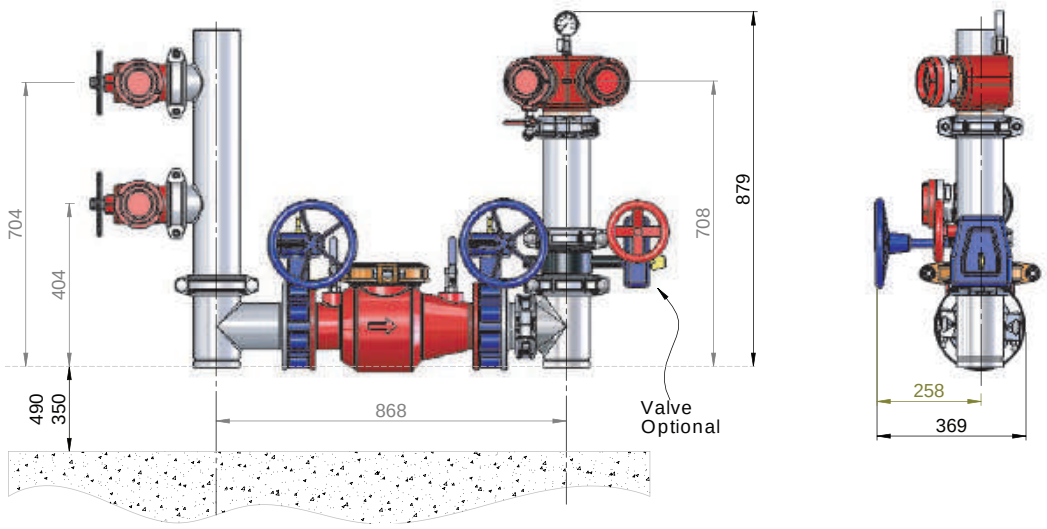
Price Group: FE

FP07



SA Combined Suction/Booster

Hydrant Boosters are designed in accordance with the requirements of AS2419.1-2005.

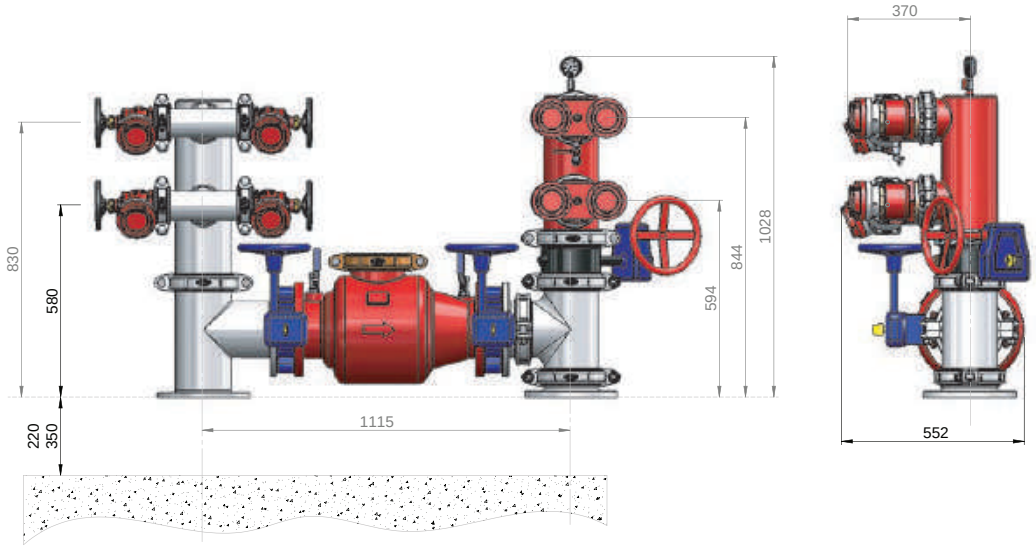


100NB Assembly	
Part No.	**Price $**
FFS-100MMCSB-A	4505.44

Note: Supplied unassembled
Dimensions based on using Short Series Fittings

Price Group: FE
FP02

K

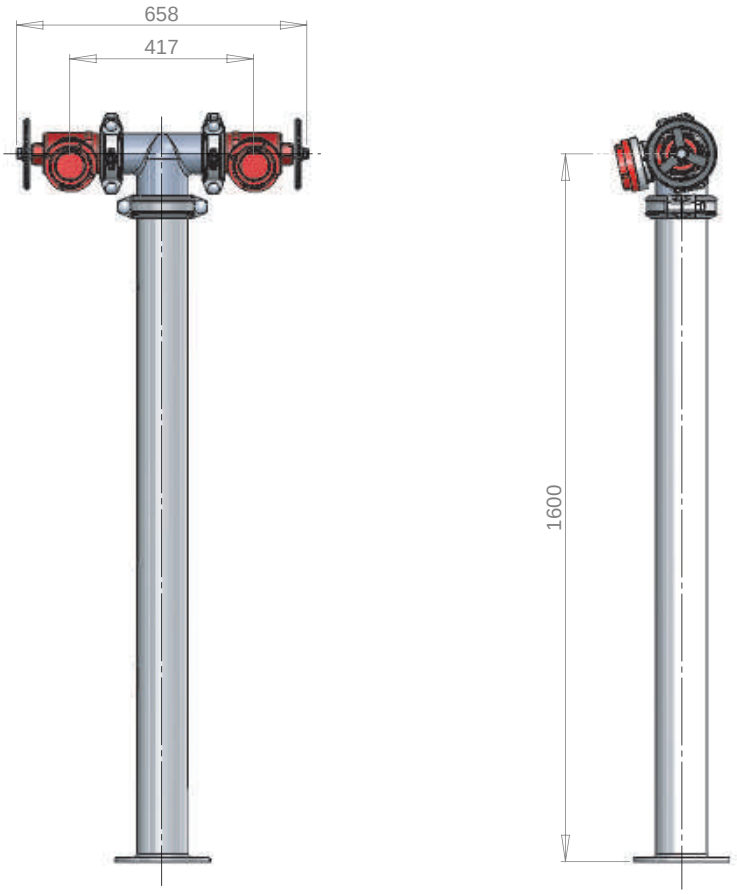


150NB Assembly	
Part No.	**Price $**
FFS-150MMCSB-A	8328.15

Note: Supplied unassembled
Dimensions based on using Short Series Fittings
200, 250 and 300mm suction/booster units also available - price on application. Supplied in compliance with AS2419.1

Price Group: FE
FP02

SA Twin Hydrant Riser

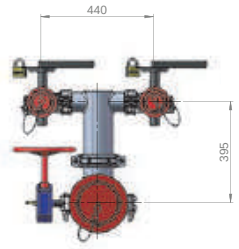


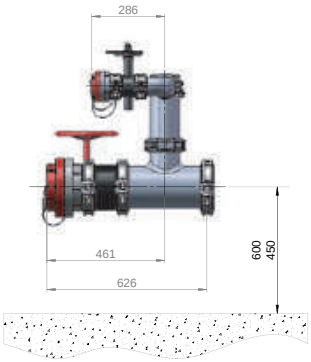
Part No.	Description	Price $
FKG-HR-114-88-A	100NB Hydrant Riser Kit	1376.39

Note: Available with tamper proof hydrant valves on request
Note: Welded flange Table E to meet AS2419.1 and OTR specification

Price Group: FE
FP02

SA Tank Suction Assembly (SAMFS REGIONS)

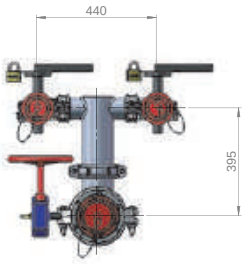


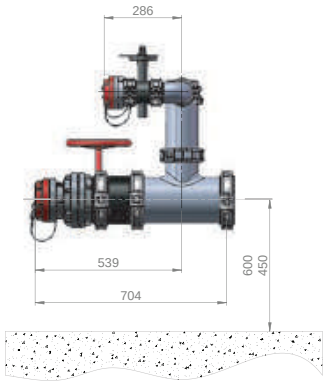


Part No.	Description	Price $
FFS-TSA-SA-1	150nb and dual 65 Storz connections	2418.00

Price Group: FE
FP02

SA Tank Suction Assembly (CFS ONLY REGIONS)

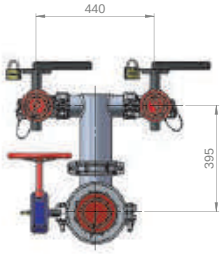


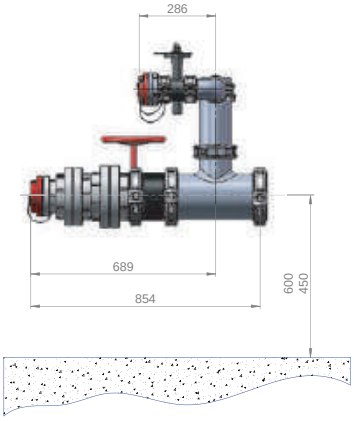


Part No.	Description	Price $
FFS-TSA-SA-2	125/100nb and dual 65 storz connections	3224.00

Price Group: FE
FP02

SA Tank Suction Assembly (DUAL RESPONSE REGIONS)





Part No.	Description	Price $
FFS-TSA-SA-3	150/125/100nb and dual 65 storz connections	4332.25

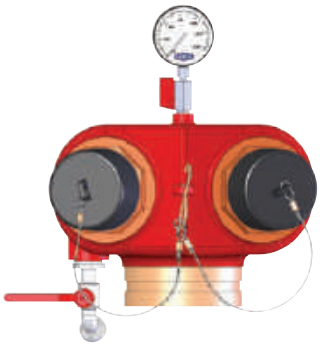
Price Group: FE
FP02

Boosters & Accessories

Tank Model Booster Points				
Size (mm)	**Part No.**	**Description**	**Outlet Connection**	**Price $**
Queensland				
100	FFS-100TB-Q/RG	RG x 2 Point Booster R/E	QRT	1327.15
100	FFS-100TB-Q/RGBE	RG x 2 Point Booster B/E	QRT	1327.15
New South Wales/Tasmania				
100	FFS-100MMTMB-BE	RG x 2 Point Booster B/E	FBT	1898.68
100	FFS-100MMTMB-RES	RG x 2 Point Booster R/E	Storz	1356.64
100	FFS-100MMTMB-BES	RG x 2 Point Booster B/E	Storz	1356.64
Victoria				
100	FFS-100MMTMB-V	RG x 2 Point Booster B/E	Storz	1288.49
100	FFS-100MMCFA-V	RG x 2 Point Booster B/E	CFA	1352.92
100	FFS-100MMRETMB-V	RG x 2 Point Booster R/E	MFB	1803.75
100	FFS-100MMCFAB-V	RG x 2 Point Booster R/E	CFA	1716.36
80	FFS-CFASPBA	RG x 1 Point Booster R/E	CFA	678.25
South Australia				
100	FFS-100MMTMB-RES	RG x 2 Point Booster R/E	Storz	1356.64
100	FFS-100MMTMB-BES	RG x 2 Point Booster B/E	Storz	1356.64
Western Australia				
100	FFS-100MMTMB	RG x 2 Point Booster R/E	BIC	1327.15
100	FFS-100MMTMB-BOT	RG x 2 Point Booster B/E	BIC	1327.15
Caps & Plugs to suit				
-	FFS-STCAP-P	Storz Cap plastic	Storz	18.21
-	FFS-SART-PLUG	Plastic plug	SART	33.80
-	FFS-CFAPP	Plastic plug	CFA	22.62
-	FFS-PLUG-QRT	Plastic plug	QRT	23.07







Price Group: FE

FP02

Booster Assemblies available in all State Threads : NSW-FBT, QLD-QRT, SA-SART, VIC-MFB & CFA, WA-BI and Storz connections. Please nominate your preferred connection. Other sizes available on request.
Note: Description R/E = Rear entry, B/E = Bottom entry

K

Plumbers Hemp, Soap & Accessories

Dixon™'s range of plumbing accessories includes pressure gauges, hydrant covers, 003 Fire Brigade padlock, Minsup™ gasket lube, lockable ball valves, fire signs, plumbers hemp and leather strap. Contact your local Dixon™ branch for further information.

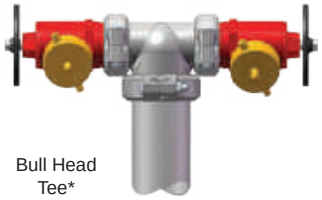
Part No.	Description	Price $
FFS-HEMLAR	Plumbers Hemp Bale 16mm x 44mtr	322.54
FFS-HEMSM	Hemp - Small Ball	36.87
FFS-BSOAP	Plumbers Soap Bar	5.03
FFS-003	003 Fire Brigade Padlock	10.01
FFS-RGLUBE	Minsup gasket lube	21.09



Price Group: SD

HP02
FP09

Hydrant Risers



Bull Head Tee*

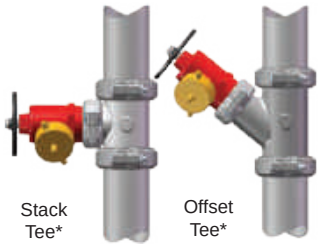


Hydrant End of Run Tee*

Size (inch)	Part No.	Description	Price $
4 x 3	FWG-BHT8888114	Bull Head Tee	81.40
4 x 3	FWG-HERT-114-88	RG End of Run Tee	78.60

* Tee only

Price Group: FE
CG05



Stack Tee*

Offset Tee*

Size (inch)	Part No.	Description	Price $
4 x 3	FWG-OST-114-88	Offset Tee	241.84
4 x 3	FWG-HST-114-88	Stack Tee	66.72

* Tee only

Price Group: FE
CG01
CG05

Cabinets to Suit Hydrant Boosters



Part No.	States	Price $
FFS-CSBC150-WA	WA	2117.31
FFS-CSBC150	SA, VIC, QLD	4836.06

Contact your nearest Dixon™ branch for cabinet dimensions and special requirements.

Price Group: FE
FP02

K

Fire Fighting Hydrant & Stand Pipe Assemblies



Fire Hydrant Galvanised Stand Pipe			
Thread Type	**Part No.**	**Description**	**Price $**
BSP	F25SP	Gal Stand Pipe c/w 25mm	1432.22

Hose Bib Cock

Price Group: FE
AB03

Available in all Fire Brigade thread forms ie NSWFB, MFB, CFA, QRT, SAFB and BSP. Nominate thread type when ordering.



Single Headed Stand Pipe in Alloy			
Thread Type	**Part No.**	**Description**	**Price $**
BSP	LWGBASP	65mm BSP single stand pipe	1424.78
MFB	LWGMASP	MFB single stand pipe	1466.23
CFA	LWGCASP	CFA single stand pipe	1466.23

Price Group: FE
AB03

Residential Sprinkler Control Cabinet 50MM

Components	
Main Stop Valve:	Bronze Monitored DN50 (Fivalco UL-FM approved)
Check Valve:	DN50 Soft Seat check valve - epoxy coated ductile iron
Test and Drain Valve:	Lockable - complete with 003 padlock
Flow Switch:	Potter Model UL FM approved
Pipe Work:	Galvanised roll grooved pipe to AS4118 2.1
Testing:	Pressure tested to 2100 kPa



Part No.	Price $
FFS-RSCC	3691.53

Price Group: SD
FP03

Cabinet: Security Lockable cabinet door is fitted with a 003 Fire Industry common key and break glass key holder. Service book holder incorporated in door.
Provision for six spare sprinkler heads with cabinet.

Installation Instructions:

- The incoming and outgoing pipe connections are DN50 (60.3mm OD) roll grooved mechanical couplings. Various adaptors are available to connect to different pipe sizes and pipe types.
- The cabinet can be fitted between the wall studs or surface mounted.
- The authority having jurisdiction may require the cabinet to be located in a highly visible position.
- Water pressure and flow rates should be confirmed as adequate.
- The test and drain line must be piped to waste. Electrical connections to be installed and tested by authorised personnel.

Dismantling and Servicing Instructions: Each section can be dismantled by authorised service personnel should any servicing be required.

Components requiring service can be removed and replaced or serviced on site.

- Advise the local authority that the system is being shut down for servicing .
- Dismantling of electrical connections should be performed by qualified personnel.
- Shut down water supply from main supply.
- Shut down monitored valve from cabinet. Dismantle the roll groove coupling or the mechanical tee to test and drain. The couplings can be re-used take care when removing.
- Drain down water from system at test and drain valve.

Alternative: Complete cabinet can be removed.

All components are available and can be supplied ex-stock.

Fire Hydrant Landing Valves



NSW				
Size (inch)	**Part No.**	**Type**	**Material**	**Price $**
Hydrant Landing Valves				
2½ FBT x 2½ BSP	FFS-LVNSW-65B	NSW - FBT	DR Brass	270.58
2½ FBT x 3 RG	FFS-LVNSW-RGB	NSW - FBT	DR Brass	278.52
2½ STORZ x 3 RG or 2½ BSP	FFS-LV-STORZ90	Storz 90° outlet	DR Brass	336.85
Hydrant Landing Valve Caps & Chains				
-	FFS-LVCP	NSW - FBT	Plastic	25.89
-	FFS-LVCB	NSW - FBT	Brass	65.96
-	FFS-STCAP-P	Storz	Plastic	18.21

Note: Storz valves come complete with Red plastic cap as standard

Price Group: FE
AB03



QLD				
Size (inch)	**Part No.**	**Type**	**Material**	**Price $**
Hydrant Landing Valves				
2½ QRT x 2½ BSP	FFS-LVQRT-65B	QLD - QRT	DR Brass	297.45
2½QRT x 3 RG	FFS-LVQRT-RGB	QLD - QRT	DR Brass	289.03
Hydrant Landing Valve Caps & Chains				
-	FFS-LVCP-Q	QLD - QRT	Plastic	15.36
-	FFS-LVCB-QRT	QLD - QRT	Brass	74.03

Note: QRTx RG valves come complete with Red plastic cap as standard

Price Group: FE
AB03

K



VIC				
Size (inch)	**Part No.**	**Type**	**Material**	**Price $**
Hydrant Landing Valves				
2½ MFB x 3 RG	FFS-LVMFB-65B	Melb - MFB	DR Brass	257.70
2½ CFA x 3 RG	FFS-LVCFA-65B	VIC - CFA	DR Brass	346.46
2½ MFB x 2½ BSP	FFS-LVMFB-65M	Melb - MFB	DR Brass	270.58
2½ STORZ x 3 RG or 2½ BSP	FFS-LV-STORZ	Storz Oblique outlet	DR Brass	336.85
Hydrant Landing Valve Caps & Chains				
-	FFS-STCAP-P	Storz	Plastic	18.21
-	FFS-CFACP	VIC - CFA	Plastic	23.31

Note: Storz valves come complete with Red plastic cap as standard.

Price Group: FE
AB03

Fire Hydrant Landing Valves

SA				
Size (inch)	**Part No.**	**Type**	**Material**	**Price $**
Hydrant Landing Valves				
2½ SART x 3 RG	FFS-LVSART-80RG	SA - SART	DR Brass	304.62
2½ STORZ x 3 RG or 2½ BSP	FFS-LV-STORZ90	STORZ	DR Brass	336.85
Hydrant Landing Valve Caps & Chains				
-	FFS-LVCP-SART	SA - SART	Plastic	17.00



Price Group: FE

Note: Anti-tamper valves are available on request.
Note: Storz valves come complete with Red plastic cap as standard

WA				
Size (inch)	**Part No.**	**Type**	**Material**	**Price $**
Hydrant Landing Valves				
BI WA x 3 RG	FFS-LVBI-RG	WA - BI	DR Brass	378.95
BI WA x 65 BSP	FFS-LVBI-BSP	WA - BI	DR Brass	378.95
Hydrant Landing Valve Caps & Chains				
-	FFS-MIS001P	WA - BI (plug)	Poly	17.00



Price Group: FE

AB03



Refer to page 445 for Maintenance Record Tag

Australian Standard Hose Reels

Technical Specifications	
Specifications:	• Test Pressure 2,000kPa • Working Pressure 1,500kPa • Nominal hose diameter 19mm • Minimum discharge rate of 0.45 l/s at 220kPa

Fixed Type			
Part No.	**Description**	**Approved**	**Price $**
FFS-HR-36B	19mm x 36m Standard Fixed	✓	430.75
HRS036A-SS	19mm x 36m Stainless Steel Fixed	×	1450.31
FFS-HRS036A	25mm x 30m Fixed	×	855.03
HRS035A-50	19mm x 50m Fixed	×	943.16
FFS-HR-40	19mm x 40m	×	738.72



Price Group: FE

FP06

Swing Type			
Part No.	**Description**	**Approved**	**Price $**
HRS037A	19mm x 36m Standard Swing	✓	769.70
HRS037A-SS	19mm x 36m Stainless Steel Swing	×	2534.82



Refer to page 46 for replacement 36m PVC fire hose.

Price Group: FE

FP06

Cabinet / Door Mounted Swing Hose Reel



These hose reel cabinet assemblies are designed to satisfy architects and building contractors requirements for good presentation, space saving and functional design. The hose reel and cabinet is easily installed and connections to hose reel inlet couplings is accessible from the bottom of the cabinet.

Dimensions: (H) 870 x (W) 770 x (D) 360mm

Part No.	Description	Price $
HRS072P	19mm x 36m Door Mounted pushlock R/H	2003.86
FFS-HRS072K	19mm x 36m Door Mounted keylock R/H	1932.62
HRS072P-LH	19mm x 36m Door Mounted pushlock L/H	2005.55
HRS072P-S	Stand to suit above cabinets	789.22
HRS072S	Surround to suit above cabinets	324.81

Price Group: FE

FP06

Continuous 'A' Frame Hose Reel



The continuous flow hose reel can be operated by one person, which allows immediate and continuous flow of water at all times during deployment of hose. The unit comes complete with heavy duty hose, quick opening ball valve, rewinding handle and nozzle.

Part No.	Hose Size	Price $
HRS059-19	¾" x 30m	3508.56
HRS059	1" x 30m	3459.80
HRS015	1½" x 30m	3691.53

Available in ¾", 1" and 1½" hose size

Price Group: FE

FP06

CKD Fixed Hose Reel Cabinets



These cabinets are pre-drilled and factory packed including instructions and hardware. Assemble on site in minutes.

Technical Specifications	
Overall Dimension:	740 x 1040 x 350mm
Material:	Mild Steel
Thickness:	1.5mm
Installation:	Wall mounted
Weight:	60kg (with hose reel), 37kg (without hose reel)
Finish:	Epoxy Powder Red

Part No.	Description	Price $
HRSCKDK	Hose reel cabinet, key lock, break glass, no back plate	626.54
HRSCKDP	Hose reel cabinet, pushlock, flush mount, no back plate	615.41
HRSCKDB	Back plate assembly only	185.94
HRSCKDS	Stand Assembly	333.45

Hose reel not included

Price Group: FE

FP03

Model C Hose Reel Cabinet

Technical Specifications	
Dimension:	560.mm x 1163mm x 300mm (WxHxD)
Material:	Mild Steel
Thickness:	0.9mm
Installation:	Floor mounted
Capacity:	2 x Diffuser Nozzle, 2 lengths of Hose 2½" x 30m
Finish:	Epoxy Powder Red



Part No.	Price $
HYD071-MS-MC-RD *	586.78

* Cabinet only, contact Dixon™ for Accessories.

Price Group: SD

FP06

Model D Hose Reel Cabinet

Technical Specifications	
Dimension:	590.mm x 610mm x 340mm (WxHxD)
Material:	Mild Steel
Thickness:	0.9mm
Installation:	Wall mounted
Capacity:	2 x Diffuser Nozzle, 2 lengths of Hose 2½" x 30m
Finish:	Epoxy Powder Red



Part No.	Price $
HYD071-MS-MD-RD *	647.17

* Cabinet only, contact Dixon™ for Accessories.

Price Group: SD

FP06

Model E Hose Reel Cabinet

Technical Specifications	
Dimension:	900.mm x 750mm x 500mm (WxHxD)
Material:	Mild Steel
Thickness:	1.5mm
Installation:	Floor Mounted
Capacity:	2 x Fire Extinguisher 9.0kg, 2 x 2½" x 30m Canvas Hose, 2 x Diffuser Nozzle, 1 x Dividing Breeching
Finish:	Epoxy Powder Red



Part No.	Price $
HYD085-MS-ME-RD *	2011.19

* Cabinet only, contact Dixon™ for Accessories.

Price Group: SD

FP06

K

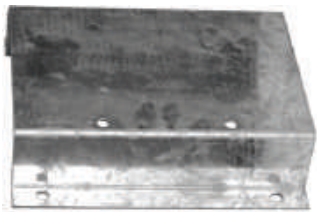
Stands & Mounting Brackets for Hose Reels



Mounting Stand

Mounting Stand & Kit		
Part No.	**Description**	**Price $**
FKG-HRSA	Mounting Stand	231.21
FKG-HRMA	Mounting Kit	40.65

Price Group: FE
FG01



Cavity Bracket		
Part No.	**Description**	**Price $**
HRSBR	Hose Reel Cavity Bracket	239.05

Allows the fixture of a Fire Hose Reel to plaster board.

Price Group: FE
FP11



Mounting Bracket		
Part No.	**Description**	**Price $**
FFS-HRMB	Hose Reel Mounting Bracket	33.55

Price Group: FE
FP06



Direct Mount Hose Reel Stand		
Part No.	**Description**	**Price $**
HRSTAND	Direct Mount H/R Stand	434.98

Price Group: FE
FP11

K

Hose Reel Accessories

Part No.	Thread	Description	Price $
FFS-HRSV	1" BSP	25mm Stop Valve	171.18

Price Group: FE

FP06



Part No.	Description	Price $
FFS-HRNB	19mm Brass Nozzle	86.36

Brass outer, brass working parts, rubber bumper

Price Group: FE

FP08



Part No.	Description	Price $
FFS-HRNPP	19mm Plastic Nozzle	25.71

Price Group: FE

FP08



Part No.	Description	Price $
FFS-HRN-BALL	20mm Brass Nozzle Ball Valve Lever Type	33.48

Price Group: FE

FP08



Part No.	Description	Price $
FFS-HRGA	Guide Arm	29.23

Price Group: FE

FP06



Part No.	Description	Price $
FFS-HRRAK	Remote Guide Arm	179.64

Price Group: FE

FP06



Part No.	Description	Price $
HRC-COVER	Vinyl Hose Reel Cover	273.21

Price Group: SD

FP11



K

Storz Adaptors



Female (Aluminium Alloy)		
Nominal Sizes	**Part No.**	**Price $**
25mm Storz x ¾" BSP	SZF2520AL	54.52
25mm Storz x 1" BSP	SZF2525AL	55.91
40mm Storz x 1½" BSP	SZF4040AL	83.87
38mm Storz x 2" BSP	SZF4050AL	172.41
50mm Storz x 2" BSP	SZF5050AL	97.08
65mm Storz x 2" BSP	SZF6550AL	83.99
65mm Storz x 2½" BSP	SZF6565AL	58.25
80mm Storz x 3" BSP	SZF8080AL	85.74
90mm Storz x 3" BSP	SZF9080AL	551.79
100mm Storz x 4" BSP	SZF100100AL	286.31
125mm Storz x 5" BSP	FFS-STA-125F	425.20
150mm Storz x 6" BSP	SZF150150AL	395.37
65mm Storz CFA	SZF65CFA	103.51
65mm Storz FBT	SZF65FBT	80.67
65mm Storz QRT	SZF65QRT	438.00
65mm Storz SAFB	SZF65SAFB	103.51



Male (Aluminium Alloy)		
Nominal Sizes	**Part No.**	**Price $**
25mm Storz x ¾" BSP	SZM2520AL	57.66
25mm Storz x 1" BSP	SZM2525AL	63.94
40mm Storz x 1½" BSP	SZM4040AL	88.64
50mm Storz x 2" BSP	SZM5050AL	70.13
65mm Storz x 2½" BSP	SZM6565AL	97.81
80mm Storz x 3" BSP	SZM8080AL	83.51
90mm Storz x 3" BSP	SZM9080AL	398.55
100mm Storz x 4" BSP	SZM100100AL	326.18
150mm Storz x 6" BSP	SZM150150AL	1065.33

Price Group: SD

BK01

K

Storz Caps



Blank (Aluminium Alloy)		
Nominal Sizes (mm)	**Part No.**	**Price $**
25	SZBC25AL	47.84
40	SZBC40AL	109.03
50	SZBC50AL	195.07
65	SZBC65AL	90.75
80	SZBC80AL	102.52
90	SZBC90AL	223.66
100	SZBC100AL	178.93
125	FFS-STA-125C	352.57
150	SZBC150AL	428.68

Price Group: SD

BK01

Storz Couplings Suction Type

Grooved (Aluminium Alloy)		
Nominal Sizes	**Part No.**	**Price $**
25mm Storz x 20mm Tail	SZH2520AL	49.27
25mm Storz x 25mm Tail	SZH2525AL	50.32
40mm Storz x 40mm Tail	SZH4040AL	75.48
50mm Storz x 50mm Tail	SZH5050AL	68.13
65mm Storz x 40mm Tail	SZH6540AL	143.56
65mm Storz x 65mm Tail	SZH6565AL	93.20
65mm Storz x 65mm Tail (Brass)	SZH65BR	396.72
80mm Storz x 80mm Tail	SZH8080AL	78.29
100mm Storz x 100mm Tail	SZH100100AL	216.21
150mm Storz x 150mm Tail	SZH150150AL	874.12

All Parts are Aluminium Alloy.



Price Group: SD
BK01

Storz Spanners

(Steel)		
Nominal Sizes	**Part No.**	**Price $**
25mm to 65mm	STBCSPAN	80.06
65mm to 150mm	STABCSPAN	54.75



Price Group: SD
BK01

Storz Reducers

(Aluminium Alloy)		
Nominal Size	**Part No.**	**Price $**
80mm x 65mm	SZA080065	205.02
90mm x 80mm	SZA090080	396.07
100mm x 80mm	SZA100080	394.06
125mm x 80mm	SZA125080	1898.01
125mm x 90mm	SZA125090	1035.38
125mm x 100mm	SZA125100	847.40
150mm x 125mm	SZA150125	1494.81



Price Group: SD
BK01

British Instantaneous Adaptors



BI Female x Female Screwed Thread			
Nominal Sizes	**Material**	**Part No.**	**Price $**
2" BSPT	Aluminium Alloy	HYD068-LA-50BSPT	158.43
2" BSPT	Copper Alloy	HYD068-GM-50BSPT	349.47
2½" BSPT	Aluminium Alloy	HYD068-LA-65BSPT	242.30
2½" BSPT	Copper Alloy	BID250B	168.96

Price Group: SD

BK01



BI Female x Male Screwed Thread			
Nominal Sizes	**Material**	**Part No.**	**Price $**
2" BSPT	Aluminium Alloy	MIS010-LA-50BSPT	145.61
2½" BSPT	Aluminium Alloy	MIS010-LA-65BSPT	172.41
2½" BSPT	Copper Alloy	BIB250B	312.04

Price Group: SD

BK01



BI Male x Female Screwed Thread			
Nominal Sizes	**Material**	**Part No.**	**Price $**
Male BS336 x female 2½" BSPT	Copper Alloy	BIA250B	161.19

Price Group: SD

BK01



BI Male x Male Screwed Thread			
Nominal Sizes	**Material**	**Part No.**	**Price $**
Male BS336 x male 2" BSPT	Aluminium Alloy	MIS116-LA-50BSPT	182.76
Male BS336 x male 2½" BSPT	Aluminium Alloy	MIS116-LA-65BSPT	163.09
Male BS336 x male 2½" BSPT	Copper Alloy	BIF250B	303.13

Price Group: SD

BK01



Double BI Female		
Material	**Part No.**	**Price $**
Aluminium Alloy	HYD083-LA-065-NA	199.48
Copper Alloy	HYD083-GM-065-NA	448.83

Price Group: SD

BK01



Double BI Male		
Material	**Part No.**	**Price $**
Aluminium Alloy	MIS008-LA-065-NA	60.82
Copper Alloy	MIS008-GM-065-NA	187.44

Price Group: SD

BK01

British Instantaneous Adaptors

65mm BI Blank		
Material	**Part No.**	**Price $**
Aluminium Alloy	MIS221-LA-100-NA	135.96
Copper Alloy	BIDP250	178.56

65mm BI Plastic Cap c/w Chain		
Material	**Part No.**	**Price $**
Plastic	MISHYC067-PS-BK	23.35

65mm BI Plastic Plug (poly)		
Type	**Part No.**	**Price $**
WA - BI (plug)	FFS-MIS001P	17.00

Price Group: FE

BK01



BIDP250



MISHYC067-PS-BK



FFS-MIS001P

British Instantaneous Delivery Hose Coupling BI 336

Specifications:	Aluminium alloy: To BS 1490 LM 25 Copper alloy: To BS 1400 LG 2 Finish: Natural Coupling tail: Ribbed

Nominal Sizes	Material	Part No.	Price $
1½" (38mm)	Aluminium Alloy	WRS079-LA-038-NA	163.09
2" (50mm)	Aluminium Alloy	WRS079-LA-050-NA	237.50
2½" (65mm)	Aluminium Alloy	WRS079-LA-065-NA	184.81
1½" (38mm)	Copper Alloy	WRS079-GM-038-NA	308.76
2½" (65mm)	Copper Alloy	WRS079-GM-065-NA	489.27

Price Group: SD

BK01



WRS079-GM-065-NA

Queensland Round Thread Fittings (QRT)

Size (inch)	Description	Part No.	Price $
	Adaptors		
25	63mm QRT x 25mm BSP male brass	QRTM25BM	152.67
40	63mm QRT female x 40mm BSP male brass	QRTF40BM	165.12
50	65mm QRT female x 50mm BSP male adaptor	QRTF50BM	178.57
50	63mm QRT male x 50mm BSP male brass	QRTM50BM	138.20
50	63mm QRT male x 50mm BSP female brass adaptor	QRTM50BF	513.23
50	63mm QRT female x 50mm BSP female brass coupling	QRTF50BF	321.62
65	63mm QRT female x 65mm BSP male adaptor	QRTF65BM	230.76
65	63mm QRT male x 65mm BSP female brass adaptor	QRTF65BF	539.33
65	63mm QRT male x 65mm BSP male adaptor	QRTM65BM	207.65
65	63mm QRT male x 65mm BSP female adaptor	QRTM65BF	420.72
65	65mm QRT x 65 BSP female adaptor aluminium	QRT6565FA	476.13
	Hose Tail		
38	63 QRT male X 38MM hose tail	QRTM38HT	134.97
38	63 QRT female X 38MM hose tail	QRTF38HT	128.05
50	63mm QRT female X 50MM hose tail	FFS-FCOGQF-6550	289.75
50	63 QRT male X 50MM hose tail	QRTM50HT	229.36
65	63mm QRT male X 65MM hose tail	QRTM65HT	133.81
65	63mm QRT female X 65MM hose tail	QRTF65HT	124.58
38	38mm QRT ring & tail	QRT38	POR
65	65mm QRT ring & tail aluminium	QRT65	216.84
75	75mm QRT nut & tail	QRT075	162.67

Price Group: SD

FP07



QRTF50BF



QRTF50BM

QRT Test Point

Size	Description	Part No.	Price $
65 NB	QRT Swivel Test Point by Roll Groove	FFS-QRTXRGTEST	151.13

Price Group: SD

FP02



Jet/Spray Nozzle with Control Valve



Connection:	Inlet size - 2" BSP (male)
Flow Rate @ 65 PSI:	160L/min (jet) 140L/min (spray)
Throw Range @ 65 PSI:	14m (jet and spray)

Material	Part No.	Type	Price $ (ea)
Aluminium Alloy to BS1490	WRS078-LA-050-NA	Standard	864.34

Price Group: SD

FP08

Hose Reel Twist Spray Nozzle



Thread:	Female pipe thread suitable for BSP and NPT
Seal:	Rubber gasket creates pressure-type seal

Thread Size (inch)	Part No.	Description	Price $ (ea)
¾	HNFR20	Power Spray	44.99

Price Group: SD

FP08

Power Jet Twist Spray Nozzles



1" Small Power Jet



1½" Power Jet

Thread:	Female pipe thread suitable for BSP
Seal:	Rubber gasket creates pressure-type seal

Thread Size (inch)	Part No.	Description	Price $ (ea)
1	HNPJ25	Small Power Jet	59.12
1½	HNPJ40	Power Jet	76.46

Price Group: SD

FP08

K

Viper Fire Spray Nozzles



1" Viper



1½" Viper

Application:	Suitable for hose cabinets and a variety of other uses requiring an industrial strength nozzle.
Design:	Shut-off, jet and mist effects. Fixed teeth.
Thread:	Female pipe thread suitable for BSP and NPT
Seal:	Rubber gasket creates pressure-type seal

Thread Size (inch)	Part No.	Working Pressure		Flow Rate (lpm @100PSI)	Price $ (ea)
		PSI	MPa		
1	FNV025	150	1.0	150	58.20
1½	FNV040	150	1.0	360	56.27

Price Group: SD

FP08

Solid Brass Hose Spray Nozzle - 100 PSI

Thread Size (inch)	Length (mm)	Part No.	Discharge	Price $
¾ GHT	150	BN6	¼"	27.11



• Brass with satin finish.
• For use up to 100 PSI (Water only).

Price Group: SD

AT01

Solid Brass Full Size Twist Nozzle

Thread Size (inch)	Length (mm)	Part No.	Price $ (ea)
¾ GHT	100	BTN75	31.43



• For use up to 150PSI (Water only)

Price Group: SD

AT01

Red Polycarbonate Nozzle

Application:	For use up to 100PSI (water only) - adjusts from straight stream to fog
Thread:	Female pipe thread suitable for BSP and NPT
Seal:	Rubber gasket creates pressure-tight seal
Approvals:	Factory Mutual (FM) approved



Thread Size (inch)	Part No.	45˚ Spray lpm @ 100 PSI	Price $
¾	FNB75S	95	27.78

Price Group: SD

AT01

Fire Hose Nozzle with Bumper

Thread:	Female pipe thread suitable for NPT
Seal:	Rubber gasket creates pressure-tight seal
Approvals:	Factory Mutual (FM) approved



Thread Size (inch)	Part No.	Flow Rate lpm @ 100 PSI	Price $
1	FNB100S	43	120.09

Price Group: SD

AT01

Blue Thermoplastic Refinery Fog Nozzles

Application:	For use up to 100 PSI (water only) - adjusts from straight stream to fog. Provides consistent volume at any spray angle.
Design:	Resistant to petrochemicals
Thread:	Female pipe thread suitable for NPT
Seal:	Rubber gasket creates pressure-tight seal
Approvals:	Factory Mutual (FM) approved



Thread Size (inch)	Part No.	Flow Rate lpm @ 100 PSI	Price $
1½	RNB150S	283	75.05

Price Group: SD

AT02

K

ABE Powder Fire Extinguisher

Multi-purpose ABE powder is a versatile extinguishant which is used to extinguish class A (Carbonaceous) fires, achieved by sealing burning embers. It is also used on class B (Flammable Liquid) fires and class E (Electrical Fires).
The ABE powder Extinguishers are approved by Australian Standard to AS1841.5.



Technical Specifications				
Capacity (kg):	**1.0**	**2.5**	**4.5**	**9.0**
Fire Class:	ABE	ABE	ABE	ABE
Fire Rating:	1A:20B:E	3A:40B:E	4A:80B:E	6A:80B:E
Operating Temperature:	-20° C to 60°C	-20° C to 60°C	-20° C to 60°C	-20° C to 60°C
Test Pressure:	2.5MPa (25 bar)	2.5MPa (25 bar)	2.5MPa (25 bar)	2.5MPa (25 bar)
Operating Pressure 23°C:	1,000kPa	1,000kPa	1,400kPa	1,400kPa
Min Discharge Material:	12s	13s	19s	20s
Cylinder Material:	Cold Roll Carbon Steel	Cold Roll Carbon Steel	Cold Roll Carbon Steel	Cold Roll Carbon Steel
Cylinder Thickness:	1.0mm	1.2mm	1.4mm	1.6mm
Operating Valve:	Brass	Brass	Brass	Brass
Height:	325mm	400mm	490mm	570mm
Diameter:	91.5mm	118.5mm	157mm	176mm
Full Weight:	1.8 kg	4.7 kg	7.6 kg	12.8 kg
Carton Size (mm):	110x125x335	140x160x430	190x210x510	215x225x590

Also available in 4.5kg and 9kg with full Stainless Steel Cylinder

Size (kg)	Part No.	Price $ (ea)
1	EXT-ABE-1KG	72.80
2.5	EXT-ABE-2.5KG	136.14
4.5	EXT-ABE-4.5KG	222.52
9	EXT-ABE-9KG	303.26

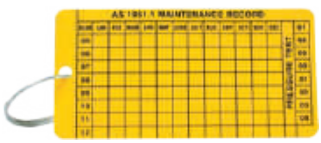
Price Group: SD

FP04





Refer page 446 for Extinguisher Signs



Refer page 445 for Maintenance Record Tag

Foam, Water & Chemical Fire Extinguishers

Water is the most commonly used extinguishant for class A fires involving carbonaceous materials such as wood, paper and textiles. Water extinguishers cool the fire, removing the heat needed to sustain burning. Foam fire extinguishers with AFFF additive have the effect of improving a water based extinguisher, enabling it to fight class A and B fires.
Wet chemical extinguishers contains special potassium acetate based agent for use on fires involving cooking oils or fats.
All fire extinguishers are manufactured and approved to AS1841.1

Certified Product
Australian Standard

Technical Specifications				
Type:	**Water**	**Foam**	**Wet Chemical**	**Wet Chemical**
Capacity:	9.0L	9.0L	7.0L	2.5L
Fire Class:	A	AB	AF	AF
Fire Rating:	2A	3A:20B	2A:4F	1A:3F
Operating Temperature:	+1° C to 60°C	+1° C to 60°C	+1° C to 60°C	+1° C to 60°C
Test Pressure:	2.5MPa	2.5MPa	2.5MPa	2.5MPa
Operating Pressure 23°C:	700kPa	1,000kPa	700kPa	700kPa
Min Discharge Time:	90secs	43secs	67secs	40secs
Cylinder Material:	1.6mm cold Roll Carbon Steel	1.6mm cold Roll Carbon Steel	1.6mm cold Roll Carbon Steel	1.6mm cold Roll Carbon Steel
Cylinder Lining:	Polythene	Polythene	Polythene	Polythene
Operating Valve:	Brass	Brass	Brass	Brass
Height:	635mm	635mm	635mm	410mm
Diameter:	181mm	181mm	181mm	118.5mm
Full Weight:	13.5kg	13.5kg	11.7kg	4.8kg
Carton Size (mm):	200 x 200 x 645	200 x 200 x 645	140 x 160 x 430	140 x 160 x 430

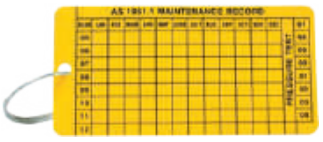
Description	Part No.	Approval	Price $
Foam 9L	EXT-AF-9LTR	AS1841.1	444.46
Chemical 2.5L	EXT-WC-2.5LT	AS1841.3	518.35
Chemical 7L	EXT-WC-7LT	AS1841.3	851.79
Air/Water 9L	EXT-AW-9LTR	AS1841.2	411.54

Price Group: SD
FP04





Refer page 446 for Extinguisher Signs



Refer page 445 for Maintenance Record Tag

CO^2 Fire Extinguisher

Carbon Dioxide (CO^2) is used on class B (Flammable Liquid) fires.

CO^2 is safe to use on live electrical fires. CO^2 fire extinguishers are available in a variety of sizes with light weight steel cylinders.
All fire extinguishers are manufactured and approved to AS1841.5 and AS1841.1



Technical Specifications			
Capacity (kg):	**2.0**	**3.5**	**5.0**
Fire Class:	BE	BE	BE
Fire Rating:	2B:E	5BE	5B:E
Operating Temperature:	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
Test Pressure: *	22MPa (220BAR)	22MPa (220BAR)	22MPa (220BAR)
Operating Pressure At:	5.0 MPa (50 BAR)	5.0 MPa (50 BAR)	5.0 MPa (50 BAR)
Min Discharge Time:	14 secs	11 secs	15 secs
Cylinder Material:	Chromium Molybdenum, BS5045 Part 1	Chromium Molybdenum, BS5045 Part 1	Chromium Molybdenum, BS5045 Part 1
Operating Valve:	Forged Brass	Forged Brass	Forged Brass
Height:	625mm	595mm	770mm
Diameter:	105mm	138mm	138mm
Full Weight:	7.9kg	11.8kg	15.1kg
Carton Size (mm):	200x200x635	200x245x610	230x245x780

K

* Test Pressure for Cylinder, Valve and Discharge Hose.

Size (kg)	Part No.	Price $
2.0	EXT-CO2-2KG	366.44
3.5	EXT-CO2-3.5KG	456.92
5.0	EXT-CO2-5KG	480.75

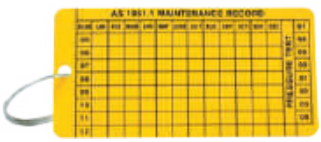
Price Group: SD

FP04





Refer page 446 for Extinguisher Signs



Refer page 445 for Maintenance Record Tag

Fire Extinguisher Cabinets

Material:	Mild Steel
Thickness:	1.0mm
Installation:	Wall Mounted
Paint Finish:	Epoxy Powder Red

Part No.	Description	W x H x D (mm)	Weight (kg)	Price $
EXT-CAB-9KG/KL	Keylock 9kg	280 x 710 x 260	6.9	322.40
EXT-CAB-4.5KG/KL	Keylock 4.5kg	280 x 546 x 203	6.3	423.68
EXT-CAB-9KG	Pushlock 9kg	280 x 710 x 260	7.3	312.87
EXT-CAB-4.5KG	Pushlock 4.5kg	280 x 246 x 203	6.5	419.81

Price Group: SD

FP04



Keylock



Pushlock

Fire Extinguisher Bag

Part No.	Description	Price $
EXT-CHDPRCE	PVC Extinguisher Bag	2.87

Extinguisher not included

Price Group: SD

FP04



Fire Extinguisher Heavy Duty Vehicle Bracket

Material:	Galvanised Mild Steel

Part No.	Size (kg)	Price $
HDVB2.5	2.0 - 2.5	162.70
HDVB4.5	4.5	206.91
HDVB9.0	9.0	216.77

Extinguisher not included

Price Group: SD

FP11



Fire Blankets

Application:	Kitchen
Material:	Woven Fibre Glass
Standards:	Tested and complies to AS3504

Part No.	Size (mm)	Price $
FBT1010	1000 x 1000	34.20
FFS-FB1200	1200 x 1200	72.23
FFS-FB1800	1800 x 1200	90.86

Price Group: SD

FP04



Maintenance Record Tag

Maintenance Record Tag	
Part No.	**Price $**
FFS-MRT	0.93

Price Group: FE

FP08



Fire Signs





Fire Extinguisher Signs			
Part No.	**Description**	**Size (mm)**	**Price $**
EXT-CO2SIGN	CO_2 Identification Sign	190 x 190	1.38
EXT-ABESIGN	ABE Identification Sign	190 x 190	1.35
EXT-WATERSIGN	Water Identification Sign	190 x 190	1.31
EXT-BESIGN	BE Identification Sign	190 x 190	5.92
EXT-LOCSIGN	Fire Extinguisher Location Sign Medium	210 x 320	4.74

Price Group: SD

FP11



Hose Reel Signs			
Part No.	**Description**	**Size (mm)**	**Price $**
EXT-HRLOCM	Hose Reel Medium Location Sign	210 x 320	6.25

Price Group: SD

FP11



Hydrant Booster Sign			
Part No.	**Description**	**Size (mm)**	**Price $**
FFS-SIGN-FHB	Fire Hydrant Booster Sign	250 x 200	147.53

Price Group: FE

FP11



Sprinkler Booster Sign			
Part No.	**Description**	**Size (mm)**	**Price $**
FFS-SIGN-FSB	Fire Sprinkler Booster Sign	150 x 225	147.53

Price Group: FE

FP11



Fire Blanket Sign			
Part No.	**Description**	**Size (mm)**	**Price $**
FFS-LSFBP	Fire Blanket Location Sign	150 x 225	7.04

Price Group: FE

FP11

Self Adhesive Signs



Part No.	Description	Size (mm)	Price $
FFS-SLABEL	Label DCP ABE - Large	125 x 600	15.05
FFS-SLBEL	Label DCP DCP BE - Large	125 x 60	15.97
FFS-SLAF	Label Air/Foam	160 x 295	16.77
FFS-SLAW	Label Air/Water	160 x 295	15.97
FFS-SLCO2	Label CO_2	140 x 675	19.81
FFS-SLWC	Label Wet Chemical	160 x 295	15.97
FFS-SLUWB	Universal White Band for ABE	50 x 500	13.11
FFS-SLBLUE	Blue Band for Air Foam	50 x 500	4.19
FFS-SLOAT	Oatmeal Band For Wet Chemical	50 x 500	4.01

Price Group: FE

FP11

K



L

Pipe ---- 448-450
- Shouldered Light Wall ---- 448
- Grooved Light Wall ---- 449
- Threaded Medium Wall ---- 450
- Grooved Medium Wall ---- 450

Roll Grooved Fittings ---- 451-453
- Couplings ---- 452-453
- Gaskets ---- 453
- Tees and Elbows ---- 454-459
- Reducers ---- 460
- Adaptors ---- 461-462
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Shouldered Fittings ---- 465-470
- Couplings ---- 465-466
- Gaskets ---- 466
- Elbows & Bends ---- 467
- Tees & Adaptors ---- 468-469
- Blank Ends ---- 470

Flange Gaskets ---- 471

Screwed Pipe Fittings ---- 472-481



Shouldered Light Wall Pipe



Application:	Designed for use in both underground and surface mining applications. Can also be used for water, slurry and air movement in mining, industrial and irrigation applications that are suited to a lighter walled pipe.
Features:	Robust yet lightweight for ease of handling.
Material:	Hot dipped galvanised to AS/NZS 4792 - min 300 grams/m².
Standards:	BS 1387:1985 - Standard specifications for screwed and socketed steel tubes and tubulars and for plain end steel tube suitable for welding and for screwing to BS21 pipe threads.

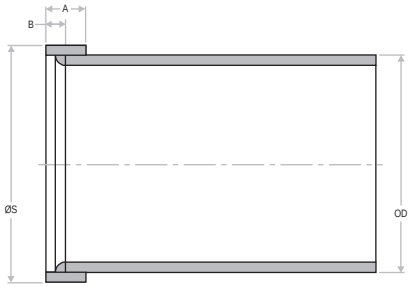
Galvanised Light Wall Pipe with Shouldered Ends (both ends).

Part No.	Length (mtr)	Size NB	OD (mm)	Wall Thickness (mm)	WP MPa	No per bundle	Price $ (ea)
PFHG-1143-20-SH	6.5	100	114.3	2.00	3.5	10	350.88
PFHG-1651-275-SH	6.5	150	165.1	2.75	3.5	7	667.69

Price Group: SD

PI03

Shouldered Light Wall Pipe Dimensions



Size		OD	ØS (mm)			A (mm)			B
inch	mm		basic	min	max	basic	min	max	
4	100	114.3	122.0	121.2	122.8	17.5	17.5	18.3	8
6 *	150	165.1	174.5	173.7	175.3	17.5	17.5	18.3	8

* Australian Pipe Size

* The pipe or system working pressures are limited to the published working pressures of the couplings used in the design of the pipeline

Grooved Light Wall Pipe

Application:	For Industrial Plumbing and Fire Hydrant Piping Systems - provides water to landing valves, hose reels and hydrant risers. Typically located in stairwells or building cavities - suitable for mains or independent water supply.
Features:	Pipe is line marked with all approvals and mill identification every metre for fast visual inspection.
Material:	ASTM A135 - Standard specification for Electric Resistance Welded (ERW) Steel Pipe. Hot dip galvanised to AS/NZS 4792.
End Configurations:	Roll Grooved Ends are standard for stock lengths. A surcharge will apply to each additional cut or processed end.
Standards:	EX6116, AS4118.2.1, AS 2419.1 and AS 4118.2.1 UL Approved. Roll Grooving conforms to ANSI/AWWA C606-97.
Approvals:	ActivFire®, UL, contact Dixon™ for relevant approvals at time of purchase



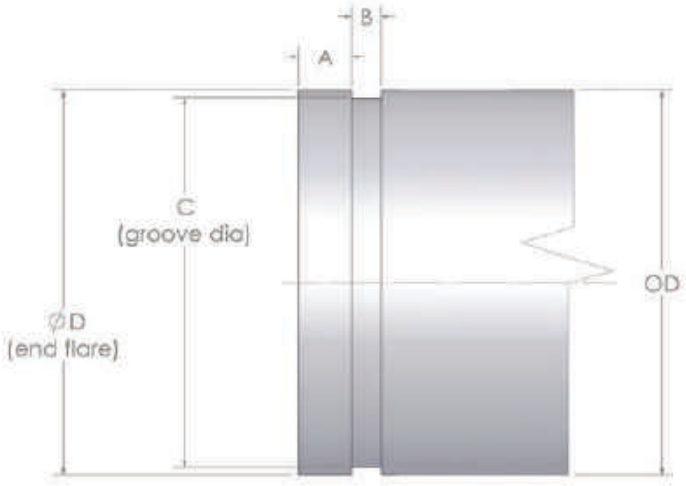
Galvanised Light Wall Pipe with Roll Grooved Ends (both ends).

Part No.	Length (mtr)	Size NB	OD (mm)	Wall Thickness (mm)	Working Pressure		Weight (kg)	No per bundle	Price $ (ea)
					kPa	MPa			
PFHG-1143-25-RG	6	100	114.3	3.05	5500	5.5	51.5	10	315.86
PFHG-1651-30-RG	6	150	165.1	3.40	5500	5.5	83.2	7	504.85
PFHG-2191-48-RG	6	200	219.1	4.77	5500	5.5	153.8	5	1140.80

Price Group: FE

PI03

Roll Grooved Specification Table



NB		OD (mm)			A (mm)			B (mm)			C (mm)				D max
											diameter		circumference		
inch	mm	basic	min	max	basic	min	max	basic	min	max	min	max	min	max	
4	100	114.3	113.8	115.2	15.88	15.12	16.26	8.74	8.36	9.50	109.70	110.08	344.64	345.84	116.8
6*	150	165.1	164.3	166.7	15.88	15.12	16.26	8.74	8.36	9.50	160.22	160.78	503.35	505.11	167.6
8	200	219.1	218.5	220.4	19.05	18.29	19.43	11.91	11.53	12.67	213.89	214.40	671.97	673.56	223.5

* Australian Pipe Size

Note: Specifications and approvals subject to change without notice.

* The pipe or system working pressures are limited to the published working pressures of the couplings used in the design of the pipeline

L

Galvanised Medium Wall Pipe AS1074



BSP Threaded End - AS1074, AS2419.1, AS/NZS 4792, AS1722.1



Roll Grooved End - AS1074, AS2419.1, AS/NZS 4792, ANSI/AWWA C606-97

Application:	For Fire Hydrant Piping Systems - provides water to landing valves, hose reels and hydrant risers. Typically located in stairwells or building cavities - suitable for connection to mains or independent water. Also used for water, slurry and air movement in mining, industrial and irrigation applications.
Features:	Pipe is line marked with all approvals and mill identification every metre for fast visual inspection. Galvanising significantly exceeds the requirements of AS/NZS4792.
End Configurations:	BSP threaded or roll grooved
Standards:	AS1074, AS2419.1, AS/NZS4792
Approvals:	ActivFire®, UL, contact Dixon™ for relevant approvals at time of purchase

Galvanised Medium Pipe with BSP Threaded Ends (Both Ends).
Threads Conform to AS1722.1

Part No.	Length (mtr)	Size (mm)	OD (mm)	Wall Thickness (mm)	WP kPa	Weight each (kg)	No per bundle	Approved	Price $ (ea)
PMGB-25	6.5	25	33.4	3.2	5500	15.9	61	✓	89.83
PMGB-32	6.5	32	42.2	3.2	5500	20.5	48	✓	123.51

Price Group: FE

PI05

Galvanised Medium Pipe with Roll Grooved Ends (Both Ends).
Roll Grooving Conforms to ANSI/AWWA C606-97.

Part No.	Length (mtr)	Size (mm)	OD (mm)	Wall Thickness (mm)	WP kPa	Weight each (kg)	No per bundle	Approved	Price $ (ea)
PMGG-32	6.5	32	42.2	3.2	5500	20.5	48	✓	124.26
PMGG-40	6.5	40	48.3	3.2	5500	23.7	37	✓	149.89
PMGG-50	6.5	50	60.3	3.6	5500	33.4	27	✓	201.67
PMGG-65	6.5	65	76.0	3.6	5500	42.8	19	✓	258.90
PMGG-80	6.5	80	89.0	4.0	5500	55.6	16	✓	341.75
PMGG-100	6.5	100	114.3	4.5	5500	80.6	10	✓	466.02
PMGG-150	6.5	150	165.1	5.0	5500	130.4	7	✓	763.76

Note: Specifications and approvals subject to change without notice.

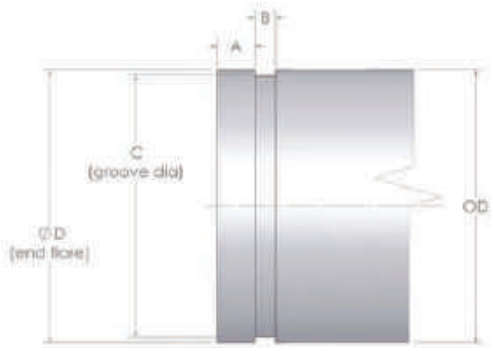
Price Group: FE

PI05

L

Roll Groove Pipe Specification

Where pipe is roll grooved, it complies with the requirements of the standard ANSI/AWWA C606 for Grooved and Shouldered Joints.



NB		OD (mm)			A (mm)			B (mm)			C (mm)				D Max
inch	mm	basic	min	max	basic	min	max	basic	min	max	Diameter		Circumference		
											min	max	min	max	
1¼	32	42.20	41.80	42.60	15.88	15.12	16.26	7.14	6.38	7.90	38.61	38.99	121.30	122.49	45.00
1½	38	48.30	41.80	48.80	15.86	15.12	16.26	7.14	6.38	7.90	44.71	45.09	140.46	141.65	51.10
2	50	60.3	59.9	60.9	15.88	15.12	16.26	8.74	8.36	9.50	56.77	57.15	178.35	179.54	63.0
2½	65	76.1	75.4	76.6	15.88	15.12	16.26	8.74	8.36	9.50	71.80	72.26	225.58	227.01	78.7
3	75	88.9	88.4	89.7	15.88	15.12	16.26	8.74	8.36	9.50	84.56	84.94	265.64	266.84	91.4
4	100	114.3	113.8	115.2	15.88	15.12	16.26	8.74	8.36	9.50	109.70	110.08	344.64	345.84	116.8
6 *	150	165.1	164.3	166.7	15.88	15.12	16.26	8.74	8.36	9.50	160.22	160.78	503.35	505.11	167.6
8	200	219.1	218.5	220.4	19.05	18.29	19.43	11.91	11.53	12.67	213.89	214.40	671.97	673.56	223.5
10	250	273.1	272.5	274.6	19.05	18.29	19.43	11.91	11.53	12.67	267.63	268.27	840.82	842.81	277.4

* Australian Pipe Size

Rigid Galvanised Roll Grooved Couplings

Application:	Suitable for fire sprinkler and hydrant systems. Can also be used for hot water and potable water. Not for use with hydrocarbons, eg petroleum, kerosene and diesel.
Design:	Dixon™ 402R Rigid Coupling for the Fire Protection Industry and provides rigidity for valve connections, fire main risers and long straight pipe runs. The tongue and recess design of the coupling adjusts to allow for standard pipe and roll or cut groove tolerances, positively clamping the pipe to resist flexural and torsional loads.
Material:	Housing - Ductile Iron to ASTM-A536 Standard Gasket - EPDM (Black) Other materials available on request Hot dip galvanised finish to AS4680
Temperature:	-30° to 110°C
Markings:	Dixon™ 402R
Compatibility	Interchangeable with Fig 7
Approvals:	UL Listed, FM Approved



Size NB	Size (inch)	Part No.	WP		Approvals		Price $
			PSI	MPa	UL	FM	
32	1¼	FWG-402R-43	300	2	×	×	10.98
40	1½	FWG-402R-48	300	2	×	✓	12.51
50	2	FWG-402R-60	300	2	✓	✓	16.40
65	2½	FWG-402R-76	300	2	✓	✓	18.07
80	3	FWG-402R-88	300	2	✓	✓	19.86
100	4	FWG-402R-114	300	2	✓	✓	24.53
150	6	FWG-402R-165	300	2	✓	✓	35.04
200	8	FWG-402R-219	300	2	✓	✓	81.78

Price Group: FE
CG03

Flexible Galvanised Roll Grooved Couplings

Application:	Suitable for fire sprinkler and hydrant systems. Can also be used for hot water and potable water. Not for use with hydrocarbons, eg petroleum, kerosene and diesel.
Design:	Flexible couplings allow controlled angular, linear and rotational movement at each joint. This accommodates expansion/contraction, settling, vibration and other piping system movement.
Material:	Housing - Ductile Iron to ASTM-A536 Standard Gasket - EPDM (Black) Other materials available on request Hot dip galvanised finish to AS4680
Temperature:	-30° to 110°C
Markings:	Style 10
Compatibility	Interchangeable with Fig 75
Approvals:	UL Listed FM Approved



Size NB	Size (inch)	Part No.	WP		Approvals		Price $
			PSI	MPa	UL	FM	
40	1½	FWG-75-48	300	2	✓	✓	20.99
50	2	FWG-75-60	300	2	✓	✓	17.23
65	2½	FWG-75-76	300	2	✓	✓	20.98
80	3	FWG-75-88	300	2	✓	✓	25.58
100	4	FWG-75-114	300	2	✓	✓	25.58
150	6	FWG-75-165	300	2	✓	✓	43.92
150 USA	6 USA	FWG-75-168	300	2	✓	✓	58.37

Price Group: FE
CG02

Flexible Heavy Duty Galvanised Roll Grooved Couplings

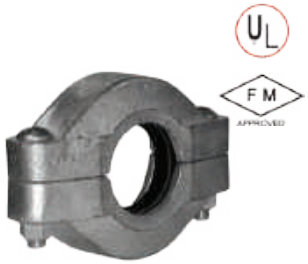


Application:	Suitable for fire sprinkler and hydrant systems. Can also be used for hot water and potable water. Not for use with hydrocarbons, eg petroleum, kerosene and diesel
Design:	The heavy duty flexible coupling features a heavy duty ribbed construction providing working pressures up to 1,000 PSI.
Material:	Housing - Ductile Iron to ASTM-A536 Standard Gasket - EPDM (Black) Other materials available on request Hot dip galvanised finish to AS4680
Temperature:	-30° to 110°C
Markings:	Style 11
Compatibility:	Interchangeable with Fig 77

Size NB	Size (inch)	Part No.	WP		Price $
			PSI	MPa	
80	3	FWG-HDC-88	1000	6.8	39.30
100	4	FWG-HDC-114	1000	6.8	103.86
150	6	FWG-HDC-165	1000	6.8	109.49
200	8	FWG-HDC-219	800	5.5	240.37
250	10	FWG-HDC-250	500	3.5	250.22
300	12	FWG-HDC-300	500	3.5	318.88

Price Group: FE
CG04

Reducing Galvanised Roll Grooved Couplings





Application:	Reducing couplings permit direct reduction on the piping run, eliminating the use of pipe reducers or costly fabricated fittings.
Material:	Housing - Ductile Iron to ASTM-A536 Hot dip galvanised finish to AS4680
Markings:	Style 25
Compatibility:	Interchangeable with Fig 750
Approvals:	UL Listed FM Approved

Size NB	Size (inch)	Part No.	WP		Approvals		Price $
			PSI	MPa	UL	FM	
80 x 50	3 x 2	FWG-750-88-60	300	2	✓	✓	108.43
150 x 100	6 x 4	FWG-750-165-114	250	1.7	✓	✓	187.41

Price Group: FE
CG02

Transition (Rigid) Galvanised Roll Grooved Couplings



Application:	Transition couplings are designed to join 150mm Australian Standard Pipe OD 165.1mm to 150mm American Line Pipe OD 168.3mm.

Size OD	Part No.	WP		Price $
		PSI	MPa	
165.1 x 168.3	FWG-402R-165-168	300	2	143.08

Price Group: FE
CG03

Painted Rigid Roll Grooved Couplings

Application:	For hot water and potable water. Not for use with hydrocarbons, eg petroleum, kerosene and diesel.
Design:	The Dixon™ 402R Rigid Coupling has been designed for the Fire Protection Industry and provides rigidity for valve connections, fire sprinkler systems and long straight pipe runs. The tongue and recess design of the coupling adjusts to allow for standard pipe and roll or cut groove tolerances, positively clamping the pipe to resist flexural and torsional loads. Hot dip galvanised finish. Other materials available on request
Material:	Housing - Ductile Iron to ASTM-A536 EPDM (Black) Ductile Iron to ASTM-A536
Temperature:	-30° to 110°C
Markings:	Style 5
Compatibility:	Interchangeable with Fig 10
Approvals:	UL No. EX4390

Available while stocks last!



Size NB	Size (inch)	Part No.	WP		Approvals		Price $
			PSI	MPa	UL	FM	
32	1¼	FWP-402R-42	300	2	×	×	9.37
40	1½	FWP-402R-48	300	2	×	✓	9.82
50	2	FWP-402R-60	300	2	✓	✓	10.58
65	2½	FWP-402R-76	300	2	✓	✓	12.69
80	3	FWP-402R-88	300	2	✓	✓	19.41
100	4	FWP-402R-114	300	2	✓	✓	28.97
150	6	FWP-402R-165	300	2	✓	✓	52.81
200	8	FWP-402R-219	300	2	✓	✓	117.90

Price Group: SD
CG08

Gaskets for Roll Grooved Couplings

Nitrile			
Size NB	**Size (inch)**	**Part No.**	**Price $**
40	1½	GAS-RG-N40	5.23
50	2	GAS-RG-N50	6.79
65	2½	GAS-RG-N65	7.36
80	3	GAS-RG-N80	12.25
100	4	GAS-RG-N100	17.11
150	6	GAS-RG-N150	30.81

Price Group: SD
GA02



EPDM			
Size NB	**Size (inch)**	**Part No.**	**Price $**
50	2	GAS-RG-60-E	6.79
65	2½	GAS-RG-76-E	7.36
80	3	GAS-RG-88-E	12.25
100	4	GAS-RG-114-E	17.11
150	6	GAS-RG-165-E	31.11
200	8	GAS-RG-219-E	46.59

Price Group: SD
GA03

L

Gasket Lube - Roll Grooved Couplings



Application:	Specifically formulated where rubber gaskets are fitted especially in hot, dry and wet weather also used in areas where high levels of water quality are not required such as sewerage, irrigation and fire control systems. A consistently high quality of jointing is achieved. Incorrect lubricants, such as grease, can affect the life and effectiveness of a rubber gasket and also prevent correct positioning of the gasket which can cause joint leakage. It contains an approved bactericide which makes it safe to use with potable water.
Properties:	• Water soluble emulsion. Excess lubricant is quickly removed from pipe systems when the system is flushed. • No detrimental effect on the natural synthetic rubbers used in gasket materials • Jointing lubricant
Standards:	AS 4020-1999 Accredited under the Watermark Scheme MP 52 Spec 014. Licence No. W104

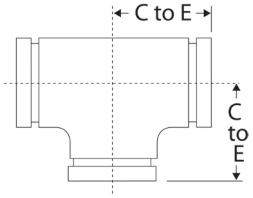
Part No.	Price $
FFS-RGLUBE	21.09

Price Group: FE

HP02

Short Series Roll Grooved Equal Tees - Galvanised





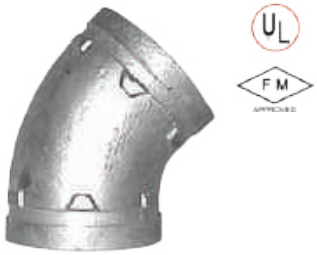
Markings:	Style 110S
Compatibility:	Interchangeable with Fig 002
Material:	Ductile Iron to ASTM-A536

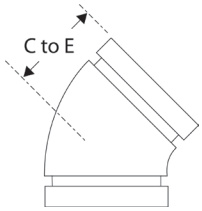
Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100	4	FWG-20-114S	500	3.5	102	58.37
150	6	FWG-20-165S	500	3.5	142	116.75
200	8	FWG-20-219S	500	3.5	179	266.86

Price Group: FE

CG01

Short Series 45° Roll Grooved Elbows - Galvanised





Markings:	Style 101S
Compatibility:	Interchangeable with Fig 003
Material:	Ductile Iron to ASTM-A536

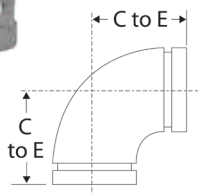
Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100	4	FWG-11-114S	500	3.5	76	37.53
150	6	FWG-11-165S	500	3.5	89	78.20
200	8	FWG-11-219S	500	3.5	108	158.44

Price Group: FE

CG01

Short Series 90° Roll Grooved Elbows - Galvanised





Markings:	Style 100S
Compatibility:	Interchangeable with Fig 001
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100	4	FWG-10-114S	500	3.5	102	44.48
150	6	FWG-10-165S	500	3.5	142	91.73
200	8	FWG-10-219S	500	3.5	179	172.35

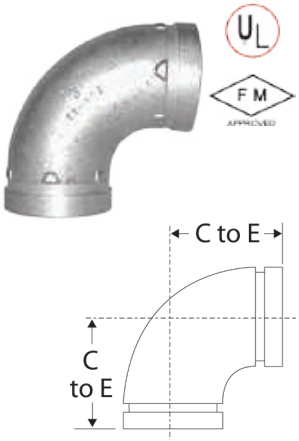
Price Group: FE

CG01

Standard Series 90° Roll Grooved Elbows - Galvanised

Markings:	Style 100
Compatibility:	Interchangeable with Fig 10
Approvals:	UL Listed, FM Approved
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Approvals		Price $
			PSI	MPa		UL	FM	
32	1¼"	FWG-10-42	500	3.5	57	✓	✓	11.07
40	1½"	FWG-10-48	500	3.5	64	✓	✓	11.29
50	2	FWG-10-60	500	3.5	83	✓	✓	16.96
65	2½	FWG-10-76	500	3.5	95	×	×	28.08
80	3	FWG-10-88	500	3.5	108	✓	✓	33.91
250	10	FWG-10-273	275	1.9	229	×	×	394.73

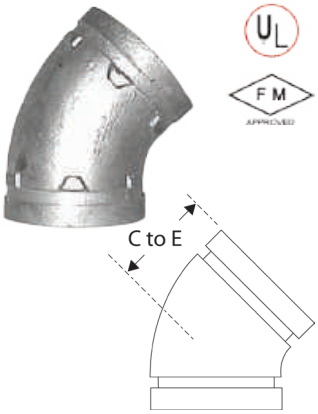


Price Group: FE
CG01

Standard 45° Roll Grooved Elbows - Galvanised

Markings:	Style 101
Compatibility:	Interchangeable with Fig 11
Approvals:	UL Listed, FM Approved
Material:	Ductile Iron to ASTM-A536

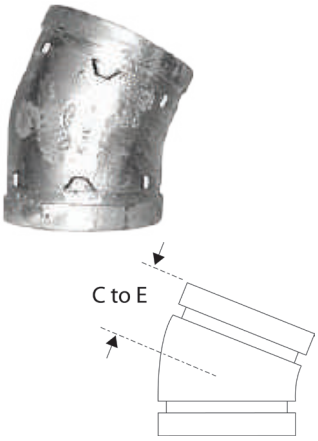
Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Approvals		Price $
			PSI	MPa		UL	FM	
32	1¼"	FWG-11-42	500	3.5	45	✓	✓	9.72
40	1½"	FWG-11-48	500	3.5	45	✓	✓	9.72
50	2	FWG-11-60	500	3.5	51	✓	✓	12.24
65	2½	FWG-11-76	500	3.5	57	×	×	22.52
80	3	FWG-11-88	500	3.5	64	✓	✓	30.57



Price Group: FE
CG01

Standard 22.5° Roll Grooved Elbows - Galvanised

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100	4	FWG-22-114	500	3.5	73	52.81
150	6	FWG-22-165	400	2.8	79	86.17
200	8	FWG-221/2-219	500	3.5	197	187.61



Price Group: FE
CG01

Standard 11.25° Roll Grooved Elbows - Galvanised

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
80	3	FWG-111/4-88	500	3.5	38	31.06
100	4	FWG-111/4-114	500	3.5	44	36.42
150	6	FWG-111/4-165	400	2.8	51	102.85
200	8	FWG-111/4-219	500	3.5	51	140.64

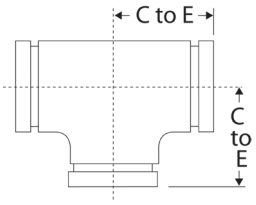


Price Group: FE
CG01

Also available:
Roll Grooved Elbows in 5 deg, 10 deg, 15 deg, 30 deg, 58 deg, 65 deg, fabricated only.

Standard Series Roll Grooved Equal Tees - Galvanised





Markings:	Style 110
Compatibility:	Interchangeable with Fig 20
Approvals:	UL Listed FM Approved
Material:	Ductile Iron to ASTM-A536
Working Pressure:	1¼" to 3" = 500 PSI (3.5MPa) 10" = 275 PSI (1.9MPa)

Size NB	Size (inch)	Part No.	Centre to End (mm)	Approvals		Price $
				UL	FM	
32	1¼	FWG-20-42	70	✓	✓	14.17
40	1½	FWG-20-48	70	✓	✓	35.85
50	2	FWG-20-60	83	✓	✓	25.16
65	2½	FWG-20-76	95	×	×	39.47
80	3	FWG-20-88	108	✓	✓	52.26
250	10	FWG-20-273	230	×	×	602.20

Price Group: FE
CG01

Standard Roll Grooved Reducing Tees - Galvanised



Markings:	Style 115
Compatibility:	Interchangeable with Fig 25
Approvals:	UL Listed FM Approved
Material:	Ductile Iron to ASTM-A536
Working Pressure:	500PSI (3.5MPa)

Size NB	Size (inch)	Part No.	Centre to End (mm)	UL	Price $
100 x 100 x 50	4 x 4 x 2	FWG-TEE-114-60	127	✓	100.07
100 x 100 x 80	4 x 4 x 3	FWG-TEE-114-88	127	✓	80.61
150 x 150 x 50	6 x 6 x 2	FWG-TEE-165-60	165	✓	355.81
150 x 150 x 80	6 x 6 x 3	FWG-TEE-165-88	165	✓	150.11
150 x 150 x 100	6 x 6 x 4	FWG-TEE-165-114	165	✓	155.67
200 x 200 x 100	8 x 8 x 4	FWG-TEE-219-114	197	×	593.60

Price Group: FE
CG01

L

Standard Roll Grooved Tees c/w BSP outlet Galvanised



Markings:	Style 115 T
Material:	Ductile Iron to ASTM-A536
Working Pressure:	500 PSI (3.5MPa)

Size NB	Size (inch)	Part No.	Price $
100 x 100 x 25	4 x 4 x 1	FWG-TEE-114-34	78.45

Price Group: FE
CG01

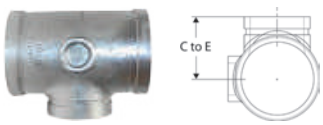
Standard Roll Grooved Bullhead Tee - Galvanised



Size NB	Size (inch)	Part No.	Centre to End (mm)	Face to Face (mm)	Price $
80 x 80 x 100	3 x 3 x 4	FWG-BHT8888114	120	230	81.40

Price Group: FE
CG05

Standard Roll Grooved Hydrant Stack Tee - Galvanised



Size NB	Size (inch)	Part No.	Centre to End (mm)	Face to Face (mm)	Price $
100 x 100 x 80	4 x 4 x 3	FWG-HST-114-88	83	165	66.72

Price Group: FE
CG05

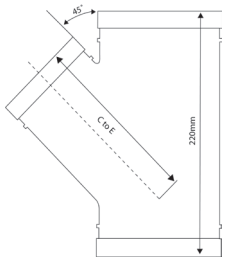
Roll Grooved Reducing Offset Tee - Galvanised

Application:	Ideal for hydrants as only one fitting is required to fit landing valves. A full range of hydrant fabricated fittings is also available. Contact Dixon™ for details. Optional fitting for direct connection of landing valve to provide offset angle.
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100 x 100 x 80	4 x 4 x 3	FWG-OST-114-88	500	3.5	158.4	241.84

Price Group: FE
CG01



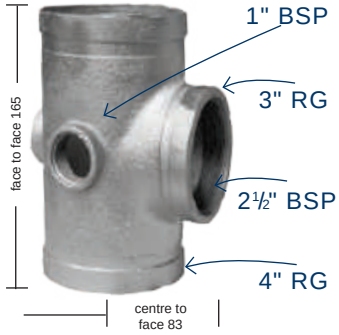


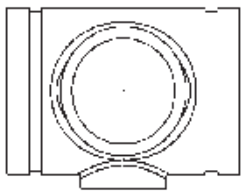
100mm Roll Grooved Hydrant Hose Reel Reducing Tee - Galvanised

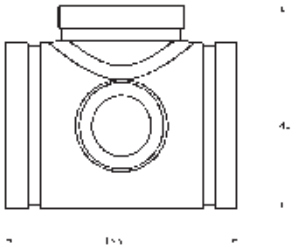
Application:	Ideal for hydrants as only one fitting is required to fit landing valves and hose reel connections. A full range of hydrant fabricated fittings is also available. Contact Dixon™ for details. Tee fitting for easy connection of landing valve and fire hose reel.
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100 x 80 x 65 x 25	4 x 3 x 2½ x 1	FWGHHRTF1148865	500	3.5	67 / 83	61.76

Price Group: FE
CG05







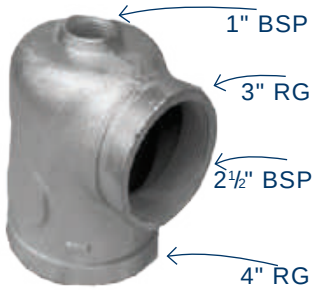
150mm Roll Grooved Hydrant Hose Reel Tee - Galvanised

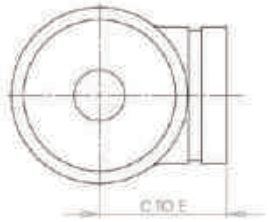
Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
150 x 80 x 25	6 x 3 x 1	FWG-TEE-1658825	400	2.8	83 / 165	789.47

Price Group: FE
CG01



Roll Grooved Hydrant Hose Reel End Run Tee - Galvanised



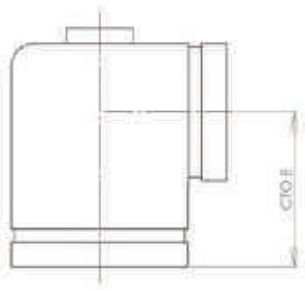


Application:	End of run elbow for connection of landing valve including supply offtake for hose reel connection.
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100 x 80 x 65 x 25	4 x 3 x 2½ x 1	FWGHHRERT1148865	500	3.5	81 / 101	89.83

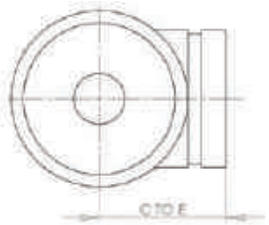
Price Group: FE
CG05

Centre to End Dimensions



Roll Grooved Hydrant End Run Tee - Galvanised



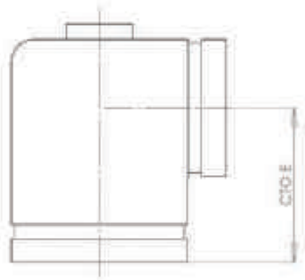


Application:	End of run elbow for connection of landing valve.
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	WP		Centre to End (mm)	Price $
			PSI	MPa		
100 x 80	4 x 3	FWG-HERT-114-88	500	3.5	83 / 165	78.60

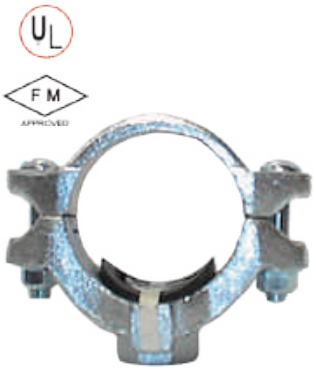
Price Group: FE
CG05

Centre to End Dimensions



Galvanised Roll Grooved Mechanical Tee

Application:	Mechanical Tee outlets provide a direct branch connection on a pipe run where sufficient space allows a hole to be cut. The hole is cut slightly oversize to the required branch pipe size to receive an integral locking collar and sealing gasket on the Mechanical Tee that secures the outlet in position. Eliminates, in most cases, three pipe cuts a tee piece and three couplings. **Hole Cutting** Before assembly of a Mechanical Tee outlet it is necessary to pre-cut a hole in the pipe to the correct size to suit the branch size. See hole diameter in table below. The hole must be drilled on the pipe centre line. It is important that the pipe surface around the hole and around the pipe circumference under the Mechanical Tee gasket seating area is free from blemishes, indentations and burrs likely to adversely affect gasket seating.
Markings:	Style 15G (Roll Grooved) and 16T (Threaded BSP)
Approvals:	UL Listed, FM Approved
Material:	Housing - Ductile Iron to ASTM-A536

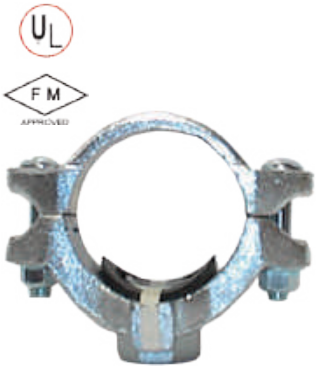


Roll Grooved

Size NB	Size (inch)	Part No.	Hole Diameter	WP		Approvals		Price $
				PSI	MPa	UL	FM	
80 x 50	3 x 2	FWG-922-88-60-G	62	300	2	×	✓	92.05
100 x 50	4 x 2	FWG-922-114-60-G	62	300	2	×	✓	58.10
100 x 65	4 x 2½	FWG-922-114-76-G	80	300	2	×	✓	68.11
100 x 80	4 x 3	FWG-922-114-88-G	89	300	2	✓	✓	97.78
150 x 50	6 x 2	FWG-922-165-60-G	70	300	2	×	✓	74.22
150 x 65	6 x 2½	FWG-922-165-76-G	80	300	2	×	✓	90.10
150 x 80	6 x 3	FWG-922-165-88-G	89	300	2	✓	✓	94.92
150 x 100	6 x 4	FWG-922-165-114G	114	300	2	×	✓	83.61
200 x 100	8 x 4	FWG-922-219-114G	114	300	2	×	×	182.17

Price Group: FE
CG01

Size NB	Size (inch)	Part No.	Hole Diameter	WP		Approvals		Price $
				PSI	MPa	UL	FM	
50 x 20	2 x ¾	FWG-920-60-27-T	38	300	2	×	×	34.24
50 x 25	2 x 1	FWG-922-60-34	38	300	2	✓	✓	29.47
50 x 32	2 x 1¼	FWG-922-60-43	46	300	2	✓	✓	34.03
50 x 40	2 x 1½	FWG-922-60-48	46	300	2	✓	✓	37.55
65 x 25	2½ x 1	FWG-920-76-34-T	38	300	2	✓	✓	45.35
65 x 32	2½ x 1¼	FWG-920-76-43-T	50.8	300	2	✓	✓	45.35
65 x 40	2½ x 1½	FWG-920-76-48-T	50.8	300	2	✓	✓	45.35
80 x 25	3 x 1	FWG-920-88-34-T	38	300	2	✓	✓	46.76
80 x 32	3 x 1¼	FWG-920-88-43-T	52	300	2	✓	✓	46.76
80 x 40	3 x 1½	FWG-920-88-48-T	52	300	2	✓	✓	47.33
80 x 50	3 x 2	FWG-920-88-60-T	62	300	2	✓	✓	55.27
100 x 25	4 x 1	FWG-920-114-34T	38	300	2	✓	✓	59.52
100 x 32	4 x 1¼	FWG-920-114-43T	46	300	2	✓	✓	79.36
100 x 40	4 x 1½	FWG-920-114-48T	52	300	2	✓	✓	57.25
100 x 50	4 x 2	FWG-920-114-60T	62	300	2	✓	✓	76.52
100 x 65	4 x 2½	FWG-920-114-76T	80	300	2	✓	✓	90.70
150 x 25	6 x 1	FWG-920-165-34T	60	300	2	×	×	96.37
150 x 32	6 x 1¼	FWG-920-165-43T	46	300	2	✓	✓	90.70
150 x 40	6 x 1½	FWG-920-165-48T	52	300	2	✓	✓	90.70
150 x 50	6 x 2	FWG-920-165-60T	70	300	2	✓	✓	87.86
150 x 65	6 x 2½	FWG-920-165-76T	80	300	2	✓	✓	94.24



Threaded BSP Female

Other size combinations also available.
Contact Dixon™ for details.

Price Group: FE
CG01

L

Roll Grooved Concentric Reducers - Galvanised

Markings:	Style 140G
Compatibility:	Interchangeable with Fig 50
Approvals:	UL Listed, FM Approved
Material:	Ductile Iron to ASTM-A536



Roll Groove x Roll Groove

Size NB	Size (inch)	Part No.	WP PSI	WP MPa	Face to face (mm)	UL	Price $
Long Series							
50 x 32	2 x 1¼	FWG-50-60-43	500	3.5	64	✓	34.00
50 x 40	2 x 1½	FWG-50-60-48	500	3.5	64	✓	32.00
65 x 50	2½ x 2	FWG-50-76-60	500	3.5	64	✓	16.12
80 x 50	3 x 2	FWG-50-88-60	500	3.5	64	✓	24.46
80 x 65	3 x 2½	FWG-50-88-76	500	3.5	64	✓	24.74
100 x 50	4 x 2	FWG-50-114-60	500	3.5	76	✓	25.30
100 x 65	4 x 2½	FWG-50-114-76	500	3.5	76	×	29.19
100 x 80	4 x 3	FWG-50-114-88	500	3.5	76	✓	43.09
150 x 65	6 x 2½	FWG-50-165-76	500	3.5	102	✓	69.49
150 x 80	6 x 3	FWG-50-165-88	500	3.5	102	✓	59.49
150 x 100	6 x 4	FWG-50-165-114	500	3.5	102	✓	66.72
200 x 100	8 x 4	FWG-50-219-114	500	3.5	127	✓	130.65
200 x 150	8 x 6	FWG-50-219-165	500	3.5	127	✓	152.88

Price Group: FE
CG01



Roll Groove x Female BSP

Roll Groove x Female BSP					
Size NB	Size (inch)	Part No.	WP PSI	WP MPa	Price $
Long Series					
50 x 25	2 x 1	FWG-50-60-34-F	500	3.5	14.46
65 x 25	2½ x 1	FWG-50-76-34-F	500	3.5	30.57
100 x 65	4 x 2½	FWG-50-114-76-F	500	3.5	34.47
150 x 100	6 x 2½	FWG-50-165-76-F	500	3.5	165.97

Price Group: FE
CG01

L

Roll Grooved Eccentric Reducers - Galvanised



Roll Groove x Roll Grooved

Size NB	Size (inch)	Part No.	WP PSI	WP MPa	Price $
100 x 65	4 x 2½	FWG-51-114-76	500	3.5	111.60
100 x 80	4 x 3	FWG-51-114-88	500	3.5	33.91
150 x 80	6 x 3	FWG-51-165-88	500	3.5	311.90
150 x 100	6 x 4	FWG-51-165-114	500	3.5	155.67

Price Group: FE
CG01

Galvanised Roll Grooved Screwed Adaptors

NB RG x Thread	RG Size (inch)	Thread Size BSP (inch)	Part No.	WP		Price $
				PSI	MPa	
25 x 25	1	1	FWG-SA-25-25BSP	500	3.5	29.19
32 x 32	1¼	1¼	FWG-SA-32-32BSP	500	3.5	34.74
40 x 40	1½	1½	FWG-SA-40-40BSP	500	3.5	51.42
50 x 40	2	1½	FWG-SA-50-40BSP	500	3.5	61.16
50 x 50	2	2	FWG-SA-50-50BSP	500	3.5	16.65
65 x 65	2½	2½	FWG-SA-65-65BSP	500	3.5	26.41
80 x 80	3¼	3	FWG-SA-80-80BSP	500	3.5	27.39
100 x 100	4	4	FWG-SA-100100BSP	500	3.5	38.92
100 x 125	4	5	FWG-SA-100125BSP	500	3.5	323.01
150 x 125	6	5	FWG-SA-150125BSP	500	3.5	328.02
150 x 150	6	6	FWG-SA-150150BSP	500	3.5	255.74



Price Group: FE
CG01

Roll Grooved End Cap

Material:	Ductile Iron to ASTM-A536
Markings:	Style 150
Compatibility:	Interchangeable with Fig 6
Approvals:	UL Listed, FM Approved

Size NB	Size (inch)	Part No.	WP		Approvals		Price $
			PSI	MPa	UL	FM	
50	2	FWG-60-60	500	3.5	✓	✓	9.18
65	2½	FWG-60-76	500	3.5	✓	✓	13.89
80	3	FWG-60-88	500	3.5	✓	✓	14.46
100	4	FWG-60-114	500	3.5	✓	✓	18.07
150	6	FWG-60-165	500	3.5	✓	✓	40.30
200	8	FWG-60-219	500	3.5	✓	✓	97.29



Price Group: FE
CG01

Galvanised RG End Cap c/w BSP outlet

Size NB	Size (inch)	Part No.	WP		Price $
			PSI	MPa	
80 x 25	3 x 1	FWG-60-88T	500	3.5	20.30
100 x 25	4 x 1	FWG-60-114T	500	3.5	27.52
150 x 25	6 x 1	FWG-60-165T	500	3.5	69.49
200 x 50	8 x 2	FWG-60-219T	500	3.5	105.63



Price Group: FE
CG01

L

Copper Roll Grooved Brazing Adaptors



Application:	Copper adaptor is designed to braze directly to copper pipe, adapting to the roll grooved system.
Material:	Brass

Roll Groove Brazing Adaptors for Copper Pipe			
Size (inch)	**Part No.**	**Description**	**Price $**
2	FFS-BA50CU60RG	50.8 Copper x 60.3 RG	74.72
2½	FFS-BA63CU76RG	63.5 Copper x 76.1 RG	87.78
3	FFS-BA80CU88RG	76.2 Copper x 88.9 RG	88.83
4	FFS-BA100CU114RG	101.6 Copper x 114.3 RG	78.17
6	FFS-BA150CU165RG	152.4 Copper x 165.1 RG	150.32
8	FFS-BA200CU219RG	203.2 Copper x 219.1 RG	692.04

Price Group: FE

FP01

Galvanised Roll Grooved Ductile Iron Flange Adaptors





Roll Groove x Table D & E					
Size NB	**Size (inch)**	**Part No.**	**Length (L) (mm)**	**Style**	**Price $**
50	2	FWG-FA-60DE	100	Table D/E	38.08
65	2½	FWG-FA-76DE	60	Table D/E	52.81
80	3	FWG-FA-88DE	60	Table D/E	54.21
100	4	FWG-FA-114D	60	Table D	73.76
100	4	FWG-FA-114E	60	Table E	75.05
150	6	FWG-FA-165E	65	Table E	119.53
200	8	FWG-FA-219E	85	Table E	205.70

Price Group: FE

CG01

L

Pipe Supports - Roll Grooved



Pipe Stand Flange



V-Head Pipe Support

Application:	Suits 40 NB and 50 NB pipe support U-Bolt not included

Size NB	**Size (inch)**	**Part No.**	**Price $**
	V-Head Pipe Support		
-	Z/P to suit up to 4" pipe	FWG-429-PS	44.15
	Galvanised Steel Pipe Stand Flange		
50	2	FWG-PSF-60	102.13
65	2½	FWG-PSF-76	121.79
100	4	FWG-PSF-114	155.97

Price Group: FE

CG05
HP01

Painted 90° Roll Grooved Elbows

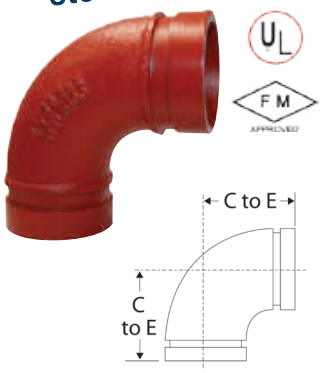
Markings:	CPS Style 100
Compatibility:	Interchangeable with Fig 10
Approvals:	UL, FM
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	Centre to End (mm)	WP		Approvals		Price $
				PSI	MPa	UL	FM	
32	1¼	FWP-10-42	70	500	3.5	✓	✓	7.74
50	2	FWP-10-60	83	500	3.5	✓	✓	15.01
65	2½	FWP-10-76	95	500	3.5	✓	✓	21.29
80	3	FWP-10-88	108	500	3.5	✓	✓	23.63
100	4	FWP-10-114	127	500	3.5	✓	✓	33.36
150	6	FWP-10-165	165	500	3.5	×	×	98.24
150	6	FWP-10-165-SR	165	500	3.5	×	×	58.74

Price Group: SD

CG06

Available while stocks last!

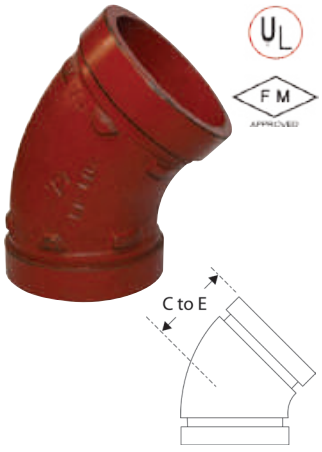


Painted 45° Roll Grooved Elbows

Markings:	CPS Style 101
Compatibility:	Interchangeable with Fig 11
Approvals:	UL, FM
Material:	Ductile Iron to ASTM-A536

Size NB	Size (inch)	Part No.	Centre to End (mm)	WP		Approvals		Price $
				PSI	MPa	UL	FM	
32	1¼	FWP-11-42	44.5	500	3.5	✓	✓	11.21
40	1½	FWP-11-48	44.5	500	3.5	✓	✓	12.96
50	2	FWP-11-60	51	500	3.5	✓	✓	12.23
65	2½	FWP-11-76	57	500	3.5	×	×	23.72
80	3	FWP-11-88	64	500	3.5	✓	✓	36.49
100	4	FWP-11-114	76	500	3.5	✓	✓	63.64
200	8	FWP-11-219	108	500	3.5	✓	✓	285.80

Price Group: SD



Painted Roll Grooved Equal Tees

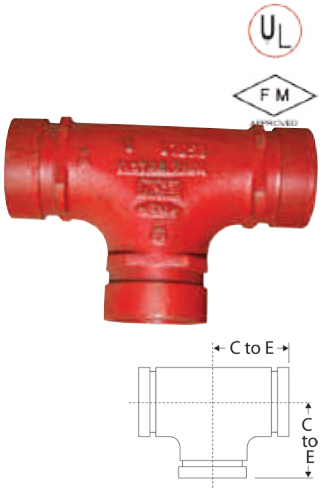
CG06

Markings:	CPS Style 110
Compatibility:	Interchangeable with Fig 20
Approvals:	UL, FM
Material:	Ductile Iron to ASTM-A536

Size NB	Size (nch)	Part No.	Centre to End (mm)	WP		Approvals		Price $
				PSI	MPa	UL	FM	
32	1¼	FWP-20-42	70	500	3.5	✓	✓	10.91
40	1½	FWP-20-48	70	500	3.5	✓	✓	20.23
50	2	FWP-20-60	83	500	3.5	✓	✓	25.26
65	2½	FWP-20-76	95	500	3.5	×	×	27.79
80	3	FWP-20-88	108	500	3.5	✓	✓	39.30
100	4	FWP-20-114	127	500	3.5	✓	✓	47.71
150	6	FWP-20-165	165	500	3.5	×	×	201.11

Price Group: SD

CG06



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Specifications - Petro® Protective Coatings



Surface Preparation:	Remove all contaminants such as dirt, oil, scale and excessive moisture. Remove all loose rust, paint and other residue by hand or power tool in accordance with AS 1627-1977 or AS 1627, part 2 - 1975. All surfaces should be coated with Petro Primer Paste to fill any hollow or surface irregularity and to ensure good contact of the tape.
Application:	**Petro Mastic** - to guard against voids and pockets during wrapping, Petro Mastic should be used to contour complex shapes such as valves and flanges. **Petro 40 Tape** - should be spirally wrapped using a 15 mm overlap. However for buried applications, 55% should be used to ensure a double layer. When a pipe is vertical, wrapping should begin at the bottom. When applying the tape, all overlaps should be smoothed by hand. A 50 mm roll to roll overlap should be used when starting a new roll. **Petro 250 Overwrap Tape** - where mechanical protection is required, Petro 250 Overwrap Tape should be employed using a 15 mm overlap. In severe underground conditions, a 55% overwrap should be considered. Consult Dixon™ for details and recommendations.
Design:	Petro Petrolatum Coating Systems were developed for the protection of metal surfaces in the most severe environments. They are designed to be applied over wire brushed surfaces in exposed, underground and underwater applications.

Petro® Protective Coatings for Pipes & Fittings

Pipe Diameter (NB - Inch)	Petro® Primer Paste (kg)	Petro® 40 - 55% Overlap		Petro® 40 - min Overlap		Petro® 250 - Overlap	
		Rolls	Width (mm)	Rolls	Width (mm)	Rolls	Width (mm)
¾	1.7	40	50	37	50	14	50
1	2.1	50	50	31	50	17	50
1¼	2.7	42	75	39	50	21	50
1½	3.0	47	75	44	50	24	50
2	3.8	59	75	54	50	30	50
3	5.6	65	100	48	75	22	100
4	7.2	84	100	44	100	29	100
6	10.6	83	150	44	150	28	150
8	13.8	107	150	58	150	36	150
10	17.2	98	200	72	150	44	150
12	20.4	117	200	61	200	52	150
14	22.4	131	200	67	200	58	150
16	25.5	149	200	75	200	67	150
18	28.7	168	200	86	200	75	150
20	31.9	187	200	95	200	83	150
24	38.0	224	200	114	200	100	150
26	41.4	242	200	123	200	108	150
28	44.6	261	200	132	200	116	150
30	47.8	280	200	141	200	124	150
36	57.4	336	200	169	200	149	150

L

Petro Tape



Tape Width (mm)	Petro 40 Petrolatum Tape			Petro 250 Overwrap Tape	
	Pipe Diameter (NB - inch)	Part No.	Price $	Part No.	Price $
50	1 - 3	FPT-PT-050	32.95	FPT-PO-050	34.52
75	3 - 4	FPT-PT-075	55.82	-	---
100	4 - 8	FPT-PT-100	68.38	FPT-PO-100	130.61
150	10 - 12	FPT-PT-150	132.58	FPT-PO-150	216.65

Price Group: SD
AE06

Pipe Wrapping - Recommended Tape Widths

Part No.	Description	Price $
FPT-PP-1	Petro Primer Paste 1 kg	POR
FPT-PP-4	Petro Primer Paste 4 kg	208.57
FPT-PM-3	Petro Mastic 3 kg	113.14

Price Group: SD
AE06

Bolted Couplings - Shouldered

minsup

Application:	For joining of shouldered end pipe in mining and construction industries.
Material:	SG iron to AS 1831 400-250-12. Bolts & Nuts: Metric, grade 8.8 for 2" to 10" & 4.6 for 12" & larger to AS 1112. Standard gasket is Buna-N. EPDM is available on request.
Standards:	* Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 3:1



Size (inch)	Nominal Bore (mm)	Part No.	Pipe OD (mm)	WP*		Nut & Bolt Size (mm)	No. per Clamp	Weight (kg)	Maximum Tightening Torque (Nm)	Price $
				PSI	MPa					
2	50	08/048/20/000	60.3	754	5.2	M12x65	2	1.4	30	32.89
3	80	08/048/20/002	88.9	754	5.2	M12x75	2	1.8	30	43.64
4	100	08/048/20/003	114.3	754	5.2	M12x90	2	2.4	30	50.51
6	150	08/048/20/005	165.1	580	4.0	M16x120	2	4.0	73	93.31
8	200	08/048/20/006	219.1	580	4.0	M20x150	2	7.2	143	168.81
10	250	08/048/20/007	273.1	261	1.8	M20x150	2	9.5	143	286.81
12	300	08/048/20/008	323.9	261	1.8	M20x150	2	11.5	143	380.05
14	350	08/048/20/020	355.6	232	1.6	M24x150	2	15.0	248	473.31
16	400	08/048/20/021	406.4	232	1.6	M24x150	4	22.5	248	663.52
18	450	08/048/20/022	457.0	232	1.6	M24x150	4	22.0	248	638.20
20	500	08/048/20/023	508.0	232	1.6	M24x150	4	25.0	248	859.29
24	600	08/048/20/024	609.6	232	1.6	M24x150	4	28.0	248	651.59

All dimensions and weights are approximate.

Price Group: MS
AE01

Quick Release Shouldered Couplings

Application:	Quick release couplings offer substantial cost savings in reducing down time and facilitating fast assembly and disassembly of temporary pipe lines.
Design:	No bolts and nuts to be lost, or threads to be damaged. No tools required. Improved lever and hinge design significantly reduces opening and closing effort. Internal mating tongue and groove feature prevents seal pinching during closure.
Material:	Housing: SG Iron - ISO 1083, 1987: 400 250-15 SGI Lever: SG Iron - ISO 1083, 1987: 400 250-15 SGI Side Plates: 4" & 6" - SG Iron - ISO 1083, 1987: 400 250-15 SGI Other sizes are pressed mild steel. Gasket: Buna-N (EPDM available on request) Finish: Zinc Plated
Standards:	* Working pressure (capacity) as tested to AWWA C606 requirements. Safety factor of 2:1



Size (inch)	Nominal Bore (mm)	Part No.	Pipe OD (mm)	WP*		Weight (kg)	Price $
				PSI	MPa		
2	50	08/048/19/000G	60.3	348	2.4	1.4	55.59
3	80	08/048/19/002G	88.9	348	2.4	1.8	80.29
4	100	08/048/19/003G	114.3	348	2.4	2.4	72.88
6	150	08/048/19/005G	165.1	348	2.4	4.0	95.42
8	200	08/048/19/006G	219.1	348	2.4	7.2	166.75

All dimensions and weights are approximate.

Price Group: MS
AE01

Couplings are not recommended for use with air.

L

Stainless Steel Shouldered Quick Release Couplings

minsup



Design:	Made to fit standard pipe as per the ductile clamps. Seals are standard Minsup™ range.
Material:	Cast components: CF8M Machined components: 316SS Locking pin: Zinc plated carbon steel (standard)

Size (inch)	Nominal Bore (mm)	Part No.	Pipe OD (mm)	WP*		Weight (kg)	Price $
				PSI	MPa		
2	50	08/048/19/000SS	60.3	300	2.1	1.5	207.57
4	100	08/048/19/003SS	114.3	300	2.1	2.5	333.48
6	150	08/048/19/005SS	165.1	200	1.4	4.1	462.74

All dimensions and weights are approximate.

Price Group: SD

AE01

Seals for Shouldered Couplings

minsup



Size (mm)	Size (inch)	Part No.	Price $
BUNA N			
50	2	05/048/22/000	5.19
80	3	05/048/22/002	11.79
100	4	05/048/22/003	14.25
150	6	05/048/22/005	22.78
200	8	05/048/22/006	43.28
250	10	05/048/22/007	88.85
300	12	05/048/22/008	94.55
350	14	05/048/22/009	136.70
400	16	05/048/22/020	157.20
450	18	05/048/22/021	169.73
500	20	05/048/22/022	387.08
600	24	05/048/22/024	403.68
EPDM			
150	6	05/048/22/005E	10.00
200	8	05/048/22/006E	30.00

Price Group: SD

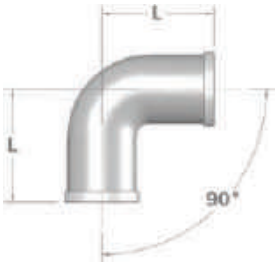
AZ05

L

90° Shouldered Elbows

minsup

Application:	• Air • Water
Features:	• For use with shouldered end pipe and couplings in mining and construction industries. Galvanised for corrosion protection - Long Series
Material:	Mild Steel Galvanised to AS4792:2006



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/01/000T	152	750	5.1	33.21
80	3	08/048/01/002T	203	750	5.1	88.07
100	4	08/048/01/003T	229	750	5.1	133.07
150	6	08/048/01/005T	273	580	4.0	348.58
200	8	08/048/01/006T	305	580	4.0	638.46

Price Group: SD
AE02

45° Shouldered Elbows



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/02/000T	78	750	5.1	72.80
80	3	08/048/02/002T	109	750	5.1	283.43
100	4	08/048/02/003T	135	750	5.1	165.88
150	6	08/048/02/005T	173	580	4.0	262.18
200	8	08/048/02/006T	235	580	4.0	682.62

Price Group: SD
AE02

90° Shouldered Bends



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/31/000	222	750	5.1	214.81
80	3	08/048/31/002	305	750	5.1	459.45
100	4	08/048/31/003	425	750	5.1	590.72
150	6	08/048/31/005	610	580	4.0	1008.63
200	8	08/048/31/006	-	580	4.0	2905.88

Price Group: SD
AE02

45° Shouldered Bends



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/34/000T	187	750	5.1	210.04
80	3	08/048/34/002T	260	750	5.1	458.26
100	4	08/048/34/003T	365	750	5.1	471.39
150	6	08/048/34/005T	521	580	4.0	1235.14
200	8	08/048/34/006T	778	580	4.0	2362.89

Price Group: SD
AE02

Shouldered Setting Pieces



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/16/000	76.2	750	5.1	69.22
80	3	08/048/16/002	76.2	750	5.1	105.02
100	4	08/048/16/003	88.9	750	5.1	121.13
150	6	08/048/16/005	101.6	580	4.0	126.29
200	8	08/048/16/006	-	580	4.0	453.49

Price Group: SD
AE02

Shouldered Equal Tees

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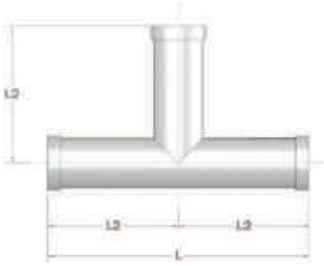


Size NB	Size (inch)	Part No.	L (mm)	L2 (mm)	WP		Price $
					PSI	MPa	
50	2	08/048/05/000T	304	152	750	5.1	139.63
80	3	08/048/05/002T	406	203	750	5.1	213.62
100	4	08/048/05/003T	458	229	750	5.1	260.76
150	6	08/048/05/005T	508	254	580	4.0	403.25
200	8	08/048/05/006T	610	305	580	4.0	590.90

Price Group: SD
AE02

Shouldered Offset Tee Equal



Size NB	Size (inch)	Part No.	L (mm)	L2 (mm)	WP		Price $
					PSI	MPa	
50	2	08/048/09/000T	304	215	750	5.1	220.14
80	3	08/048/09/002T	406	275	750	5.1	322.40
100	4	08/048/09/003T	458	299	750	5.1	411.31
150	6	08/048/09/005T	508	394	580	4.0	370.76
200	8	08/048/09/006T	400	200	580	4.0	1262.88

Price Group: SD
AE02

Shouldered Flanged Adaptors



Size NB	Size (inch)	Part No.	L (mm)	Flange	WP		Price $
					PSI	MPa	
50	2	08/048/11/000T	318	Table D	750	5.1	163.49
80	3	08/048/11/042T	423	Table D	750	5.1	163.49
100	4	08/048/11/043T	470	Table D	750	5.1	353.18
150	6	08/048/11/045T	507	Table E	580	4.0	566.86
200	8	08/048/11/046T	605	Table E	580	4.0	733.93
Short Series							
80	3	08/048/11/042	100	Table E	750	5.1	156.42
100	4	08/048/11/043	100	Table E	750	5.1	266.49
150	6	08/048/11/045	100	Table E	580	4.0	498.21

Price Group: SD
AE02

L

Shouldered Screwed Adaptors



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
50	2	08/048/10/000T	318	750	5.1	82.34
80	3	08/048/10/002T	423	750	5.1	113.01
100	4	08/048/10/003T	470	750	5.1	157.53
150	6	08/048/10/005T	507	580	4.0	298.35
200	8	08/048/10/006T	605	580	4.0	431.84
Short Series						
50	2	08/048/10/000	150	750	5.1	82.34
80	3	08/048/10/002	150	750	5.1	99.00
100	4	08/048/10/003	150	750	5.1	151.56
150	6	08/048/10/005	150	580	4.0	298.35

Price Group: SD
AE02

Reducing Shouldered Adaptors x BSP



Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
100 x 50	4 x 2	08/048/13/002	279	750	5.1	201.68
100 x 80	4 x 3	08/048/13/011	279	750	5.1	226.74
150 x 100	6 x 4	08/048/13/016	355	580	4.0	436.50

Price Group: SD
AE02

Shouldered Concentric Reducers

minsup

Size NB	Size (inch)	Part No.	L (mm)	WP		Price $
				PSI	MPa	
80 x 50	3 x 2	08/048/14/001T	203	750	5.1	113.37
100 x 50	4 x 2	08/048/14/002T	229	750	5.1	137.24
150 x 50	6 x 2	08/048/14/004T	305	580	4.0	420.01
100 x 80	4 x 3	08/048/14/011T	229	750	5.1	145.01
150 x 80	6 x 3	08/048/14/013T	305	580	4.0	328.18
150 x 100	6 x 4	08/048/14/016T	305	580	4.0	270.99

Price Group: SD
AE02



Shouldered Y-Pieces

Size NB	Size (inch)	Part No.	L (mm)	L2 (mm)	WP		Price $
					PSI	MPa	
50	2	08/048/32/000T	165	89	750	5.1	149.17
80	3	08/048/32/002T	229	127	750	5.1	344.42
100	4	08/048/32/003T	279	127	750	5.1	399.78
150	6	08/048/32/005T	330	152	580	4.0	645.51

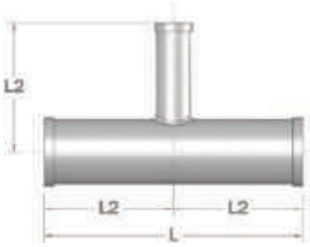
Price Group: SD
AE02



Shouldered Reducing Tees

Size NB	Size (inch)	Part No.	L (mm)	L2 (mm)	WP		Price $
					PSI	MPa	
50 x 80	3 X 2	08/048/08/001	406	203	750	5.1	198.10
100 x 50	4 X 2	08/048/08/003	458	229	750	5.1	344.89
150 x 50	6 X 2	08/048/08/010	508	254	580	4.0	602.57

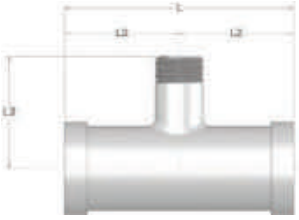
Price Group: SD
AE02



Reducing Tee Shouldered x BSP Male

Size NB	Size (inch)	Thread BSP	Part No.	L (mm)	L2 (mm)	WP		Price $
						PSI	MPa	
50 x 25	2 x 1	1"	08/048/07/000	304	152	750	5.1	568.05
100 x 50	4 x 2	2"	08/048/07/008	458	229	750	5.1	568.05

Price Group: SD
AE02



Shouldered Blank Ends

minsup

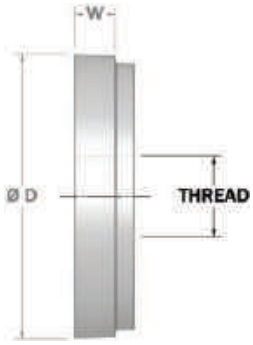


Size NB	Size (inch)	Part No.	ØD (mm)	W (mm)	WP		Price $
					PSI	MPa	
50	2	08/048/03/000	66.5	16.0	750	5.1	30.57
80	3	08/048/03/002	97.0	16.0	750	5.1	55.02
100	4	08/048/03/003	122.0	17.5	580	4.0	59.71
150	6	08/048/03/005	174.5	17.5	750	5.1	79.50
200	8	08/048/03/006	232.0	20.5	580	4.0	278.07

Price Group: SD

AE01

Shouldered Blank Ends with Female BSP Outlet



Size NB	Thread BSP (inch)	Part No.	ØD (mm)	W (mm)	WP		Price $
					PSI	MPa	
50	1	08/048/04/000	66.5	16.0	750	5.1	46.25
80	1	08/048/04/003	97.0	16.0	750	5.1	63.98
100	1	08/048/04/006	122.0	17.5	750	5.1	74.36
150	1	08/048/04/015	174.5	17.5	580	4.0	103.94
80	2	08/048/04/004	97.0	16.0	750	5.1	82.07
100	2	08/048/04/007	122.0	17.5	750	5.1	75.47
150	2	08/048/04/016	174.5	17.5	580	4.0	94.18
100	3	08/048/04/009	122.0	17.5	750	5.1	128.89
150	3	08/048/04/018	174.5	17.5	580	4.0	158.35

Price Group: SD

AE01

Shoulder Rings



Size NB	Part No.	Pipe OD (mm)	ØD (mm)	W (mm)	Price $
50	08/048/18/000	60.3	66.5	16.0	7.88
80	08/048/18/002	88.9	97.0	16.0	7.10
100	08/048/18/003	114.3	122.0	17.5	8.65
150	08/048/18/005	165.1	174.5	17.5	12.54
150 USA	08/048/18/658	168.3	178.0	17.5	21.38
200	08/048/18/006	219.1	232.0	20.5	23.87
Split					
250	08/048/18/007	273.0	286.0	20.5	73.99
300	08/048/18/008	323.9	336.5	20.5	76.38
350	08/048/18/009	355.6	368.5	24.0	120.38
400	08/048/18/010	406.4	419.0	25.5	227.78
450	08/048/18/021	457.0	470.0	25.5	250.29
500	08/048/18/023	508.0	520.5	25.5	256.58
600	08/048/18/024	610.0	622.5	25.5	274.48

Price Group: SD

AE02

Rubber Flange Gaskets - AS2129

NB (mm)	Table D		Table E	
	Part No.	Price $	Part No.	Price $
25	---	---	GAS-FF-25E	4.36
32	---	---	GAS-FF-32E	3.37
40	---	---	GAS-FF-40E	5.11
50	---	---	GAS-FF-50E	5.98
65	---	---	GAS-FF-65E	9.62
80	---	---	GAS-FF-80E	9.03
100	GAS-FF-100D	6.08	GAS-FF-100E	5.67
125	---	---	GAS-FF-125E	19.43
150	GAS-FF-150D	15.12	GAS-FF-150E	9.25
200	GAS-FF-200D	24.48	GAS-FF-200E	14.32
250	---	---	GAS-FF-250E	28.38
300	---	---	GAS-FF-300E	35.70



Price Group: SD
GA01

Non Asbestos Flange Gaskets (full face) AS2129

Application:	Air, water, gas and some chemicals. Contact Dixon™ for specific data.
Design:	An all purpose flange gasket manufactured from Aramid fibres bound with Nitrile Butadiene Rubber (NBR)
Pressure Rating:	Working Pressure 1600 PSI (11 MPa)
Temperature Rating:	Maximum 400°C
Standards:	Complies with ASTM F712230-M5 and DIN3535 parts 4 and 6

NB (mm)	Table D		Table E		Table H	
	Part No.	Price $	Part No.	Price $	Part No.	Price $
50	---	---	GAS-NA-FF-50E	29.17	---	---
80	---	---	GAS-NA-FF-80E	37.29	---	---
100	GAS-NA-FF-100D	50.75	GAS-NA-FF-100E	28.14	---	---
150	---	---	GAS-NA-FF-150E	39.55	GAS-NA-FF-150H	76.92
200	---	---	GAS-NA-FF-200E	99.10	---	---

Price Group: SD
GA01

Neoprene Flange Gaskets (full face) AS2129

Application:	Fire-proof hydraulic liquids, lubricating oils, fuel oils, hydraulic oils, petrol (ULP), kerosene, water (under 80°C), alcohols, diluted acids, alkalies, gases, vegetable oils, animal fats, aliphatic hydrocarbons.
Design:	Black neoprene 3.2mm thick Flame, ozone and sunlight resistant

NB (mm)	Table E	
	Part No.	Price $
50	GAS-NEO-FF-50E	12.37

Price Group: SD
GA02

Other flange tables and gaskets available on request - refer to page 643-645 for flange information.

Screwed Pipe Fittings Specifications

Malleable Iron	
Application:	General low pressure air & water.
Body Material:	ISO 5922 Malleable Cast Iron
Design Standards:	Generally in accordance with AS3673. Slight variations may occur where manufacturer's dimensions are used.
Thread Standard:	ISO 7-1 - Pipe threads where pressure-tight joints are made on the threads
Plating Standard:	ISO 1461 - Hot dip galvanised coatings on fabricated iron and steel articles
Working Pressure:	150 PSI

Stainless Steel	
Application:	For use in low pressure applications, suitable for use in harsh environments such chemical applications, corrosive environments as well as standard air and water applications.
Body Material:	CF8M (316) manufactured to ASTM A351
Design Standard:	Class 150lb
Thread Standard:	ISO 7-1 - Pipe threads where pressure-tight joints are made on the threads
Plating Standard:	Not applicable
Working Pressure:	300 PSI

90° Screwed Elbows

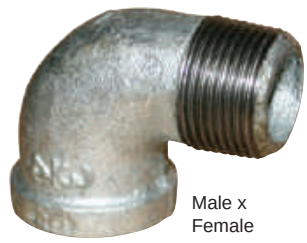


Female x Female

Thread Size BSP (inch)	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
⅛	---	---	SS16EL006	4.40
¼	FMG-EFF-8	2.41	---	---
⅜	FMG-EFF-10	2.09	SS16EL010	6.46
½	FMG-EFF-15	2.44	SS16EL015	8.08
¾	FMG-EFF-20	3.82	SS16EL020	10.60
1	FMG-EFF-25	4.88	SS16EL025	17.86
1¼	FMG-EFF-32	7.10	SS16EL032	26.87
1½	FMG-EFF-40	9.90	SS16EL040	35.93
2	FMG-EFF-50	13.27	SS16EL050	72.39
2½	FMG-EFF-65	22.18	SS16EL065	124.56
3	FMG-EFF-80	36.79	SS16EL080	178.48
4	FMG-EFF-100	81.32	SS16EL100	272.94
		Price Group: SD GM01		**Price Group: SD** AW01

L

90° Screwed Elbows



Male x Female

Thread Size BSP (inch)	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
⅛	---	--	SS16ELMF006	6.42
¼	FMG-EMF-8	2.45	SS16ELMF008	4.91
⅜	FMG-EMF-10	3.11	SS16ELMF010	6.59
½	FMG-EMF-15	3.04	SS16ELMF015	8.60
¾	FMG-EMF-20	4.98	SS16ELMF020	11.55
1	FMG-EMF-25	5.06	SS16ELMF025	18.20
1¼	FMG-EMF-32	9.46	SS16ELMF032	29.06
1½	FMG-EMF-40	13.91	SS16ELMF040	38.98
2	FMG-EMF-50	15.62	SS16ELMF050	69.07
2½	FMG-EMF-65	54.96	SS16ELMF065	148.40
3	FMG-EMF-80	61.47	SS16ELMF080	185.62
4	FMG-EMF-100	84.41	SS16ELMF100	283.32
		Price Group: SD GM01		**Price Group: SD** AW01

90° Reducing Screwed Elbows

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
¾ x ½	FMG-EFF-20-15	4.41
1 x ⅜	FMG-EFF-25-10	7.63
1 x ½	FMG-EFF-25-15	2.07
1 x ¾	FMG-EFF-25-20	7.20
1¼ x ⅜	FMG-EFF-32-10	6.84
1¼ x ½	FMG-EFF-32-15	6.84
1¼ x ¾	FMG-EFF-32-20	6.84
1¼ x 1	FMG-EFF-32-25	8.73
1½ x ½	FMG-EFF-40-15	8.55
1½ x ¾	FMG-EFF-40-20	8.55
1½ x 1	FMG-EFF-40-25	8.55
1½ x 1¼	FMG-EFF-40-32	8.55
2 x ½	FMG-EFF-50-15	13.24
2 x ¾	FMG-EFF-50-20	13.24
2 x 1	FMG-EFF-50-25	13.24
2 x 1¼	FMG-EFF-50-32	15.68
2 x 1½	FMG-EFF-50-40	13.24



Female x Female

Price Group: SD

GM01

90° Screwed Bends

Thread Size BSP (inch)	Galvanised Malleable			
	Male x Female		Female x Female	
	Part No.	Price $	Part No.	Price $
¼	-	-	FMG-BFF-8	POR
⅜	-	-	FMG-BFF-10	POR
½	FMG-BMF-15	5.61	FMG-BFF-15	5.25
¾	FMG-BMF-20	5.81	FMG-BFF-20	6.69
1	FMG-BMF-25	10.08	FMG-BFF-25	11.71
1¼	FMG-BMF-32	15.00	FMG-BFF-32	17.31
1½	FMG-BMF-40	18.95	FMG-BFF-40	17.88
2	FMG-BMF-50	29.06	FMG-BFF-50	27.40
2½	FMG-BMF-65	61.60	FMG-BFF-65	58.13
3	FMG-BMF-80	92.13	FMG-BFF-80	106.27
4	FMG-BMF-100	205.44	FMG-BFF-100	193.80



Male x Female



Female x Female

Price Group: SD

GM01

45° Screwed Elbows

Thread Size BSP (inch)	Galvanised Malleable			
	Male x Female		Female x Female	
	Part No.	Price $	Part No.	Price $
½	FMG-EMF45-15	4.32	FMG-EFF45-15	2.45
¾	FMG-EMF45-20	8.38	FMG-EFF45-20	5.11
1	FMG-EMF45-25	8.62	FMG-EFF45-25	5.34
1¼	FMG-EMF45-32	16.36	FMG-EFF45-32	6.84
1½	FMG-EMF45-40	14.41	FMG-EFF45-40	10.44
2	FMG-EMF45-50	25.90	FMG-EFF45-50	20.98
2½	FMG-EMF45-65	POR	FMG-EFF45-65	22.18
3	FMG-EMF45-80	POR	FMG-EFF45-80	60.72
4	FMG-EMF45-100	143.29	FMG-EFF45-100	107.32



Male x Female



Female x Female

Price Group: SD

GM01

L

FOR TECHNICAL, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 472

Screwed Equal Tees



Female

Thread Size BSP (inch)	Galvanised Malleable		SS 316	
	Part No.	Price $	Part No.	Price $
⅛	---	---	SS16T006	5.86
¼	FMG-TEE-8	4.09	SS16T008	7.62
⅜	FMG-TEE-10	4.84	---	---
½	FMG-TEE-15	3.38	SS16T015	10.28
¾	FMG-TEE-20	5.53	SS16T020	14.43
1	FMG-TEE-25	6.93	SS16T025	25.92
1¼	FMG-TEE-32	12.54	SS16T032	43.96
1½	FMG-TEE-40	14.06	SS16T040	48.85
2	FMG-TEE-50	20.51	SS16T050	87.49
2½	FMG-TEE-65	35.16	SS16T065	164.33
3	FMG-TEE-80	57.56	SS16T080	258.90
4	FMG-TEE-100	117.66	SS16T100	390.30
		Price Group: SD		**Price Group: SD**
		GM01		AW01

Screwed Reducing Tees



Female

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
½ x ⅜	FMG-TEE-15-10	2.93
¾ x ⅜	FMG-TEE-20-10	4.96
¾ x ½	FMG-TEE-20-15	6.73
1 x ⅜	FMG-TEE-25-10	8.87
1 x ½	FMG-TEE-25-15	3.65
1 x ¾	FMG-TEE-25-20	6.62
1¼ x ½	FMG-TEE-32-15	11.61
1¼ x ¾	FMG-TEE-32-20	9.87
1¼ x 1	FMG-TEE-32-25	12.82
1½ x ½	FMG-TEE-40-15	14.63
1½ x ¾	FMG-TEE-40-20	14.63
1½ x 1	FMG-TEE-40-25	12.09
1½ x 1¼	FMG-TEE-40-32	14.63
2 x ½	FMG-TEE-50-15	29.42
2 x ¾	FMG-TEE-50-20	24.48
2 x 1	FMG-TEE-50-25	19.37
2 x 1¼	FMG-TEE-50-32	13.51
2 x 1½	FMG-TEE-50-40	22.93
2½ x 1	FMG-TEE-65-25	42.51
2½ x 1¼	FMG-TEE-65-32	POR
2½ x 1½	FMG-TEE-65-40	55.52
3 x 1½	FMG-TEE-80-40	94.75
3 x 2	FMG-TEE-80-50	76.13
4 x 2½	FMG-TEE-100-65	150.69
		Price Group: SD
		GM01

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Screwed Reducing Tees - Special

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
1 x 1 x 1¼	FMG-TEE-25-25-32	11.12
1 x 1 x 1½	FMG-TEE-25-25-40	15.12
1 x 1 x 2	FMG-TEE-25-25-50	9.16
1¼ x 1 x ½	FMG-TEE-32-25-15	12.06
1¼ x 1 x 1	FMG-TEE-32-25-25	26.17
1¼ x 1 x 1¼	FMG-TEE-32-25-32	12.06
1¼ x 1¼ x 1½	FMG-TEE-32-32-40	7.89
1¼ x 1¼ x 2	FMG-TEE-32-32-50	26.45
1½ x 1¼ x 1	FMG-TEE-40-32-25	14.63
1½ x 1¼ x 1¼	FMG-TEE-40-32-32	14.63
2 x 1½ x 1	FMG-TEE-50-40-25	22.93
2 x 1½ x 1¼	FMG-TEE-50-40-32	22.93
2 x 1½ x 1½	FMG-TEE-50-40-40	22.93
2 x 2 x 2½	FMG-TEE-50-50-65	42.51

Price Group: SD

GM01



Female

L

FOR TECHNICAL, APPLICATION AND MATERIAL GUIDELINES PLEASE REFER TO PAGE 472

Screwed Hex Nipples



Thread Size BSP (inch)	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
⅛	---	---	SS16HN006	4.87
¼	FMG-HN-8	1.83	SS16HN008	5.08
⅜	FMG-HN-10	1.59	SS16HN010	4.59
½	FMG-HN-15	2.10	SS16HN015	6.14
¾	FMG-HN-20	2.89	SS16HN020	8.59
1	FMG-HN-25	3.55	SS16HN025	14.92
1¼	FMG-HN-32	6.07	SS16HN032	20.32
1½	FMG-HN-40	7.93	SS16HN040	24.42
2	FMG-HN-50	10.43	SS16HN050	38.55
2½	FMG-HN-65	12.71	SS16HN065	75.96
3	FMG-HN-80	33.58	SS16HN080	105.56
4	FMG-HN-100	48.19	SS16HN100	156.32
		Price Group: SD		**Price Group: SD**
		GM01		AW01

Screwed Reducing Hex Nipples



Thread Size BSP (inch)	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
¼ x ⅛	FMG-HN-8-6	3.26	SS16N00806	3.91
⅜ x ⅛	FMG-HN-10-6	3.12	---	---
⅜ x ¼	FMG-HN-10-8	2.46	---	---
½ x ⅛	FMG-HN-15-6	2.82	---	---
½ x ¼	FMG-HN-15-8	2.47	SS16N01508	10.70
½ x ⅜	FMG-HN-15-10	2.70	SS16N01510	7.05
¾ x ¼	FMG-HN-20-8	4.37	---	---
¾ x ⅜	FMG-HN-20-10	4.11	---	---
¾ x ½	FMG-HN-20-15	3.34	SS16N02015	9.53
1 x ½	FMG-HN-25-15	4.90	SS16N02515	14.68
1 x ¾	FMG-HN-25-20	8.60	SS16N02520	14.71
1¼ x ½	FMG-HN-32-15	9.08	---	---
1¼ x ¾	FMG-HN-32-20	7.13	---	---
1¼ x 1	FMG-HN-32-25	9.57	SS16N03225	22.67
1½ x ½	FMG-HN-40-15	11.41	---	---
1½ x ¾	FMG-HN-40-20	10.04	---	---
1½ x 1	FMG-HN-40-25	9.62	SS16N04025	27.90
1½ x 1¼	FMG-HN-40-32	8.88	SS16N04032	26.55
2 x 1	FMG-HN-50-25	12.50	SS16N05025	38.59
2 x 1¼	FMG-HN-50-32	15.13	SS16N05032	39.27
2 x 1½	FMG-HN-50-40	14.18	SS16N05040	39.31
2½ x 2	FMG-HN-65-50	33.65	SS16N06550	86.95
3 x 2	FMG-HN-80-50	41.87	SS16N08050	102.58
3 x 2½	FMG-HN-80-65	59.16	SS16N08065	102.58
4 x 1½	---	---	SS16N10040	209.29
4 x 2	FMG-HN-100-50	97.47	SS16N10050	238.08
4 x 2½	FMG-HN-100-65	81.68	---	---
4 x 3	FMG-HN-100-80	81.59	SS16N10080	214.93
		Price Group: SD		**Price Group: SD**
		GM01		AW01

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Screwed Sockets

Thread Size BSP (inch)	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
⅛	-	-	SS16S006	5.45
¼	FMG-SOC-8	2.24	SS16S008	4.25
⅜	FMG-SOC-10	2.09	SS16S010	5.37
½	FMG-SOC-15	2.10	SS16S015	6.89
¾	FMG-SOC-20	3.07	SS16S020	10.04
1	FMG-SOC-25	4.08	SS16S025	16.42
1¼	FMG-SOC-32	5.57	SS16S032	25.65
1½	FMG-SOC-40	7.03	SS16S040	27.84
2	FMG-SOC-50	10.68	SS16S050	42.01
2½	FMG-SOC-65	16.67	SS16S065	91.84
3	FMG-SOC-80	35.41	SS16S080	107.47
4	FMG-SOC-100	56.01	SS16S100	287.96

Price Group: SD GM01 **Price Group: SD** AW01



Screwed Reducing Sockets

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
⅜ x ⅛	FMG-SOC-10-6	1.12
⅜ x ¼	FMG-SOC-10-8	2.81
½ x ⅛	FMG-SOC-15-6	1.12
½ x ¼	FMG-SOC-15-8	1.91
½ x ⅜	FMG-SOC-15-10	2.93
¾ x ⅜	FMG-SOC-20-10	2.69
¾ x ½	FMG-SOC-20-15	3.20
1 x ⅜	FMG-SOC-25-10	5.78
1 x ½	FMG-SOC-25-15	4.37
1 x ¾	FMG-SOC-25-20	5.23
1¼ x ⅜	FMG-SOC-32-10	4.06
1¼ x ½	FMG-SOC-32-15	7.36
1¼ x ¾	FMG-SOC-32-20	7.90
1¼ x 1	FMG-SOC-32-25	6.96
1½ x ½	FMG-SOC-40-15	12.03
1½ x ¾	FMG-SOC-40-20	9.67
1½ x 1	FMG-SOC-40-25	6.37
1½ x 1¼	FMG-SOC-40-32	6.35
2 x ½	FMG-SOC-50-15	28.00
2 x ¾	FMG-SOC-50-20	12.36
2 x 1	FMG-SOC-50-25	10.49
2 x 1¼	FMG-SOC-50-32	12.47
2 x 1½	FMG-SOC-50-40	11.73
2½ x 1	FMG-SOC-65-25	19.46
2½ x 1½	FMG-SOC-65-40	18.07
2½ x 2	FMG-SOC-65-50	22.71
3 x 2	FMG-SOC-80-50	27.70
3 x 2½	FMG-SOC-80-65	40.32
4 x 2	FMG-SOC-100-50	73.68
4 x 2½	FMG-SOC-100-65	55.53
4 x 3	FMG-SOC-100-80	56.71

Price Group: SD
GM01



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Screwed Reducing Hex Bush



Thread Size BSP (inch) M x F	Male x Female			
	Galvanised Malleable		316 SS	
	Part No.	Price $	Part No.	Price $
¼ x ⅛	FMG-BUS-8-6	2.24	---	---
⅜ x ⅛	FMG-BUS-10-6	2.46	---	---
⅜ x ¼	FMG-BUS-10-8	2.46	SS16B1008	3.42
½ x ⅛	FMG-BUS-15-6	1.56	---	---
½ x ¼	FMG-BUS-15-8	2.07	---	---
½ x ⅜	FMG-BUS-15-10	1.77	SS16B1510	6.72
¾ x ¼	FMG-BUS-20-8	1.71	---	---
¾ x ⅜	FMG-BUS-20-10	1.71	---	---
¾ x ½	FMG-BUS-20-15	2.22	SS16B2015	8.65
1 x ¼	FMG-BUS-25-8	4.19	---	---
1 x ⅜	FMG-BUS-25-10	2.81	---	---
1 x ½	FMG-BUS-25-15	3.01	SS16B2515	13.74
1 x ¾	FMG-BUS-25-20	3.24	SS16B2520	15.41
1¼ x ½	FMG-BUS-32-15	4.30	---	---
1¼ x ¾	FMG-BUS-32-20	4.30	SS16B3220	20.48
1¼ x 1	FMG-BUS-32-25	4.37	SS16B3225	23.34
1½ x ½	FMG-BUS-40-15	7.15	---	---
1½ x ¾	FMG-BUS-40-20	5.57	---	---
1½ x 1	FMG-BUS-40-25	6.93	SS16B4025	30.66
1½ x 1¼	FMG-BUS-40-32	5.92	SS16B4032	27.61
2 x ½	FMG-BUS-50-15	11.48	---	---
2 x ¾	FMG-BUS-50-20	8.10	---	---
2 x 1	FMG-BUS-50-25	7.75	SS16B5025	47.65
2 x 1¼	FMG-BUS-50-32	8.85	SS16B5032	40.80
2 x 1½	FMG-BUS-50-40	9.44	SS16B5040	40.49
2½ x ½	FMG-BUS-65-15	6.44	---	---
2½ x 1	FMG-BUS-65-25	19.16	---	---
2½ x 1¼	FMG-BUS-65-32	15.02	SS16B6532	67.03
2½ x 1½	FMG-BUS-65-40	15.49	SS16B6540	67.03
2½ x 2	FMG-BUS-65-50	15.06	SS16B6550	87.02
3 x 1	FMG-BUS-80-25	34.93	---	---
3 x 1½	FMG-BUS-80-40	22.19	---	---
3 x 2	FMG-BUS-80-50	19.80	SS16B8050	108.00
3 x 2½	FMG-BUS-80-65	25.93	SS16B8065	114.78
4 x 2	FMG-BUS-100-50	41.86	---	---
4 x 2½	FMG-BUS-100-65	41.86	SS16B10065	203.11
4 x 3	FMG-BUS-100-80	41.90	SS16B10080	244.12
---6 x 3	FMG-BUS-150-80	114.21	---	---
6 x 4	FMG-BUS-150-100	114.21	---	---
		Price Group: SD GM01		**Price Group: SD** AW01

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Screwed Hex Plugs

Thread Size BSP (inch)	316 SS	
	Part No.	Price $
¼	SS16XP008	1.97
⅜	SS16XP010	3.55
½	SS16XP015	4.75
¾	SS16XP020	6.79
1	SS16XP025	9.28
1¼	SS16XP032	14.17
1½	SS16XP040	18.56
2	SS16XP050	80.15
2½	SS16XP065	129.86
3	SS16XP080	68.73
4	SS16XP100	240.58

Available while stocks last!



Price Group: SD

AW01

Screwed Socket Plugs

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
⅛	FMG-HP-6	1.25
¼	FMG-HP-8	1.50
⅜	FMG-HP-10	2.16
½	FMG-HP-15	1.59
¾	FMG-HP-20	2.28
1	FMG-HP-25	2.90
1¼	FMG-HP-32	4.23
1½	FMG-HP-40	6.03
2	FMG-HP-50	7.47
2½	FMG-HP-65	17.49
3	FMG-HP-80	19.36
4	FMG-HP-100	41.44



Price Group: SD

GM01

Screwed Offset Adaptors BSP

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
1 x 1¼	FMG-OAD-25-32	19.85
1 x 1¾	FMG-OAD-25-45	21.93
1 x 2¼	FMG-OAD-25-57	23.52
1 x 2¾	FMG-OAD-25-70	25.22



Price Group: SD

GM01

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Screwed Unions



Female x Female

Thread Size BSP (inch)	Galvanised Malleable		SS 316	
	Part No.	Price $	Part No.	Price $
⅜	-	-	SS16FU010	18.81
½	FMG-UBS-15	11.14	SS16FU015	17.12
¾	FMG-UBS-20	18.85	SS16FU020	25.45
1	FMG-UBS-25	19.81	SS16FU025	40.54
1¼	FMG-UBS-32	20.56	SS16FU032	65.95
1½	FMG-UBS-40	30.78	SS16FU040	72.49
2	FMG-UBS-50	43.12	SS16FU050	119.34
2½	FMG-UBS-65	98.77	SS16FU065	160.91
3	FMG-UBS-80	151.44	SS16FU080	375.16
4	FMG-UBS-100	293.97	SS16FU100	339.96
		Price Group: SD		**Price Group: SD**
		GM01		AW01

Screwed Flanges



Thread Size BSP (inch)	Galvanised Malleable - Drilled	
	Part No.	Price $
½	FMG-FD-15	7.91
¾	FMG-FD-20	11.40
1	FMG-FD-25	13.28
1¼	FMG-FD-32	14.88
1½	FMG-FD-40	17.03
2	FMG-FD-50	25.69
2½	FMG-FD-65	40.08
3	FMG-FD-80	61.93
4	FMG-FD-100	86.24
6	FMG-FD-150	154.95
	Price Group: SD	
	GM01	

Screwed Crosses



Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
½	FMG-CRO-15	8.91
¾	FMG-CRO-20	14.29
1	FMG-CRO-25	14.89
1¼	FMG-CRO-32	16.66
1½	FMG-CRO-40	31.79
2	FMG-CRO-50	26.44
2½	FMG-CRO-65	56.78
3	FMG-CRO-80	71.64
4	FMG-CRO-100	129.56
	Price Group: SD	
	GM01	

Screwed Backnuts



Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
½	FMG-BAC-15	1.01
1	FMG-BAC-25	1.97
1¼	FMG-BAC-32	2.75
2	FMG-BAC-50	5.61
2½	FMG-BAC-65	16.00
4	FMG-BAC-100	26.21
	Price Group: SD	
	GM01	

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Screwed Caps

Thread Size BSP (inch)	Galvanised Malleable	
	Part No.	Price $
¼	FMG-CAP-8	1.85
⅜	FMG-CAP-10	2.30
½	FMG-CAP-15	2.33
¾	FMG-CAP-20	2.90
1	FMG-CAP-25	3.86
1¼	FMG-CAP-32	5.73
1½	FMG-CAP-40	7.30
2	FMG-CAP-50	9.87
2½	FMG-CAP-65	22.89
3	FMG-CAP-80	32.78
4	FMG-CAP-100	54.44

Price Group: SD
GM01



Thread Size BSP (inch)	316 SS Hex	
	Part No.	Price $
¾	SS16C020	7.82
1	SS16C025	14.31
1¼	SS16C032	19.45
1½	SS16C040	23.22
2	SS16C050	35.33
3	SS16C080	105.02
4	SS16C100	195.39

Price Group: SD
AW01



Hex

Screwed Male Hose Tails

Thread Size BSP (inch)	SS 316 - BSP	
	Part No.	Price $
¼	SS16HT006	5.86
5⁄16	SS16HT008	5.86
⅜	SS16HT010	6.28
½	SS16HT015	7.34
¾	SS16HT020	12.96
1	SS16HT025	19.29
1¼	SS16HT032	38.17
1½	SS16HT040	43.74
2	SS16HT050	64.53
2½	SS16HT065	116.48
3	SS16HT080	133.58
4	SS16HT100	205.16
5	SS16HT125	POR
6	SS16HT150	POR

Price Group: SD
AW01



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General Purpose Brass Ball Valve with Stainless Steel Handle, PN25

Design:	Full bore, long body series
End Connection:	Female x Female BSP
Body Materials:	Nickel plated brass with stainless steel handle
Seat & Ball:	PTFE seat and chrome plated brass ball
Temperature:	-10°C to 110°C
Options:	Flat steel handle for sizes 65mm to 100mm
Application:	Recommended for general use with water, oil & gas



Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
¼	6	BBVSTD006SS	362	2.5	11.28
⅜	10	BBVSTD010SS	362	2.5	11.28
½	15	BBVSTD012SS	362	2.5	12.35
¾	20	BBVSTD020SS	362	2.5	16.28
1	25	BBVSTD025SS	362	2.5	24.01
1¼	32	BBVSTD032SS	362	2.5	46.13
1½	40	BBVSTD040SS	362	2.5	65.65
2	50	BBVSTD050SS	362	2.5	100.15
2½	65	BBVSTD065SS	200	1.8	258.06
3	80	BBVSTD075SS	200	1.6	398.14
4	100	BBVSTD100SS	200	1.4	663.57

Price Group: SD

AR01

M

Brass Ball Valve Female x Female BSP - AGA Approved

Design:	Full bore, blow-proof stem
End Connection:	Female x Female BSP
Body Materials:	Nickel plated brass with stainless steel handle
Seat & Ball:	PTFE seat and chrome plated brass ball
Temperature:	-10°C to 110°C
Approvals:	AGA Certified
Application:	Recommended for general use with water, oil & gas



Lever Handle

Lever Handle *

Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
¼	6	BBVAGA006	600	4.1	16.77
⅜	10	BBVAGA010	600	4.1	17.85
½	15	BBVAGA012	600	4.1	18.75
¾	20	BBVAGA020	600	4.1	27.49
1	25	BBVAGA025	600	4.1	41.02
1¼	32	BBVAGA032	600	4.1	76.08
1½	40	BBVAGA040	600	4.1	108.70
2	50	BBVAGA050	600	4.1	150.61

* Superseded model will be supplied whilst stocks last - check with Dixon™ at time of order.

Price Group: SD

AR01



T Handle

Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
¼	6	BBVAGAT006	710	4.9	18.47
⅜	10	BBVAGAT010	710	4.9	18.41
½	15	BBVAGAT012	710	4.9	23.03
¾	20	BBVAGAT020	570	3.9	33.79
1	25	BBVAGAT025	570	3.9	49.18

Price Group: SD

AR01

Brass Ball Valve Screwed Male / Female BSP - AGA Approved

M

Design:	Full Bore
End Connection:	Screwed Male/Female BSP.
Body Materials:	Brass
Seat & Trim:	PTFE Seats
Temperature:	-20°C, 60°C (class T2 under EN331)
Application:	Industrial pneumatic and hydraulic applications. Water, oil & gas.



Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
½	15	BBVAGAMF012	710	4.9	26.04
¾	20	BBVAGAMF020	570	3.9	35.80
1	25	BBVAGAMF025	570	3.9	54.24
1½	40	BRBLMF040	363	2.5	119.34

Price Group: SD

AR01

Mini Ball Valves

Design:	Blow-out proof stem with chrome ball
End Connection:	Screwed Female & Male/ Female BSP ISO228 (equivalent to DIN259 and BS2779)
Body Materials:	Nickel-plated brass
Seat & Trim:	PTFE Seats
Temperature:	-0°C - 90°C. Rated to 220 PSI
Application:	Domestic water services, heating and air-conditioning plants, compressed air systems



art.125

Female BSP x Female BSP

Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
¼	6	MBVFF006	220	1.5	12.05
⅜	10	MBVFF010	220	1.5	11.56
½	15	MBVFF012	220	1.5	14.58
¾	20	MBVFF020	220	1.5	22.47

Price Group: SD

AR01



art.126

Female BSP x Male BSP

Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
¼	6	MBVMF006	220	1.5	10.97
⅜	10	MBVMF010	220	1.5	10.61
½	15	MBVMF012	220	1.5	13.41
¾	20	MBVMF020	220	1.5	22.55

Price Group: SD

AR01

Lockable Ball Valves

Design:	Lever operated, C/W Locking device, for lock open or lock closed.
End Connection:	Screwed Female BSP
Body Materials:	Brass, Nickel Plated
Seat & Trim:	PTFE seats
Temperature:	-10 to 110°C
Application:	For Industrial Pneumatic and Hydraulic applications.Water, oil & gas
Approvals:	AGA and Watermark



Size		Part No.	Price $
inch	mm		
½	15	V15LO	20.61
¾	20	V20LO	26.54
1	25	V25LO	46.45
1¼	32	V32LO	75.83
1½	40	V40LO	114.56
2	50	V50LO	180.22

Price Group: FE

VB06

M

"Deadman" Stainless Steel Spring Return Handle Ball Valve



Design:	Deadman spring return ball valve
End Connection:	Screwed BSP female ends
Body Materials:	SS 316
Seat & Trim:	PTFE Seats and CF8M (SS 316)
Options:	2 piece 1000 PSI BSP or 2 piece 2000 PSI NPT available or request
Application:	Mainly used as a fail-safe closed valve for petro chemical and other media where spillage can cause damage, injury or loss if an operator incorrectly opens the valve

Female BSP x Female BSP

Size		Part No.	Weight (kg)	WP WOG PSI	Price $
inch	mm				
½	15	SAS22015	1.2	1000	319.38
¾	20	SAS22020	1.4	1000	386.88
1	25	SAS22025	1.8	1000	464.46
1½	40	SAS22040	2.8	1000	773.76
2	50	SAS22050	3.9	1000	958.13

Price Group: SD

AR02

ANSI Ball Valve - Petro-Chemical - Fire Safe Certified

FIRE SAFE API 607



316 stainless steel



cast steel

Applications:	Petroleum, Oil & Gas, Low pressure saturated steam, Mining & Industrial applications
Design:	Fire Safe Certified Ball Vaves Flanged ANSI 150 to API607
End Connection:	Flanged & Drilled ANSI 150
Body Materials:	Cast Steel (ASTM A216 WCB) & Stainless Steel (CF8M -SS316)
Seat & Trim:	Ball - ASTM A351 CF8M, Seat - R-PTFE
Pressure:	285 PSI for Ware, Oil, Gas & Some Corrosive Fluids
Options:	ANSI Class 300 & 600 in WCB & CF8M vailable on request
Accessories:	Gear operated, electric & pneumatic actuated
Features:	Fire Safe Certified with Lockable Levers , 3.1 Test Certificates available on request

API 607 Fire SAFE Certified ANSI 150 Ball Valves

Size NB		316SS (CF8M) Part No.	Price $	Cast Steel (WCB) Part No.	Price $
inch	mm				
½	15	V2FH-015	420.40	V2FH-WCB-015	294.51
¾	20	V2FH-020	512.02	V2FH-WCB-020	343.60
1	25	V2FH-025	619.82	V2FH-WCB-025	431.96
1¼	32	V2FH-032	780.00	V2FH-WCB-032	451.58
1½	40	V2FH-040	975.54	V2FH-WCB-040	549.75
2	50	V2FH-050	1333.91	V2FH-WCB-050	746.09
2½	65	V2FH-065	2328.37	V2FH-WCB-065	1050.43
3	80	V2FH-080	2667.83	V2FH-WCB-080	1310.58
4	100	V2FH-100	4107.06	V2FH-WCB-100	2076.32
6	150	V2FH-150	10055.22	V2FH-WCB-150	4368.60

Price Group: SD

VS01

Available on request
- Ansi Class 300 in 316SS
- Ansi Class 150 in Ansi 300 in cast steel

M

ANSI 150 & Table E Ball Valves



Design:	SS Ball Valve flanged ANSI 150 lever operated
End Connection:	Flanged & drilled to ANSI 150LB / un-drilled / Table D/E
Body Materials:	CF8M (SS316), SS ball
Seat & Trim:	PTFE seat
Pressure:	ANSI 150 is 285PSI for water, oil & gas & corrosive fluids
Accessories:	Gear operated, electric & pneumatic actuated

Size NB		ANSI 150 Drilled		Drilled Table D/E	
inch	mm	Part No.	Price $	Part No.	Price $
½	15	V2F-150-015	269.49	---	---
¾	20	V2F-150-020	285.65	---	---
1	25	V2F-150-025	329.31	---	---
1¼	32	V2F-150-032	560.53	---	---
1½	40	V2F-150-040	646.76	---	---
2	50	V2F-150-050	854.16	V2F-150DR-050	970.16
2½	65	V2F-150-065	1390.54	V2F-150DR-065	1509.12
3	80	V2F-150-080	1537.73	V2F-150DR-080	1832.51
4	100	V2F-150-100	2356.91	V2F-150DR-100	2200.81
6	150	V2F-150-150	5184.93	V2F-150DR-150	5497.52
8	200	V2F-150-200	12396.38	---	---

Available on request
- Table E drilled valves ½" to 6"

Price Group: SD

VS01

Class 800 Fire Safe Forged Steel Ball Valve - BSP & NPT

Design:	Class 800 forged steel BS5351, API 598, ASME B1.20.1
End Connection:	Screwed Female: BSP, NPT & Socket Weld
Body Materials:	3 piece forged steel - ASTM A 105N
Seat & Trim:	R-PTFE, Ball-SS 304, Stem-A276 420
Pressure/Temp:	1975 PSI CWP: -29°C to 150°C
Application:	Petroleum, oil and gas, low pressure saturated steam, mining and industrial applications
Options:	Socket weld in forged steel, NPT valves in SS 316
Features:	Full bore
Other:	Class 1500 available in NPT



#800 A105N 3 Piece Ball Valve							
Size		**Working Pressure**		**BSP**		**NPT**	
inch	**mm**	**PSI**	**MPa**	**Part No.**	**Price $**	**Part No.**	**Price $**
½	15	1975	13.6	FSBVB-015	189.28	FSBVN-015	189.28
¾	20	1975	13.6	FSBVB-020	254.04	FSBVN-020	254.04
1	25	1975	13.6	FSBVB-025	328.75	FSBVN-025	328.75
1¼	32	1975	13.6	FSBVB-032	592.75	FSBVN-032	592.75
1½	40	1975	13.6	FSBVB-040	657.50	FSBVN-040	657.50
2	50	1975	13.6	FSBVB-050	826.86	FSBVN-050	826.86

Price Group: SD

VS01

Fire Safe Ball Valve - 2000 PSI SS 316

Design:	SS316 3 Piece, Full bore-ASME B16.34 Fire Safe Certified API 607
End Connection:	Screwed Female: BSP, NPT & Socket Weld
Body Materials:	Stainless steel 316 - ASTM A351 CF8M
Seat & Trim:	R-PTFE (25% carbon fibre), Ball-SS 316, Stem-A276 316
Pressure/Temp:	2000 PSI CWP: -29°C to 180°C
Application:	Petroleum, oil and gas, mining and general services
Options:	Pneumatic and electric actuation can be fitted and supplied
Features:	Full bore, ISO top, and locking lever
Other:	Available on request - socket weld end connection. Valves can be retro fitted with actuators



Fire Safe Certified - 2000PSI SS316 3 Piece API 607 Ball Valve							
Size		**Working Pressure**		**BSP**		**NPT**	
inch	**mm**	**PSI**	**MPa**	**Part No.**	**Price $**	**Part No.**	**Price $**
½	15	2000	13.8	SS3PFSB-015	258.75	SS3PFSN-015	258.75
¾	20	2000	13.8	SS3PFSB-020	322.21	SS3PFSN-020	322.21
1	25	2000	13.8	SS3PFSB-025	429.62	SS3PFSN-025	429.62
1¼	32	2000	13.8	SS3PFSB-032	615.13	SS3PFSN-032	615.13
1½	40	2000	13.8	SS3PFSB-040	820.18	SS3PFSN-040	820.18
2	50	2000	13.8	SS3PFSB-050	1044.75	SS3PFSN-050	1044.75

Price Group: SD

VS01

M

Stainless Steel One Piece Ball Valve



Design:	Standard port
End Connection:	Female x female BSP
Body Materials:	SS 316
Seat & Trim:	PTFE seat
Pressure:	15mm to 40mm rated to 800 PSI. 50mm rated to 600 PSI
Application:	For use with air, water, oil, gas & most chemicals. Locking device standard.

Size		Part No.	Price $
inch	mm		
¼	6	SS1P006	24.17
⅜	10	SS1P010	24.17
½	15	SS1P012	24.23
¾	20	SS1P020	29.49
1	25	SS1P025	44.24
1¼	32	SS1P032	71.62
1½	40	SS1P040	89.53
2	50	SS1P050	130.61

Price Group: SD

AR02

Two Piece SS Ball Valve



Design:	Full bore
End Connection:	Female x female BSP
Body Materials:	SS 316
Seat & Trim:	PTFE seat
Pressure:	15mm to 40mm rated to 800 PSI 50mm rated to 600 PSI
Application:	For use with air, water, oil, gas & most chemicals. Locking device standard.

Size		Part No.	Price $
inch	mm		
¼	6	SS2P006	34.63
⅜	10	SS2P010	34.85
½	15	SS2P012	37.56
¾	20	SS2P020	49.40
1	25	SS2P025	68.47
1¼	32	SS2P032	121.13
1½	40	SS2P040	147.46
2	50	SS2P050	208.55
2.5	65	SS2P065	423.15
3	75	SS2P075	888.62
4	100	SS2P100	1165.00

Price Group: SD

AR02

M

Two Piece SS Ball Valve - NPT



Design:	Two piece full bore
End Connection:	Female x female NPT
Body Materials:	SS 316 (ASTM A351 CF8M)
Seat & Trim:	Ball - SS 316 (ASTM A351 CF8M), Seat - PTFE
Pressure:	2000 PSI CWP for water, oil, gas and some corrosive fluids
Application:	For use with air, water, oil, gas & most chemicals where compatible with body and trim.
Features:	Fitted with lockable levers

Size		Part No.	Price $
inch	mm		
½	15	SS2P015-SL	59.05
¾	20	SS2P020-SL	75.16
1	25	SS2P025-SL	124.55
1¼	32	SS2P032-SL	168.53
1½	40	SS2P040-SL	266.29
2	50	SS2P050-SL	377.96

Price Group: SD

AR02

Stainless Steel Two Piece Ball Valve

Application:	For use with air, water, oil, gas & most chemicals which are compatible with body & trim
Design:	Two piece full bore
End Connection:	Female x female BSP
Body Materials:	Stainless steel SS316 (ASTM A351 CF8M)
Pressure:	1000 PSI CWP for water, oil, gas & some corrosive fluids
Feature:	Female x female: Fitted with lockable levers Male x female: Locking levers as standard with optional space saving levers ¼" to 1" on request.
Approvals:	Watermark Certified & Tested to API 598



Female x Female

Size		Part No.	Price $
inch	mm		
1/2	15	SS2P-12MM	34.24
3/4	20	SS2P-20MM	49.29
1	25	SS2P-25MM	68.49
1 1/4	32	SS2P-32MM	109.48
1 1/2	40	SS2P-40MM	153.06
2	50	SS2P-50MM	229.86
2 1/2	65	SS2P-65MM	415.09
3	80	SS2P-80MM	600.84
4	100	SS2P-100MM	1466.31



Price Group: SD

VS02

Male x Female

Size		Part No.	Price $
inch	mm		
1/4"	8	SS2P-MF-08MM	33.25
3/8"	10	SS2P-MF-10MM	47.86
1/2"	15	SS2P-MF-15MM	66.50
3/4"	20	SS2P-MF-20MM	65.69
1"	25	SS2P-MF-25MM	96.42
1 1/4"	32	SS2P-MF-32MM	132.59
1 1/2"	40	SS2P-MF-40MM	181.90
2"	50	SS2P-MF-50MM	245.83



Price Group: SD

VS02

Three Piece SS Ball Valve

Design:	Full bore
End Connection:	Female x female BSP
Body Materials:	SS 316
Seat & Trim:	PTFE seat
Pressure:	15mm to 40mm rated to 800 PSI 50mm to 100mm rated to 600 PSI
Application:	For use with air, water, oil, gas & most chemicals. Locking device standard.

Size		Part No.	Price $
inch	mm		
½	15	SS3P015	61.89
¾	20	SS3P020	71.35
1	25	SS3P025	103.30
1¼	32	SS3P032	163.27
1½	40	SS3P040	204.34
2	50	SS3P050	265.50
2½	65	SS3P065	547.71
3	80	SS3P075	768.90
4	100	SS3P100	1492.52



Price Group: SD

AR02

3 Piece SS Ball Valve with Pneumatic Actuator



Design:	Full bore fitted with double acting and spring return actuator. Direct mounted. Namur solenoids 5/2.
End Connection:	Female x Female BSP
Body Materials:	SS316
Pressure:	Min: external air pressure 5.5 bar
Approvals:	ISO5211 (mounting plate)
Options:	Limit switch box & open/close indicators are available as options
Application:	Most fluid applications and air or gas where compatible with valve, body and trim. Note: for dry applications please contact your nearest Dixon™ branch

Size		Double Acting Part No.	Price $	Spring Return Part No.	Price $
inch	mm				
½	15	SS3P015-ACT-DA	533.58	SS3P015-ACT-SR	560.53
¾	20	SS3P020-ACT-DA	571.32	SS3P020-ACT-SR	598.26
1	25	SS3P025-ACT-DA	619.82	SS3P025-ACT-SR	652.16
1¼	32	SS3P032-ACT-DA	706.05	SS3P032-ACT-SR	733.01
1½	40	SS3P040-ACT-DA	840.80	SS3P040-ACT-SR	873.13
2	50	SS3P050-ACT-DA	997.10	SS3P050-ACT-SR	1040.21
2½	65	SS3P065-ACT-DA	1595.37	SS3P065-ACT-SR	1633.09
3	80	SS3P080-ACT-DA	2252.90	SS3P080-ACT-SR	2587.07
4	100	SS3P100-ACT-DA	3541.06	SS3P100-ACT-SR	3945.30

Price Group: SD
VS02

3 Piece SS Ball Valve with Electric Actuator



Design:	Full bore, 240V AC. Open/Shut only.
End Connection:	Female x Female BSP
Body Materials:	SS316
Seat & Trim:	PTFE seats
Options:	24V AC/DC also available
Application:	Water, oil, gas and chemicals. Not suitable for dry applications

Size		Part No.	Price $
inch	mm		
½	15	SS3P015-EA	1290.10
¾	20	SS3P020-EA	1315.01
1	25	SS3P025-EA	1354.85
1¼	32	SS3P032-EA	1434.55
1½	40	SS3P040-EA	1504.29
2	50	SS3P050-EA	1613.87
2½	65	SS3P065-EA	4106.98
3	80	SS3P080-EA	4303.65
4	100	SS3P100-EA	5100.63

Price Group: SD
VS02

M

Stainless Steel 3 Way ‘L’ Port Ball Valve



Design:	Lever operated anti-static device with blow-out proof stem, ASTM A351-CF8M. ISO 5211
End Connection:	Female x Female x Female BSP
Body Material:	SS316
Seat & Trim:	Trim: SS316; Seats: PTFE
Pressure:	Rated to 1,000 PSI
Application:	For use with air, water, oil and gas

Size		Part No.	Price $
inch	mm		
½	15	SS3WL012	132.71
¾	20	SS3WL020	238.68
1	25	SS3WL025	249.52
1¼	32	SS3WL032	433.96
1½	40	SS3WL040	520.75
2	50	SS3WL050	748.57

Price Group: SD
AR02

3 Way Standard Brass Ball Valve, L & T Port

Design:	Lever operated
End Connection:	Screwed Female BSP
Body Material:	Nickel-plated brass
Seat & Trim:	PTFE seats
Temperature:	Air: -15°C to 150°C Water: 0°C to 150°C without steam
Application:	Domestic water services, heating and air-conditioning plants, compressed air systems. Available with a T or L-drilled ball.



Size		Working Pressure		L Port		T Port	
inch	mm	PSI	MPa	Part No.	Price $	Part No.	Price $
¼	6	360	2.5	BBV3WL006	101.51	BBV3WT006	101.51
⅜	10	360	2.5	BBV3WL010	101.51	BBV3WT010	101.51
½	15	360	2.5	BBV3WL012	101.51	BBV3WT012	101.51
¾	20	360	2.5	BBV3WL020	170.23	BBV3WT020	170.23
1	25	360	2.5	BBV3WL025	224.07	BBV3WT025	224.07
1¼	32	360	2.5	BBV3WL032	352.86	BBV3WT032	288.23
1½	40	360	2.5	BBV3WL040	457.90	BBV3WT040	489.79
2	50	360	2.5	BBV3WL050	676.87	BBV3WT050	676.87

Price Group: SD

AR01

Ball Valve Bibcock without Hose Connection

Design:	Lever Tap
End Connection:	ISO228 (equivalent to DIN259 and BS2779)
Body Materials:	Nickel-plated brass
Temperature:	-20°C to 80°C
Pressure:	Max 220 PSI
Application:	Water, irrigation



art.178

Size		Part No.	Working Pressure		Price $
inch	mm		PSI	MPa	
½ x ¾	15 x 20	BB015020	220	1.5	19.92
¾ x ¾	20 x 20	BB020	220	1.5	17.68

Price Group: SD

FP08

Brass Ball Valve - Lever Operated Nozzle

Design:	Brass ball valve, complete with lever operated nozzle to suit 20mm hose.
End Connection:	¾" Hosetail
Body Materials:	Brass
Temperature:	-10° to 110°C
Application:	Water, irrigation



Size		Part No.	Price $
inch	mm		
¾	20	FFS-HRN-BALL	33.48

Price Group: FE

FP08

Econovalves™ - Ball Valves

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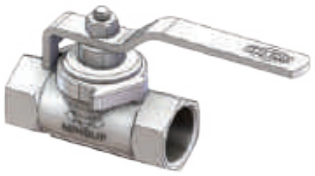
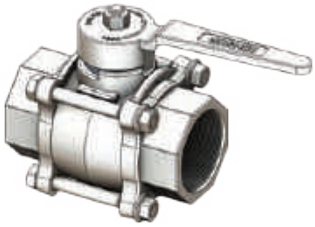
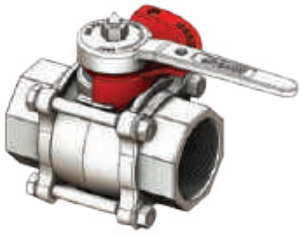




¾" & 1" BSPF RANGE





1 1/2" & 2 " BSPF RANGE

Design:	Solid construction with unique one piece ball and stem provides positive on/off action. In-line maintenance is easy for the top loading ¾" and 1" range, and the 3 piece 1½" and 2" range.
Body Materials:	Spheriodal graphite cast iron to ISO 1083; 400-250-15 SGI
Seals:	Nitrile Butadiene
Handle:	Spheroidal graphite cast iron to ISO 1083 (1½" - 2") All other sizes have pressed mild steel handles
Ball & Stem:	Spheroidal graphite cast iron to ISO 1083; Chrome copper plated to AS1192
Seats & Trim:	Nitrile Butadiene
Bolts:	Hex, M10 x 1.5 x 90, Grade 8.8, black
Nuts:	Hex, M10 x 1.5, zinc plated, Grade 8
Temperature:	-20° to 80°C
Options:	Refer Econovalve Lockout device 419
Application:	General purpose Ball Valve suitable for mining and industrial applications.
Working Pressure:	½ to 1" = 500 PSI WP 1½ to 2" = 300 PSI WP

BSP Female x BSP Female				
Size (inch)	**Part No.**	**Price $**	**Part No.**	**Price $**
	Standard		Lockout	
½	---	---	08/062/03/000	97.95
¾	---	---	08/062/114/00LO	66.20
1	08/062/113/00	56.24	08/062/113/00LO	60.77
1½	---	---	08/062/847/00LO	201.40
2	08/062/848/00	149.88	08/062/848/00LO	158.27
NPTF x NPTF Standard				
1	08/062/102/00	65.66	08/062/102/00LO	57.51

Price Group: MS

AB01

M





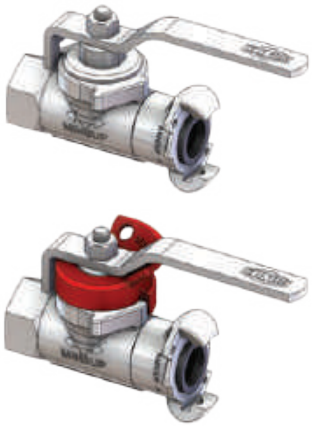
'A' Type x 'A' Type				
Size (inch)	**Part No.**	**Price $**	**Part No.**	**Price $**
	Standard		Lockout	
1	08/062/110/00	69.39	08/062/110/00LO	74.15

Price Group: MS

AB01

Econovalves™ - Ball Valves

minsup



1" BSP Female x 'A' Type				
Size (inch)	**Part No.**	**Price $**	**Part No.**	**Price $**
	Standard		Lockout	
1	08/062/104/00	67.12	08/062/104/00LO	67.12

Price Group: MS

AB01



1" BSP Female x 2" Shouldered				
Size (inch)	**Part No.**	**Price $**	**Part No.**	**Price $**
	Standard		Lockout	
1	08/062/118/00	72.56	08/062/118/00LO	87.07

Price Group: MS

AB01



Female Thread x Surelock		
Size (inch)	**Part No.**	**Price $**
Lockout		
To suit Surelock sizes ⅜" - 1¼"		
1 (BSP)	08/062/172/00LO	88.99
1 (NPT)	08/062/108/00LO	74.15
To suit Surelock sizes 1½" - 2"		
2 (BSP)	08/062/868/00LO	193.56

Price Group: MS

AB01

M

Econovalves™ with Lockout Device - Ball Valves

minsup



BSP Female x Shouldered		
Size (inch)	**Part No.**	**Price $**
Lockout		
2	08/062/56/000LO	155.55

Price Group: MS

AB01

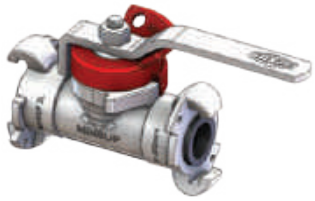


Shouldered x Shouldered		
Size (inch)	**Part No.**	**Price $**
Lockout		
2	08/062/849/00LO	169.62

Price Group: MS

AB01





1" RANGE

Surelock x Surelock				
Size (inch)	**Part No.**	**Price $**	**Part No.**	**Price $**
	Standard		Lockout	
To suit Surelock sizes ⅜" - 1¼"				
1 (BSP)	08/062/111/00	76.19	08/062/111/00LO	81.29

Price Group: MS

AB01



2 " RANGE

Surelock x Surelock		
Size (inch)	**Part No.**	**Price $**
Lockout to suit Surelock sizes 1½" - 2"		
1 (BSP)	08/062/869/00LO	212.70

Price Group: MS

AB01

Minsup™ Econovalve™ Ball Valve Lockout Device

Design:	Designed to retrofit all existing Minsup™ Econovalve™ configurations. Easy to install. Lock open / lock closed.
Body Materials:	SG Iron ISO 1083, 1987: 400-250-15
Approvals:	Design registration: 200614656



ELOK100C

Size (inch)	Part No.	Description	Price $
1	ELOK100C	For ¾" and 1" configurations	39.69
2	ELOK200C	For 1½" and 2" configurations	51.03

Price Group: SD

AB01



ELOK200C

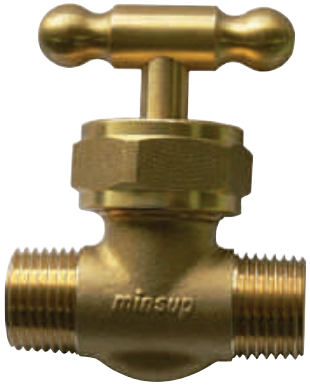
Mining Brass Water Valves (Bendigo Valve)

End Connection:	½" BSP Male
Body Materials:	Brass
Application:	Mine Water Valves, or Bendigo Taps, protect air leg rock drills from dirty mine water utilising a filter mesh to ensure tools are protected from foreign matter.
Features:	A forged body

Size	Part No.	Price $
½" (15mm) Male/Male	05/062/01/000	162.82

Price Group: SD

AR01



M

Brass GP Gate Valves



Design:	Iron handwheel, adjustable packing nut, integral seat
End Connection:	Screwed Female BSP
Body Materials:	Brass
Wedge:	Brass solid wedge disc
Pressure:	Maximum of 1600KPA CWP
Application:	For pumping, irrigation, light industrial and domestic and rural services

Size (mm)	Part No.	Price $
15	GV050B	20.17
20	GV075B	27.07
25	GV100B	38.49
32	GV125B	54.67
40	GV150B	68.49
50	GV200B	105.65
65	GV250B	238.89
80	GV300B	297.27
100	GV400B	504.32

Price Group: SD

VB04

Gate Valve DZR Tested - AS1628

Certified Product
Australian Standard
AS1628

WaterMark



Design:	Iron handwheel, adjustable packing nut, integral seat
End Connection:	Screwed Female BSP
Body Materials:	DZR brass
Wedge:	DZR solid wedge disc
Temperature:	99°C @ 1.7 MPa
Approvals:	Complies with requirements of AS1628 Water Mark approved LIC
Options:	T bar handle available on selected sizes on request
Application:	For industrial, pneumatic & hydraulic

Size (mm)	Part No.	Working Pressure		Price $
		PSI	MPa	
15	V15GVT	360	2.5	30.99
20	V20GVT	360	2.5	41.15
25	V25GVT	360	2.5	55.77
32	V32GVT	360	2.5	89.05
40	V40GVT	360	2.5	120.29
50	V50GVT	360	2.5	157.66
65	V65GVT	360	2.5	317.14
80	V80GVT	360	2.5	478.05

Price Group: SD

VB05

M

Stainless Steel Screwed Gate Valve



Design:	Adjustable packing & CI hand wheel
End Connection:	Screwed Female BSP
Body Materials:	316 stainless steel
Pressure:	200 PSI
Temperature:	-20 to 232°C for water, oil, gas & corrosive fluids

Size NB (mm)	Part No.	Price $
15	SGV-015	96.06
20	SGV-020	88.95
25	SGV-025	120.09
32	SGV-032	208.15
40	SGV-040	277.55
50	SGV-050	275.77

Price Group: SD

VS01

Class 800 Forged Steel Gate - BSP & NPT

Design:	Class 800 forged steel BS5351, API 602, ASME B1.20.1
End Connection:	Screwed Female: BSP or NPT
Body Materials:	Forged steel - ASTM A 105N
Seat & Trim:	Seat- ASTM A276 420, Wedge & Stem- ASTM A182 F6a
Pressure/Temp:	1975 PSI CWP- -20°C - 380°C
Application:	Petroleum, oil and gas, low pressure steam. General services up to 425°C
Options:	Socket weld in forged steel, SS 316 available in screwed NPT
Features:	OS&Y, Bolted Bonnet, F/Bore, Solid Wedge
Other:	Class 1500 available in NPT ends



#800 A105N Gate Valve

Size		Working Pressure		BSP		NPT	
inch	mm	PSI	MPa	Part No.	Price $	Part No.	Price $
½	15	1975	13.6	FSGVB-015	115.00	FSGVN-015	115.00
¾	20	1975	13.6	FSGVB-020	135.61	FSGVN-020	135.61
1	25	1975	13.6	FSGVB-025	176.84	FSGVN-025	176.84
1¼	32	1975	13.6	FSGVB-032	260.38	FSGVN-032	260.38
1½	40	1975	13.6	FSGVB-040	323.29	FSGVN-040	323.29
2	50	1975	13.6	FSGVB-050	474.10	FSGVN-050	474.10

Price Group: SD

VS01

M

Grooved Gate Valves Fig GVR-G-1161

Available while stocks last!



Design:	Rising stem OS&Y Gate Valve
End Connection:	Roll Grooved
Body Materials:	Cast iron body with wedge, Bronze seat
Pressure:	Max working pressure 1,600kPa at -10 to 100°C.
Approvals:	Conforms to BS 5150. Grooved ends are made in accordance with metric standard pipe.
Application:	For fire protection & distribution services. Water, oil & gas.

Face to Face Dim	Part No.	Size NB (mm)	Pipe OD (mm)	Price $
203	GVR-G-1161-080	80	88.9	533.98
229	GVR-G-1161-100	100	114.3	664.95
267	GVR-G-1161-150	150	165.1	894.66
292	GVR-G-1161-200	200	219.1	1294.64

Price Group: FE

VC05

Monitored Grooved Gate Valves



Design:	Rising stem OS&Y Gate Valve with Class B Switches
End Connection:	Roll Grooved
Body Materials:	Ductile iron with resilient wedge
Application:	Suitable for applications where valves with supervisory switches are required eg fire distribution services.
Mon Device:	Class B - Potter - UL / FM

Face to Face Dim	Part No.	Size NB (mm)	Pipe OD (mm)	Price $
203	VG172-OSYG80ATS	80	88.9	1573.92
229	VG172-OSYG100ATS	100	114.3	1564.62
267	VG172-OSYG150ATS	150	165.1	2079.71
292	VG172-OSYG200ATS	200	219.1	3398.22

Note: Supplied in kit form for assembly at site.

Price Group: SD

VC04

Grooved Gate Valves Fig F0122-200



Design:	Resilient seated EPDM encapsulated wedge. OS&Y.
Body Materials:	Ductile iron
Pressure:	Max working pressure 1400/1600 kPa at -0.6C to 52°C.
Application:	For fire protection & distribution services. Water, sewerage & neutral liquids.

Face to Face Dim	Part No.	Size NB (mm)	Pipe OD (mm)	Price $
191	VG172-OSY-G80	80	88.9	944.35
229	VG172-OSY-G100	100	114.3	998.00
267	VG172-OSY-G150	150	165.1	1513.10
292	VG172-OSY-G200	200	219.1	2768.66
356	VG172-OSY-G250	250	273	3994.87

Price Group: SD

VC03

Shouldered Gate Valves Fig GVNR-S-1161

Design:	Non-rising stem Gate Valve. Shoulder dimensions are made in accordance with metric pipe.
End Connection:	Shouldered
Body Materials:	Ductile iron body, Stainless steel stem, bronze seat
Wedge:	Cast iron wedge
Approvals:	Conforms to BS5150 - PN20 rated
Application:	Water and slurry applications - mining



Face to Face Dim	Part No.	Size NB (mm)	Price $
229	GVNR-S-1161-100	100	819.85
267	GVNR-S-1161-150	150	1639.71

Price Group: SD

VC05

Monitored Gate Valves Table E, Ductile Iron Flanged Fig F0111-200

Design:	OS&Y Gate Valve
End Connection:	Flanged, Table D/E, AS2129
Body Materials:	Ductile Iron, ASTM A126 Class B
Wedge:	EPDM encapsulated wedge, Resilient seated
Temperature:	Pressure temperature rating 1400/ 1600kPa @ 0.6°C to 52°C
Approvals:	UL/FM approved
Application:	For water, sewerage & neutral liquids. Bubble tight shut off. Suitable for fire protection and distribution services. Valves with supervisory switches are required eg fire distribution services.
Mon Devices:	Class B - Potter - UL / FM - Standard
Options:	Australian standard, Switch



Face to Face Dim	Part No.	Size NB (mm)	Price $
229	VG172-OSYE100ATS	100	1564.62
267	VG172-OSYE150ATS	150	2079.71
292	VG172-OSYE200ATS	200	3398.22
330	VG172-OSYE250ATS	250	4793.27
356	VG172-OSYE300ATS	300	6810.76

Note: Supplied in kit form for assembly at site.

Price Group: SD

VC04

Gate Valves Fig GVRC-1161

Design:	OS&Y Gate Valve
End Connection:	Flanged, AS2129 Table D/E
Body Materials:	Cast iron body with wedge, bronze seat
Temperature:	Pressure temperature rating 1600kPa at -10 to 120°C.
Approvals:	Conforms to BS5150, MSS SP-70. Flange conforms to BS 4504 PN 16, ANSI 125 and drilled to Table E.
Application:	Water, oil & gas



Face to Face Dim	Part No.	Size NB (mm)	Price $
190	GVRC1161-065	65	670.94
203	GVRC1161-080	80	944.35
229	GVRC1161-100E	100	690.26
229	GVRC1161-100D	100	690.26
267	GVRC1161-150	150	1261.55
292	GVRC1161-200	200	2131.63
330	GVRC1161-250	250	4760.68
356	GVRC1161-300	300	3770.41

Note: Sizes 350-600 available on request.

Price Group: SD

VC05

M

NRS Gate Valves Fig 3243



Design:	Non-rising stem Gate Valve
End Connection:	Flanged, drilled Table E, AS2129
Body Materials:	Ductile iron body, stainless steel stem, fusion bonded epoxy coated
Wedge:	Resilient wedge - EPDM encapsulated
Temperature:	16 bar pressure rated at -10°C to 120°C
Approvals:	Designed and tested to BS5163
Application:	For water, sewerage and neutral liquids

Face to Face Dim	Part No.	Size NB (mm)	Price $
191	GVNR-RW-1161-65	65	763.54
203	GVNR-RW-1161-80	80	653.79
229	GVNR-RW-1161-100	100	735.51
267	GVNR-RW-1161-150	150	1225.90
292	GVNR-RW-1161-200	200	3519.61
330	GVNR-RW-1161-250	250	4648.64
356	GVNR-RW-1161-300	300	6198.20

Price Group: SD
VC05

Ductile Iron Flanged Gate Valves Fig F0111-200



Design:	OS&Y Gate Valve
End Connection:	Flanged, Table D/E, AS2129
Body Materials:	Ductile Iron, A53665-45-12
Wedge:	EPDM encapsulated wedge, Resilient seated
Temperature:	Pressure temperature rating 1400/ 1600kPa @ 0.6°C to 52°C
Approvals:	UL/FM approved
Application:	For water, sewerage & neutral liquids. Bubble tight shut off. Suitable for fire protection and distribution services.

Face to Face Dim	Part No.	Size NB (mm)	Price $
190	VG172-OSY-E65	65	901.42
203	VG172-OSY-E80	80	944.35
229	VG172-OSY-D100	100	998.00
229	VG172-OSY-E100	100	998.00
267	VG172-OSY-E150	150	1513.10
292	VG172-OSY-E200	200	2768.66
330	VG172-OSY-E250	250	4163.71
356	VG172-OSY-E300	300	6181.18

Price Group: FE
VS01

M

Stainless Steel OS&Y Gate Valves



Design:	To API 603 / ASME B1634
End Connection:	Flanged ANSI 150LB is standard
Body Materials:	316 Stainless steel (CF8M)
Pressure:	285 PSI for water, oil & gas & corrosive fluids
Options:	Available on request: - drilled table D/E up to 150NB - 316 stainless steel valves drilled to table E - cast steel in 150# and 300# ANSI

Size NB (mm)	Part No.	Price $
65	VGA-150-065	1929.53
80	VGA-150-080	2802.66
100	VGA-150-100	3763.83
150	VGA-150-150	5825.40
200	VGA-150-200	11318.44
250	VGA-150-250	25870.71
300	VGA-150-300	44626.98

Price Group: SD
VS01

ANSI 150 Cast Steel Gate Valves - API 600

Design:	ANSI 150 Cast Steel, OS&Y - ASME B16.34 & API 600
End Connection:	Flanged ANSI 150#
Body Materials:	Cast steel - ASTM A105
Seat & Trim:	Seat ring - 2Cr13, Stem - 2Cr13, Disc - 2Cr13 + STL
Pressure/Temp:	285 PSI CWP
Application:	Petro-Chemical, oil and gas, mining, power and general services
Options:	Sizes in ½" to 1½" ANSI 150 also available on request
Features:	OS&Y, Bolted Bonnet, Full Bore, Solid Wedge
Other:	ANSI 300 and 600 also available in gate, globe and check valves



Cast Steel Gate Valve ANSI 150

Size		Flange	CWP	WP	Part No.	Price $
inch	mm		PSI	MPa		
2	50	ANSI 150	285	1.965	VGA-CS-150-050	791.97
2½	65	ANSI 150	285	1.965	VGA-CS-150-065	1087.00
3	80	ANSI 150	285	1.965	VGA-CS-150-080	1116.49
4	100	ANSI 150	285	1.965	VGA-CS-150-100	1536.96
6	150	ANSI 150	285	1.965	VGA-CS-150-150	2386.33
8	200	ANSI 150	285	1.965	VGA-CS-150-200	4122.58
10	250	ANSI 150	285	1.965	VGA-CS-150-250	5966.90
12	300	ANSI 150	285	1.965	VGA-CS-150-300	8071.58

Price Group: SD

VS01

Post Indicator Flanged Gate Valves Fig F0211-200

Design:	Design and dimensions to AWWA C509.
End Connection:	Flanged Table E AS2129 or ANSI 125
Body Materials:	Cast iron body, ASTM A126 CL. B
Wedge:	Resilient seated wedge, EPDM encapsulated
Pressure:	Maximum working pressure 1,400 kPa @ 0.6°C to 52°C
Approvals:	UL/FM Approved
Options:	Other flanges available on request
Application:	Fire protection and distribution services, water, sewerage & neutral liquids.



Face to Face Dim	Part No.	Size NB (mm)	Price $
190	VF-GVNR-RW-065E	65	1119.00
203	VF-GVNR-RW-080E	80	1173.59
229	VF-GVNR-RW-100E	100	1228.18
267	VF-GVNR-RW-150E	150	1866.83
292	VF-GVNR-RW-200E	200	3438.90
330	VF-GVNR-RW-250E	250	5158.35
356	VF-GVNR-RW-300E	300	7642.01
---	VF-PI	65-300 post	2210.73

Lead time 16 to 20 weeks approx.

Price Group: SD

VC02

M

Sluice Gate Valves

AS2638.2





Design:	Spindle cap operated and clockwise closing. Bubble tight shut off.
End Connection:	Flanged Table D, AS2129
Body Materials:	Ductile Iron Flange, FBE coated body
Wedge:	EPDM encapsulated wedge, resilient seated to AS 2638.2
Temperature:	Pressure temperature. Rating 1,600 kPa at 70°C.
Approvals:	Certified to AS2638.2
Options:	Hand wheel and anti clock closing
Application:	Fabricated T handle valve key used to open spindle cap operated sluice valves that are installed in points in the ground. These keys can be fabricated to customer requirements if required

Face to Face Dim	Part No.	Size NB (mm)	Price $
203	V57SV-80	80	810.14
229	V57SV-100	100	838.76
267	V57SV-150	150	1599.48
292	V57SV-200	200	2887.40
330	V57SV-250	250	5297.01
356	V57SV-300	300	6044.77
T Handle Valve Key			
-	FKG-VK	-	421.86

Hand wheels and T handle sold separately

Price Group: SD

VS01

Hand Wheels for AS2638.2 Sluice/Gate Valves



Application:	Suit AS2638.2 sluice/gate valve

Part No.	Description	Price $
Hand Wheel - Ductile Iron		
V57SVHW-100	80mm & 100mm	67.63
V57SVHW-150	150mm	154.59
V57SVHW-200	200mm	154.59
V57SVHW-300	250mm & 300mm	357.48

Price Group: SD

VC01

Knife Gate Valves

M



Full SS 316 Body
Lugged Table D



Cast Iron Body
Semi-Lugged
Table D/E

Design:	Knife Gate Valves are available in either full stainless steel 316 lugged, or cast iron body wafer/lugged.
End Connection:	Lugged Table D and wafer semi lugged table D/E
Body Materials:	SS 316 or Cast Iron
Knife:	SS 316 valve, cast iron is SS 304
Pressure:	Rated to 10 bar (1,000 kpa)
Seat:	Stainless steel valves standard seat is metal to metal, EPDM and FKM available. Cast iron valves standard seat is NBR or EPDM
Application:	Water, slurry, sewerage etc

Size (mm)	Stainless Steel Lugged T/D		Cast Iron Body Wafer Semi-Lugged	
	Part No.	Price $	Part No.	Price $
80	VKG-080-SS	2523.99	VKG-080	1802.85
100	VKG-100-SS	2683.67	VKG-100	1849.20
150	VKG-150-SS	3739.62	VKG-150	2513.69
200	VKG-200-SS	5475.50	VKG-200	3657.20
250	VKG-250-SS	8421.86	VKG-250	4728.62
300	VKG-300-SS	10641.95	VKG-300	7072.31

Note: Sizes up to 600mm available on request.
Cylinders, electric actuators available on request.

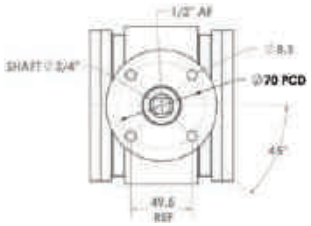
Price Group: SD

VC05

Minsup™ Shouldered Butterfly Valves

Design:	Lever operated, corrosion resistant stainless steel disk and shaft. Lever can be padlocked out in any of 11 positions. Nitrile Butadiene lining is moulded to the body. Disc has high flow coefficient design which minimizes flow resistance and cavitation.
End Connection:	Shouldered
Body Materials:	Body - SG Iron to ISO 1083; 400-250-15 Lining - Nitrile Butadiene - 70 Duro hardness Disc - Cast SS Grade CF8M to ASTIMA351 Handle - SG Iron ISO 1083;400-250-15 Shaft - Grade 316 Stainless Steel
Seats & Trim:	Nitrile Butadiene lining
Actuator:	Lever as standard
Temperature:	Min -20ºC Max 60ºC
Pressure:	Water: 2000 kPa, 290 PSI Air: 1034 kPa, 150 PSI
Standards:	Shouldered ends in accordance with ANSI/AWWA C606 Actuator mounting flange in accordance with AS5211
Options:	Actuation available on request. Optional operators include manual gearbox and pneumatic actuator.
Application:	Mining Industry





Lever Operated			
Size NB (mm)	**Part No.**	**Face to Face Dimensions (mm)**	**Price $**
100	08/002/374/00	116	611.24
150	08/002/574/00	149	1082.27

Price Group: MS

AB02

Mounting pads are the same on 4" and 6" Minsup™ valves.
Handles and actuators will interchange between 4" and 6" Minsup™ valves.

316 Stainless Steel Wafer & Lugged Butterfly Valves



Design:	Butterfly valve, wafer and fully lugged, lever operated
End Connection:	Wafer Type fits between Table E, Lugged valve is to AS2129 table E
Body Materials:	Stainless Steel 316 (CF8M)
Seats & Trim:	Stem: SS316, Seat: PTFE (Epdm encapsulated)
Pressure:	PN10 or 1000KPA
Application:	Petro - Chemical, Oil & Gas, Marine, & Industrial applications
Options:	Lugged ANSI Class 150 available on request.
Accessories:	Gear Operators , Pneumatic & Electric Actuators
Features:	ISO top for direct mounting of actuators & SS lever & Notch plate



Wafer

Size NB (inch)	Size NB (mm)	Wafer Table E		Lugged Table E	
		Part No.	**Price $**	**Part No.**	**Price $**
1 1/2	40	BFVW-SS-040	629.69	---	---
2"	50	BFVW-SS-050	629.69	BFVL-SS-050	779.45
2 1/2	65	BFVW-SS-065	740.51	BFVL-SS-065	923.52
3	80	BFVW-SS-080	841.26	BFVL-SS-080	1017.58
4	100	BFVW-SS-100	1057.88	BFVL-SS-100	1478.30
6	150	BFVW-SS-150	1894.10	BFVL-SS-150	2281.13
8	200	BFVW-SS-200	3093.03	BFVL-SS-200	3722.71



Lugged

Price Group: SD

VS02

M

Wafer Butterfly Valves







Design:	Wafer butterfly valve, lever or gear operated
End Connection:	Wafer fits Table E & ANSI 150/125
Body Materials:	Cast and ductile iron body
Seats & Trim:	SS 316 trim, EPDM seat
Application:	Suitable for water, process systems etc.

Face to Face Dim	Body Material	Part No.	Size NB (mm)	Cold WP (kPa)	Price $
with Lever Handle					
43	cast iron	VBF-IBFW050	50	1,600	140.14
46	cast iron	VBF-IBFW065	65	1,600	167.08
46	cast iron	VBF-IBFW080	80	1,600	162.74
52	cast iron	VBF-IBFW100	100	1,600	195.28
56	cast iron	VBF-IBFW125	125	1,600	366.49
56	cast iron	VBF-IBFW150	150	1,600	347.16
60	cast iron	VBF-IBFW200	200	1,600	640.09
68	cast iron	VBF-IBFW250	250	1,600	1293.53
78	cast iron	VBF-IBFW300	300	1,600	1805.56
78	ductile iron	VBF-IBFW350*	350	1,000	2177.45
84	ductile iron	VBF-IBFW400*	400	1,000	4054.12
103	ductile iron	VBF-IBFW450*	450	1,000	6898.86
127	ductile iron	VBF-IBFW500*	500	1,000	9033.19
150	ductile iron	VBF-IBFW600*	600	1,000	14616.96

* Gear Operator is standard 350mm - 600mm EPDM standard (no options)
Note: 50mm - 300mm EPDM standard (nitrile, FKM & PTFE options available).

Price Group: SD

VF06

Face to Face Dim	Body Material	Part No.	Size NB (mm)	Price $
STD - Lugged Table E				
43	cast iron	LSSE050H	50	150.91
46	cast iron	LSSE065H	65	183.25
46	cast iron	LSSE080H	80	210.19
52	cast iron	LSSE100H	100	296.44
56	cast iron	LSSE125H	125	431.17
56	cast iron	LSSE150H	150	499.05
60	cast iron	LSSE200H	200	711.44
68	cast iron	LSSE250H	250	1509.12
78	cast iron	LSSE300H	300	2015.76

Also available in 350mm - 600mm & ANSI 150.
250 & 300NB are gear box operated

Price Group: SD

VF05

Cast Iron “Water Mark" Lugged Wafer Butterfly Valves

M

WaterMark



Design:	Butterfly valve, lever or gear operated
End Connection:	Lugged to Table E
Body Materials:	Cast iron body
Seats & Trim:	SS 316 trim, EPDM seat
Approvals:	Australian Water Marked PN16
Options:	Lugged table E with gear box

Face to Face Dim	Part No.	Size NB (mm)	Price $
Lugged (Lever Operated)			
43	VBF-IBFL0050	50	246.22
46	VBF-IBFL0065	65	271.80
46	VBF-IBFL0080	80	342.17
52	VBF-IBFL0100	100	443.39
56	VBF-IBFL0125	125	627.68
58	VBF-IBFL0150	150	749.02
60	WDSE200H	200	1065.76
68	WDSE250H	250	1744.25
78	WDSE300H	300	2903.54
Lugged (Gear Operated)			
46	VBFLW-80-GEAR	80	498.86
52	VBF-IBFL100	100	635.00
56	WSSE125G	125	689.41
58	VBF-IBFL150	150	984.93
60	VBF-IBFL0200	200	1472.50
68	VBF-IBFL0250	250	2128.49
78	VBFLW-300-GEAR	300	3386.12

Price Group: SD

VF05

Wafer Actuated Pneumatic Butterfly Valves

Design:	Wafer type ISO 5211. Direct mounted, Namur solenoids 5/2
End Connection:	Wafer Table E standard. Lugged to Table E optional
Actuator:	Double acting and spring return
Pressure:	Minimum external air pressure 5.5 bar
Options:	Limit switch box, Namur solenoids and positioners
Application:	Most fluid applications and air or gas where compatible with valve, body and trim. Note: For dry applications contact your nearest Dixon™ branch.



Part No.	Size NB (mm)	Price $
Double Acting		
VBF-IBFW050-DA	50	598.26
VBF-IBFW065-DA	65	635.99
VBF-IBFW080-DA	80	662.93
VBF-IBFW100-DA	100	851.58
VBF-IBFW125-DA	125	1077.95
VBF-IBFW150-DA	150	1185.75
VBF-IBFW200-DA	200	1730.11
VBF-IBFW250-DA	250	2932.02
VBF-IBFW300-DA	300	5993.38
Spring Return		
VBF-IBFW050-SR	50	625.21
VBF-IBFW065-SR	65	754.57
VBF-IBFW080-SR	80	781.51
VBF-IBFW100-SR	100	975.54
VBF-IBFW125-SR	125	1298.93
VBF-IBFW150-SR	150	1492.95
VBF-IBFW200-SR	200	2058.88
VBF-IBFW250-SR	250	3740.47
VBF-IBFW300-SR	300	7966.01

Price Group: SD

VF07

Electric Actuated Butterfly Valves

Design:	Wafer type
End Connection:	Wafer Table E standard, lugged to Table E optional.
Body Materials:	Cast Iron, SS Trim, EPDM Seat
Actuator:	240V AC is standard
Application:	Can also be supplied for regulating with a 4-20Ma modulating controller. Not suitable for dry applications. Open/Shut only.



Part No.	Size NB (mm)	Price $
VBF-IBFW050-EA	50	1864.85
VBF-IBFW065-EA	65	1872.93
VBF-IBFW080-EA	80	1937.61
VBF-IBFW100-EA	100	2066.97
VBF-IBFW150-EA	150	4845.37
VBF-IBFW200-EA	200	5864.03
VBF-IBFW250-EA	250	7049.76
VBF-IBFW300-EA	300	7855.54

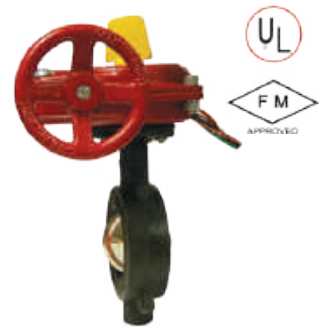
Standard unti is 240V AC. 24V AC/DC on request.

Price Group: SD

VF07

M

Monitored Wafer Butterfly Valves Fig DW

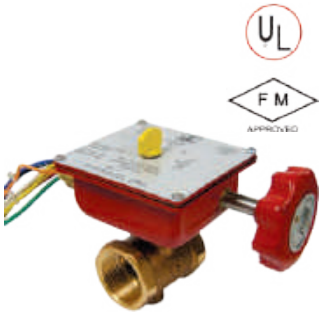


Design:	Gear operated monitored butterfly valve
End Connection:	Fits between ANSI 125 and Table E Flanges.
Body Materials:	Ductile iron body, A1 bronze disc, nickel chrome plated
Seats & Trim:	EPDM Encapsulated
Pressure:	175 PSI
Application:	Designed to initiate a signal at appropriate supervisory equipment to show whether a valve is open or closed. Suitable for fire protection and distribution systems

Face to Face Dim	Part No.	Size NB (mm)	Price $
52	VFBFW-114-GEAR	100	657.54
56	VFBFW-165-GEAR	150	1137.55
60	VFBFW-219-GEAR	200	1616.02

Price Group: SD
VB03

Screwed BSP Bronze Monitored Butterfly Valves Fig BT



Design:	Gear operated monitored butterfly valve
End Connection:	Screwed BSP
Body Materials:	A1 bronze disc
Seats & Trim:	EPDM encapsulated
Pressure:	Max 175 PSI at 0°C to 120°C
Application:	Designed to initiate a signal at appropriate supervisory equipment to show whether a valve is open or closed. Fire protection and distribution systems.

Face to Face Dim	Part No.	Size NB (mm)	Price $
54	VGBBB-34-GEAR	25	417.59
67	VGBBB-43-GEAR	32	433.09
73	VGBBB-48-GEAR	40	447.52
82.4	VGBBB-60-GEAR	50	561.71

Price Group: FE
VB03

Grooved Bronze Monitored Butterfly Valves Fig BG



Design:	Gear operated monitored butterfly valve
End Connection:	Grooved
Body Materials:	A1 bronze disc
Seats & Trim:	EPDM encapsulated
Pressure:	Max 175 PSI at 0°C to120°C
Application:	Designed to initiate a signal at appropriate supervisory equipment to show whether a valve is open or closed. Suitable for fire protection and distribution systems

Face to Face Dim	Part No.	Size NB (mm)	Price $
114	VGBBF-60-GEAR	50	534.82

Price Group: FE
VF01

Grooved Mon Ductile Iron Butterfly Valves Fig HPG



Design:	Gear operated monitored butterfly valve
End Connection:	Grooved
Body Materials:	A1 bronze disc
Seats & Trim:	EPDM encapsulated
Pressure:	Max 300 PSI at 0°C to 120°C
Application:	Designed to initiate a signal at appropriate supervisory equipment to show whether a valve is open or closed. Suitable for fire protection and distribution systems

Face to Face Dim	Part No.	Size NB (mm)	Price $
96.4	VGBFHP-76-GEAR	65	536.80
96.4	VGBFHP-88-GEAR	80	556.22
115.4	VGBFHP-114-GEAR	100	596.04
132.4	VGBFHP-165-GEAR	150	836.76
147.7	VGBFHP-200	200	1219.76

Price Group: FE
VF02

Grooved Butterfly Valves C/W Gear Operator Fig HGG

Design:	Gear operated butterfly valve
End Connection:	Grooved
Body Materials:	Ductile iron body and disc
Seats & Trim:	EPDM encapsulated
Temperature:	Max 120°C
Pressure:	Max 2100kPa (300 PSI)
Application:	Water, air and neutral liquids



Face to Face Dim	Part No.	Size NB (mm)	Price $
115	VGBFNM-114-GEAR	100	766.37
145	VGBFNM-165-GEAR	150	1291.26
148	VGBFHP-200-GOP	200	1449.00
159	VGBFHP-250-GOP	250	2074.44
159	VGBFHP-300-GOP	300	2513.73

Price Group: FE

VF04

Grooved Butterfly Valves C/W Lever & Notch PlateFig HGL

Design:	Grooved lever operated butterfly valve
End Connection:	Grooved
Body Materials:	Ductile iron body and disc
Seats & Trim:	EPDM encapsulated
Temperature:	Max 120°C
Pressure:	Max 2100kPa (300 PSI)
Application:	Water, air and neutral liquids



Face to Face Dim	Part No.	Size NB (mm)	Price $
85	VGBF-60-LEVER	50	243.74
96	VGBF-76-LEVER	65	279.29
96	VGBF-88-LEVER	80	385.93
115	VGBF-114-LEVER	100	475.56
145	VGBF-165-LEVER	150	890.30
148	VGBF-219-LEVER	200	1127.32

Price Group: FE

VF04

M

Wafer Check Valves Single Flap



Design:	Single flap uni-check
End Connection:	Wafer Flanged Table E
Body Materials:	Cast iron body, FBE coated, stainless steel 316 disc and spring
Seats & Trim:	EPDM seal
Temperature:	-20° to 120°C
Application:	Water, air and neutral fluids

Face to Face Dim	Size (mm)	Part No.	WP (Kpa)	Price $
44.5	50	SC50MM	1600	186.23
47.6	65	SC65MM	1600	200.47
50.8	80	SC80MM	1600	246.47
57.2	100	SC100MM	1600	306.72
63.5	125	SC125MM	1600	531.28
69.9	150	SC150MM	1600	629.86
73	200	SC200MM	1600	963.98
79.4	250	SC250MM	1600	1451.43
85.7	300	SC300MM	1600	2026.53

Price Group: FE
VC08

Duo Wafer Check Valves





350NB-600NB
Blue FBE coated body

Design:	Double flap duo-check
End Connection:	Universal ends - Fits between Table D/E & ANSI 150 Flanges
Body Materials:	Cast iron body, SS disc and spring *
Seats & Trim:	NBR seal
Temperature:	-10° to 80°C
Application:	Water, air and neutral fluids

Face to Face Dim	Size (mm)	Part No.	WP (kPa)	Price $
43	50	VWC-50E	1600	105.33
46	65	VWC-65E	1600	125.08
64	80	VWC-80E	1600	184.32
64	100	VWC-100E	1600	189.59
76	150	VWC-150E	1600	413.87
89	200	VWC-200E	1600	714.45
114	250	VWC-250E	1600	960.60
114	300	VWC-300E	1600	1369.28
184	350	VWC-350E*	1600	2108.69
191	400	VWC-400E*	1600	3121.95
203	450	VWC-450E*	1600	4655.54
219	500	VWC-500E*	1600	5477.11
219	600	VWC-600E*	1600	8173.54

* Spring included on SS316 disc.

Price Group: SD
*** FE**
VC08

Duo Wafer Stainless Steel Check Valves



Design:	To API 603 / ASME B1634
End Connection:	Fits between ANSI 150 and table E flanges
Body Materials:	Stainless steel
Seats & Trim:	FKM seat
Pressure:	232 PSI for water, oil & gas & corrosive fluids

Size NB (mm)	Part No.	Price $
50	DUO316-050	528.50
65	DUO316-065	889.57
80	DUO316-080	988.99
100	DUO316-100	1318.86
150	DUO316-150	2351.90
200	DUO316-200	4011.77
250	DUO316-250	5865.91
300	DUO316-300	9418.95

Price Group: SD
VS01

Bronze Swing Check Valves

Design:	Can be used in either vertical or horizontal pipelines.
End Connection:	Screwed female BSP
Body Material:	Bronze
Temperature:	Max 99°C
Pressure:	Max 2000 kPa Water, Oil & Gas
Application:	General hydraulic, mechanical services and Fire Protection

Certified Product
Australian Standard
AS1628

WaterMark

Part No.	Size (mm)	Price $
VC-4B-015	15	93.61
VC-4B-020	20	86.50
VC-4B-025	25	125.72
VC-4B-032	32	233.81
VC-4B-040	40	335.43
VC-4B-050	50	398.57
VC-4B-080	80	925.21
VC-4B-100	100	1668.41



Price Group: SD

VB11

Brass Swing Check Valves

Design:	General Purpose
End Connection:	Screwed female BSP. DIN259 and BS2779
Body Material:	Brass
Application:	For control of water, oil and gas in hose or pipe lines, irrigation, light industrial and rural applications. For other services, please contact Dixon™.

Size (mm)	Part No.	Working Pressure		Price $
		PSI	MPa	
15	BSCV012	170	1.2	19.53
20	BSCV020	170	1.2	27.13
25	BSCV025	170	1.2	40.53
32	BSCV032	140	1	58.95
40	BSCV040	140	1	76.93
50	BSCV050	140	1	109.03
65	BSCV065	110	0.8	240.07
80	BSCV075	110	0.8	326.63
100	BSCV100	110	0.8	540.34



Price Group: SD

VB02

Stainless Steel Swing Check Valves

End Connection:	Screwed female BSP
Body Material:	316 Stainless steel
Pressure:	200 PSI
Temperature:	-20 to 232°C for water, oil & gas & corrosive fluids

Size NB (mm)	Part No.	Price $
15	SSC-015	64.68
20	SSC-020	80.85
25	SSC-025	118.58
32	SSC-032	167.08
40	SSC-040	199.42
50	SSC-050	280.27



Price Group: SD

VS01

M

Class 800 Forged Steel Check - BSP & NPT



Design:	Class 800 forged steel BS5351, API 598, ASME B1.20.1
End Connection:	Screwed Female: BSP, NPT & Socket weld
Body Materials:	Forged steel - ASTM A 105N
Seat & Trim:	Seat- A276 420, Disc- ASTM A276 420
Pressure/Temp:	1975 PSI CWP- -20°C to 380°C
Application:	Petroleum, oil and gas, low pressure saturated steam, mining and industrial applications
Options:	Socket weld in forged steel, SS 316 available in screwed NPT
Other:	Piston check availabel in NPT. Class 1500 valves available in NPT.

#800 A105N Swing Check Valve

Size		Working Pressure		BSP		NPT	
inch	mm	PSI	MPa	Part No.	Price $	Part No.	Price $
½	15	1975	13.6	FSSCVB-015	129.51	FSSCVN-015	129.51
¾	20	1975	13.6	FSSCVB-020	134.49	FSSCVN-020	134.49
1	25	1975	13.6	FSSCVB-025	199.24	FSSCVN-025	199.24
1¼	32	1975	13.6	FSSCVB-032	268.98	FSSCVN-032	268.98
1½	40	1975	13.6	FSSCVB-040	333.73	FSSCVN-040	333.73
2	50	1975	13.6	FSSCVB-050	483.16	FSSCVN-050	483.16

Price Group: SD

VS01

Cast Iron Flanged Ball Check Valves



Design:	Flanged ball check valve
End Connection:	Flanged Table D, rated to PN16
Body Materials:	Cast iron, FBE coated Aluminium ball with EPDM rubber lined
Temperataure:	-10° to 110°C
Application:	Water & sewerage, and some slurry applications
Options:	Ductile iron body available on request

Face to Face Dim	Size (mm)	Part No.	Price $
200	50	BCK-050D	743.20
240	65	BCK-065D	1104.19
260	80	BCK-080D	1125.42
300	100	BCK-100D	1486.41
300	100	BCK-100E	1486.41
400	150	BCK-150D	2484.42
500	200	BCK-200D	4968.84
600	250	BCK-250D	7325.85
700	300	BCK-300D	9873.98

Price Group: SD

VC08

Cast Iron Swing Flanged Check Valves Fig CVF-1161

Design:	Offers positive seating for resistance against back pressure or back flow
End Connection:	Flanged Table D or E
Body Materials:	Cast iron flanged, cast iron disc
Seats & Trim:	Metal seated
Temperature:	1,600 kPa @ -10°C to 120°C
Application:	For water and neutral fluids



Face to Face Dim	Size (mm)	Part No.	Price $
240	80	CVF-1161-080	882.96
292	100	CVF-1161-100E	1408.24
356	150	CVF-1161-150E	2296.47
495	200	CVF-1161-200E	3432.88
622	250	CVF-1161-250E	4739.28
699	300	CVF-1161-300E	7701.33

Price Group: SD

VC06

Stainless Steel Swing Flanged Check Valves

Design:	To API 603 / ASME B1634
End Connection:	Flanged to ANSI 150 LB is standard, table E available on request
Body Material:	316 Stainless Steel (CF8M)
Pressure:	285 PSI for water, oil & gas & corrosive fluids
Options:	½" - 6" drilled table



Size NB (mm)	Part No.	Price $
65	VSC-150-065	1994.20
80	VSC-150-080	2425.38
100	VSC-150-100	4333.34
150	VSC-150-150	6187.41
200	VSC-150-200	9162.54
250	VSC-150-250	22421.28

Available on request
- 316 stainless steel drilled to table E ½" - 6"
- cast steel in 150# and 300# ANSI

Price Group: SD

VS01

M

Cast Steel (WCB) Swing Check Valves Flanges ANSI 150



Design:	ASME B16 34 & BS 1868
End Connection:	Flanged ANSI 150, face to face ASME B16.10, End Connection: ASME B16.5
Body Materials:	ASTM A216 WCB (cast steel)
Disc:	ASTM A216 WCB+STL, seat ring -ASTM A216+13Cr
Pressure:	285 PSI CWP & -29°C to 425°C
Applications:	For use with air, water, oil, gas & non-corrosive fluids, compatible with body & trim
Options:	Flanged ANSI 300lb available on request

Size NB (mm)	Part No.	Price $
50	VSC-CS-150-050	614.58
65	VSC-CS-150-065	795.93
80	VSC-CS-150-080	997.43
100	VSC-CS-150-100	1279.53
150	VSC-CS-150-150	2080.49
200	VSC-CS-150-200	3798.28
250	VSC-CS-150-250	6306.95

Price Group: SD

VF08

Grooved Swing Check Valves



Design:	Compact style check valve
End Connection:	Grooved
Body Materials:	Ductile Iron to ASTM A-536 Grade 65-45-12 304SS disc
Seat & Ring:	304 Stainless Steel to ASTM A-123, ASTM A-213, ASTM A-312 or ASTM A-269 Resilient seated EPDM O-ring
Pressure:	Max working pressure 2,100 kPa @ 70°C
Approvals:	UL/FM approved
Application:	For water, dilute acids, alkalis, oil-free air & many chemical services in vertical and horizontal positions. Not for use in petroleum services.

Face to Face Dim	Size (mm)	Part No.	Pipe OD (mm)	Price $
171.5	50	VGSCV-60	60.3	372.81
230.0	65	VGSCV-76	76.1	450.86
231.0	80	VGSCV-88	88.9	459.70
245.0	100	VGSCV-114	114.3	615.47
292.0	150	VGSCV-165	165.1	884.98
356.0	200	VGSCV-219	219.1	1617.04

Price Group: FE

VC06

M

Alarm Check Valves - Grooved Ends



Design:	Model J ductile iron body. Can be mounted in both vertical & horizontal positions.
End Connection:	Grooved
Body Material:	Ductile iron
Pressure:	250 PSI
Options:	Also available in Flange/Flanged, Flange/Groove Ends
Application:	For water, dilute acids, alkalis, oil-free air & many chemical services in vertical and horizontal positions. Not for use in petroleum services.

Size (mm)	Part No.	Pipe OD (mm)	Price $
80	VAVG-88	88.9	1557.18
100	VAVG-114	114.3	1758.99
150	VAVG-165	165.1	2189.79
200	VAVG-219	219.1	3096.68

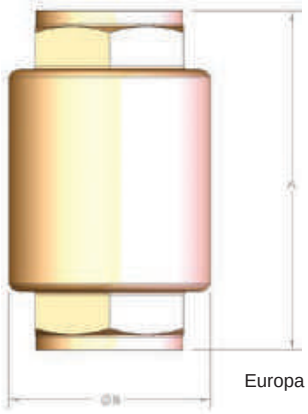
Price Group: SD

VC07

Brass Inline Check Valves

Design:	Spring Check valve. Full bore
End Connection:	Screwed female BSP conforming to ISO228 (equivalent to DIN259 & BS2779)
Body Materials:	Brass CW 617N, stainless steel spring AISI 302 Nitrile butadiene rubber seal
Temperature:	Air: -20°C to 110°C; Water: -0°C to 90°C; Gas: -20°C to 60°C
Application:	Suitable for industrial, pneumatic and hydraulic installations. Ideal for use with hot or cold water, oils or compressed air. Can be installed in vertical, horizontal or oblique positions.

Size		Part No.	Working Pressure		Dimensions		Price $
mm	inch		PSI	MPa	A (mm)	B (mm)	
Europa Brass Stem							
15	½	BECV012	360	2.5	58.5	34.5	19.09
20	¾	BECV020	360	2.5	65	41.5	28.08
25	1	BECV025	360	2.5	74.5	48	33.68
32	1¼	BECV032	260	1.8	83	60.5	58.95
40	1½	BECV040	260	1.8	93	71	69.62
50	2	BECV050	260	1.8	101	87	106.31
65	2½	BECV065	170	1.2	122	120	265.80
80	3	BECV075	170	1.2	141.5	140.5	370.55
100	4	BECV100	170	1.2	158.8	172.5	509.90
York® Plastic Stem							
10	⅜	BYCV010	170	1.2	46.5	34.5	15.66
15	½	BYCV012	170	1.2	47	34.5	14.04
20	¾	BYCV020	170	1.2	53	42	18.44
25	1	BYCV025	170	1.2	60.5	47.5	23.87
32	1¼	BYCV032	140	1	66.5	59.5	35.80
40	1½	BYCV040	140	1	74	71	53.16
50	2	BYCV050	140	1	80	86.5	82.08
65	2½	BYCV065	110	0.8	98	102	150.18
80	3	BYCV075	110	0.8	103	125	200.71
100	4	BYCV100	110	0.8	118.5	155	323.29



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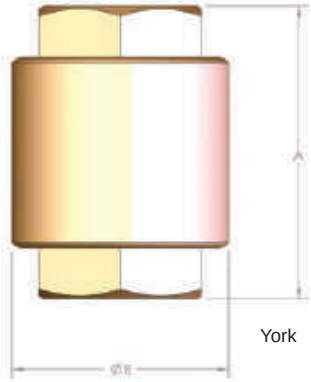


York

Price Group: SD

VB02

3 Piece Inline Check Valves Stainless Steel

Design:	Spring loaded in-line check
End Connection:	Screwed Female BSP
Body Materials:	SS 316
Seats & Trim:	PTFE seats, 316 disc and spring
Application:	Water, oil, gas and chemicals
Pressure	1000 PSI C.W.P.

Size (mm)	Part No.	Price $
15	SS3P015-SCV	91.62
20	SS3P020-SCV	107.80
25	SS3P025-SCV	150.91
32	SS3P032-SCV	242.54
40	SS3P040-SCV	291.04
50	SS3P050-SCV	458.12



Available on request
- NPT threaded valves

Price Group: SD

VS01

M

Check Valve York® Filter SS304



Design:	10mm to 50mm = 1200 Micron 65mm to 100mm = 2000 Micron
End Connection:	Nylon thread, ISO228, DIN259 and BS2779
Body Material:	Strainer in SS304
Application:	To suit York Check Valve

Size (mm)	Part No.	Price $
10	BYCF010	4.10
15	BYCF012	4.77
20	BYCF020	6.02
25	BYCF025	6.29
32	BYCF032	8.64
40	BYCF040	10.27
50	BYCF050	13.76
65	BYCF065	25.71
80	BYCF075	26.77
100	BYCF100	44.02

Price Group: SD

VB02

Foot Valves



End Connection:	Screwed Female BSP, ISO228, DIN259 and BS2779
Body Material:	Brass
Temperature:	0°C to 90°C
Pressure:	90 - 140 PSI
Application:	General industrial, irrigation and rural services

Size (mm)	Part No.	Working Pressure		Price $
		PSI	Mpa	
20	BFV020	140	1	22.36
25	BFV025	140	1	27.02
32	BFV032	110	0.8	39.69
40	BFV040	110	0.8	53.01
50	BFV050	110	0.8	76.04
65	BFV065	90	0.6	136.72
80	BFV075	90	0.6	186.10
100	BFV100	90	0.6	315.28

Price Group: SD

VB02

Flanged & Grooved Pressure Reducing Valves

Design:	400 Series. Flange drilling to specification. Configurations available include solenoid, pressure reducing, pressure sustaining, quick relief, float valve and flow control.
End Connection:	Table E flanged and grooved
Body Material:	Cast iron body
Pressure:	PN 16 (1600 kPa) CWP.
Approvals:	UL/FM approval available on request

Face to Face Dim	Size		Part No.	Price $
	inch	mm		
PRV Flanged				
205	2	50	FFS-PRV420-60E	2668.26
205	2½	65	FFS-PRV420-76E	2877.63
250	3	80	FFS-PRV420-88E	3315.04
320	4	100	FFS-PRV420-114E	4115.96
415	6	150	FFS-PRV420-165E	7888.24
500	8	200	FFS-PRV420-200E	11893.31
605	10	250	FFS-PRV420-250E	16713.83
724	12	300	FFS-PRV420-300E	37293.80
PRV Grooved				
205	2	50	FFS-PRV420-60	2668.26
250	3	80	FFS-PRV420-88	3315.04
320	4	100	FFS-PRV420-114	4115.96
415	6	150*	FFS-PRV420-165	7888.24



2" to 4"



6" to 12"

Price Group: SD

VO03

Pressure Reducing Valves Fig NR3 In Line Adjustable

Design:	For potable water lines to reduce high inlet pressure to lower outlet pressure. Factory set to 50 PSI
End Connection:	Screwed male BSP
Body Material:	Bronze body
Max Working Pressure:	400 PSI CWP
Range:	½" to 2" to 75 PSI

Size BSP		Part No.	Price $
inch	mm		
½	15	BR4-015	410.59
¾	20	BR4-020	260.04
1	25	BR4-025	465.33
1¼	32	BR4-032	1012.78
1½	40	BR4-040	1395.99
2	50	BR4-050	1779.21



Price Group: SD

VB10

M

Multi Jet Water Meter



Design:	Multi-jet meter with pulse output. All meters supplied with 10 Litre pulse.
End Connection:	Female unions
Body Materials:	Brass body, with nuts & tails
Pressure:	Standard rating is 1,000 kPa
Application:	Water measurement

Size		Part No.	Capsule Pulse	Price $
inch	mm			
¾	20	MT-KD-20-P2	1 Litre or 10 Litre	325.98
1	25	MT-KD-25-P2	1 Litre or 10 Litre	449.88
1½	40	MT-KD-40-P2	10 Litre	831.28
2	50	MT-KD-50-P2	10 Litre	1189.84

Price Group: SD
VO03

Water Meter with Pulse Register



Design:	Conforms to OIML, R49, Class 2, Helical Vane operation with standard pulse device
End Connection:	Flanged Table D standard
Body Material:	Cast Iron - FBE coated
Pressure:	Rated to 16 Bar (1600 kPa)
Options:	Up to 300NB available on request
Application:	Water measurement - potable and industrial applications

Size		Part No.	Price $
inch	mm		
2	50	WPH-50-1	910.96
2½	65	WPH-65-1	1592.58
3	80	WPH-80-1	1021.91
4	100	WPH-100-1	1094.90
6	150	WPH-150-1	2073.00
Reed Switch RD-01 C/W Electric Pulse Transmitter			
2 - 6	50 - 150	WPH-RP	400.91

Note: If pulse output is required,
additional Reed Switch is available on request.
Pulse output available: 50 - 150WB - 1P/10L or 1P/1000L.

Price Group: SD
VO03

M

Reduced Pressure Zone Devices c/w Isolation - Valve & Strainer

Application:	Backflow prevention
Style:	Reduced pressure zone (complete unit)
End Connection:	Screwed Female BSP
Standards:	Complies with AS/NZS 2485.1 Standards Mark Licence 1379

Size (mm)	RPZ (complete unit)	Part No.	Price $
15	15-975XLC	RPZ-015-W	924.50
20	20-375XLC	RPZ-020-W	1053.38
25	25-375XLC	RPZ-025-W	1172.53
32	32-375XLC	RPZ-032-W	2085.21
40	40-375XLC	RPZ-040-W	2137.83
50	50-375XLC	RPZ-050-W	2389.08

Price Group: SD

VO03



Model 375XLC

Ratio Pressure Reducing Valves Screwed BSP & Flanges Table E

Application:	• Reducing static & dynamic fluid pressure in fresh and flush water applications in mines and high rise buildings.
Materials:	• Body: Gun Metal -BS1400-LG2. Seat & Trim: Gun metal seat retainer, Seal Ring: NBR /EPDM
Features:	• One piece direct acting ratio pressure reducing valves. • Screwed female BSP & flanged BS4504 Table E. • High flow rates/accurate control of pressure, reduces surge & water hammer • Reliable with only one moving part. Minimum maintenance required.
Pressure Rating:	• Inlet Pressures for Screwed: Min 300 to Max 2000KPA, Flanged Min 200 to Max 2000KPA

Inch	Ratio	Part No.	Price $	Inch	Ratio	Part No.	Price
1	1.5:1 (3:2)	YH13	516.79			---	---
1	2:1	YH23	519.54	3"	1.5:1 (3:2)	YH801	7082.47
1	3:1	YH33	516.79	3"	2:1	YH802	7082.47
1 1/2	1.5:1 (3:2)	YH15	2215.54	3"	3:1	YH803	7082.47
1 1/2	2:1	YH25	2215.54			---	---
1 1/2	3:1	YH35	2215.54			---	---
2	1.5:1 (3:2)	YH16	2796.67	4"	1.5:1 (3:2)	YH1001	11804.12
2	2:1	YH26	2805.75	4"	2:1	YH1002	11454.56
2	3:1	YH36	2796.67	4"	3:1	YH1003	11804.12
2 1/2	2:1	YH27	4804.67			---	---

Price Group: SD

VO05



Screwed BSP



Flanged Table E

Double Check Valve Device c/w Isolation Valve

End Connection:	Screwed Female BSP
Standards:	Complies with AS/NZS 2485.1 Standards Mark Licence 1379

Complete Unit (With Strainer)

Size (mm)	DCV (complete unit)	Part No.	Price $
20	20-350XLC	DCV-020-W	651.46
25	25-350XLC	DCV-025-W	729.35
32	32-350XLC	DCV-032-W	1571.18
40	40-350XLC	DCV-040-W	1658.77
50	50-350XLC	DCV-050-W	1848.88

Price Group: SD

VO03



Model 350XLC

Without Strainer

Size (mm)	DCV (less strainer)	Part No.	Price $
20	20-350XLS	DCV-020-WY	618.87
25	25-350XLS	DCV-025-WY	696.75
32	32-350XLS	DCV-032-WY	1468.16
40	40-350XLS	DCV-040-WY	1542.80
50	50-350XLS	DCV-050-WY	1717.01

Price Group: SD

VO03



Model 350XLS

Reduced Pressure Zone Devices Only

Also available in roll grooved!



Style:	Reduced pressure zone (device only)
End Connection:	Flanged Table E or Roll Grooved
Standards:	Complies with AS/NZS 2485.1 Standards Mark Licence 1379

Face to Face Dim	Size (mm)	Part No.	Price $
403	65	RPZ-065-WDO	5200.21
403	80	RPZ-080-WDO	5202.50
535	100	RPZ-100-WDO	7156.64
675	150	RPZ-150-WDO	9604.64
959	200	RPZ-200-WDO	22992.07

Price Group: SD
VO03

Double Check Valves (device only)

Also available in roll grooved!



WaterMark

Certified Product

Application:	Backflow prevention
Style:	Double Check Valve (device only)
End Connection:	Flanged Table E or Roll Grooved
Standards:	Complies with AS/NZS 2485.1 Standards Mark Licence 1379

Face to Face Dim	Size (mm)	Part No.	Price $
403	65	DCV-065WDO	5581.96
403	80	DCV-080WDO	4608.42
535	100	DCV-100WDO	5163.65
675	150	DCV-150WDO	10041.34

Price Group: SD
VO03

Face to Face Dim	Size (mm)	Part No.	Price $
Roll Grooved			
505	100	VBF-850-DC-100E	4418.39
657	150	VBF-856-DC-150	7554.78

Price Group: FE
VO02

Double Detector Check Valves with 20mm Bypass -Flanged (device only)



Application:	Backflow prevention
Style:	Double Detector Check Valve TE 20mm bypass
End Connection:	Flanged Table E

Face to Face Dim	Size (mm)	Part No.	DDCV TE	Price $
403	65	DDCV-65X20	65-950DA20	6629.49
403	80	DDCV-80X20	80-950DA20	6629.49
535	100	DDCV-100X20	100-950DA20	5603.42
675	150	DDCV-150X20	150-950DA20	9343.09

Price Group: SD
VO03

Double Detector Check Valves with 25mm Bypass - Flanged (device only)



Application:	Backflow prevention
Style:	Double Detector Check Valve TE 25mm bypass
End Connection:	Flanged Table E

Face to Face Dim	Size (mm)	Part No.	DDCV TE	Price $
403	65 x 25	DDCV-65X25	65-950DA25	7120.60
403	80 x 25	DDCV-80X25	80-950DA25	7120.60
535	100 x 25	DDCV-100X25	100-1950DA25	8067.20
675	150 x 25	DDCV-150X25	150-950DA25	13700.84

Price Group: SD
VO03

M

Single Check Valves Approved & Tested - Flanged & Grooved

Application:	Fire sprinkler systems & potable water to prevent back siphonage.
Design:	Single testable detector check valve approved.
End Connection:	Flanged - ANSI B16.1 Class 125 & drilled to AS2129 table D & E. Grooved - to AWWA C606
Materials:	Body - Ductile Iron Stem - Stainless Steel EPDM elastomers & FBE coated
Approvals:	AS 4020, AS Standards Mark certified, Watermarked & UL/FM approved
Working Pressure:	175 PSI
Temperature:	60°C

Face to Face Dim	Size (mm)	Part No.	TE Fire Line SCV	Price $
420	100	SCV-100	Flanged TE	4092.40
420	100	SCV-100G	Grooved	4092.40
570	150	SCV-150	Flanged TE	6274.82
570	150	SCV-150G	Grooved	6464.38

Price Group: SD

VO03



Flanged



Grooved

Single Detector Check Valves with 20mm Spacer Bypass

Application:	Backflow prevention
Style:	Single Detector Check Valve spacer bypass
Options:	Also available in Flanged ends Table E

Face to Face Dim	Size (mm)	Part No.	Price $
420	100 x 25	SCV-100X25CW	4088.11
570	150 x 25	SCV-150X25CW	6009.60

Price Group: SD

VO03



Yarra Valley Single Fireline Detector Check Valves with Metered Bypass

Application:	Backflow prevention
Style:	Single Fireline Detector Check Valve metered bypass
End Connection:	Flanged Table E

Face to Face Dim	Size (mm)	Part No.	Price $
420	100 x 25	SCV-100X25YV	3784.03
570	150 x 25	SCV-150X25YV	7638.85

Price Group: SD

VO03



M

3 Way Globe Valves Fig BH-8



Design:	3 Way
End Connection:	Female BSP
Body Material:	Bronze body
Seats & Trim:	Bronze
Pressure:	200 PSI
Application:	Water, oil and neutral liquids

Size (mm)	Part No.	Price $
8	VGB3-8	38.69

Price Group: SD
VB09

Heavy Duty Steam Globe Valves



Design:	Heavy duty steam globe valve
End Connection:	Screwed female BSP
Body Material:	Bronze
Seats & Trim:	SS 316 seat, SS disc, Cast Iron
Pressure:	2500 KPA
Temperature:	-10°C to 180°C
Application:	Steam, water, oil

Size (mm)	Part No.	Price $
15	VGL-501-015	278.75
20	VGL-501-020	336.99
25	VGL-501-025	489.22
32	VGL-501-032	611.28
40	VGL-501-040	778.13
50	VGL-501-050	1075.94

Price Group: SD
VB09

Stainless Steel Screwed Globe Valves



Design:	Adjustable packing& CI hand wheel
End Connection:	Screwed female BSP
Body Material:	316 Stainless Steel
Seats & Trim:	Integral seat
Pressure:	200 PSI
Temperature:	-20 to 232°C for water, oil & gas & corrosive fluids

Size (mm)	Part No.	Price $
15	SGLV-015	83.72
20	SGLV-020	99.42
25	SGLV-025	125.58
32	SGLV-032	251.16
40	SGLV-040	313.97
50	SGLV-050	376.76

Price Group: SD
VS01

Stainless Steel Flanged OS&Y Globe Valves



Design:	ASME B.16.34 & BS1873
Body Material:	ASTM A351 CF8M (316 stainless steel)
Pressure:	285 PSI for water, oil & gas & corrosive fluids
Options:	ANSI 300 LB also available

Size (mm)	Part No.	Price $
65	VGL-150-065	2075.05
80	VGL-150-080	2678.70
100	VGL-150-100	4128.53
150	VGL-150-150	8623.57
200	VGL-150-200	12504.17

Available on request
- drilled table E ½" - 6"
- cast steel in ANSI 150# and ANSI 300#

Price Group: SD
VS01

Class 800 Forged Steel Globe Valves - BSP & NPT

Design:	Class 800 forged steel BS5351, API 598, ASME B1.20.1
End Connection:	Screwed Female: BSP, NPT & Socket Weld
Body Material:	Forged steel - ASTM A 105N
Seat & Trim:	Seat- ASTM A105N + 13Cr, Stem- ASTM A182 F6a
Pressure/Temp:	1975 PSI CWP: -20°C to 380°C
Application:	Petroleum, oil and gas, mining and low pressure steam. General services up to 425°C
Options:	Socket weld in forged steel, SS 316 available in screwed NPT
Features:	OS&Y, Bolted Bonnet, Plug Disc
Other:	Class 1500 available in NPT



#800 A105N Globe Valve

Size		Working Pressure		BSP		NPT	
inch	mm	PSI	MPa	Part No.	Price $	Part No.	Price $
½	15	1975	13.6	FSGLB-015	139.47	FSGLN-015	139.47
¾	20	1975	13.6	FSGLB-020	154.41	FSGLN-020	154.10
1	25	1975	13.6	FSGLB-025	214.19	FSGLN-025	214.19
1¼	32	1975	13.6	FSGLB-032	299.49	FSGLN-032	299.49
1½	40	1975	13.6	FSGLB-040	393.51	FSGLN-040	393.51
2	50	1975	13.6	FSGLB-050	587.77	FSGLN-050	587.77

Price Group: SD

VS01

Stainless Steel Needle Valves

Design:	High pressure bar stock needle valve
End Connection:	Threaded female BSP or NPT
Material:	Stainless steel body & seat
Pressure:	6000 PSI for water, oil, gas, steam & corrosive fluids



Size (mm)	Part No.	Price $
8	VNE-008	194.03
10	VNE-010	194.03
15	VNE-015	258.69
20	VNE-020	409.62
25	VNE-025	565.56

Price Group: SD

VS01

Ball Float Tank Fill Valves

Design:	Fig SRI. Complete with copper or plastic float.
End Connection:	Screwed BSP
Body Material:	Bronze body
Application:	Auto fill valve for water tanks. Commonly used in fire services.



Size (mm)	Part No.	Float Type	Price $
50	FFS-BFTFV-50	Copper	1769.53
80	FFS-BFTFV-80	Copper	3605.69
100	FFS-BFTFV-100	Copper	3863.24

Price Group: SD

VB10

M

Relief Valves with Side Outlet - Fig PREL



Design:	This relief valve has a closed side outlet with right angle discharge. The outlet is female threaded and of the same size as the inlet.
End Connection:	BSP Male
Body Material:	Bronze
Seats & Trim:	Bronze, SS304
Temperature:	-45°C to 185°C
Pressure:	Factory set to 1000Kpa and can be field adjusted from 300 to 1000Kpa
Application:	Suitable for discharge of steam, water, oil, air and liquids non-injurious to copper alloys.

Size (mm)	Part No.	Standard Setting	Price $
15	VR-268-15	145PSI (1000 kPa)	472.52
20	VR-268-20	145PSI (1000 kPa)	513.74
25	VR-268-25	145PSI (1000 kPa)	579.65
32	VR-268-32	145PSI (1000 kPa)	730.75
40	VR-268-40	145PSI (1000 kPa)	923.05
50	VR-268-50	145PSI (1000 kPa)	1329.64

For settings other than standard, contact Dixon™.

Price Group: SD

VB10

Stainless Steel Relief Valves



Design:	Right angle relief valve, field adjustable.
End Connection:	Threaded female BSP
Material:	316 Stainless steel body & seat
Seat:	PTFE soft seat
Pressure:	Factory set to 1000Kpa. Field adjustable from 300 to 1000kPa
Temperature:	-20 to 290°C
Application:	Water, oil, gas, steam & corrosive fluids

Size (mm)	Part No.	Price $
15	SRV-015	1711.28
20	SRV-020	1711.28
25	SRV-025	1711.28
32	SRV-032	4175.73
40	SRV-040	3757.36
50	SRV-050	4482.79

Price Group: SD

VS01

M

Test and Drain Valve - Fig BH-6

Design:	Tamper resistant sight glass Quarter turn handle from test to drain
End Connection:	2" BSP Male x Female
Body Material:	Brass body
Pressure:	Working pressure 300 PSI, tested to 400 PSI
Application:	To test water flow through sprinkler systems and system drain points

Size (mm)	Part No.	Working Pressure		Price $
		PSI	MPa	
50	V50TD	300	2.0	391.48

Price Group: SD
VB10



Drum Gate Valves

Design:	Manually operated gate valve. Black Japanned finish.
End Connection:	Male NPT Thread
Body Material:	Malleable Iron
Pressure:	Suitable only for fluid head pressure in drum
Application:	For drawing non-flammable liquids from drums and tanks

NPT Size (mm)	Part No.	Price $
50	D75	244.82

Price Group: SD
AU02



Brass Solenoid Valves - Fig B35

End Connection:	BSP Female
Body Material:	Brass, differential NC & NO
Application:	Air & fluid

Size (mm)	Part No.	Type	Price $
Normally Closed			
15	VSOL-15	24 Volt DC	252.41
15	VSOL-15-M0	24 Volt DC c/w manual override	442.13
20	VSOL-20	24 Volt DC	424.44
15	VSOL-8615-NC	24 Volt AC	336.02
25	VSOL-8616-NC	24 Volt AC	424.44
40	VSOL-8618-NC	24 Volt AC	848.88
Normally Open			
20	VSOL-8715-NO	24 Volt AC	512.86
25	VSOL-8716-NO	24 Volt AC	512.86
40	VSOL-8718-NO	24 Volt AC	990.36

Price Group: SD
VB10



M

Cast Iron Y Strainers Fig YS



Design:	Provides an economical, compact and hydraulically efficient means of protecting valuable piping system components.
End Connection:	Flanged Table E
Body Materials:	Cast iron. SS 316 mesh
Pressure:	1,600 kpa
Temperature:	-10°C to 100°C
Application:	Water, oil and gas, and fire protection

Face to Face Dim	Size (mm)	Part No.	Price $
230	50	VYS-050-E	282.01
290	65	VYS-065-E	318.52
310	80	VYS-080-E	403.45
350	100	VYS-100-E	557.40
400	125	VYS-125-E	743.20
480	150	VYS-150-E	1040.48
600	200	VYS-200-E	1741.21
730	250	VYS-250-E	3163.91
762	300	VYS-300-E	4565.39

Price Group: SD
VC05

Brass Y Strainers



Design:	Provides an economical, compact and hydraulically efficient means of protecting valuable piping system components
End Connection:	Female x Female BSP ends ISO228 (equivalent to DIN259 and BS2779)
Body Materials:	Cast Brass body, SS 304 Mesh
Temperature:	(Air) -15°C to 110°C (Water) 0°C to 90°C
Pressure:	Max 290 PSI
Application:	Domestic water services, heating and air-conditioning plants, compressed air systems

Size		Part No.	Working Pressure		Degree of filtration µ	Price $
mm	inch		PSI	MPa		
8	¼	BYLF006	290	2	500	15.00
10	⅜	BYLF010	290	2	500	16.08
15	½	BYLF012	290	2	500	19.23
20	¾	BYLF020	290	2	500	26.90
25	1	BYLF025	290	2	500	35.31
32	1¼	BYLF032	290	2	500	57.63
40	1½	BYLF040	290	2	500	68.62
50	2	BYLF050	290	2	500	126.09

Price Group: SD
VB10

Stainless Steel Y Strainers



End Connection:	Screwed female BSP
Body Materials:	316 Stainless steel body & element
Pressure:	800 PSI
Temperature:	-20°C to 232°C for water, oil, gas & corrosive fluids

Size (mm)	Part No.	Price $
15	SYS-015	43.11
20	SYS-020	53.90
25	SYS-025	75.45
32	SYS-032	107.80
40	SYS-040	150.91
50	SYS-050	220.98

Available on request
- NPT ends ¼" to 2"

Price Group: SD
VS01

M

Potter Pressure Switch

End Connection:	NPT Male
Body Materials:	Cover - die cast with red powder coat. Base - plated steel.
Pressure:	Refer to table below
Approvals:	UL, CSFM, FM, LPC Approved, CE marked
Application:	For monitoring high and/or low pressure variations.

Part No.	Type	Description	Price $
FFS-PS120-1A	PA120–1A	70-1225 kPa - 1 Set of Contacts Field Adjustable. Pressure drop model of 770kPa	529.15

Price Group: SD
VB07



WFSR-F

Potter Anti-Tamper Switches

Part No.	Type	Description	Price $
FFS-OSYSU-A1	OSYSU-1	To suit Gate Valves OS&Y DN50 - DN300, 1 set of contacts	593.93
FFS-PTS-C	PTS - C	Pull out plug style suitable for any type of hand wheel operated valve	971.89

Price Group: SD
VB07



OSYSU



PTS-C

Vane Type Waterflow Alarm Switches for Small Pipe (DN25-50)

Part No.	Type	Price $
FFS-VSR-FS-25	VSR-SFDN25 to DN50	809.91

Price Group: SD
VB07



VSR

Vane Type Waterflow Alarm Switches

Part No.	Size (to suit pipe NB)	Price $
FFS-WFI50	50	701.92
FFS-WFI65	65	701.92
FFS-WFI80	80	701.92
FFS-WFI100	100	701.92
FFS-WFI150	150	809.91
FFS-WFI200	200	998.89

Price Group: SD
VB07



VSR-F

M

Valve Lockout Devices



Design:	Prevents unauthorised access to fire service and industrial valves. Device rotates freely around hand wheel to prevent valve wheel turning. UV resistant high grade PVC body is resistant to cracking, abrasion and extreme weather and temperature conditions. Has multiple padlock points.

Part No.	Description	Price $
FFS-LVLOC65	To suit all sizes Landing / Hydrant Valves.	48.66

* Refer to page 427 for Padlocks.

Price Group: FE

FP02

Valve Wheel Spanner - Open / Close Valves



Design:	User friendly, safe non-slip design. OHS tool. Safe & efficient with positive wheel engagement.
Body Materials:	Heavy duty toughened steel, fully seal welded
Application:	Used to open / shut Gate valves, Globe valves, and valves with hand wheels

Part No.	Size	Valve Range (inch)	Price $
4G4192	Small	½ to 7	186.81
4G4193	Medium	¾ to 10	291.20
4G4194	Large	1 to 20	467.02

Price Group: SD

VS01

Amtron Anti-Tamper Supervisory Switch



AS2419.1

Approvals:	ActivFire & AS2419.1 approved, with LED

Part No.	Description	Price $
502	To suit Gate and Butterfly Valves	2315.49

Price Group: SD

VB07

M

Chain Wheel Assembly



Description
To suit Butterfly, Gate, Globe & Knife Gate Valves

VS01



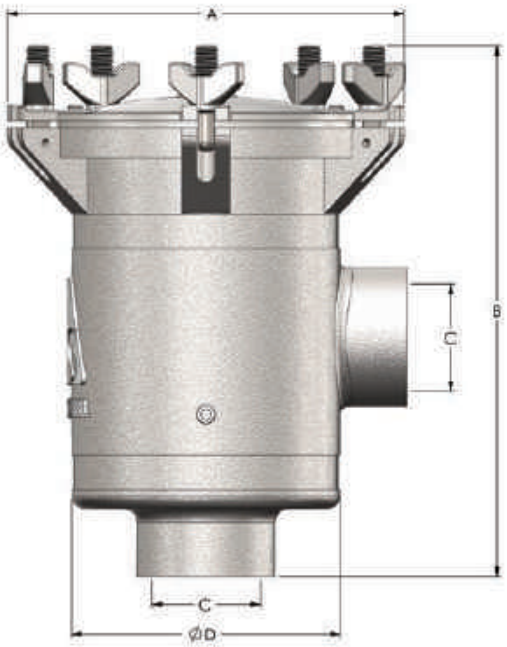
Strainers ---------- 528-529
BISO ---------- 528
SISO ---------- 529
Fittings ---------- 530-532
Inlet Scoop ---------- 530
Inlet Rose ---------- 530
Thru Hull Skin Fittings ---------- 531
Baskets ---------- 531-532
Accessories ---------- 532-533
Mounting Bracket ---------- 532
Adjustable Arms ---------- 532
Replacement Parts ---------- 532-533



BISO Strainers - Bottom Inlet, Side Outlet

Application:	Suitable for applications where a superior corrosion resistant stainless steel is required to filter liquids. Commonly used to strain seawater for engines, generators, HVAC systems in vessels, however can be used for other liquids that require a high grade stainless steel filter to protect pumps, nozzles and injectors from large particles.
Body Material:	Electro-polished AISI 2205 cast stainless steel
Lid Material:	Electro-polished AISI 2205 cast stainless steel
Features:	• Offset outlet for improved performance • Secured by 5 wing nuts for safe, quick and easy access • No tools required • Swing down eye bolts eliminates need to remove nuts • BSP thread inlet and outlet, flanges available on request • Full height, high impact reistant ABS basket • Cast anode connection point to combat galvanic corrosion
Options:	• 316 stainless steel basket • Clear polycarbonate or solid lid





Size BSP (inch)	Part No.	Lid	Flow Rate 1 Bar L/Min	Lid Width A mm	Height B mm	Thread Size C BSP	Thread Type	Body Width D mm	Weight (kg)	Price $ (ea)
1"	WS-BISO-100-C-A	Clear	425	150	235	1"	Male x Female	95	2.90	561.43
	WS-BISO-100-S-A	Solid	425	150	235	1"	Male x Female	95	3.10	572.34
1½"	WS-BISO-150-C-A	Clear	903	150	235	1½"	Male x Female	95	3.05	561.43
	WS-BISO-150-S-A	Solid	903	150	235	1½"	Male x Female	95	3.15	572.34
2"	WS-BISO-200-C-A	Clear	1,375	200	272	2"	Male x Female	140	5.70	904.37
	WS-BISO-200-S-A	Solid	1,375	200	272	2"	Male x Female	140	6.20	919.15
2½"	WS-BISO-250-C-A	Clear	1,974	200	272	2½"	Female x Female	140	5.90	904.37
	WS-BISO-250-S-A	Solid	1,974	200	272	2½"	Female x Female	140	6.25	919.15
3"	WS-BISO-300-C-A	Clear	3,103	235	332	3"	Female x Female	164	11.55	1572.83
	WS-BISO-300-S-A	Solid	3,103	235	332	3"	Female x Female	164	12.30	1595.42
4"	WS-BISO-400-C-A	Clear	5,710	273	474	4"	Female x Female	220	18.15	2580.27
	WS-BISO-400-S-A	Solid	5,710	273	474	4"	Female x Female	220	18.95	2595.90
6"	WS-BISO-600-S-A	Solid	13,538	360	510	6"	Female x Female	310	32.00	3515.07

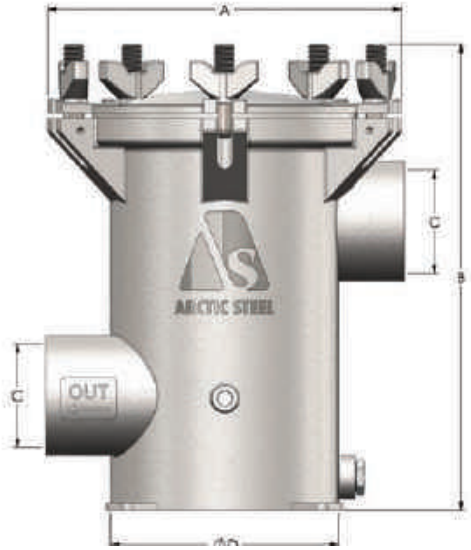
Price Group: HS

AS20

ARCTIC STEEL

SISO Strainers - Side Inlet, Side Outlet

Application:	Suitable for applications where a superior corrosion resistant stainless steel is required to filter liquids. Commonly used to strain seawater for engines, generators, HVAC systems in vessels, however can be used for other liquids that require a high grade stainless steel filter to protect pumps, nozzles and injectors from large particles.
Body Material:	Electro-polished AISI 2205 cast stainless steel
Lid Material:	Electro-polished AISI 2205 cast stainless steel
Features:	• Offset inlet and outlet for improved performance • Free standing, base mounted • Secured by 5 wing nuts for safe, quick and easy access • No tools required • Swing down eye bolts eliminates need to remove nuts • BSP thread inlet and outlet, flanges available on request • Full height high impact resistant ABS basket • Cast anode connection point to combat galvanic corrosion • Drain plug • Lower outlet position allows for applications that require a header tank or mounting above the waterline
Options:	• 316 stainless steel basket • Clear polycarbonate or solid lid





Size BSP (inch)	Part No.	Lid	Flow Rate 1 Bar L/Min	Lid Width A mm	Height B mm	Thread Size C BSP	Thread Type	Body Width D mm	Weight (kg)	Price $ (ea)
1"	WS-SISO-100-C-A	Clear	332	150	235	1"	Female x Female	95	3.60	603.23
	WS-SISO-100-S-A	Solid	332	150	235	1"	Female x Female	95	3.75	614.53
1¼"	WS-SISO-125-C-A	Clear	535	200	269	1¼"	Female x Female	133	6.39	842.90
	WS-SISO-125-S-A	Solid	535	200	269	1¼"	Female x Female	133	6.85	860.81
1½"	WS-SISO-150-C-A	Clear	171	200	269	1½"	Female x Female	133	6.45	842.90
	WS-SISO-150-S-A	Solid	171	200	269	1½"	Female x Female	133	6.75	860.81
2"	WS-SISO-200-C-A	Clear	1,349	200	269	2"	Female x Female	133	6.40	842.90
	WS-SISO-200-S-A	Solid	1,349	200	269	2"	Female x Female	133	6.90	860.81
2½"	WS-SISO-250-C-A	Clear	1,882	235	365	2½"	Female x Female	164	13.35	1671.65
	WS-SISO-250-S-A	Solid	1,882	235	365	2½"	Female x Female	164	13.95	1694.92
3"	WS-SISO-300-C-A	Clear	2,761	235	365	3"	Female x Female	164	14.30	1671.65
	WS-SISO-300-S-A	Solid	2,761	235	365	3"	Female x Female	164	15.15	1694.92
4"	WS-SISO-400-C-A	Clear	5,366	273	478	4"	Female x Female	221	22.95	2939.89
	WS-SISO-400-S-A	Solid	5,366	273	478	4"	Female x Female	221	23.75	2998.94

Price Group: HS

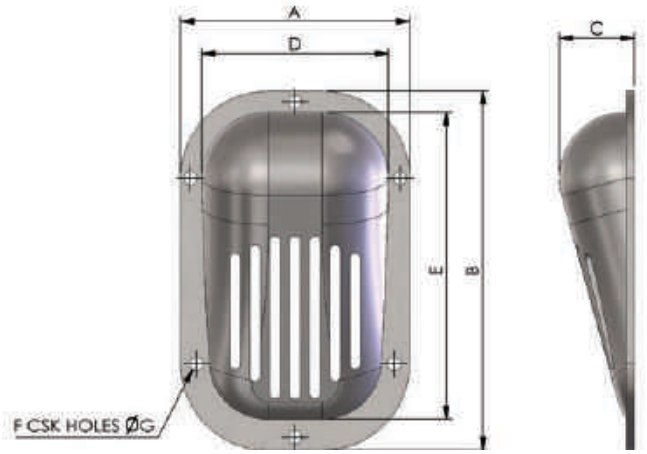
AS21

ARCTIC STEEL

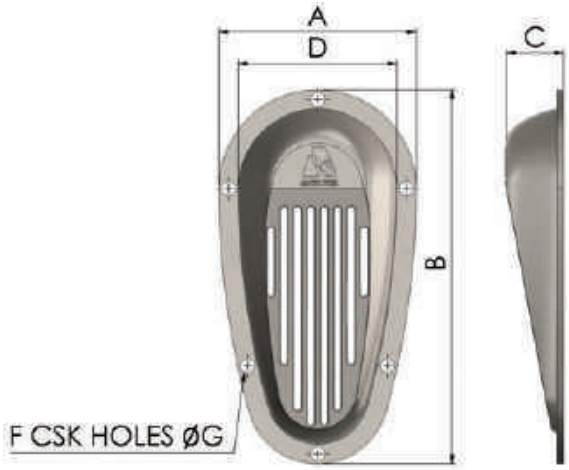
Inlet Scoop Strainers



Application:	Designed to scoop water into thru hull fittings when the boat is in motion, at the same time preventing large particles and debris from entering the marine systems aboard.
Material:	Solid cast 2205 stainless steel



Style A



Style B

Size (mm)	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Style	Fits Thru Hulls	Weight (kg)	Price $ (ea)
140 x 100	ISS140-100	100	140	28	70	115	6	5	A	½", ¾", 1"	0.40	59.98
210 x 115	ISS210-115	115	210	32	82	180	6	5	B	1¼", 1½"	0.65	88.48
315 x 160	ISS315-160	160	315	50	127	280	8	5	B	2", 2½", 3"	1.8	212.73
410 x 206	ISS410-206	206	410	60	170	370	10	5	B	4"	3.9	286.13
510 x 280	ISS510-280	275	507	70	230	470	12	6	B	6"	4.7	554.75

Price Group: HS

AS22

Inlet Rose Strainers



Size (mm)	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Fits Thru Hulls	Weight (kg)	Price $ (ea)
90	IRS-90	90	66	23	4	5	½", ¾", 1"	0.10	40.20
150	IRS-150	153	118	35	6	5	1¼", 1½", 2", 2½", 3"	0.65	58.39

Price Group: HS

AS22

ARCTIC STEEL

Thru Hull Skin Fittings

Material:	Solid cast 2205 stainless steel

Thread BSP (inch)	Part No.	A (mm)	B (mm)	C (mm)	D (mm)	Fits Inlet Scoops	Weight (kg)	Price $ (ea)
½"	TH/SF-050A	38	12	55	38	ISS140-100, IRS-90	0.20	43.84
¾"	TH/SF-075A	45	18.5	65	45	ISS140-100, IRS-90	0.25	51.29
1"	TH/SF-100A	51.5	24	86	51.5	ISS140-100, IRS-90	0.40	65.46
1¼"	TH/SF-125A	61.5	30.9	85	63.5	ISS210-115, IRS-150	0.50	109.84
1½"	TH/SF-150A	70	40	85	70	ISS210-115, IRS-150	0.55	79.35
2"	TH/SF-200A	84	50.8	100	84	ISS315-160, IRS-150	0.80	116.79
2½"	TH/SF-250A	98	62.5	100	98	ISS315-160, IRS-150	1.30	241.16
3"	TH/SF-300A	116	78	124	116	ISS315-160, IRS-150	1.65	194.84
4"	TH/SF-400A	145	94	150	145	ISS410-206	3.60	503.36
Long Reach ¾"	TH/SF-LR-075A	45	18.5	110	45	ISS140-100	0.35	63.17
Long Reach 1"	TH/SF-LR-100A	51.5	24	110	51.5	ISS140-100	0.45	70.92
Long Reach 1½"	TH/SF-LR-150A	70	40	114.5	70	ISS210-115	0.60	101.75

Price Group: HS

AS23



Water Strainer Accessories
ABS Plastic Baskets

Size (inch)	Style	Part No.	Weight (kg)	Price $ (ea)
1" , 1½"	BISO	WS-BISO-150-005	0.05	18.25
2", 2½"	BISO	WS-BISO-250-005	0.20	21.47
3"	BISO	WS-BISO-300-005	0.25	28.64
4"	BISO	WS-BISO-400-005	0.45	39.97
6"	BISO	WS-BISO-600-005	0.75	48.46
1"	SISO	WS-SISO-100-005	0.05	18.16
1¼", 1½", 2"	SISO	WS-SISO-200-005	0.15	25.79
2½", 3"	SISO	WS-SISO-300-005	0.40	POR
4"	SISO	WS-SISO-400-005	0.60	POR

Price Group: HS

AS24



ARCTIC STEEL

316 Stainless Steel Baskets



BISO

SISO

Size (inch)	Style	Part No.	Weight (kg)	Price $ (ea)
1", 1½"	BISO	WS-BISO150-011-2	0.10	103.64
2", 2½"	BISO	WS-BISO250-011-2	0.45	140.88
3"	BISO	WS-BISO300-011-2	0.35	164.97
4"	BISO	WS-BISO400-011-2	0.55	218.99
6"	BISO	WS-BISO600-011-2	1.26	302.91
1¼", 1½", 2"	SISO	WS-SISO200-011-2	0.35	197.11
3"	SISO	WS-SISO300-011-2	0.85	249.52
4"	SISO	WS-SISO400-011-2	1.30	372.69

Price Group: HS

AS24

Strainer Mounting Bracket



BISO Strainer Size (inch)	Style	Part No.	Weight (kg)	Price $ (ea)
1", 1½"	BISO	WS-BR-150	0.40	62.26
2", 2½"	BISO	WS-BR-250	0.55	77.84
3"	BISO	WS-BR-300	0.60	84.48
4"	BISO	WS-BR-400	0.90	98.10

Price Group: HS

AS24

Adjustable Arms



Size	Part No.	Weight (kg)	Price $ (ea)
100mm	WS-ADJ-BR-ARM100	0.60	60.16
150mm	WS-ADJ-BR-ARM150	0.65	63.64
200mm	WS-ADJ-BR-ARM200	0.65	66.38

Price Group: HS

AS24

Strainer 316 Wing Nuts



Size	Part No.	Description	Weight (kg)	Price $ (ea)
10mm	WS-WNSS-M10	Suits all strainers	0.20	7.84

Price Group: HS

AS24

Replacement Solid Lid



Size (inch)	Style	Part No.	Weight (kg)	Price $ (ea)
1", 1½"	BISO	WS-150-002	0.45	91.92
1"	SISO			
2", 2½"	BISO	WS-250-002	1.10	182.58
1¼", 1½", 2"	SISO			
3"	BISO	WS-300-002	1.95	220.18
2½", 3"	SISO			
4"	BISO	WS-400-002	2.50	297.14
	SISO			
6"	BISO	WS-600-002	4.50	465.56

Price Group: HS

AS24

ARCTIC STEEL

N

Replacement Cear Lid Kit and Separate Parts

Size (inch)	Style	Part No.	Description	Weight (kg)	Price $ (ea)
1", 1½"	BISO	WS-150-010	Clear Lid Kit (Cast ring & Poly Disc)	0.30	95.02
1"	SISO				
1", 1½"	BISO	WS-150-003	Cast Retaining Ring Only	0.25	59.21
1"	SISO				
1", 1½"	BISO	WS-150-004	Polycarbonate Disc Only	0.50	35.80
1"	SISO				
2", 2½"	BISO	WS-250-010	Clear Lid Kit (Cast ring & Poly Disc)	0.70	164.68
1¼", 1½", 2"	SISO				
2" , 2½"	BISO	WS-250-003	Cast Retaining Ring Only	0.50	111.00
1¼", 1½", 2"	SISO				
2" , 2½"	BISO	WS-250-004	Polycarbonate Disc Only	0.15	53.71
1¼", 1½", 2"	SISO				
3"	BISO	WS-300-010	Clear Lid Kit (Cast ring & Poly Disc)	1.00	196.92
2½", 3"	SISO				
3"	BISO	WS-300-003	Cast Retaining Ring Only	0.70	114.56
2½", 3"	SISO				
3"	BISO	WS-300-004	Polycarbonate Disc Only	0.30	82.35
2½", 3"	SISO				
4"	BISO	WS-400-010	Clear Lid Kit (Cast ring & Poly Disc)	1.87	295.35
	SISO				
4"	BISO	WS-400-003	Cast Retaining Ring Only	1.45	202.28
	SISO				
4"	BISO	WS-400-004	Polycarbonate Disc Only	0.42	107.39
	SISO				



Price Group: HS

AS24

Strainer Gaskets

Size (inch)	Style	Part No.	Weight (kg)	Price $ (ea)
1", 1½"	BISO	WS-150-006	0.02	6.72
1"	SISO			
2", 2½"	BISO	WS-250-006	0.05	9.30
1¼", 1½", 2"	SISO			
3"	BISO	WS-300-006	0.05	12.17
2½", 3"	SISO			
4"	BISO	WS-400-006	0.10	13.61
	SISO			
6"	BISO	WS-600-006	0.13	17.90



Price Group: HS

AS24

Valves

Options:	316 Stainless Steel Valves for Marine please refer to the Valve Section – M • Ball Valves pages 488. • Gate Valves pages 496. • Butterfly Valves pages 503.

Hose

Options:	A wide range of hoses are available for Marine including, Wet Exhaust, Fuel, Sanitation and a wide variety of PVC. Please refer to the Hose section – A, and look for the Marine Symbol - pages 60.

N

ARCTIC STEEL

Plasson® Fittings Index



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Metric Fittings

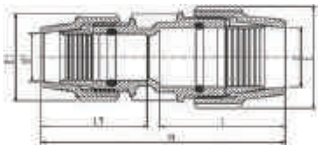
Application:	Plasson Compression Fittings are designed for connecting all forms of PE Pipe. Common applications include Underground and Surface Mining, Plumbing, Irrigations, Civil Construction, Gas Installation, Industrial Fluid Transfer and Waste Water Systems.
Body Material:	Polypropylene, high-grade copolymer
Nut Material:	Polypropylene, high-grade copolymer
Split Ring Material:	Polyacetal
Seal Material:	NBR
Pressure Rater Water:	PN16
Product Components:	2 Split Rings, 2 Seals, 2 Nuts
Standards:	ISO 17885, AS/NS 4129, ISO 7/1, BS 21, DIN 2999, UNI 9561, NEN 3258, AS 1722, DIN 8076
Chemical Resistance:	Polyacetal split rings and NBR seals, suitable for water, are supplied as standard. CPVC split rings and EPDM or FPM seals are available. For agressive chemical applications, the end user is advised to test suitability.
Operating Temperatures:	Maximum temperature of use for fittings and valves is the same as that for polyethylene pipe and the are not intended for use in hot water applications. The will withstand sub-zero temperatures.



7110 - Metric Reducing Coupling

d (mm)	d1 (mm)	Part No.	H (mm)	E (mm)	E1 (mm)	I (mm)	I1 (mm)	Weight (g)	Price $
25	16	PCF-COUP-25-16	113	54	39	58	50	88	11.79
25	20	PCF-COUP-25-20	119	54	48	58	57	100	11.79
32	20	PCF-COUP-32-20	140	64	48	67	57	142	16.46
32	25	PCF-COUP-32-25	133	64	54	67	58	143	16.46
40	25	PCF-COUP-40-25	156	82	54	84	58	219	25.76
40	32	PCF-COUP-40-32	156	82	64	84	67	245	25.76
50	25	PCF-COUP-50-25	176	96	54	93	58	304	36.90
50	32	PCF-COUP-50-32	175	96	64	98	62	332	36.90
50	40	PCF-COUP-50-40	184	96	82	93	84	380	36.90
75	50	PCF-COUP-75-50	245	134	96	132	98	845	105.21
75	63	PCF-COUP-75-63	252	134	113	132	112	960	105.21
90	75	PCF-COUP-90-75	330	154	134	170	134	1609	156.26
110	90	PCF-COUP-110-90	378	181	154	194	162	2643	259.35





Price Group: SD

MS01

7115 - Metric Mine Reducing Coupling

d (mm)	d1 (mm)	Part No.	H (mm)	E (mm)	E1 (mm)	I (mm)	I1 (mm)	Weight (g)	Price $
63	25	PCF-COUP-63-25	193	113	54	110	58	461	49.67
63	32	PCF-COUP-63-32	197	113	64	110	62	486	49.67
63	40	PCF-COUP-63-40	208	113	82	110	82	546	49.67
63	50	PCF-COUP-63-50	214	113	96	110	93	574	49.67
90	63	PCF-COUP-90-63	292	154	113	170	115	1415	156.26
110	63	PCF-COUP-110-63	393	181	181	194	194	3662	416.17

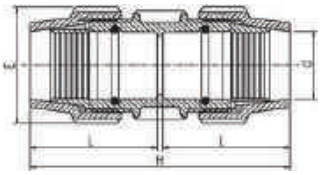


Price Group: SD

MS01

7010 - Metric Couplings





d (mm)	Part No.	H (mm)	E (mm)	I (mm)	Weight (g)	Price $
20	PCF-COUP-20	122	48	59	93	9.80
25	PCF-COUP-25	126	54	61	110	10.13
32	PCF-COUP-32	145	64	71	187	15.21
40	PCF-COUP-40	177	82	87	310	24.00
50	PCF-COUP-50	201	96	98	455	34.36
75	PCF-COUP-75	278	134	138	1183	95.04
90	PCF-COUP-90	335	154	165	1898	150.21
110	PCF-COUP-110	393	181	194	3129	201.96

Price Group: SD

MS01

7015 - Metric Mine Couplings



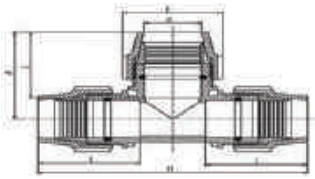
d (mm)	Part No.	H (mm)	E (mm)	I (mm)	Weight (g)	Price $
63	PCF-COUP-63	230	113	113	741	38.75

Price Group: SD

MS01

7040 - Metric Equal Tee





d (mm)	Part No.	A (mm)	H (mm)	E (mm)	I (mm)	Weight (g)	Price $
16	PCF-TEE-16	63	126	39	50	83	14.71
20	PCF-TEE-20	73	145	48	56	141	20.07
25	PCF-TEE-25	78	156	54	58	173	17.70
32	PCF-TEE-32	93	185	64	67	285	32.83
40	PCF-TEE-40	111	221	82	86	501	46.85
50	PCF-TEE-50	126	252	96	95	738	68.07
75	PCF-TEE-75	177	353	132	132	1885	150.21
90	PCF-TEE-90	220	439	154	165	3161	228.87
110	PCF-TEE-110	292	583	181	194	5584	348.93

Price Group: SD

MS01

7045 - Metric Mine Tee



d (mm)	Part No.	A (mm)	H (mm)	E (mm)	I (mm)	Weight (g)	Price $
63	PCF-TEE-63	146	294	113	110	1215	71.96

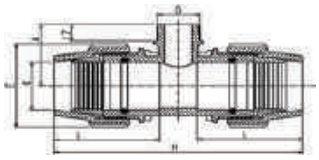
Price Group: SD

MS01

7840 - Metric Tee x Male BSP

d (mm)	G (mm)	Part No. UOM	A (mm)	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
20	1/2"	PCF-TEE-20-15M	46	138	48	56	17	105	16.88
20	3/4"	PCF-TEE-20-20M	46	144	48	56	18	108	16.88
25	1/2"	PCF-TEE-25-15M	48	146	54	58	17	134	15.82
25	3/4"	PCF-TEE-25-20M	50	146	54	58	18	137	16.46
32	1"	PCF-TEE-32-25M	58	170	64	67	20	218	27.05
40	1 1/2"	PCF-TEE-40-40M	71	205	82	84	22	376	35.33
50	1 1/2"	PCF-TEE-50-40M	77	230	96	93	22	520	58.55





Price Group: SD

MS01

7845 - Metric Mine Tee x Male BSP

d (mm)	G (mm)	Part No. UOM	A (mm)	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63	2"	PCF-TEE-63-50M	92	272	113	110	26	877	74.27



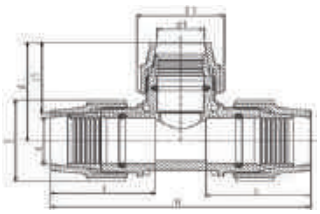
Price Group: SD

MS01

7340 - Metric Reducing Tee

d (mm)	d1 (mm)	Part No.	A (mm)	H (mm)	E (mm)	E1 (mm)	I (mm)	I1 (mm)	Weight (g)	Price $
32	25	PCF-TEE-32-25	63	173	64	54	67	58	256	29.32
40	25	PCF-TEE-40-25	84	205	82	54	84	58	412	48.56
50	25	PCF-TEE-50-25	105	228	96	54	93	76	543	68.17
50	32	PCF-TEE-50-32	117	230	96	64	93	67	645	68.17
50	40	PCF-TEE-50-40	114	236	113	64	113	62	892	68.17
75	63	PCF-TEE-75-63	153	353	132	113	132	109	1667	172.50
110	63	PCF-TEE-110-63	292	583	181		194		6128	483.50





Price Group: SD

MS01

7345 - Metric Mine Reducing Tee

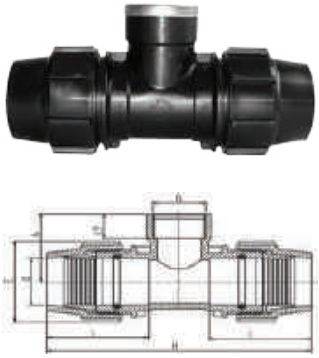
d (mm)	d1 (mm)	Part No.	A (mm)	H (mm)	E (mm)	E1 (mm)	I (mm)	I1 (mm)	Weight (g)	Price $
63	32	PCF-TEE-63-32	118	268	113	82	113	84	892	100.17
63	50	PCF-TEE-63-50	132	275	113	96	110	93	1020	100.17



Price Group: SD

MS01

7140 - Metric Tee x Female BSP



d (mm)	G (mm)	Part No.	A (mm)	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
16	1/2"	PCF-TEE-16-15F	42	122	39	50	17	62	13.46
16	3/4"	PCF-TEE-16-20F	41	122	39	50	19	65	13.46
20	3/4"	PCF-TEE-20-20F	45	144	48	56	19	110	16.05
25	1/2"	PCF-TEE-25-15F	45	151	54	58	18	130	16.05
25	3/4"	PCF-TEE-25-20F	48	151	54	58	19	140	16.05
25	1"	PCF-TEE-25-25F	53	158	54	58	51	140	16.56
25	1 1/4"	PCF-TEE-25-32F	64	158	54	58	25	194	22.29
32	3/4"	PCF-TEE-32-20F	51	177	64	67	19	209	26.68
32	1"	PCF-TEE-32-25F	54	177	64	67	21	213	26.68
32	1 1/4"	PCF-TEE-32-32F	65	182	64	67	25	253	26.68
40	1"	PCF-TEE-40-25F	61	203	82	84	21	357	39.03
40	1 1/4"	PCF-TEE-40-32F	70	217	82	84	24	403	39.03
40	1 1/2"	PCF-TEE-40-40F	70	217	82	84	25	413	38.85
50	1 1/2"	PCF-TEE-50-40F	76	244	96	93	25	573	57.16
50	2"	PCF-TEE-50-50F	80	244	96	93	30	588	57.16
75	2"	PCF-TEE-75-50F	110	359	134	132	30	1456	127.45
90	3'	PCF-TEE-90-75F	116	419	154	165	40	2354	235.62

Price Group: SD

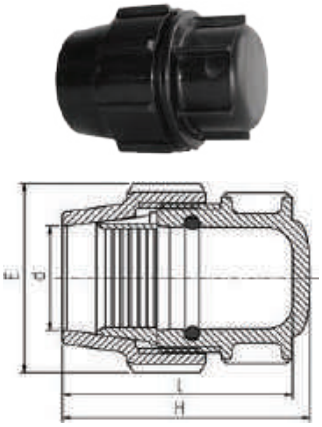
MS01

7145 - Metric Mine Tee x Female BSP



d (mm)	G (mm)	Part No.	A (mm)	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63	2"	PCF-TEE-63-50F	95	272	113	110	30	912	69.74

7120 - Metric End Plug



d (mm)	Part No.	A (mm)	E (mm)	I (mm)	Weight (g)	Price $
25	PCF-PLUG-25	82	54	77	72	7.40
32	PCF-PLUG-32	92	64	87	108	7.54
40	PCF-PLUG-40	102	82	97	186	15.35
50	PCF-PLUG-50	121	96	114	269	20.81
75	PCF-PLUG-75	172	134	155	710	75.75
90	PCF-PLUG-90	212	154	170	1139	105.86

Price Group: SD

MS01

7125 - Metric Mine End Plug



d (mm)	Part No.	A (mm)	E (mm)	I (mm)	Weight (g)	Price $
63	PCF-PLUG-63	145	113	122	448	35.42

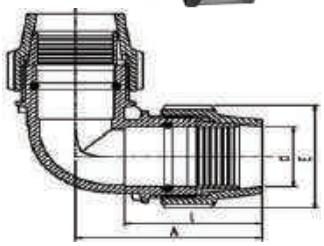
Price Group: SD

MS01

7050 - Metric Elbow

d (mm)	Part No.	A mm)	E (mm)	I (mm)	Weight (g)	Price $
16	PCF-ELB90-16	63	39	50	57	11.05
20	PCF-ELB90-20	73	48	56	95	14.75
25	PCF-ELB90-25	79	54	58	122	13.23
32	PCF-ELB90-32	93	64	67	187	20.44
40	PCF-ELB90-40	108	82	82	341	33.34
50	PCF-ELB90-50	127	96	93	495	43.47
75	PCF-ELB90-75	178	134	132	1304	98.18
90	PCF-ELB90-90	217	154	162	2168	153.95
110	PCF-ELB90-110	292	181	194	3810	202.23





Price Group: SD

MS01

7055 - Metric Mine Elbow

d (mm)	Part No.	A (mm)	E (mm)	I (mm)	Weight (g)	Price $
63	PCF-ELB90-63	151	113	110	838	52.15



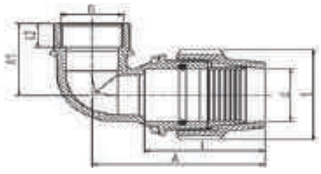
Price Group: SD

MS01

7150 - Metric Elbow x Female BSP

d (mm)	G (mm)	Part No.	A (mm)	A1 (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
20	19.05	PCF-ELB-20-20F	78	44	48	57	19	71	10.13
25	19.05	PCF-ELB-25-20F	81	46	54	58	19	81	11.10
25	12.70	PCF-ELB-25-15F	81	46	54	58	18	86	10.50
25	25.40	PCF-ELB-25-25F	83	50	54	58	21	90	11.10
32	25.40	PCF-ELB-32-25F	95	54	64	67	21	136	16.93
32	31.75	PCF-ELB-32-32F	99	60	64	67	25	167	16.93
40	25.40	PCF-ELB-40-25F	119	52	82	84	21	201	26.92
40	31.75	PCF-ELB-40-32F	119	62	82	84	25	245	26.92
40	38.10	PCF-ELB-40-40F	119	62	82	84	25	261	26.92
50	25.40	PCF-ELB-50-25F	133	57	96	93	21	280	38.25
50	31.75	PCF-ELB-50-32F	133	67	96	93	25	312	38.25
50	38.10	PCF-ELB-50-40F	135	66	96	93	25	344	38.25
50	50.80	PCF-ELB-50-50F	138	85	96	93	30	387	38.25
75	50.80	PCF-ELB-75-50F	188	100	134	132	30	810	80.88





Price Group: SD

MS01

7155 - Metric Elbow x Female BSP

d (mm)	G (mm)	Part No.	A (mm)	A1 (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63	2"	PCF-ELB-63-50F	160	90	113	110	30	559	45.64



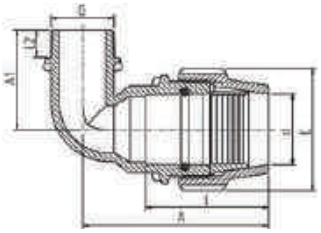
Price Group: SD

MS01

PLASSON

7850 - Metric Elbow x Male BSP





d (mm)	G (mm)	Part No.	A (mm)	A1 (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
20	3/4"	PCF-ELB-20-20M	7	43	48	57	18	59	10.31
25	1/2"	PCF-ELB-25-15M	85	47	54	17	10	70	13.87
25	3/4"	PCF-ELB-25-20M	90	48	54	58	18	79	13.87
25	1"	PCF-ELB-25-25M	90	54	54	58	20	84	13.87
32	1"	PCF-ELB-32-25M	104	55	64	67	20	128	19.70
32	1 1/4"	PCF-ELB-32-32M	104	58	64	67	22	135	19.70
40	1"	PCF-ELB-40-25M	124	60	82	84	20	196	34.04
40	1 1/2"	PCF-ELB-40-40M	124	66	82	84	22	220	34.04
50	1 1/2"	PCF-ELB-50-40M	144	74	96	93	22	321	38.01
50	2"	PCF-ELB-50-50M	144	76	96	93	26	373	38.01
75	3"	PCF-ELB-75-75M	202	110	154	165	35	1300	64.93

Price Group: SD

MS01

7855 - Metric Mine Elbow x Male BSP



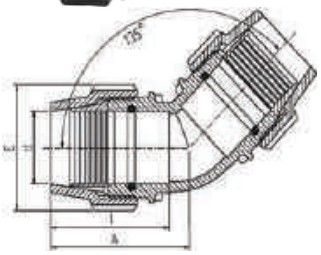
d (mm)	G (mm)	Part No.	A (mm)	A1 (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63	2"	PCF-ELB-63-50M	170	92	113	110	26	518	52.49

Price Group: SD

MS01

7060 - 45º Metric Elbow





d (mm)	Part No.	A (mm)	E (mm)	I (mm)	Weight (g)	Price $
32	PCF-ELB45-32	92	64	67	189	24.23
50	PCF-ELB45-50	110	96	93	474	51.29
110	PCF-ELB45-110	235	181	194	3418	285.20

Price Group: SD

MS01

7065 - 45º Metric Mine Elbow



d (mm)	Part No.	A (mm)	E (mm)	I (mm)	Weight (g)	Price $
63	PCF-ELB45-63	130	113	110	772	69.42

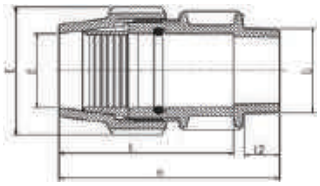
Price Group: SD

MS01

7020 - Metric Adaptor x BSP Male

d (mm)	G (mm)	Part No.	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
20	1/2"	PCF-AM-20-15	92	48	71	17	58	6.71
20	3/4"	PCF-AM-20-20	92	48	71	18	59	6.71
20	1"	PCF-AM-20-25	86	48	52	20	60	6.71
25	1/2"	PCF-AM-25-15	94	54	72	17	68	7.03
25	3/4"	PCF-AM-25-20	95	54	72	18	73	7.03
25	1"	PCF-AM-25-25	97	54	72	20	79	6.26
32	1"	PCF-AM-32-25	107	64	83	20	122	10.45
32	1 1/4"	PCF-AM-32-32	110	64	83	22	114	10.45
40	1"	PCF-AM-40-25	118	82	91	20	184	14.34
40	1 1/4"	PCF-AM-40-32	117	82	90	22	185	14.34
40	1 1/2"	PCF-AM-40-40	117	82	90	22	185	14.34
40	2"	PCF-AM-40-50	123	82	91	26	208	14.34
50	1 1/4"	PCF-AM-50-32	136	96	106	22	265	22.48
50	1 1/2"	PCF-AM-50-40	136	96	109	22	276	22.48
50	2"	PCF-AM-50-50	140	96	109	26	283	22.48
75	2"	PCF-AM-75-50	188	132	150	26	710	72.33
75	2 1/2"	PCF-AM-75-63	191	132	150	29	712	72.33
75	3"	PCF-AM-75-75	195	132	150	33	178	72.33
90	2"	PCF-AM-90-50	227	152	170	26	1123	105.86
90	3"	PCF-AM-90-75	232	152	170	33	1133	105.86
110	2"	PCF-AM-110-50	261	181	213	26	1845	176.66
110	3"	PCF-AM-110-75	256	181	213	34	1850	176.66
110	4"	PCF-AM-110-100	265	181	213	42	1872	181.98





Price Group: SD

MS01

7025 - Metric Mine Adaptor x BSP Male

d (mm)	G (mm)	Part No.	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63	1 1/2"	PCF-AM-63-40	154	113	123	22	450	31.17
63	2"	PCF-AM-63-50	167	112	123	26	461	32.09
63	2 1/2"	PCF-AM-63-63	160	113	123	29	459	31.17

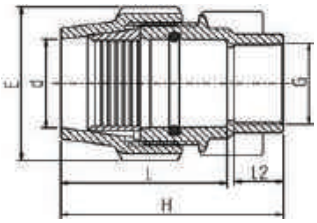


Price Group: SD

MS01

7030 - Metric Adaptor x BSP Female





d (mm)	G (mm)	Part No.	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
16	1/2"	PCF-AF-16-15	73	39	52	19	36	7.77
20	1/2"	PCF-AF-20-15	82	48	60	19	60	8.05
20	3/"	PCF-AF-20-20	82	48	60	19	58	8.05
20	1"	PCF-AF-20-25	92	48	57	21	68	8.05
25	3/4"	PCF-AF-25-20	88	54	63	21	83	9.34
25	1"	PCF-AF-25-25	88	54	63	21	78	8.30
32	1"	PCF-AF-32-25	94	64	69	21	115	11.19
32	1 1/4"	PCF-AF-32-32	96	64	67	25	140	16.09
40	1"	PCF-AF-40-25	112	82	84	21	178	16.09
40	1 1/2"	PCF-AF-40-40	114	82	84	25	225	16.09
50	1 1/2"	PCF-AF-50-40	123	96	93	25	276	21.74
50	2"	PCF-AF-50-50	128	96	93	30	293	21.74
75	2"	PCF-AF-75-50	175	132	132	30	662	72.00
90	2"	PCF-AF-90-50	213	154	183	30	1137.9	107.01
90	3"	PCF-AF-90-75	223	154	183	40	1204	107.01
110	3"	PCF-AF-110-75	261	181	213	40	1915	199.92
110	4"	PCF-AF-110-100	271	181	213	50	2048	199.92

Price Group: SD

MS01

7035 - Metric Mine Adaptor x BSP Female



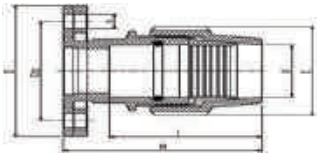
d (mm)	G (mm)	Part No.	H (mm)	E (mm)	I (mm)	I2 (mm)	Weight (g)	Price $
63		PCF-AF-63-50	148	113	110	30	442	39.91

Price Group: SD

MS01

7220 - Metric Flanged x Adaptors





d (mm)	DN (TE)	Part No.	D (mm)	H (mm)	Dp (mm)	E (mm)	I (mm)	S (mm)	Weight (g)	Price $
50	2"	PCF-AFL-50-50	165	128	125	96	93	18	1507	93.42
63	2 1/2"	PCF-AFL-50-63	165	145	125	113	110	18	1559	93.42
75	3"	PCF-AFL-75-75	185	164	145	134	152	18	2089	135.78
90	4"	PCF-AFL-90-100	220	195	180	154	183	18	3161	155.57
110	4"	PCF-AFL-110-100	220	235	180	181	222	18	3322	181.79

Price Group: SD

MS01

7225 - Metric Mine Flanged x Adaptors



d (mm)	DN (TE)	Part No.	D (mm)	H (mm)	Dp (mm)	E (mm)	I (mm)	S (mm)	Weight (g)	Price $
63	2 1/2""	PCF-AFL-63-63	165	145	125	113	110	18	1559	108.45

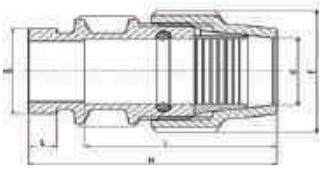
Price Group: SD

MS01

7320 - Metric Shouldered Adaptor

d (mm)	DN (mm)	Part No.	L (mm)	H (mm)	B (mm)	E (mm)	I (mm)	Weight (g)	Price $
50	50 / 2"	PCF-ASH-50-50	16	138	67	96	109	292	33.25
63	50 / 2"	PCF-ASH-63-50	16	156	67	113	123	437	35.84
90	100 / 4"	PCF-ASH-90-100	16	231	123	154	170	1213	102.39
110	100 / 4"	PCF-ASH-110-100	16	255	123	181	213	1874	140.40





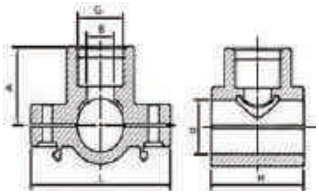
Price Group: SD

MS01

1607 - Metric Tapping Saddles

d (mm)	G (mm)	Part No.	L (mm)	A (mm)	H (mm)	B (mm)	Weight (g)	Price $
32	1/2"	PTF-SAD-32-15	92	40	60	16	133	11.42
32	3/4""	PTF-SAD-32-20	92	41	60	16	135	11.42
32	1"	PTF-SAD-32-25	92	42	60	20	142	11.42
40	3/4"	PTF-SAD-40-20	92	46	60	19	143	12.95
40	1"	PTF-SAD-40-25	92	49	60	25	151	12.95
50	3/4"	PTF-SAD-50-20	106	52	73	21	180	14.52
50	1"	PTF-SAD-50-25	106	54	73	25	187	14.52
63	3/4"	PTF-SAD-63-20	116	59	84	20	279	18.78
63	1"	PTF-SAD-63-25	116	61	84	25	286	18.78
63	1 1/4"	PTF-SAD-63-32	116	66	84	32	308	18.78
63	1 1/2"	PTF-SAD-63-40	116	67	84	39	322	18.78
75	1"	PTF-SAD-75-25	122	67	98	25	376	23.03
75	2"	PTF-SAD-75-50	122	78	98	40	433	23.03
90	1"	PTF-SAD-90-25	141	75	105	25	460	27.75
90	2"	PTF-SAD-90-50	141	86	105	50	511	27.75
110	1"	PTF-SAD-110-25	165	87	116	25	567	33.99
110	2"	PTF-SAD-110-50	165	97	116	50	615	33.99
140	2"	PTF-SAD-140-50	201	112	136	50	938	63.91
160	1"	PTF-SAD-160-25	223	112	145	25	1039	88.88
160	2"	PTF-SAD-160-50	223	123	145	50	1080	88.88
180	1"	PTF-SAD-180-25	245	122	154	25	1300	109.37
180	2"	PTF-SAD-180-50	245	133	154	50	1334	109.37





Price Group: SD

MS01

7002 Metric O-Rings



d (mm)	Part No.	Weight (g)	Price $
50	PCF-ORING-50	16	1.94
63	PCF-ORING-63	18	2.91
110	PCF-ORING-110	30	6.71

Price Group: SD

MS01

7003 Split Rings



d (mm)	Part No.	Weight (g)	Price $
63	PCF-SPLIT-63	45	3.88
110	PCF-SPLIT-110	150	17.94

Price Group: SD

MS01

7004 Metric Nuts



d (mm)	Part No.	Weight (g)	Price $
63 [1]	PCF-NUT-63	166	8.42
110	PCF-NUT-110	744	62.99

[1] 63mm insert for metric mine fittings Plasson series 1400

Price Group: SD

MS01

7005 Metric Inserts



d (mm)	Part No.	Weight (g)	Price $
63	PCF-INSERT-63	45	1.48
90	PCF-INSERT-90	99	4.99
110	PCF-INSERT-110	147	6.20

Price Group: SD

MS01

7930 Metric Mine Reducing Sets



d1 (mm)	Part No.	d (mm)	E (mm)	l (mm)	Weight (g)	Price $
63	PCF-REDK-110-63	110	181	131	703	134.58

Price Group: SD

MS01

7990 Metric Wrenches



d (mm)	Part No.	Weight (g)	Price $
16 x 40 mm	PCF-SPAN-16-40	1507	18.82
40 x 75 mm	PCF-SPAN-40-75	1559	103.53
63 x 125 mm	PCF-SPAN-63-125	3161	129.03

Price Group: SD

MS01

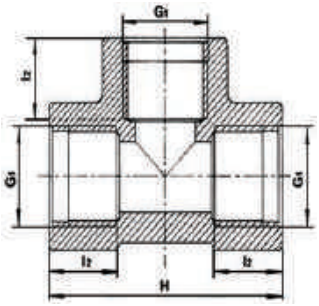
BSP Fittings



Application:	Suitable for use in General Low pressure air and water applications.
Body Material:	Polypropylene
Pressure Rater Water:	PN10
Chemical Resistance:	Line 5 threaded fittings are produced from PP and designed to work with cold water.
Recommendation:	We recommend the use of PTFE tape in threaded connections.

5040 - BSP Tee





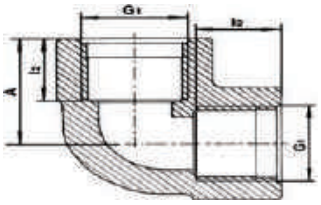
G1 (mm)	Part No.	H (mm)	l2 (mm)	Weight (g)	Price $
1/2"	PTF-TEE-15	64	18	25	6.71
3/4"	PTF-TEE-20	68	19	39	7.49
1"	PTF-TEE-25	81	21	61	9.34
1 1/2"	PTF-TEE-40	108	25	157	18.41
2"	PTF-TEE-50	130	30	205	22.80

Price Group: SD

MS01

5050 - BSP Elbow





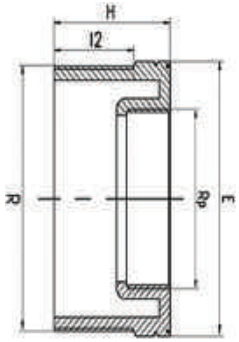
G1 (mm)	Part No.	H (mm)	l2 (mm)	Weight (g)	Price $
1/2"	PTF-EFF-15	32	17	22	POR
3/4"	PTF-EFF-20	35	18	30	POR
1"	PTF-EFF-25	41	21	45	POR
1 1/4"	PTF-EFF-32	48	25	87	POR
1 1/2"	PTF-EFF-40	54	25	116	POR
2"	PTF-EFF-50	65	30	157	POR

Price Group: SD

MS01

5020 - BSP Reducing Bush





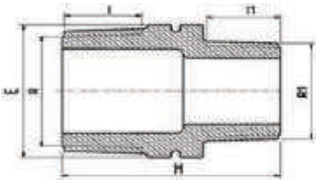
R (mm)	Rp (mm)	Part No.	H (mm)	I2 (mm)	E (mm)	Weight (g)	Price $
3/4"	1/2"	PTF-BUSH-20-15	30	17	27	6	4.12
1"	1/2"	PTF-BUSH-25-15	32	19	36	16	4.12
1"	3/4"	PTF-BUSH-25-20	32	19	36	11	4.12
1 1/4"	3/4"	PTF-BUSH-32-20	37	21	46	28	5.04
1 1/4"	1"	PTF-BUSH-32-25	37	21	46	21	5.04
1 1/2"	3/4"	PTF-BUSH-40-20	37	21	50	30	5.78
1 1/2"	1"	PTF-BUSH-40-25	37	21	50	32	5.78
1 1/2"	1 1/4"	PTF-BUSH-40-32	37	21	50	20	5.78
2"	3/4"	PTF-BUSH-50-20	41	25	63	58	6.43
2"	1"	PTF-BUSH-50-25	41	26	63	61	6.43
2"	1 1/4"	PTF-BUSH-50-32	41	26	63	55	6.43
2"	1 1/2"	PTF-BUSH-50-40	41	26	63	44	6.43
2 1/2"	2"	PTF-BUSH-65-50	44	29	80	75	19.24
3"	2"	PTF-BUSH-80-50	48	32	90	103	24.56
4"	3"	PTF-BUSH-100-80	56	41	120	222	24.56

Price Group: SD

MS01

5060 - BSP Nipple





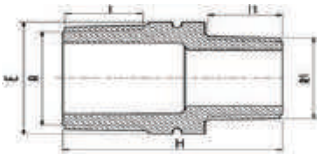
R (mm)	Part No.	H (mm)	I2 (mm)	E (mm)	Weight (g)	Price $
1/2"	PTF-HN-15	47	17	22	8	1.99
3/4"	PTF-HN-20	49	18	27	11	2.59
1"	PTF-HN-25	55	20	36	23	3.10
1 1/4"	PTF-HN-32	60	22	46	35	4.12
1 1/2"	PTF-HN-40	61	22	50	48	5.04
2"	PTF-HN-50	71	26	65	78	7.03

Price Group: SD

MS01

5060 - BSP Reducing Nipple





R (mm)	R1 (mm)	Part No.	H (mm)	I (mm)	I1 (mm)	E (mm)	Weight (g)	Price $
3/4"	1/2"	PTF-HN-20-15	47	17	16	27	10	3.01
1"	1/2"	PTF-HN-25-15	49	19	16	36	17	3.75
1"	3/4"	PTF-HN-25-20	50	19	17	36	18	3.75
2"	1"	PTF-HN-50-25	61	25	19	63	53	6.94

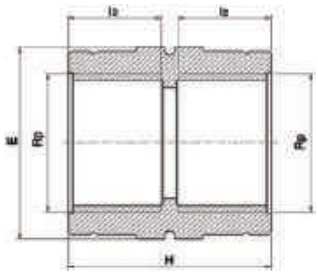
Price Group: SD

MS01

5010 - BSP Socket

Rp (mm)	Part No.	H (mm)	l2 (mm)	E (mm)	Weight (g)	Price $ (ea)
1/2"	PCF-SOC-15	39	17	30	15	POR
3/4"	PCF-SOC-20	41	19	36	19	POR
1"	PCF-SOC-25	45	21	46	31	POR
1 1/4"	PCF-SOC-32	54	25	60	65	POR
1 1/2"	PCF-SOC-40	54	25	65	76	POR
2"	PCF-SOC-50	66	31	75	92	POR

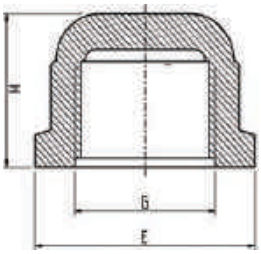




5070 - BSP End Cap

Rp (mm)	Part No.	H (mm)	l2 (mm)	E (mm)	Weight (g)	Price $ (ea)
3/4"	PTF-CAP-20	26	16	42	14	2.82
1"	PTF-CAP-25	32	19	50	27	3.47
1 1/4"	PTF-CAP-32	34	22	59	39	4.53
1 1/2"	PTF-CAP-40	34	21	65	43	6.10
2"	PTF-CAP-50	39	25	80	78	8.42

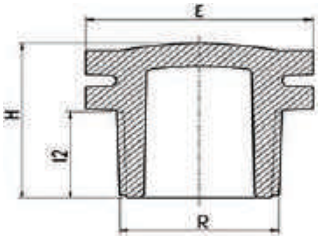




5170 - BSP End Plug

R (mm)	Part No.	H (mm)	l2 (mm)	E (mm)	Weight (g)	Price $ (ea)
1/2"	PTF-HP-15	29	16	27	8	1.90
3/4"	PTF-HP-20	31	17	32	12	1.90
1"	PTF-HP-25	34	19	36	16	2.27
1 1/4"	PTF-HP-32	38	21	46	26	3.05
1 1/2"	PTF-HP-40	39	21	55	38	3.84
2"	PTF-HP-50	45	25	65	60	5.04





Specialty Mining Products Index



P

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Pelican Picks

Features:	The pelican pick will shovel, hoe, scrape, dig trenches and pick. It is extremely durable and will stand up to the roughest treatment. Manufactured from high grade heavy gauge steel plate, the pelican pick is virtually indestructible.

Part No.	Handle	Weight (kg)	Price $ (ea)
08/080/01/000	Wooden	2.5	102.37
08/080/01/000C	High visibility (orange), shockproof	2.5	89.22

Price Group: SD

AF03



Wooden handle

High visibility (orange), shockproof handle

Rock Bolt Wedges

Features:	Diamond head to suit 1" or ⅞" wedge type rock bolts. Manufactured from SG Iron to ISO 1083 : 400-250-15 SGI. Available in pack quantity of 100 only.

Part No.	Description	Pack Qty	Price $ (ea)
08/056/03/000	Diamond Head Rock Wedges	100	8.67

Price Group: SD

AC05



Scaling Bars

Features:	Used in the mining industry for prying overhanging rock. Forged from chrome alloy steel. Heat treated blades for maximum toughness. Hexagon profile for greater control. Heel offset to 40° for optimum levering.

Alloy Steel				
Chisel Width (mm)	Bar ID (mm)	Length	Part No.	Price $ (ea)
28	20	1200mm (4')	05/100/02/295	191.94
28	20	1500mm (5')	05/100/01/112	171.72
28	20	1800mm (6')	05/100/01/113	215.25
28	20	2100mm (7')	05/100/01/111	219.02

Price Group: SD

BH02

Features:	Used in the mining industry for prying overhanging rock. Premium 6060 grade aluminium tube body for light weight and less user fatigue. Inserted steel ends forged from tough carbon manganese steel. Heel offset to 40° for optimum levering. Round profile for ease of use.

Aluminium				
Chisel Width (mm)	Bar ID (mm)	Length	Part No.	Price $ (ea)
28	25	1200mm (4')	08/100/01/065	264.40
28	25	1500mm (5')	08/100/01/946	354.17
28	25	1800mm (6')	08/100/01/066	287.39
28	25	2400mm (8')	08/100/01/861	375.11
28	25	3000mm (10')	08/100/01/279	347.19
28	25	3350mm (11')	08/100/01/182	POR
28	25	3600mm (12')	08/100/01/183	426.25
28	25	4300mm (14')	08/100/02/222	519.60
Aluminium with 2 x Rubber Hand Grips				
Chisel Width (mm)	Bar ID (mm)	Length	Part No.	Price $ (ea)
28	20	1200mm (4')	SBAR22X1200F	POR
28	20	1500mm (5')	SBAR22X1500F	POR
28	20	1800mm (6')	SBAR22X1800F	POR
28	20	2100mm (7')	SBAR22X2100F	POR

Price Group: SD

BH02

BH01



Alloy Steel

Aluminium

Aluminium with 2 x rubber hand grips

P

Scraper Block

minsup



Minsup™ Scraper Blocks possess some very intelligent features, that's why you'll find Minsup™'s 2.037 tonne scraper blocks on oil fields and construction sites, lumber yards, inside industrial workshops and in underground mines.

The unit features shielded bearings to prohibit the entry of dirt and water. During assembly the bearings are packed in grease to last for life. The hook is forged from strong, dependable alloy steel (safe up to 2.037 tonne), side plates and the sheave wheels are cast in SG Iron. The block is suitable for either (1/2") 12.7 mm or (5/8") 15.9 mm SWR.

Features

- Side plates and sheave wheel are cast in SG iron
- Hook is forged from alloy steel
- M16 bolts are 8.8 high tensile
- M16 Nyloc nuts are grade 8
- Bearing is shielded to prohibit the entry of dirt and water
- Sealed bearing used to remove the need for maintenance
- Hook swivels
- Suitable for use on (1/2") 12.7mm or (5/8") 15.9mm steel wire rope
- Safe working load 2 tonne (safety factor 5:1)
- Assembly weight 20kgs

Feature:	Unique design allows cable to be passed between latch plate and side plate eliminating reeving.

Part No.	Weight (kg)	Price $ (ea)
08/050/01X/00	20	820.18

Price Group: SD
AC04



The Snatch Principle

Minsup™ 152mm (6") Block incorporates this very smart idea. Reeving is eliminated and first entry or removal of fixed end steel rope is made easy. Note too that the hook swivels.

Safety factor 5.

P

Quotation Form
Pressure ANFO Loaders

minsup



Minsup™ pressure loaders are manufactured in several sizes 45, 100, 200, 250, 500 kg capacities and are designed for loading prilled ammonium nitrate/fuel oil (ANFO) in varying diameter drill holes, both in horizontal and vertical positions. After the loader has been filled to capacity, it is pressurised by compressed air to the pre-determined discharge pressure, thus the rate of discharge can be varied to obtain the required density and charge rate.

Specifications	
Designed & Manufactured:	In accordance with AS1210
Design Pressure:	690 kPa
Test Pressure:	1035 kPa
Working Pressure	345 kPa
Design Temperature:	38˚C

Pressure Vessel Designation

PV				
	1	2	3	4
	5	6	7	8

EXAMPLE
PV045MSTFOFMD - Pressure Vessel, 45kg capacity, mild steel body, standard height, flanged opening, open filler cone, frame mounted, manifold and dual remote control.

1. What size/capacity is required?

Anfo Size	Volume	Actual Anfo Capacity	
45kg	68 L	54kg	= 045
100kg	146 L	117kg	= 100
200kg	268 L	214kg	= 200
250kg	336 L	269kg	= 250
250kg squat	263 L	210kg	= 250
500kg	836 L	669kg	= 500
500kg squat	631 L	504kg	= 500

Note: ANFO density = 800kg/m^3

2. Body material is mild steel:

MS - Mild Steel

3. If size/capacity = 250 OR 500:

Optional squat version is available to reduce overall height.
(Refer table for dimensions)

Standard = T		Squat - Q
045	250	250
100		500
200		

4. Is on-site servicing of internal sealing cone required?

If **Yes** = **F** - Flanged Opening on Head, Sealing Cone Replaceable
If **No** = **S** - Shouldered Opening Sealing Cone Permanent

5. Does unit require lid and trash screen to aid breaking of ANFO and prevention of foreign objects from entering unit when not in use?

If **Yes** = **L** - Lid and Trash Screen
If **No** = **O** - Open Filler Cone (Standard)

6. Is unit required to be self standing or mounted?

F = Self Standing (frame)
All vessels come with frames to aid in shipping, Customer to remove if not required.

7. Do you require standard Minsup™ air system to be fitted?

M = Yes (go to question 8) (manifold and valves to be fitted)
X = No (end of quote) (no manifold)

8. What method of operation is required?

M = Manual Valve Control.
S = Actuated Loading Valve Control (single remote)
D = Actuated Loading & Venturi Valve Control (dual remote)
(this option allows blowing facility for cleaning of holes).
X = No Controls (only when no manifold specified in question 7).

Additional Notes:_____

ANFO Loader Example Base Models - Pressure

minsup

Standard with Shouldered Head



Squat with Shouldered Head



Standard with Flanged Head



Squat with Flanged Head



Flanged head allows servicing of internal sealing cone.

All vessels come with 2" shouldered outlet.
Height and Diameter dimension given includes frame and filler cone.

For pressure vessels in other sizes or configurations contact your nearest Dixon™ representative.

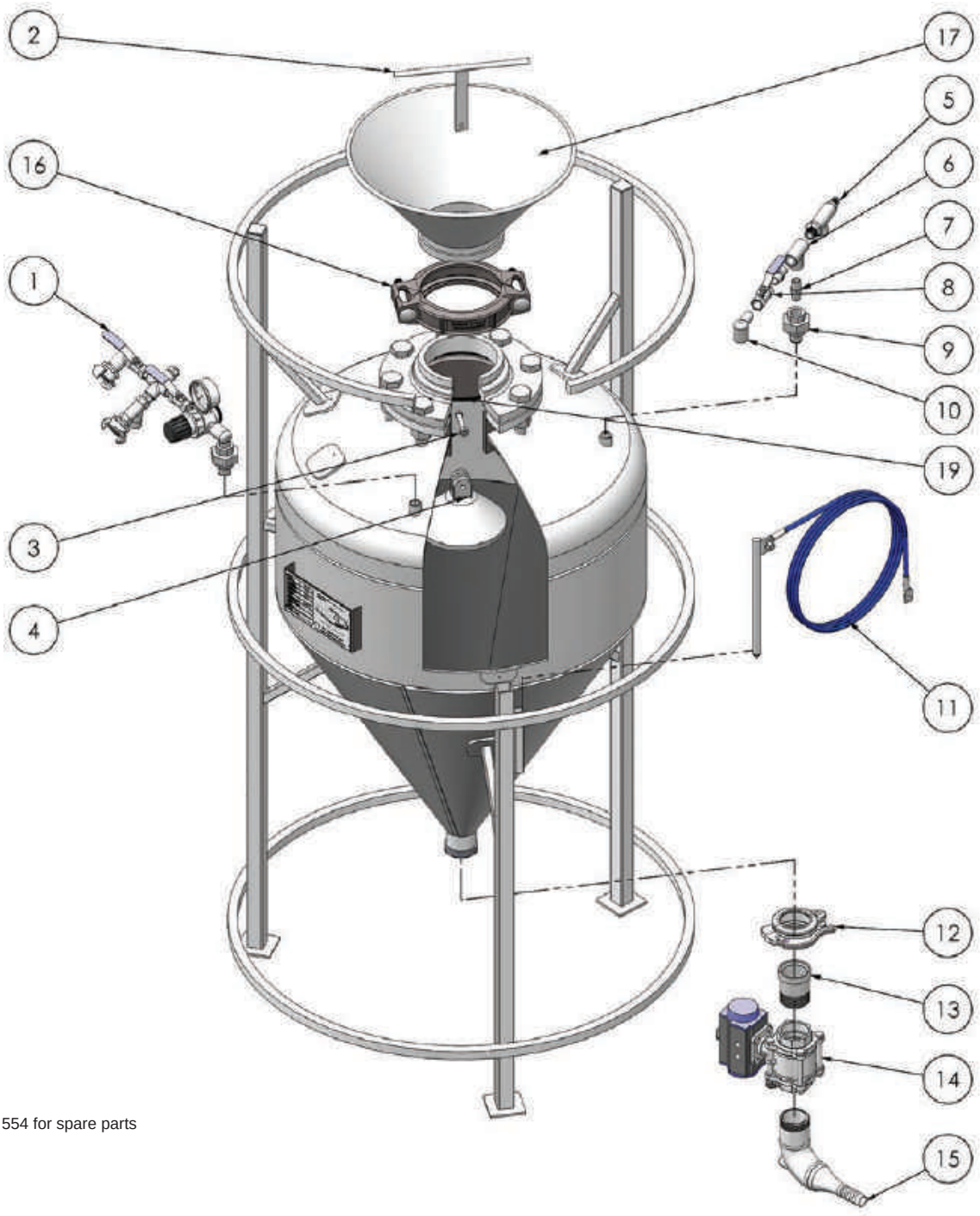
All 500kg pressure vessels come with a square frame - all others have a round frame (cylindrical).

Size (kg)	Shouldered Head		Flanged Head	
	Diameter (mm)	H (mm)	Diameter (mm)	H (mm)
Standard				
45kg	700	1440	-	-
100kg	880	1760	-	-
200kg	960	1805	960	1805
250kg	960	1955	960	1955
Squat				
250kg	1217	1720	1217	1720
500kg	1267	2160	1267	2160

AG02

ANFO Loader Spare Parts

minsup



Refer to page 554 for spare parts

Exploded View - Flanged Configuration with Remote Take-Off

Product specification may be subject to change without prior notification.

ANFO Loaders - Purchasers Responsibilities

Dixon Asia Pacific Pty Ltd manufactures pressure vessels, namely Anfo Loaders to AS1210 - 1989 - Class 3.

To comply with AS1210 SAA Unfired Pressure Vessels Code, the vessel must not be used for the transport of material under pressure.

Purchasers of anfo loaders are supplied with a copy of the Manufacturers Data Report - Pressure Vessel at point of delivery.

Purchasers are advised that the Anfo Loader (Pressure Vessel) manufactured under AS1200 is subject to Occupational Health, Safety and Welfare Regulations, 1995 (page 5 section 3.2.24(1)(a)). An employer must ensure that pressure equipment, other than a gas cylinder that is covered by AS1200 SAA Boiler Code and that is in USE, is inspected or tested in accordance with AS3788 .

Purchasers should refer to Australian Standards AS3788 - Pressure Equipment In-Service Inspection, Section 3: Inspection Personnel and Administration; **Section 4:** Pressure Equipment Inspection.

ANFO Loader Spare Parts

minsup

Preset to 690 kPa
Fitted with Anti-Tamper Seal









c/w Trash Screen & Lid



Standard

Refer to page 553 for Spare Parts Reference Guide

Ref No.	Part No.	Description	Price $ (ea)
1	08/040/01/082R	Manifold Assembly to suit remote operation	3995.28
1	08/040/01/082	Manifold Assembly to suit manual operation	3324.40
2	08/040/01/003	Handle	56.78
3	05/040/01/010	Bolt ⅜" x 2½" BSW	2.29
3	05/062/100/080	Nut ⅜" BSW	2.03
4	08/040/06/005	Sealing Cone 6"	247.71
5	05/040/01/012SS	Relief Valve ½" S/S Set to 690 kPa	2230.49
6	SS16T015	Tee ½" BSP S/S Female	10.28
7	SS16HN015	Nipple ½" BSP S/S	6.14
8	SS1P012	½" 1 Piece S/S Ball Valve	24.23
9	SS16FU015	Union ½" BSP F/F S/S	17.12
10	SS16ELMF015	Elbow ½" BSP M/F S/S	8.60
11	08/040/01/081	Earth Lead Assembly	147.14
12	08/048/19/000G	Clamp 2" Q/R Shouldered	55.59
13	08/048/10/000B	2" Shouldered x BSP Adaptor	74.05
14	SS3P050-ACT-DA	2" 3 Piece S/S Ball Valve with Pneumatic Actuator	997.10
15	08/040/01/058C	Take-off Bend Assembly	380.05
16	08/048/20/005	Clamp 6" Shouldered	93.31
17	08/040/06/002	Filler Cone Assembly	325.47
18	08/040/06/402	Filler Cone Assembly c/w Trash Screen & Lid	2053.53
19	05/006/08/000	O-ring	32.35

Price Group: SD
AG04



Part No.	Description	Price $ (ea)
05/040/01/015SS	Gauge Pressure ¼" S/S	282.01

Price Group: SD
AG04



Part No.	Description	Price $ (ea)
05/040/01/014SS	Regulator ½" S/S 0 - 1000 kPa	2220.91

Price Group: SD
AG04



Part No.	Description	Price $ (ea)
SYS-015	Strainer Y ½" BSP	43.11

Price Group: SD
AG04

P

Minsup™ Remote Control Sub Assemblies Spare Parts

minsup

Part No.	Description	Price $ (ea)
SS3P050-ACT-DA	2" 3 Piece S/S Ball Valve with Pneumatic Actuator	997.10
08/048/10/000B	2" Shouldered x BSP Adaptor (to join the ball valve to the vessel)	74.05

Price Group: SD

VS02
AE01





80/048/10/000B

Feature:	Stainless steel pilot valve minimises chance of forming tetra-ammine copper nitrate.

Part No.	Description	Price $ (ea)
08/040/08/087	Pilot Valve Assembly	2971.10

Price Group: SD

AG03

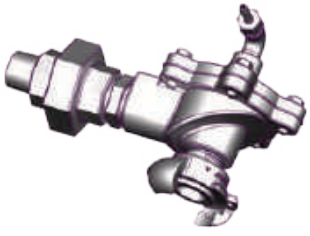


Feature:	Diaphragm valve controls air to the venturi inlet.

Part No.	Description	Price $ (ea)
08/040/08/089	Diaphragm Valve Assembly	598.86

Price Group: SD

AG06





For Anfo Tube refer to page 46.

P

ANFO Loader Spare Parts Sub Assemblies

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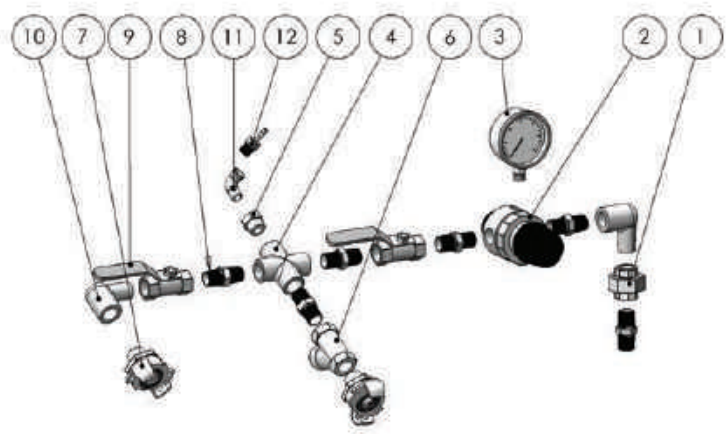
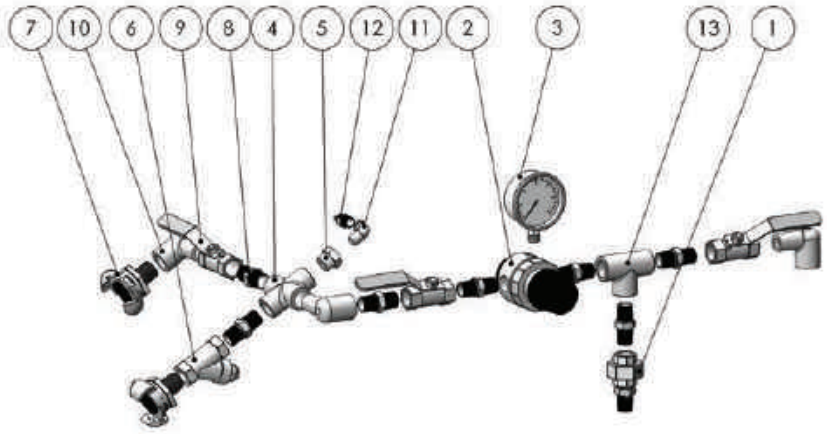


100Kg, 200Kg, 250Kg AND 500Kg CONFIGURATIONS (REMOTE CONTROL VERSION)



45Kg CONFIGURATION (REMOTE CONTROL VERSION)

MANIFOLD ASSEMBLY
Minsup™ manifold assemblies are constructed from Stainless Steel components ideally suitable in preventing the formation of tetra-ammine copper nitrate (TACN)

Part No.	Description	Price $ (ea)
08/040/01/082R	Manifold Assembly to suit remote op.	3995.28
08/040/01/082	Manifold Assembly. to suit manual op.	3324.40

Price Group: SD

Ref No.	Part No.	Description	Price $ (ea)
1	SS16UMF015	Union ½" BSP M/F S/S	30.22
2	05/040/01/014SS	Regulator ½" BSP S/S	2220.91
3	05/040/01/015SS	Gauge ¼" BSP 0-1000 PSI	282.01
4	SS16CR015	Cross " BSP S/S	35.31
5	SS16B1508	Red. Bush ½" x ¼" BSP S/S	5.85
6	08/001/09/000	½" 'A' Type Male BSP	13.38
7	SYS-015	Strainer Y ½" BSP S/S	43.11
8	SS16HN015	Nipple ½" BSP S/S	6.14
9	SS1P012	15mm 1 Piece S/S Ball Valve	24.23
10	SS16ELMF015	Elbow ½" BSP M/F S/S	8.60
11[1]	SS16ELMF008	Elbow ¼" BSP M/F S/S	4.91
12[1]	08/040/08/082SS	Tail Hose 3/16" x ¼" BSP S/S	9.56
13	SS16T015	Tee ½" BSP S/S	10.28
[2]	SS16XP008	Hex Plug ¼" BSP S/S	1.97

[1] used in 08/040/01/082R only
[2] used in 08/040/01/082 only in replacement of 11 & 12

Price Group: SD

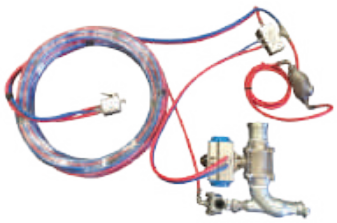
AG04

ANFO Loader Single Remote Control Kit

Components:	• Control Valve Single MkII • Lubricator Assembly • Pilot Valve Assembly • Actuated Valve Assembly • Control Hoses (10m)

Part No.	Description	Price $ (ea)
08/040/08/128	2" Shouldered Outlet	6413.78

Price Group: SD
AG06
AG03
AG06



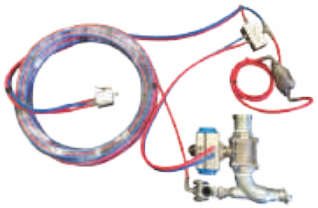
ANFO Loader Dual Remote Control Kit

Components:	• Control Valve Dual MkII • Lubricator Assembly • Pilot Valve Assembly • Actuated Valve Assembly • Diaphragm Valve • Control Hoses (10m)

Part No.	Description	Price $ (ea)
08/040/08/129	2" Shouldered Outlet	8300.19

Remotes are compatible with all vessels.

Price Group: SD
AG06
AG03



ANFO Loader Remote Control Sub Assemblies

Application:	For the operation of Minsup™ Anfo Loaders equipped to be fitted with single or dual control valve. **Single Control Valve.** Used to operate actuated loading valve. **Dual Control Valve.** Used to operate actuated loading valve and diaphragm operated venturi.
Material:	Stainless steel with nitrile O ring.and steel spring.
Temperature:	80°C
Features:	Operator comfort, single hand operation. Suitable for contact with ANFO.

Part No.	Description	Price $ (ea)
SRC	Single Control Valve	1924.14
DRC	Dual Control Valve	3853.65

Price Group: SD
AG03



Investment cast aluminium oil lubricator assembly provides lubrication to all moving parts.

Part No.	Description	Price $ (ea)
08/040/08/127	Oil Lubricator Assembly	571.64

Price Group: SD
AG06



Part No.	Description	Price $ (ea)
05/040/08/134AL	Aluminium Foot Control Valve	1730.85
B53004GY	Foot Control Valve - Dual Spring Control	2733.92

Price Group: SD
AG03



Aluminum



Dual Spring Control

P

Tank Truck & Rack Equipment Index



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Q

Ball Nozzles for Bulk Delivery

Application:	3 PSI check valve is included to prevent back flow, 5 PSI is optional.
Design:	Rugged construction for rapid fuel oil transfer/delivery. Heavy duty roller ball swivel with low temperature seals freely rotates without leaking.
Material:	Anodized Aluminium
Flow Rate:	High flow

Female Inlet Size (inch)	Outlet Type	Part No.	Price $
1¼ NPT	swivel quick fill nut	BL062	1.70
1½ NPT	swivel quick fill nut	BL064	1329.40
1¼ NPT	1¼" spout	BL066	1326.00
1½ NPT	1¼" spout	BL068	1230.60
1¼ NPT	1½" spout	BL072	1186.10
1¼ NPT	1¼" female NPT	BL066NS	851.84
1½ NPT	1¼" female NPT	BL068NS	1227.10
1½ NPT	1½" female NPT	BL072NS	852.55
2 NPT	2" spout	BL920	1213.20

Price Group: SD
AS02



Female Inlet Size (inch)	Replacement For	Part No.	Price $
Replacement Spouts			
1¼	BL066, BL068	1143A	45.96
1½	BL072, BL919	1125A	50.97
2	BL920	391137	79.45

Price Group: SD
AS02



With Spout

Description	Part No.	Price $
Repair Kits for Ball Nozzles (BL066, BL068, BL072, BL919)		
inlet swivel seal and wear kit	SWMF-RK2	43.31
complete inlet swivel rebuild kit	SWMF-RK3	111.39
1½" FNPT replacement inlet swivel	SWMF-RK4	304.39
1¼" FNPT replacement inlet swivel	SWMF-RK5	307.34
1½" BSPP replacement inlet swivel	SWMF-RK6	324.57
Repair Kits for Super Ball Nozzle (BL920)		
ball valve shaft seal kit	BL-RK4	89.20
complete ball nozzle seal kit	BL-RK10	1505.30
optional check valve 5 PSI spring kit	BL-RK11	56.10
standard check valve 3 PSI cartridge kit	BL-RK12	20.90

Price Group: SD
AS02



NOTE: Some fuel additives are not compatible with certain materials.
Please contact Dixon™ for fuel compatibilities.

Q

Automatic Shut-Off Nozzles



114D

Application:	For card lock and truck refuelling stations
Design:	Venturi type auto shut-off. Detachable trigger ratchet
Material:	Aluminium construction with bronze trigger
Flow Rate:	80 gpm flow (requires min 7.5 gpm for auto shut-off)

Female Inlet Size (inch)	Spout Outlet Size (inch)	Part No.	Price $
Pressure Nozzle With Spout			
1½ NPT	1⅜	1124D	1296.77
1½ BSPT	1½	1124DBSPT	1296.77

Price Group: BY
AS02

Standard Utility Nozzles



900S

Application:	For use with 12 volt pumps & gravity flow fittings. For economy fuel dispensing, including construction, farm & small truck utility tanks.
Design:	Choice of spouts.
Material:	Diecast metal body
Working Pressure:	25 PSI
Approvals:	UL

Female Inlet Size (inch)	Spout Outlet Size (inch)	Part No.	Price $
Aluminium			
1 NPT	1 outlet	900*	184.95
1 NPT	1 straight	900S	189.04
1 NPT	1 bent	900B	191.38
1 NPT	¾ straight	900W34S	189.76
1 NPT	¾ bent	900W34B	189.23
¾ NPT	¾ straight	900S34	213.41
¾ NPT	¾ bent	900B34	212.89



900B

Price Group: SD
AS02



875-5

Description	Part No.	Price $
Replacement Parts		
¾" replacement straight spout	234-80-4	19.10
¾" replacement bent spout	234-80-5	17.20
1" replacement straight spout	5875-4	POR
1" replacement bent spout	875-5	14.09
trigger	900TK	8.60
plunger and valve assemblies, cap, O-ring	900SK	25.60

* Nozzle body only (without spout)
Note: ¾" nozzle inlet uses 1" x ¾" reducer bushing, supplied.

Price Group: SD
AS02

NOTE: Some fuel additives are not compatible with certain materials.
Please contact Dixon™ for fuel compatibilities.

Pressure Nozzles for Bulk Delivery

Application:	Manual operation (non-auto) for high pressure
Design:	Easy opening dash pot design with shockless closing. Detachable trigger ratchet, packing gland and seal
Material:	Bronze trigger with aluminium body and spout
Flow Rate:	Up to 80 gpm

Female Inlet Size (inch)	Spout Outlet Size (inch)	Part No.	Price $
With Spout			
1¼ NPT	1¼	114D	852.82
1½ NPT	1½	112D	972.40
1¼ BSPT	1¼	114DBSPT	910.33
1½ BSPT	1½	112DBSPT	962.52

Price Group: BY

AS02



114D

Description	Part No.	Price $
replacement spout for 114D	1143A	45.96
replacement spout for 112D	1125A	50.97
replacement spout for 114DBSPT	1143A-BSPT	53.58
replacement spout for 112DBSPT	1125A-BSPT	58.36
seal kit to suit 114D nozzles	114DSK	306.40
seal kit to suit 112D nozzle	112DSK	323.55
seal kit to suit 112DBSPT nozzle	112DBSPTSK	363.39
replacement trigger kit to suit 114D & 112D series nozzles	114/2D-TK	78.71

Price Group: BY

AS02

Overwing Aircraft Nozzles

Application:	Manual operation (non-automatic) for high pressures
Design:	Easy opening dash pot design with shockless closing. Detachable trigger ratchet, packing gland and seal. Aluminium spout has cap with spring cord and a fine mesh stainless steel screen filter. Screw attachment for grounding cable (cable not supplied)
Material:	Aluminium body, bronze trigger with plastic guard pad to protect wing
Flow Rate:	Up to 80 gpm

Female Inlet Size (inch)	Spout Outlet Size (inch)	Part No.	Price $
With Spout			
1¼ NPT	1	114DAVR	2753.12
1¼ NPT	1¼	114D-AV	1616.14
1½ NPT	1¼	114D-AV-06ASM	1841.50
1½ BSPT	1¼	114DAVBSPT	1229.17



114-AV-06ASM

Replacement Parts		
Description	**Part No.**	**Price $**
trigger, bushing, pin and cotter pin	114/2D-TK	78.71
main & secondary poppet assemblies, cap O-ring, valve stem assembly	114DAV-SK	284.10
1" spout assembly	114DAL-AV-25	221.60
1¼" spout assembly	114DAL-AV-16	178.15

Price Group: BY

AS02

Fuel Nozzles

Application:	Gravity feed fuel delivery
Material:	Aluminium body, FKM seal
Pressure:	Gravity feed only

Inlet Size (inch)	Spout Size (inch)	Description	Part No.	Price $
1"BSP	¾	Trigger Nozzle for UNLEADED fuel	HN25U	100.93
1"BSP	1	Trigger Nozzle for LEADED fuel	HN25	140.28

Price Group: BY

FP08



HN25U

NOTE: Some fuel additives are not compatible with certain materials. Please contact Dixon™ for fuel compatibilities.

Q

Hose Swivels



Application:	For use with petroleum & home heating oil hose. Prevents twisting or kinking.
Design:	Male and female threads to suit 114 and 112 series nozzles. Integral check valve to retain hose pressure and prevent hose drainage.
Material:	Bronze

Male Size (inch)	Female Size (inch)	Part No.	Price $
Check Valve			
1¼ NPT	1¼ NPT	1280	419.88
1¼ BSP	1¼ BSP	1280-BSPT	482.30
1½ BSPT	1½ BSPT	1580U-BSPT	488.68

Price Group: BY

AS02

Heavy Duty Hose Swivels



Application:	For use with petroleum & home heating oil hose. Prevents twisting or kinking.
Design:	Heavy duty internal thrust bearing & anti-friction seal, Can be lubricated without disassembly by using the optional grease fitting kit (SWMF-RK1)
Material:	Aluminium

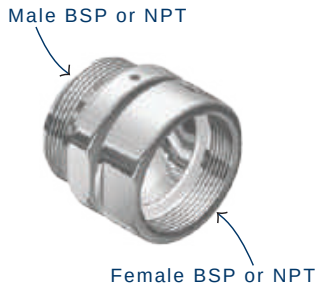
Male Size (inch)	Female Size (inch)	Part No.	Price $
1¼ NPT	1¼ NPT	SWMF125	468.23
1½ NPT	1½ NPT	SWMF150	533.99
2 NPT	2 NPT	SWMF200	522.89

Price Group: BY

AS02

Hose Swivels

Design:	Swivel function - allows the hose to relax to it's natural rest position while allowing freedom of movement without adding torque stress at the point of connnection (torque stress is the largest single cause of composite, PTFE and stainless steel hose failure). Simple design, low maintenance - each unit consists of two body halves, ball bearings and a washer.
Seal:	FKM seals are standard, Chemraz® and Kalrez® are optional
Working Pressure:	150 PSI
Max Temperature:	149°C



Male / Female BSP Thread				
Size (inch)	Stainless Steel		Aluminium	
	Part No.	Price $	Part No.	Price $
¾	HS075SSA	1264.91	HS075ALA	607.67
1	HS100SSA	1264.91	HS100ALA	580.43
1½	HS150SSA	1319.67	HS150ALA	684.57
2	HS200SSA	1319.67	HS200ALA	684.60
3	HS300SSA	1998.56	HS300ALA	1615.40
4	HS400SSA	5387.98	HS400ALA	3121.07

Male / Female NPT				
Size (inch)	Stainless Steel		Aluminium	
	Part No.	Price $	Part No.	Price $
¾	HS075SS	1264.91	HS075AL	607.67
1	HS100SS	1264.91	HS100AL	580.43
1½	HS150SS	1319.67	HS150AL	684.57
2	HS200SS	1309.70	HS200AL	684.60
3	HS300SS	2004.36	HS300AL	1615.40
4	HS400SS	5387.98	HS400AL	3121.07

Available in sizes up to 10" with various threaded and flanged connections available.

Price Group: BY

AS01

Fuel Master™ Diesel Nozzle

Application:	Provides the high flow capacity required by many truck stops & terminal operations. Micro-touch valve provides smooth operation & exceptional flow control.
Design:	Features lightweight Tenzalloy aluminium casting, super tough nylon hose guard & hold open clip. Easy to change lockout style spout assembly
Colour:	Green scuff guard



Inlet Size (inch)	Spout Size (inch)	Weight (kg)	Approx Flow Rate @ 20 PSI (GPM)	Part No.	Price $
Non Underwriters Listed nozzle					
with trigger hold-open clip					
1 NPT	1 3/16	1.6	35	DFN100HF	443.85
1 NPT	1 3/16	1.6	45	DFN100ST	692.15
Underwriters Listed nozzle					
with trigger hold-open clip with 'no pressure, no flow' safety valve					
1 NPT	1 3/16	1.8	35	DFN100HF-NPNF	528.20
1 NPT	1 3/16	1.8	45	DFN100SF-NPNF	692.20
without trigger hold-open clip					
1 NPT	1 3/16	1.8	35	DFN100HF-NC	452.30
1 NPT	1 3/16	1.8	45	DFN100SF-NC	621.10

Price Group: BY

AS02

Q

Big Mouth™ Diesel Nozzle



Application:	Roto-matic latch pin provides positive auto shut-off.
Design:	Micro-touch valve allows precise flow control. Pure PTFE packing eliminates stem leaks. Super tough nylon hold-open clip & hand guard bend, but won't break. Snap-on handle cover makes changing scuff guards easy
Colour:	Yellow scuff guard

Inlet Size (inch)	Spout Size (inch)	Weight (kg)	Approx Flow Rate @ 20 PSI (GPM)	Part No.	Price $
Non Underwriters Listed nozzle					
with trigger hold-open clip					
1 NPT	1⅛	1.4	20	DFN100	321.07
Underwriters Listed nozzle					
with trigger hold-open clip with 'no pressure, no flow' safety valve					
1 NPT	1⅛	1.7	20	DFN100-NPNF	426.70
without trigger hold-open clip					
1 NPT	1⅛	1.7	20	DFN100-NC	350.90

Price Group: BY

AS02

Farm & Consumer Nozzles

Application:	Automatic fuel nozzles designed for use with small 12 volt & AC utility pumps as well as large farm & consumer pumps
Design:	Heavy duty, stronger & more secure hook makes it easy to hang the nozzle on the pump.
Colour:	Black scuff guard on gasoline nozzle, green scuff guard on diesel nozzle



Gasoline Nozzle



Diesel Nozzle

Inlet Size (inch)	Spout Size (inch)	Weight (kg)	Approx Flow Rate @ 20 PSI (GPM)	Part No.	Price $
Non Underwriters Listed nozzle					
with trigger hold-open clip					
¾ NPT	13⁄16	1.1	18	DN7UOBF	189.74
¾ NPT	15⁄16	1.1	23	DN7LOBF	190.05
1 NPT	1⅛	1.7	27	DFN100F [1]	379.30
with trigger hold-open clip with 'no pressure, no flow' safety valve					
¾ NPT	13⁄16	1.1	18	DN7UOBF-NPNF	339.50
¾ NPT	15⁄16	1.1	23	DN7LOBF-NPNF	339.50
1 NPT	1⅛	1.7	27	DFN100F-NPNF	455.20
without trigger hold-open clip					
¾ NPT	13⁄16	1.1	18	DN7UOBF-NC	263.60
¾ NPT	15⁄16	1.1	23	DN7LOBF-NC	263.60
1 NPT	1⅛	1.7	27	DFN100F-NC	379.30

[1] Hand-guard and rear back clip: super tough nylon

Price Group: BY

AS02

DEF Automatic Shutoff Nozzle (ADBLUE)



Application:	Automatic shutoff nozzle designed for diesel exhaust fluid.
Features:	• Aluminum body double coated inside and out with PTFE baked on at 500°F • Stainless steel spout • Maximum operating pressure: 50 PSI • Wetted parts: stainless, acetal, PTFE • FKM-A seals

Inlet Size (inch)	Spout Size (inch)	Weight (kg)	Approx Flow Rate @ 20 PSI (GPM)	Part No.	Price $
¾ BSPP	13⁄16	1.1	14	DEFN075	999.65

Price Group: BY

AS02

High Flow Fueler 100 Nozzle

Application:	For fueling trucks, buses, off-road equipment and fuel oil delivery. These nozzles are not to be used with gravity flow tanks.
Features:	• machined grooves in the spout are designed to hold nozzle more securely in the fill pipe • high flow, heavy duty automatic nozzle



Inlet Size (inch)	Spout Size (inch)	Weight (kg)	Approx Flow Rate @ 20 PSI (GPM)	Part No.	Price $
1¼	1⅜	1.1	75	DNOG5-NL	1659.30
1¼	1⅜	0.56	75	DNOG5	1602.40
1½	1⅜	3.13	75	DNOG6	1564.50

Price Group: BY
AS02

Fuel Nozzle Cross Reference

Dixon™	M Carder	OPW	Emco	Husky	Catlow
DN7UOBF	N7UOBF	11AF-40FS	A2501F	XSF-33704	NENLF
DN7LOBF	N7LOBF	11APF-40FS	A2501LF	-	NELF
DFN100	N3-BigMouth	7H	A6000	1+8-173310	MAX1
DFN100HF	N4-Fuelmaster	N/A	N/A	1HS.026810	MAC-1AH

Tank Truck Flange Gaskets (TTMA and Others)

Size (inch)	OD (inch)	ID (inch)	THK (inch)	Material	Part No.	Price $
3	5-5/8	3-1/2	1/8	Cork / Buna	300GTTFCB	5.65
	5-5/8	3-1/2	1/16	PTFE envelope with Klinger filler	300GTTFTK	30.90
	5-5/8	3-1/2	1/8	Klingersil® C-4300	300GTTFK	9.70
	5-29/32	3-1/2	3/32	PTFE with fiber core	40321TF	60.29
	7-1/4"	5	5/32	PTFE with soft fiber core	40364TF	109.10
	7-1/4"	5	1/8	Baylast™	40364BL	20.30
	5-5/8"	3-5/8	1/8	Baylast™	300GTTFBL	42.94
4	6-5/8	4-9/16	1/8	Cork / Buna	400GTTFCB	5.94
	6-5/8	4-9/16	1/16	PTFE envelope with Klinger filler	400GTTFTK	40.30
	6-5/8	4-9/16	1/8	Klingersil® C-4401	400GTTFK	16.00
	6-7/8	4-9/16	3/32	PTFE with fiber core	40322TF	61.65
	8-3/8	5-7/8	5/32	PTFE with soft fiber core	40323TF	150.80
	8-1/4	5-7/8	1/8	Baylast™	40323BL	22.20
	6-5/8	4-5/8	1/8	Baylast™	400GTTFBL	43.67

Price Group: BY
AS02



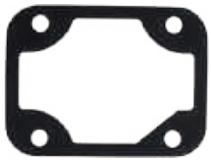
40417BL
TTMA Round Flange Gasket



40417BL
Emergency Valve Tank Flange Gasket



400GTTFBL
4" TTMA Flange Gasket



40418BL
Emergency Valve Outlet Flange Gasket

Description	Material	Part No.	Price $
Emergency (Foot) valve tank flange gasket to suit DBFV210	Baylast™	40417BL	48.64
Emergency (Foot) valve outlet flange gasket to suit DBFV210	Baylast™	40418BL	32.79

* Both 40417BL & 40418BL have been designed to interchange with other manufacturers product. Please consult Dixon™ for cross reference to other brands.

Dixon™ has completed several years of testing and engineering evaluation to ensure our products are compatible with all modern motor fuels in use today.

Dixon™ uses a proprietary seal compound that we refer to by the trade name Baylast™. Baylast™ has been tested both in the laboratory and in the field with excellent results. Baylast™ was developed so we could offer a single seal material compatible with the wide range of alternative fuels used today.

Many Dixon Bayco products have been using Baylast™ seals to ensure compatibility with alternate fuels including ethanol, ethanol blends, biodiesel blends, low sulphur diesels and standard refined fuels.

Dixon Bayco seals are fully compliant with current Safe Load Pass (SLP) regulations currently in place in the Australian marketplace.

Please contact Dixon™ to discuss your seal requirements or for further technical support.

4" API Valves



5204NG



5204A



5204SFI



5204LNG



5204K2



5204K7

Application:	API Valves are used for bottom loading and unloading of petroleum tankers. Valve nose shape and opening comply with American Petroleum Institute standard (API RP-1004) enabling Dixon™'s API valves to interchange with competitor items made to the same specification. Three styles are available; a load model without handle, a load/unload model with a pull up to operate handle to allow manual opening and a load/unload model with a pull down to operate handle to allow manual opening.
Design:	Load/unload versions feature an ergonomically curved handle that opens with a short 62" stroke. Available with a fixed or removable handle. Maintenance is simplified as it can be completely rebuilt without removing valve from the tank. ALH (Anodised Aluminium Hard Coat) nose ring can be rotated to provide fresh cam service. Ergonomic handle.
Seal:	Chemical resistant crank seals & poppet seal (PTFE seals optional)
Service:	5204 Series approved for use in the following service: gasoline, diesel, E10 10% ethanol, E85 85% ethanol E100 100% ethanol, B15 15% bio-diesel/diesel, B20 20% bio-diesel/diesel. 5204 Series tested performance to -40°F with 100% ethanol, B15 15% bio-diesel & B20 20% bio-diesel. 5204 Series approved for use in the following service: B100 100% bio diesel
Material:	Aluminium, anodised hard coat aluminium

Part No.	Description	Price $
5204NG	4" API adaptor, without sight glass. Pull down to open handle version.	1094.85
5204NGA	4" API adaptor, without sight glass. Pull up to open handle version.	948.63
5204TNG	4" API Adaptor, without sightglass, pull down to open handle PTFE seals for chemical applications	964.22
5204	4" API adaptor, sight glass. Pull down to open handle version.	1029.39
5204A	4" API adaptor, with sight glass. Pull up to open handle version.	1028.46
5204TNGA	4" API Adaptor, without sightglass, pull up to open handle PTFE seals for chemical applications	1446.17
5204SFI	4" API adaptor with inline full body sight glass. Pull down to open	1054.24
5204LNG	4" API adaptor, without sightglass, no handle	671.54
5204L	4" API adaptor, sightglass, no handle	743.79

Price Group: BY
AS02

Spare Parts

Part No.	Description	Price $
5204K1	Poppet O-ring Baylast™ to suit 5204 series API valves	51.80
5204K2	Rebuild kit to suit 5204 series API valves	293.33
5204K3	Replacement nose cone c/w O-ring and fasteners	196.49
5204K6	PTFE encapsulated seal kit to suit 5204 series API valves	216.22
5204K7	Replacement handle kit, pull down version only	100.89
5204K15	Replacement handle kit, pull up version (Australian version)	83.04
5204K8	Sight glass replacement kit c/w O-ring and fasteners	74.08
5204K9	Sight glass blank plate (to convert units with sight glass to non sight glass)	63.71

Price Group: BY
AS02

4” API Dust Caps

Part No.	Description	Price $
5205	Aluminium API cap with flat seal & nylon quick release lever	160.86
5000-24	Aluminium API cap with O-ring gasket	213.53
5000-25	Nylon API cap with flat gasket, pad lockable arm	105.14
5000-24L	Aluminum API cap lockable with O-ring seal	225.56

Price Group: BY
AS02


5000-24


5000-25


5000-24L


5205

Spare Parts		
Part No.	**Description**	**Price $**
4500RK	Replacement O-ring, cam arms and pins to suit 5000-24	42.92
5000-25RK1	Replacement flat seal to suit 5000-25 nylon API cap	8.34
5000-25RK2	Replacement cam arm sub assembly to suit 5000-25 nylon API cap	30.15
5205-RK1	Replacement flat seal to suit 5205 API dust cap	16.86
5205-RK2	Replacement cam arm and pin to suit 5205 API dust cap	21.20
5205-RK3	Replacement roller and pin to suit 5205 API dust cap	17.10
5205-RK4	Replacement chain and S hook	14.50
5000-24LRK	Replacement O-ring, lockable cam arms and pins to suit 5000-24L lockable API dust cap	101.52

Price Group: BY
AS02

Dust Caps and Plugs with Pull Handles for Hose Tubes

Features:	• Pull handles make it easier for tanker operators to remove delivery hoses from the storage tubes; the operator simply grabs the handle and easily pulls the hose out of the storage tube. • Rugged aluminum constructed parts protect the hose coupling and adapter from damage during transportation and the removal of hoses from the hose storage tube. • Prevents possible environmental issues due to leaking residue left in an open hose.
Materials:	Aluminum body, brass cam arms (dust caps), Buna seals

Part No.	Description	Price $
300-DC-ALPH	3" Aluminum dust cap with pull handle	147.37
300-DP-ALPH	3" Aluminum dust plug with pull handle	85.67
400-DC-ALPH	4" Aluminum dust cap with pull handle	145.92
400-DP-ALPH	4" Aluminum dust plug with pull handle	74.55

Price Group: BY
AS02


400-DC-ALPH


400-DP-ALPH

Q

TTMA Series Flange Adaptors

Application:	For use with petroleum tankers. For welding to 3" & 4" TTMA aluminium pipe.
Material:	Aluminium
Features:	• Simply and easily converts threaded components to a standard TTMA flange configuration. • Solid cast lightweight aluminum design is more durable than welded fabrications. • Design improves flow through adapter. • Compact size reduces the overall space needed to install.
Design:	• All quality built for dependable long life service. • Standard 3" and 4" TTMA bolt pattern • Machined sealing surface for superior gasket sealing • 3" TTF3AL bolt circle diameter = 4.875" • 4" TTF4AL bolt circle diameter = 5.875" • For flange dimensions, diagrams and additional information please reference dixon-valve.com



TTMA Flange x Male NPT Adapters				
TTMA Flange (inch)	Male NPT (inch)	Overall Length (inch)	Part No.	Price $
3	3	2½	TTF3AL-3MT	121.00
4	3	2½	TTF4AL-3MT	107.30
4	4	2½	TTF4AL-4MT	111.60

Price Group: BY
AS02



TTMA Flange x Extended Length Male NPT Adapters				
TTMA Flange (inch)	Male NPT (inch)	Overall Length (inch)	Part No.	Price $
4	3	5½	TTF4AL-3EMT	177.10
	4	5½	TTF4AL-4EMT	144.70

Price Group: BY
AS02



TTMA Flange x Female NPT Adapters				
TTMA Flange (inch)	Male NPT (inch)	Overall Length (inch)	Part No.	Price $
4	3	2½	TTF4AL-3FT	112.60
	4	2½	TTF4AL-4FT	111.40

Price Group: BY
AS02



TTMA Slip-on Socket Weld Flange (356T6 ALuminium)			
TTMA Flange (inch)	Pipe Size (inch)	Part No.	Price $
4	4	TTF400SP	87.77

Price Group: BY
AS02



TTMA Slip-on Plate Flange			
TTMA Flange (inch)	Pipe Size (inch)	Part No.	Price $
4	4	TTMA-64	60.00

Price Group: BY
AS02



TTMA Buttweld Flange				
TTMA Flange (inch)	Pipe Size (inch)	Thickness (inch)	Part No.	Price $
3	4	⅜	TTF3AL	61.41

Price Group: BY
AS02

TTMA Flange Spacer with ½" Port

Size (inch)	Description	Part No.	Price $
4	flange spacer with ½ female NPT port	TTFS4AL-FP50	332.30

Price Group: BY
AS02



TTMA Flange Extensions

Application:	• Used on load arms to connect an API load coupler to a load arm.
Features:	• Adds a 6" space between the load arm and the tank truck. • Extension with groove provides a specified parting point to prevent excessive damage to the loading arm.

Size (inch)	Description	Part No.	Price $
4	TTMA flange extension	TETF4AL	166.68
4	TTMA flange extension with groove	TETFG4AL	184.00
4	TTMA flange extension with ½" female NPT port	TETF4ALFP50	320.20

Price Group: BY
AS02



TETF4AL



TETFG4AL

Cam & Groove Adaptor x TTMA Flange

Features:	• Aluminum flanges have a flat face, stainless flanges have a raised face. • 316 Stainless Steel flanges are produced as a welded fabrication. • Reference dixonvalve.com for flange drilling standards. • Pressure rating is based on the seal of the mating part, see ratings on page 82..

Size (inch)	Description	Part No.	Price $
3	356T6 Aluminum	300-ALT-AL	210.44
3	316 Stainless Steel	300-ALT-SS	499.90
3 x 4	356T6 Aluminum	3040ALTAL	149.60
4	356T6 Aluminum	400-ALT-AL	152.57
4	316 Stainless Steel	400-ALT-SS	669.00
6	356T6 Aluminum	600-ALT-AL	323.20

Price Group: BY
AS02



Cam & Groove Coupler x TTMA Flange

Features:	• Supplied standard with a Buna-N gasket, other gaskets available on pages 106-107. • Use Dixon® replacement handles only

Size (inch)	Description	Part No.	Price $
3	356T6 Aluminum	300-DLT-AL	190.20
3 x 4	356T6 Aluminum	3040DLTAL	248.60
4	356T6 Aluminum	400-DLT-AL	230.60
6	356T6 Aluminum	600-DLT-AL	556.80

Price Group: BY
AS02



Cam & Groove 22½" Adaptor x TTMA Flange

Design:	• Pressure rating is based on the seal of the mating part, see ratings on page 82.

Size (inch)	Description	Part No.	Price $
4	356T6 Aluminum	40022ALTAL	306.54

Price Group: BY
AS02



Cam & Groove 22½" Coupler x TTMA Flange

Design:	• Supplied standard with a Buna-N gasket, other gaskets available on pages 106-107. • Use Dixon® replacement handles only

Size (inch)	Description	Part No.	Price $
4	356T6 Aluminum	40022DLTAL	317.20

Price Group: BY
AS02



Aluminum Ladder Step



Features:	
	• Contoured tube connections to aid welding • For 2" tubing, 13" wide • Serrated to provide a safe, sure grip, anti - slip tread • Allows easy safe ladder access to the top of the tanker

Part No.		Description	Price $
15S	i	Ladder Step	50.78

Price Group: BY
AS02

Side Seal Drop Elbows



Application:	For use with standard 4" side seal style fill collars only
Design:	Modular, easy repair, bolt-on construction Comes with acrylic sightglass, Buna seals and bronze arms. Choice of 3" or 4" inlets. Available with anti-spill sleeve (locking ring is available)

Part No.		Description	Price $
6000AS		Elbow only / no inlet	866.32
6000ASC		Elbow c/w 3" inlet	900.07
6000ASA		Elbow c/w 4" inlet	909.89
L2373		Lip seal to suit 6000 series	65.32
6200SGK		Sight glass kit with seals	130.26
6000SSHK	i	Replacement arms, springs, pins and retaining rings to suit 6000AS	133.39
LIQ04-A2310	i	Replacement arms	35.68

Price Group: BY
AS02

Elbow Inlets



Female



Male

Application:	For 6000, 6000AS, 6200, 6500 elbows Bolt-on easy to install/replace
Design:	Comes with stainless steel cap screws (4)
Material:	Aluminium

Part No.		Description	Price $
6000-14		3" female	193.60
6000-15		4" female	170.10
6000-16		3" male	104.25
6000-17		4" male	97.12

Price Group: BY
AS02

Product Indicator - 12 Sided



Application:	Product Indicators are used to display the name of the product in the corresponding tanker compartment
Features:	Supplied complete with the following labelling fitted: • Diesel - Avgas100 - ULP + E • Ethanol - Check Product - PULP 95 • Kerosene - Jet A1 - E-85 • ULP91 - Hi Octane - Blank • Supplementary labels also available for Opal91, VHROP 100+, Bio-Diesel, Prem. Diesel & Avgas 100LL All label colouring is in accordance to SLP recommendations
Design:	Mounts direct to 4" TTMA flange pattern as found on API Valves

Part No.		Description	Price $
DBPI120		Product indicator - 12 sided with labels	278.72

Price Group: BY
AS02

Q

Vapour Valves

Application:	4" TTMA flange With air interlock mount (use air interlock 5000AIV if required)
Design:	Bulb designed for maximum vapor flow (low resistance) for fast loading of tankers With angled acrylic sight glasses (2) and drain plug, allows viewing and drainage of fluids if in system
Material:	Quality cast aluminium construction



Part No.	Price $
VR4000	657.53

Price Group: BY
AS02

Vapour Return Valves

Application:	Allows easy seal replacement while still on tanker
Design:	4" Adaptor with poppet valve, 4" TTMA connection
Material:	Heavy duty cast aluminium body



Part No.	Price $
VR4100	442.66

Price Group: BY
AS02

Vapour Recovery Vent - Sequential Air Operated

Application:	Dixon Bayco™ Vapour Recovery Vents are designed for use on road tankers specifically set up for bottom loading applications to allow adequate venting during loading or unloading.
Features:	• May be installed to operate in sequence with other pneumatically controlled devices such as emergency valves and guard bar interlocks, or open independently by simply plugging the air out port. • Inward opening poppet ensures compartment pressure is maintained and product retention during transit.
Design:	Designed to interchange with other brands commonly found in the Australian market. Mounts direct to manholes or tanker walkways.
Material:	Aluminium construction, Acetal Guides, S/S Piston & fasteners, Baylast™ seals and cork/buna gasket
Fuel Compatibility	Biofuel vapour compatible up to E100 (100% Ethanol) and B100 (100% Biodiesel. For detailed fuel compatibility please consult your nearest Dixon™ offices.



Part No.	Description	Price $
DBVR6410	Vapour Vent, sequential operation c/w gasket and fasteners	1024.02
DBVR6410-12	Cork Buna flange gasket to suit DBVR6410	13.50
DBVH090	Vapour Vent Hose 90 x 101mm x 1.0 metre length	199.65
DBVH090060	Vapour Vent Hose 90 x 101mm x 60 metres length	9672.19
HTM450L	Hi Torque Clamp, SS, Worm Drive to suit Vent Hose, 10 clamps per box	84.99
SS104	Super Clamp, SS, T Bolt Style to suit Vent Hose, sold individually with optional box quantity of 25	29.67

Price Group: BY
AS02

Air Interlock Valves


5000AIHD


5000AIR


5000AIV

Part No.	Description	Price $
5000AIHD	Heavy duty pneumatic interlock, Baylast™ seals	307.72
5000AIR	Roller ball plunger pneumatic interlock, ideal for use on cabinet doors, Baylast™ seals	251.24
5000AIS	1" button plunger pneumatic / electronic interlock, ideal for connecting to lights or the overfill detection system, Baylast™ seals	608.88
5000AIV	Paddle plunger pneumatic interlock, for use on VR4000 vapour valve, Baylast™ seals	314.74

Price Group: BY
AS02

4" Vapour Caps



Application:	Aluminium or ultra lightweight nylon versions available
Design:	Lockable push/pull cap for vapour valves
Colour:	Orange for visibility

Part No.	Description	Price $
VR4050AL	4" Aluminium cap	199.38

Price Group: BY
AS02



Design:	Centered T handle for one handed ease of use and a solid locking mechanism Strong and lightweight Built-in locking feature Manufactured with a hole for a chain / lanyard
Material:	Corrosion resistant materials
Colour:	Safety orange for vapour service

Part No.	Description	Price $
VR4050PL	4" Ultra lightweight nylon cap	143.56

Price Group: BY
AS02

Gravity Drop Adaptors

Application:	The gravity drop adaptor features an industry standard API female connection designed to couple directly to the standard API valve leaving either a 3" or 4" male camlock adaptor to be connected to the petroleum unloading hose.
Design:	Standard one piece body
Material:	Cast Aluminium body, bronze cam arms with stainless steel pins & finger rings



Without Sight Glass



With Sight Glass

Part No.	Description	Price $
4530	3" aluminium adaptor w/o sight glass, Baylast™ O-ring seals	356.78
4530SGV	3" aluminium adaptor with sight glass, flat seal	649.01
4540	4" aluminium adaptor w/o sight glass, Baylast™ O-ring seals	422.39
4540F	4" aluminum adaptor with Buna-N O-ring seal	323.10
4540SGV	4" aluminium adaptor with sight glass, flat seal	763.95

Price Group: BY

AS02

Spare Parts

Part No.	Description	Price $
4500RK	Replacement O-ring, cam arms and pins to suit 4530 and 4540	42.92
4500RK-V	Replacement cam arms, pins and FKM O-ring seal (optional)	78.42
5205-RK4	Replacement security chain and S hook to suit all gravity drop adapters	14.50
4540SG-RK1	Sight glass repair kit includes sight glass, Baylast™ seals and retaining ring to suit 4530SGV and 4540SGV	104.29
4540SG-RK2	Replacement main (flat) gasket, Baylast™ to suit 4530SGV and 4540SGV	10.46
4540SG-RK3	Replacement cam arms and pins to suit 4030SGV and 4540SGV	59.35
4500-5	Baylast O-ring replacement seal for 4530, 4540, 5000-24	6.98
2143SEALBU	Flat replacement gasket for 31440-225AL, 41440-225AL, 41450-DCAL	7.80



4540SG-RK1



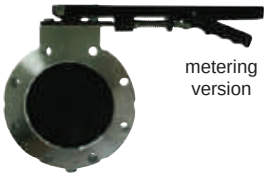
4540SG-RK3

Price Group: BY

AS02

TTMA Flange Butterfly Valve and Cam & Groove Adaptors

Part No.	Description	Fuel Compatibility	Price $
WD301ALVB	3" TTMA flanged butterfly valve, open/ closed detent version, FKM	Gasoline & diesel, up to E100 & B100 biofuels	820.19
WD401ALVB	4" TTMA flanged butterfly valve, open/ closed detent version, FKM	Gasoline & diesel, up to E100 & B100 biofuels	735.25
WD306ALVB	3" TTMA flanged butterfly valve, FKM, 3" TTMA flanged butterfly valve, metering model with 10 notch index plate, FKM	Gasoline & diesel, up to E100 & B100 biofuels	731.83
WD406ALVB	4" TTMA flanged butterfly valve, FKM, 4" TTMA flanged butterfly valve, metering model with 10 notch index plate, FKM	Gasoline & diesel, up to E100 & B100 biofuels	899.99
300-ALT-AL	3" TTMA flange x 3" cam & groove adaptor (straight)	Gasoline & diesel, up to E100 & B100 biofuels	210.44
400-ALT-AL	4" TTMA flange x 4" cam & groove adaptor (straight)	Gasoline & diesel, up to E100 & B100 biofuels	152.57



metering version



detent version



Price Group: BY

AS02

Q

Tank Truck Flanged Sight Flow Indicators



5200-SFI

Application:	For use with API Adaptors and TTMA flanged butterfly valves commonly found on tank trucks. The cast aluminium design of the 5200-SFI is suited to rough road environments and load rack applications.
Design:	The 5200-SFI is designed to be a drop in replacement for the one-piece acrylic sight glass used behind the API load head. Replacement sight glass is a fraction of the cost of the one-piece design. Strong and lightweight Large 4⅜" ID Allows for visual identification of the fuel grade prior to opening the valve 1¾" width replaces acrylic doughnut sightglass
Material:	Rugged aluminium construction is more durable than the single piece acrylic doughnut commonly used.
Pressure:	150 PSI hydrostatic pressure at 70°F.

Part No.	Description	Price $
DBSGF4-25	Sightglass Flange 4" TTMA x 25mm	305.46
5200-SFI	4" TTMA pattern flanged short sight flow indicator	399.30
5200-SFI-3	3" TTMA pattern flanged short sight flow indicator	282.86

Price Group: BY
AS02



DBSGF4-25

Spare Parts

Part No.	Description	Price $
5200-SFI-3-RK1	Sightglass repair kit comes with sightglass, O-rings and retaining ring to suit 5200-SFI-3	77.00
5200-SFI-RK1	Sightglass repair kit comes with sightglass, O-rings and retaining ring to suit 5200-SFI	158.21

* Flange gaskets are no longer supplied, a retaining ring and machined lip hold the acrylic tube in place.

Price Group: BY
AS02



Application:	Works with tank truck flanged butterfly valves found on gasoline trucks
Design:	Allows for visual identification of the fuel grade prior to opening the valve Larger I.D. allows tank truck flanged butterfly valves to connect to either end of the 400-SFI-AL 3¼" width

Part No.	Description	Price $
5201-SFI	4" sight flow indicator	501.64

Price Group: BY
AS02

Spare Parts

Part No.	Description	Price $
5201-SFI-RK1	Sightglass repair kit comes with sightglass, O-rings and retaining ring to suit 5201-SFI	207.44

Price Group: BY
AS02

TTMA Flange Screen



Design:	Stainless steel screen encapsulated in a FKM gasket For flange dimensions, diagrams and additional information please reference dixonvalve.com.au

Part No.	Description	Price $
TTFS4SS	2" Stainless steel screen with 1" square holes	197.70

Price Group: BY
AS02

Top Operator Camlift - Manual Operation

Application:	Dixon Bayco™ Camlifts are designed for use on road tankers specifically where opening and closing of the emergency valves is required from tanker walkway.
Features:	Quick action high lift mechanism ensures maximum emergency valve opening.
Design:	Designed to interchange with other brands commonly found in the Australian market. Mount direct to tanker walkways or separate weld in flange.
Materials:	Aluminium construction, Acetal Bearing Guide, S/S Shaft, Spring & fasteners, Bay-last™ seals and cork/buna gasket
Fuel Compatibility:	Biofuel compatible up to E100 (100% Ethanol) and B100 (100% Biodiesel. For detailed fuel compatibility please consult your nearest Dixon™ offices.

Part No.	Description	Price $
DBCO402	Manual camlift assembly c/w gasket and fasteners	454.42
DBCO402TF	Weld In tank flange to suit DBCO402	66.52
DBCO402-4	Cork buna flange gasket to suit DBCO402	17.56
DBLWKIT	Lift wire kit, stainless steel c/w cable, shackles and swivel	94.59

Price Group: BY
AS02


DBCO402


DBCO402TF


DBLWKIT

Dip / Fill Tube Adaptor Kits & Blank Plates

Application:	Dixon Bayco Dip and Fill Tubes and Adaptor Kits are designed for use on tanker compartments fitted with Dip & Fill fittings. Dip and Fill Tube Blank Plates are used where tankers are not fitted with Dip or Fill Tubes.
Design:	Designed to interchange with other brands commonly found in the Australian market. Mounts direct to manholes or tanker walkways
Material:	Aluminium construction, S/S fasteners and cork/buna gasket
Associated Equipment	ALDC300DC Camlock Dust Cap AL300DC-L Lockable Camlock Dust Cap

Part No.	Description	Price $
DBDA80	Dip tube adaptor kit c/w gasket and fasteners	146.11
DBDT80-2200	Dip Tube 80mm x 2200 mm c/w gauze. Cut length to suit.	224.42
DBFA80	Fill tube adaptor kit c/w gasket and fasteners	146.11
DBFT80-2200	Fill Tube 80mm x 2200 mm c/w gauze. Cut length to suit.	127.39
DBBP80	Dip / Fill blank plate kit c/w gasket and fasteners	69.03
2459CB	Cork buna gasket to suit dip / fill tube adaptors & blank plates	10.44
DBTS80	Dip / fill tube steady, aluminum with stainless steel fasteners	61.38
DBDTG80	Dip tube guide, 80mm, weld on tank floor	164.73
DBDTG80SP	Dip Tube Guide 80mm c/w additional striker plate fitted, weld to tank floor	186.27
DBDTG-SP	Replacement Striker Plate to suit DBDTG80	19.75
DBDTG80-1	Replacement Anti Rattle Buffer to suit DBDTG80	59.49

Price Group: BY
AS02


DBDA80


DBDT80-2200



DBFA80


DBFT80-2200


DBBP80


DBTS80


DBTG80

Q

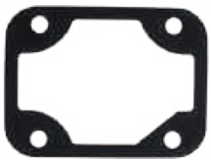
Emergency Valve - Air Actuated



Application:	Dixon Bayco Emergency Valves are designed for use on road tankers to facilitate safe and efficient loading and discharge of tank contents.
Features & Benefits:	Quick action high lift sequentially operated pneumatic ram ensures maximum emergency valve opening for optimal flow rates. Main body includes a shear groove designed to break below the valve in the event of impact. This feature is designed to retain tank contents should the tanker be struck from the underside. Easily serviced, air ram is replaceable in situ without the need to remove entire valve from tanker, main poppet assembly is easily replaced once valve is removed from the tanker.
Design:	Mounts direct to tanker underside via separate weld in flange, companion outlet adaptor flanges are also available. With common flange to flange dimensions the emergency valve is designed to interchange with other brands commonly found in the Australian market
Materials:	Aluminium construction, S/S Shaft & Roller, Steel Springs & fasteners, Baylast™ seals.
Fuel Compatibility:	Biofuel compatible up to E100 (100% Ethanol) and B100 (100% Biodiesel. For detailed fuel compatibility please consult your nearest Dixon offices.



400GTTFBL
4" TTMA Flange Gasket



40418BL
Emergency Valve
Outlet Flange Gasket

Part No.	Description	Price $
DBFVAO210	Emergency Valve Assembly c/w Air Actuator	1323.41
DBFVTF210	Weld in Tank Flange, aluminium to suit DBFVAO210 c/w studs and fasteners	111.64
DBFVOF4-100	Weld flange outlet, aluminium to suit DBFVAO210 suits 4" & 100mm wetlegs c/w fasteners	118.42
40417BL	Tank Flange Gasket, Baylast™ to suit DBFVAO210	48.64
40418BL	Outlet Flange Gasket, Baylast™ to suit DBFVAO210	32.79
DBLWKIT	Lift Wire Kit, SS c/w Cable, Shackles & Swivel	94.59
DBVFAO210RK1	Air Ram replacement Assembly c/w Baylast™ gasket	POR
DBFVAO210K2	Bonded Poppet Replacement Kit c/w pins & fasteners	272.31

* Both 40417BL & 40418BL have been designed to interchange with other manufacturers product. Please consult Dixon™ for cross reference to other brands.

Price Group: BY
AS02

Flotech™ - Checkmate Retain Overfill System 2-Wire Black & White

Application:	The Flotech™ stainless steel probes and sensor housings are designed to be used with chemicals. All wetted services are 316 stainless or PTFE. These probes are designed to thread onto a DOT 407 tan 3" clean out nipple. Sensor length can be adjusted using ¾" NPT pipe nipples.
Design:	All Flotech™ brand probes are trouble free probes, they come with a unique dual elastomer seal for the glass optic prisms. The elastomer seals are flexible allowing thermal expansion and resistance to steam cleaning and temperature changes, along with resistance to petroleum chemical attack. The replacement probes have a smooth tapered tip design for easy replacement installation into the sensor housing without gasket damage.



FT191S

FT150S

FT150S Overfill Detection Probe

Part No.	Description	Price $
FT150S	7" 316 stainless steel-black and white 2 wire, overfill detection probe only (no housing)	812.59
FT191S	316 stainless steel probe housing, 3" NPS female thread mount	1117.77

Price Group: BY

AS02

Application:	The FT152 is mechanically and electrically compatible with Scully model 08819 and the Scully Intellicheck System
Design:	The FT152 retain sensor is a bottom retain detection sensor. The sensor has a ½" NPT mounting. Sensor is shipped with a ½" NPT weld-on aluminium half coupling for mounting. The side ports come out of the same side (like the overfill sensors) to make wiring easier.
Material:	Main sensor portion is stainless steel to prevent galling in the trailer. The wiring box is plastic to prevent corrosion and is removable to facilitate installation.



FT152 Retain Sensor

Part No.	Description	Price $
FT152	Retained fluid (Belly) sensor, 2 wire black and white	543.42

Price Group: BY

AS02

Application:	The FT208 Checkmate is compatible with the Scully brand black and white two-wire thermo-optic (thermistor) overfill and retain system. Components are drop-in replacement and compatible with the signal format required by the Scully Intellicheck brand on-board monitors. Easy to follow programming guide for a maximum of eight compartments, programmable for number of compartments, top only, top and bottom service with the same monitor.



FT208 Checkmate Retain / Overfill Monitor

Part No.	Description	Price $
FT208LH	Checkmate monitor, programmable for top only, or top and bottom sensors, with housing	2086.25

Price Group: BY

AS02

Sockets

Application:	Sockets allow the transfer of the electronic signal from the terminal control monitor to the tanker and return. Sockets will vary depending upon terminal equipment and regional regulations. Flotech™ brand sockets are mechanically and electronically compatible with the API RP1004 Rel. 2003 Bottom Loading Specification.
Design:	Sockets now available with optional stainless steel a removable nose ring. Replacement face plate assemblies are drop in replacements on all industry standard socket bodies.
Material:	Optic socket face plates are standard with hard coated aluminium alloy to prevent J-slot wear, optional SS versions offer extended service life through reduced J Slot wear. All hardware and contact buttons are stainless steel to prevent corrosion. Flotech™ brand sockets are standard colour coded to permit easy identification (optic sockets are blue, thermistors are green). Coloured caps are included for optic and thermistor models



Part No.	Description	Price $
FT304A	Optic socket, 10 pin and 4 J-slots, hardcoat aluminum nose cone (Australia)	548.92
FT304SSA	Optic socket, 10 pin and J-slots stainless steel replacement nose	709.74
FT314A	Replacement face plate assembly 4 J-slots 10 pin with hardcoat aluminum nose cone, blue optic cap	327.86
FT314SSA	Replacement face plate assembly 4 J-slots 10 pin. Stainless steel nose cone with blue optic cap	358.97
FT320	Replacement blue optic cap with lanyard	43.22

Price Group: BY

AS02

Q

Flotech™ - Checkmate Retain Overfill System 2-Wire Black & White



Application:	The FT150 thermo-optic 2 wire probe is electronically and mechanically compatible for drop-in replacement of commonly used 2-wire probes with black and white wires. The FT150 provides the fast response and reliability of optic technology in a thermistor application. Compatible with the Scully Intellicheck system.
Design:	All Flotech™ brand probes come with a unique dual elastomer seal for prisms and a smooth tapered tip design for easy installation without gasket damage.

FT150 Replacement Black and White 2-Wire Probes

Part No.	Description	Price $
FT150A	Replacement probe, thermo-optic, 2 wire (black and white), 7"	503.32
FT150-18	Replacement probe, thermo-optic, 2 wire (black and white), 18"	464.96
FT150-60	Replacement probe, thermo-optic, 2 wire (black and white), 60"	830.78

Price Group: BY
AS02



Application:	Install in a 2" NPT tapped hole or 2⅜" hole using the gasket and locking nut provided. Compatible with Scully Intellicheck monitors (probe housing is part # FT9000)
Design:	The FT151 thermo-optic sensor contains the FT150 probe and a 2" NPT housing.
Materials:	Probe holder is cast aluminium with a 2" NPT mounting thread, heavy duty stainless steel hardware, and FKM probe seal. All screws and rings are heavy duty stainless steel for easy assembly and long life.

FT151 Thermo-Optic Sensors

Part No.	Description	Price $
FT151	Replacement 2 wire thermo-optic probe & 2" NPT mount housing	606.10

Price Group: BY
AS02

Overfill Kits



Part No.	Description	Price $
3COMPOVERFILLA	3 Compartment Overfill Kit c/w 3 x FT150A Probes, 1 x FT304A Tuck Plug Socket, 1 x FT155A Dummy Probe	2049.91
4COMPOVERFILLA	4 Compartment Overfill Kit c/w 4 x FT150A Probes, 1 x FT304A Tuck Plug Socket, 1 x FT155A Dummy Probe	2460.73
5COMPOVERFILLA	5 Compartment Overfill Kit c/w 5 x FT150A Probes, 1 x FT304A Tuck Plug Socket, 1 x FT155A Dummy Probe	2871.54
6COMPOVERFILLA	6 Compartment Overfill Kit c/w 6 x FT150A Probes, 1 x FT304A Tuck Plug Socket, 1 x FT155A Dummy Probe	3282.36
7COMPOVERFILLA	7 Compartment Overfill Kit c/w 7 x FT150A Probes, 1 x FT304A Tuck Plug Socket, 1 x FT155A Dummy Probe	3693.17
8COMPOVERFILLA	8 Compartment Overfill Kit c/w 8 x FT150A Probes, 1 x FT304A Tuck Plug Socket	3833.18
3COMPOVERFILLSS	3 Compartment Overfill Kit c/w 3 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket, 1 x FT155A Dummy Probe	2078.68
4COMPOVERFILLSS	4 Compartment Overfill Kit c/w 4 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket, 1 x FT155A Dummy Probe	2489.49
5COMPOVERFILLSS	5 Compartment Overfill Kit c/w 5 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket, 1 x FT155A Dummy Probe	2900.31
6COMPOVERFILLSS	6 Compartment Overfill Kit c/w 6 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket, 1 x FT155A Dummy Probe	3311.12
7COMPOVERFILLSS	7 Compartment Overfill Kit c/w 7 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket, 1 x FT155A Dummy Probe	3721.94
8COMPOVERFILLSS	8 Compartment Overfill Kit c/w 8 x FT150A Probes, 1 x FT304SSA Tuck Plug Socket	3861.95

Price Group: BY
AS02

Probe Housing

Application:	Dixon Bayco probe housing is designed for use on tanker hatches.
Design:	Designed to interchange with other popular brands commonly found in the Australian market. Mounts directly to manholes or tanked walkways.
Material:	aluminum construction
Associated Equipment:	FT150A, overfill probe



Part No.	Description	Price $
PHS2623	Probe holder assembly	POR
341905	Probe holder housing	31.50
112454	Probe housing, buna-cork gasket	6.00
112328	Stainless steel bolt M8 x 25mm long	1.10
112329	Stainless steel split washer	0.30

Price Group: BY
AS02

Grounding Ball & Bolt

Part No.	Description	Price $
FT450	Ground verification bolt	195.79
FT451	Ground verification ball	169.74



Price Group: BY
AS02

Flotech™ Overfill System Dummy Sensor FT155A

Part No.	Description	Price $
FT155A	Thermistor sensor dummy (each dummy adds up to 5 compartments)	340.66



Price Group: BY
AS02

Flotech™ Truck Tester

Application:	Allows complete testing of ground bolt grounding systems. Tests ground bolt in forward and reverse just like the rack monitor.
Features & Benefits:	• Reads TIM modules and displays the serial number on the screen • Automatic mode allows all four tests, or any combination, to run for a complete test of the trailer • LCD screen displays the final test results and a pass/fail indication for easy rapid testing of the overfill system • One man "Wet Test" feature FT555 signal an audible alarm sounding a number of beeps that match the wetted sensor • Microprocessor controlled with designed in flexibility to expand into a number of applications • Requires two D cell flashlight batteries that can be changed through a side battery access door



Part No.	Description	Price $
FT555	Truck Tester	4253.36

Price Group: BY
AS02

API Bottom Rack Loading Fittings



Application:	API coupler uses a snap on connection where the coupling action is automatic upon contact with the API adapter. The coupler is completely modular so it can be built with various face seal combinations to be compatible with different alternative fuel, performance levels and applications. Two models are available: bonded nose seal and replaceable nose seal.
Design:	• 4" TTMA inlet mounting flange • 5 cam design for easy alignment and tight connection • ball-end handle for easy, comfortable operation • no special tools needed for maintenance • shaft seals can be changed without removing coupler from loading arm • fully interlocked collar can not be opened when connected and can not be disconnected when opened • one piece bonded nose seal ensures long life and cannot be washed out • optional replaceable nose seal for quick replacement without removal from loading arm
Compatibility:	**Chemical Compatibility (FKM Seals):** • gasoline • diesel • jet fuel • avgas • 100% ethanol • 100% methanol • 100% biodiesel • any blend of the above fluids **Chemical Compatibility (Baylast Seals):** • gasoline • diesel • avgas • 100% ethanol • 100% methanol • B2 to B20 biodiesel blends
Specifications:	Fully compliant with API RP1004:2003
Material:	• body: hard coated anodized AL 356 T6 • shroud: hard coated anodized AL 356 T6, SS insert • link, shaft, pin and crank: hardened 17-4PH stainless steel • cam: CF8M stainless steel • poppet and bearing: ZA-12 • seal options: Baylast, FKM, FKM GFLT
Temperature:	FKM Seals: -28°C to 204°C, Baylast Seals: -28°C to 121°C
Pressure:	Max Working Pressure: 150 PSI, Peak Surge Pressure: 350 PSI Pressure Drop: 3 to 4 PSI

Part No.	Max Flow Rate (GPM)	Weight	Seal Material	Price $
5400	600	9.07	Baylast	3128.24
5400B	600	9.07	FKM	3575.85
5400G	600	9.07	FKM GFLT	3184.42

Other seal materials available on request.

Price Group: BY

AS02

Spare Parts		
Part No.	**Description**	**Price $**
5354K3	Shaft seal kit FKM-B to suit 5400 series API valves	79.35
5354K5	Shaft seal kit FKM-GFLT to suit 5400 series API valves	86.90
5354K15	Replaceable nose seal kit FKM-B to suit 5400 series API valves	237.23
5354K17	Replaceable nose seal kit FKM-GFLT to suit 5400 series API valves	440.30
5354K19	5400 series valve repair kit c/w poppet, links and pins	324.91
112162	PTFE U seal to suit shaft seal*	143.48
112163	PTFE U seal to suit shaft bearing seal*	145.05
112164	PTFE U seal to suit poppet O-ring*	801.25

Price Group: BY

AS02

* When optional PTFE U seals are installed in the coupler they isolate the main elastomer seals from the liquid being conveyed, thereby increasing the service life of the elastomer seals when used with more aggressive fluids

Loading Arm Swivels

Features:	• TTMA loading arm swivel with heavy duty D style shovel handle • TTMA flanges on both ends • Shovel handle is used to guide the API load coupler onto the adapter on the tank truck • Long radius elbow improves the flow into the API load coupler and provides spacing between the load arm and the tank truck • Can be used with flange extensions above



Style 30, short radius



Style 30, long radius



Style 50



Style 40

Aluminium			
Size (inch)	**Part No.**	**Description**	**Price $**
4	43HTFXTFAL11000	Style 30 short radius, with handle, TTMA x TTMA flanges with FKM seals	3088.18
4	430TFXTFAL11000	Style 30 short radius, without handle, TTMA x TTMA flanges with FKM seals	1927.77
4	43HTFTFLAL11000	Style 30 long radius, with handle, TTMA x TTMA flanges with FKM seals	2013.71
4	430TFTFLAL11000	Style 30 long radius, without handle, TTMA x TTMA flanges with FKM seals	1985.20
4	44HTFXTFAL11000	Style 40 with handle, TTMA x TTMA flanges with FKM seals	2104.95
4	440TFXTFAL11000	Style 40 without handle, TTMA x TTMA flanges with FKM seals	1940.66
4	45HTFXTFAL11000	Style 50 with handle, TTMA x TTMA flanges with FKM seals	2353.21
4	450TFXTFAL11000	Style 50 without handle, TTMA x TTMA flanges with FKM seals	2304.27

Price Group: SD

AS02

Type 35 Loading Arm Swivel Replacement Parts		
Part No.	**Description**	**Price $**
ATN100X7	4" schedule 80 aluminum nipple	142.48
100DHAN-AL	D style heavy duty shovel handle	146.18
4RKOBU	buna seal kit	67.40
4RKOVIVI	FKM seal kit	84.35

Price Group: BY

AS02

TTMA Flanged Breakaway Coupling

Features:	Minimizes spillage and damage associated with drive away and pull away incidents. Installs between an API coupler and loading arm. Coupling automatically senses excessive load, closes the valves and disconnects, release is executed when force causes the bolts to break. High flow rate / low pressure drop. 150 PSI at ambient temperature 21°C FKM/FPM is standard seal.





TETF4AL

Aluminium		
Size (inch)	**Part No.**	**Price $**
4	SBC400ALTTMA	7857.41

Price Group: SD

AS01

TTMA Flange Extensions

Features:	Used on load arms to connect an API load coupler to a load arm. Adds a 6" space between the load arm and the tank truck. Extension with groove provides a specified parting point to prevent excessive damage to the loading arm.



TETFG4AL

Aluminium			
Size (inch)	**Part No.**	**Description**	**Price $**
4	TETF4AL	TTMA flange extension	166.68
4	TETFG4AL	TTMA flange extension with groove	184.00

Price Group: SD

AS02

Q

Rack Cord Assemblies



Features:	• Highly visible safety orange jacket to meet trip hazard requirements • Cord is bonded mechanically and resistant to abrasion and oil • Cord sets are interchangeable with industry standard rack cords. • All wiring is compatible with standard Scully color codes and wiring number configurations. • The 9 pin conductor is shielded to be compatible with Scully VIP system. • Plug body is reinforced nylon and is color coded green • Button contacts are 316 stainless steel to prevent corrosion • All other hardware is stainless steel

Part No.	Description	Price $
FT600C	plug with 30' coiled cord	1818.60
FT600SC	plug with 20' straight cord	2221.46

Price Group: BY
AS02

Spare Parts		
Part No.	**Description**	**Price $**
FT601-10	replacement plug body	577.24
FT602	replacement 30' coiled cable	1079.39
FT603	plug hanger	270.75

Price Group: BY
AS02

FloTech™ FT690 Series Rack Monitor Testers



FT590TG

Part No.		Price $
FT590TG	rack tester with grounding bolt	1731.90
FT590TGT	rack tester thermistor	2038.70
FT590OG	rack tester with ground bolt	1523.50
FT590OGT	rack tester with ground bolt and Trailer Identification Module	1830.20

Price Group: SD
AS02

Reelcraft® Static Discharge Reel



Application:	Used to ground equipment in hazardous atmospheres, such as fuel trucks or carts transferring flammable materials. When properly clamped to ground, the static discharge reel dissipates static electrical buildup, reduces chances of sparking and the potential for explosion.
Design:	• Supplied with a 3/32" OD steel aircraft cable • DC resistance is approximately one ohm per 50' of steel cable

Part No.	Description	Price $
G3050	single 7" x 7" stranded steel	1103.51

Price Group: BY
AS02

API Rack Cord Assemblies

FloTech™ Part No.	Civacon Part No.	Scully Part No.	API		Cord		J Slots			Pins			Breakaway Plug		Price $
			Thermistor	Optic	20' Straight	30' Coiled	2	3	4	6	8	10	Optic J560 Aluminium	Thermistor 13 Pin Plastic	
FT600	7300SR-7300	21818	✓			✓	✓				✓				1778.50
FT600-4			✓			✓			✓		✓				1780.60
FT600C	7300CSR-7300	31092	✓			✓			✓			✓			1818.60
FT600C-2	7300C-7300		✓			✓	✓					✓			2039.10
FT600P	7320SR-7320		✓			✓	✓				✓			✓	2280.90
FT600P-4			✓			✓			✓		✓			✓	2283.00
FT600S	7300-STRAIGHT	20830	✓		✓		✓				✓				1635.60
FT600SC	7300C-STRAIGHT		✓		✓				✓			✓			2221.46
FT600CP			✓			✓			✓			✓		✓	2069.28
FT600SP			✓				✓				✓			✓	2137.90
FT605C				✓		✓			✓	✓					1965.10
FT620	7100SR-7100	21831		✓		✓		✓		✓					1736.40
FT620P	7100-J560			✓		✓		✓		✓			✓		2009.10
FT620X620				✓		✓		✓		✓					2222.40
FT620S	7100-STRAIGHT	21764		✓	✓			✓		✓					1593.60

API Rack Cord Parts

FloTech™ Part No.	Civacon Part No.	Scully Part No.	API		Cord		J Slots			Pins			Breakaway Plug		Price $
			Thermistor	Optic	20' Straight	30' Coiled	2	3	4	6	8	10	Optic J560 Aluminium	Thermistor 13 Pin Plastic	
FT601	7310SR-7310		✓				✓				✓				698.60
FT601-4			✓						✓		✓				700.70
FT601-10			✓						✓			✓			577.24
FT602			✓			✓									1079.39
FT603	7350-7350		✓						✓						270.75
FT621	7110SR-7110	21766		✓				✓		✓					702.30
FT622	7220-7220	31099		✓				✓							1123.00
FT623	7150-7150			✓				✓							210.10
FT624		31098		✓	✓	✓									1297.60

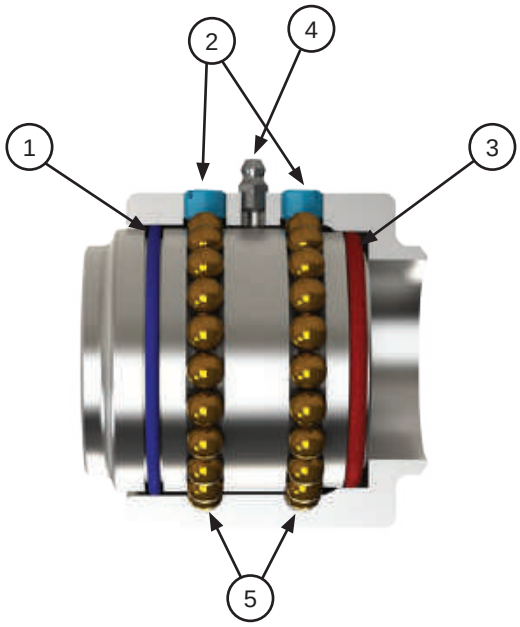
Q

Swivel Joints



Applications:	• Used wherever a leak-proof swivel connection is needed in pipelines or in combination with hoses to eliminate hose twisting • Industries range from petroleum, petrochemical, refining, mining, distilling, paint, farm irrigation and fertilizing, wastewater treatment plants and food and beverage process equipment. Dixon™'s swivel joints are found in blending plants, drum filling applications, fluid and dry bulk transfer, vacuum trucks, oil and gas trucks and water trucks. Larger swivels can be found in the steel industry, marine bulk transfer and many more.
Features:	• Full 360° rotational movement • Wide spacing between dual ball bearing raceways ensures greater load bearing capacity • Precision-machined design ensures alignment and years of trouble-free service • O-ring dust seal protects the ball races and seals chamber from outside elements • Radius elbow design ensures a smooth flow pattern • Hydrostatic testing is performed on all swivels before shipment
Options Available:	• End configurations: female NPT,150# flanges, TTMA flange, grooved, weld end and many other variations • Seal options: Buna, FKM, PTFE, EPDM, FDA Buna, FFKM • Ball bearing materials: carbon steel, 440 stainless steel, and 316 stainless steel • Grease materials: Lithium, FDA approved/food grade and silicone • Swivels that include oxygen, steam or submerged service can be specifically designed for unique applications (special order) • 100% full penetration weld • Re-build kits available • Custom swivel options available, contact Dixon™ at 1300 134 651

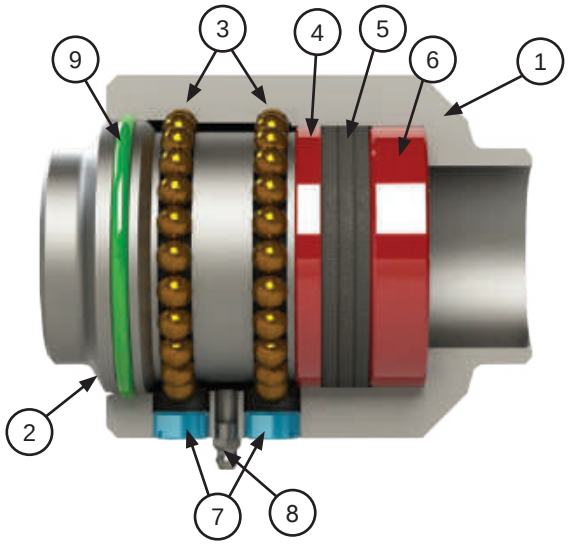
O-ring Swivel Joints - Parts Identification List



1. O-ring (dust) seal
2. ball retainer screw
3. O-ring (pressure) seal
4. grease fitting
5. ball bearings

O-ring Features:
- sizes: 1"-4"
- O-ring pressure seal ensures a leak-proof seal and smooth rotation with lower torque.
- available working pressure ratings up to 1000 PSI (6900 kPa)
- available in carbon steel, 316L stainless steel, aluminum, brass and malleable iron

V-ring Swivel Joints - Parts Identification List



1. body
2. sleeve
3. ball bearings
4. seal retainer
5. V-ring (pressure) seal
6. spring retainer
7. ball retainer screw
8. grease fitting
9. O-ring (dust) seal

V-Ring Features:
- sizes: 2"-12"
- spring loaded triple V-ring sealing system ensures a leak-proof seal at either high or low pressure and extends seal life
- available working pressure ratings up to 1000 PSI (6900 kPa)
- available in carbon steel, 316L stainless steel and limited aluminum

Swivel Joints Style Planes of Rotation - Single Plane Style 20



female NPT x female NPT



150# ASA flange x 150# ASA flange

Single Plane Style 30



female NPT x female NPT



150# ASA flange x 150# ASA flange

Single Plane Style 40



female NPT x female NPT



150# ASA flange x 150# ASA flange

Swivel Joints Style Planes of Rotation - Single Plane Style 50



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 60



female NPT x female NPT



150# ASA flange x 150# ASA flange

Double Plane Style 70



female NPT x female NPT



150# ASA flange x 150# ASA flange

Swivel Joints Style Planes of Rotation - Triple Plane Style 80



female NPT x female NPT

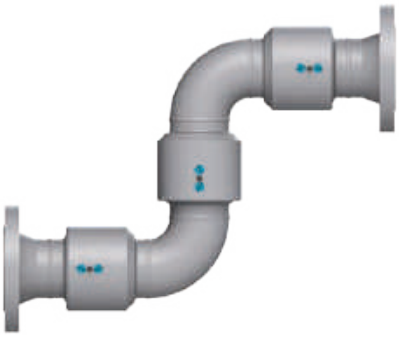


150# ASA flange x 150# ASA flange

Triple Plane Style 10



female NPT x female NPT



150# ASA flange x 150# ASA flange

Working Pressures

Dixon™ swivels are recommended for use at the following maximum Non-Shock Cold Working Pressures (NSCWP) provided in PSI, at ambient temperatures 21°C.

Size	V-ring *Carbon Steel* **CS**	O-ring *Carbon Steel* **OC**	V-ring *Stainless Steel* **SS**	O-ring *Stainless Steel* **OS**	*Aluminum* **AL**	*Brass* **BR**	*Malleable Iron* **MI**
1"	---	1000	---	1000	150	---	---
1¼"	---	---	---	---	150	---	---
1½"	---	1000	---	1000	150	300	600
2"	1000	1000	1000	1000	150	300	600
3"	1000	1000	1000	1000	150	300	600
4"	1000	---	1000	---	150	---	---
6"	1000	---	---	---	150	---	---
8"	---	---	---	---	150	---	---

- When using flanged ends, the pressure rating will be reduced to coincide with that of the flange being used. Carbon steel and stainless steel 150# flanges are recommended for use at 275 maximum PSI at ambient temperature 21°C (70°F).
- Lubrication should be performed periodically, depending on service and operating conditions. Twice yearly is normally sufficient.
- All dimensions are approximate. Where critical, contact Dixon™ at 1300 134 651.

Ordering Information - Swivels

Size	
Style (Shape)	
End Configuration	
Material	
Maximum Working Pressure	
Temperature Range	
Media: specify product being handled (if chemical, advise concentration)	
Submerged or Oxygen Service	
If for constant rotation, advise RPM	
If for suction service, advise maximum vacuum in inches of mercury (Hg)	

Our Sales and Engineering staff will be happy to help you evaluate your swivel application. Please call 1300 134 651

Ordering Information • Swivels

Example: 2 [A] 20 [B] F [C] X F [C] CS [D] 0 [E] 0 [F] 1 [G] 0 [H] 0 [I]

A Size					
B Style					
C End Connections	**W** Weld End	**F** Female NPT	**FG** 150# ASA Flange	**TF** Tank Truck Flange	**PF** 300# ASA Flange (not available in aluminum
D Material	**CS (V-ring) Carbon Steel** OC (O-ring) Carbon Steel	**SS (V-ring) Stainless Steel** OS (O-ring) Stainless Steel	**AL** Aluminum	**BR** Brass	**MI** Malleable Iron

Code	E Pressure Seal	F Dust Seal	G Retainers	H Ball Bearings	I Grease
0	Buna N (Standard)	Buna N (Standard)	No Retainers (O-ring Swivel)	Carbon Steel (Standard)	Lithium
1	FKM	FKM	Aluminum (Standard in CS V-ring)	440 Grade SS	FDA Approved/ Food Grade
2	PTFE	.....	PTFE (Standard in SS V-ring)	316 Grade SS	Silicone (Required with EPR Seals)
3	Ethylene Propylene (Requires Silicone Grease)	Ethylene Propylene (Requires Silicone Grease)	.....	.....	.....
4	FDA Buna (O-ring Only)	FDA Buna	.....	.....	.....

The Swivel should be packed such that the surfaces coming in contact with the fluid being handled are compatible with that fluid. In a case where the swivel is being used in a submerged service, this would include the dust seals and ball bearings. We always recommend the use of the stainless steel ball bearings when building a swivel for submerged service. Standard carbon steel ball bearings could rust together, making it impossible to disassemble the swivel and may affect operation.

Split Flange Swivels

Application:	Used in petroleum, blending plants, petrochemical, refining, mining, distilling, paint plants, farm irrigation and fertilizing, wastewater treatment, food and beverage process equipment and marine
Features:	Bearing pack design allows easy seal change without removing the ball bearings Simple maintenance: remove one nose piece, replace seal pack, reinstall with little down-time Instream seal separates wetted area from ball bearings allowing for longer bearing pack life over conventional swivels Pressure rating: up to 600 PSI Temperature: -40°C to 232°C depending on seal material (with standard seals: 177°C Wide set bearing race for higher moment loads Compact design for low profile applications
Material:	bearing pack: through hardened forged high carbon alloy material contact surfaces: stainless steel or carbon steel nose pieces
Available Options:	Stock end configurations: 150 lb. and 300 lb. flanges, FNPT, butt weld, others per request Stock seals: Baylast™, FKM, PTFE, others per request Full penetration weld Contact Dixon for additional materials and configurations



Size	Part No.	Description	Price $
2	SF220WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2460.30
3	SF320WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2654.40
4	SF420WXWCS00	carbon steel weld x weld with Baylast™ pressure seals	2800.10
2	SF220WXWCS10	carbon steel weld x weld with FKM pressure seals	2369.90
3	SF320WXWCS10	carbon steel weld x weld with FKM pressure seals	2389.40
4	SF420WXWCS10	carbon steel weld x weld with FKM pressure seals	2824.00
2	SF220FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	2664.20
3	SF320FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	2962.60
4	SF420FGXFGCS00	carbon steel 150# flange x 150# flange with Baylast™ pressure seals	3027.50
2	SF220FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	2552.80
3	SF320FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	2638.90
4	SF420FGXFGCS10	carbon steel 150# flange x 150# flange with FKM pressure seals	3158.10

Price Group: SD
AD09

Split Flange Swivel Components			
Size (Inch)	**Part No.**	**Description**	**Price $**
2	2SFBP	Carbon steel split flange bearing packs	1587.60
3	3SFBP	Carbon steel split flange bearing packs	1721.00
4	4SFBP	Carbon steel split flange bearing packs	1759.60
Split Flange Nose Pieces (2 required per bearing pack)			
2	2SFNPCS	carbon steel nose pieces	324.70
3	3SFNPCS	carbon steel nose pieces	344.00
4	4SFNPCS	carbon steel nose pieces	380.60
2	2SFNPSS	316 stainless steel nose pieces	865.90
3	3SFNPSS	316 stainless steel nose pieces	930.10
4	4SFNPSS	316 stainless steel nose pieces	1046.00
Seal Kits (1 required per bearing pack)			
2	2SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	116.80
3	3SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	138.80
4	4SFSK-BAYLAST	Baylast™ seal, PTFE retainer, carbon steel bolts	172.70
2	2SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	129.20
3	3SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	152.80
4	4SFSK-VI	FKM seal, PTFE retainer, carbon steel bolts	196.60
2	2SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	199.40
3	3SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	321.90
4	4SFSK-TES	PTFE seal, PTFE retainer, carbon steel bolts	253.30







Price Group: SD
AD09

Q

Maintenance & Repair Index



Test Pumps ---------- 591
Hydrostatic Test Pumps ---------- 591
Hand Hydrotest Pumps ---------- 591
Stretch Straps ---------- 592
Safety Tags ---------- 592
Safety Tape ---------- 592
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Cutters and Blades ---------- 594
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Hose Cutter & Blade ---------- 594
Hose & Tubing Cutter & Blade ---------- 594
Coupling Lubricant ---------- 594



R

Hydrostatic Test Pumps

Application:	A safe, cost effective pump to test hose before putting it into service.
Specifications:	• 5.5 gpm fill rate • Test pressure: 0 - 1500 PSI • Stainless interior • Air gauge for quick, easy adjustment of maximum test pressure • High pressure test gauge • Filter/Regulator for clean, dry air to insure long life of unit • On - off valve for air input • Easy to use. Portable • Use of Coalescing Filter and Water Filter recommended for prolonged life

Part No.	Price $
PTP	10084.02

Price Group: SD
AU02



Pneumatic

Specifications:	• 1.3 gpm fill rate • Test pressure: 200 - 2000 PSI • Suction strainer keeps dirt out of pump • High pressure test gauge • 115v motor • 6 ft. power cord • Easy to use. Portable

Part No.	Price $
ETP	8252.76

Price Group: SD
AU02

Contact Dixon™ for further information including test procedures.



Electric

Hand Hydrotest Pumps

Specifications:	• Stainless steel piston, aluminum body • Designed for use in testing pipe lines, pressure tanks and pressure vessels • Uses efficient and long lasting check valves • Cylinder displacement: 1.37 cu. in. • 0-1000 PSI pressure gauge, 10' pressure hose and quick disconnect coupler included • Piston: ⅞" with 2" stroke

Inlet NPT	Outlet NPT	Part No.	WP		Price $
			PSI	MPa	
½	½	HHTP	1000	7	3989.07

Contact Dixon™ for further information including test procedures.

Price Group: SD
AU02



R

Stretch Straps



Material:	Straps are EPDM, S-Hooks are steel.

Length (mm)	Part No.	Price $
250 *	SSE10	7.79
380 *	SSE15	10.61
530 *	SSE21	12.35
790 *	SSE31	12.06
1040 *	SSE41	10.98

* Measurement does not include S-Hooks.

Price Group: SD
AU02

WARNING!!
FAILURE TO COMPLY WITH THIS WARNING MAY RESULT IN SERIOUS DAMAGE AND/OR PERSONAL INJURY.
MAXIMUM END TO END SAFE STRETCH = 150% OF LENGTH
- Do not exceed maximum safe stretch
- Inspect before each use. Do not use if strap is cut, cracked or abraided
- Inspect hooks for damage and/ or wear. Replace if needed
- Protect strap from sharp edges or heat
- Wear eye protection during use
- Do not use this product as the primary tie down
- Refer to federal or state regulations for proper tie down methods

Safety Tags



Size (mm)	Part No.	Price $
31 x 60	DWL100	1.29

Sold in quantities of 100 only

Price Group: SD
AU02

WARNING
- Worn-out hose fittings should be replaced.
- Loose clamps on hose can be dangerous.
- Bolt type clamps should be retensioned regularly.
- For extra safety, retaining devices such as clips, chains or cables must be used.

Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies.

Safety Tape



Size (mm)	Part No.	Price $
15	DSTW	46.05

Length of tape - 50m. Approx. 255 warnings

Price Group: SD
AU02

WARNING
- Worn-out hose fittings should be replaced.
- Loose clamps on hose can be dangerous.
- Bolt type clamps should be retensioned regularly.
- For extra safety, retaining devices such as clips, chains or cables must be used.

Dixon™ strongly recommends the use of a safety tag or warning label on all hose assemblies.

PTFE Thread Tape



Specifications:	Mil spec: MIL-T-37730A Thickness: 0.09mm Density: 0.4G/CM3C Tape Length: 13.2 metres

Tape Width (mm)	Tape Length (mtr)	Part No.	Description	Price $
12	12	TTB50	PTFE Thread tape 12 mm	4.24
25	12	TT25MM	PTFE Thread tape 25 mm	2.24

Price Group: SD
HA01

R

Dixon™ Diameter Tape with Groove Depth Dimensions

An accurate groove depth is critical to the performance of any grooved piping system. Get it right with Dixon™'s diameter tape with roll grooved dimensions.

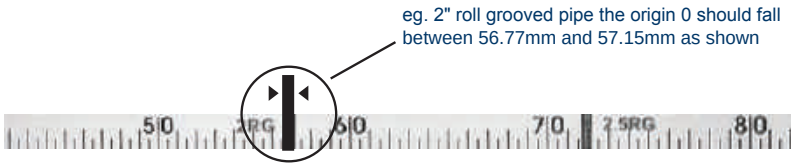
How to use Dixon™'s diameter tape

Place the diameter tape around the pipe or hose to be measured.

For grooved pipe, check that the tape is sitting flat on the base of the groove, around the entire circumference. Measure the diameter. This measurement is taken by reading the point along the tape that lines up '0'.

Using groove depth markings

If the groove is within specification, the origin '0' will fall within the relevant tolerance band, if the groove is outside specification, the '0' will be outside the relevant tolerance band.





Part No.	Price $
DDTM	14.79

Price Group: SD

AU02

Dixon™ Soft Hose Mallet

Application:	Soft Mallet for pounding metal objects without damaging them. The head material won't crack and is firmly attached to a strong shaft-handle.



580mm

Length (mm)	Weight (kg)	Part No.	Price $
580	4.5	DCM1	740.72

Price Group: SD

AU02

Dixon™ Hose Knife

Application:	For fast cutting of rubber hose & belting. Guard protects hand while cutting.



Part No.	Price $
DRK15	89.98

Price Group: SD

AU02

Coupling Inserters

Application:	For insertion of hose shanks into hose with a 70mm to 181mm OD.



Air/Hydraulic foot pump

Part No.	Description	Price $
CI96	Supplied with a 10,000 PSI hand pump and 5 ton ram.	10486.53
CI96AH	Supplied with a 10,000 PSI Air/Hydraulic pump and 5 ton ram.	12791.86
CI9311SML	Small jaws for 25mm to 75mm OD hose	263.32



Price Group: SD

AU01

R

Tubing Cutter & Blade



Specifications:	• leaves tube unaltered after cut • compact and lightweight • maximum OD 14 mm • rugged construction cuts tubing or hose up to 19 mm • corrosion resistant hardened steel blade ensures straight, crisp cuts for optimum fit

Part No.	Description	Price $
TC97	Cutter	15.75
TC97RB	Replacement Blade	13.78

Price Group: SD

AU02

Hose Cutter & Blade



Specifications:	• cuts low pressure fabric reinforced hose up to 25 mm OD • reversible blade

Part No.	Description	Price $
HC90	Cutter	74.21
HC90RB	Replacement Blade	18.89

Price Group: SD

AU02

Hose & Tubing Cutter & Blade



Specifications:	• cuts hose and tubing up to 50 mm OD • PE up to 40 mm ID • PVC up to 32 mm ID • stainless steel blade

Part No.	Description	Price $
LHC95	Cutter	99.00
LHC95RB	Replacement Blade	37.92

Price Group: SD

AU02

Dixon® Coupling Lubricant



Features:	• biodegradable lubricant for coupling shanks, O-rings, hoses, sleeves, rubber washers and grommets • once coupling lubricant drys, slipping action goes away

Part No.	Description	Price $
DCL20	1 Liter	62.01
DCL80	4 Liters	187.36

Price Group: SD

AU02

R



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SAFETY, TECHNICAL & ENGINEERING

Force Chart

Hose/Pipe ID		End Pull Force in Kilograms										
inch	mm	25 PSI	50 PSI	75 PSI	100 PSI	150 PSI	200 PSI	250 PSI	300 PSI	500 PSI	1000 PSI	2000 PSI
¼	6	1	1	2	2	3	4	5	7	11	22	44
⅜	10	1	2	4	5	7	10	12	15	25	49	98
½	13	2	4	7	9	13	17	22	26	44	87	175
¾	19	5	10	15	20	29	39	49	59	98	197	393
1	25	9	17	26	35	52	70	87	105	175	349	699
1¼	32	14	27	41	55	82	109	136	164	273	546	1,092
1½	38	20	39	59	79	118	157	197	236	393	786	1,572
2	51	35	70	105	140	210	279	349	419	699	1,397	2,795
2 ½	64	55	109	164	218	328	437	546	655	1,092	2,184	4,367
3	76	79	157	236	314	472	629	786	943	1,572	3,144	6,289
4	102	140	279	419	559	838	1,118	1,397	1,677	2,795	5,590	11,180
5	127	218	437	655	873	1,310	1,747	2,184	2,620	4,367	8,734	17,468
6	152	314	629	943	1,258	1,887	2,515	3,144	3,773	6,289	12,577	25,154
8	203	559	1,118	1,677	2,236	3,354	4,472	5,590	6,708	11,180	22,359	44,718
10	254	873	1,747	2,620	3,494	5,240	6,987	8,734	10,481	17,468	34,936	69,872
12	305	1,258	2,515	3,773	5,031	7,546	10,062	12,577	15,092	25,154	50,308	100,616

Note: For hose ID's from 1¼" to 12" the force in kilograms is greater than the PSI.

FORCE is the dynamic power which is exported longitudinally through a hose, towards the ends. To arrive at the number of kilograms of FORCE exerted, you merely multiply the area of the ID times the working pressure being used.

AREA OF A CIRCLE: $\pi \times R^2$ (PI [3.1416] x radius squared)

FORCE = AREA x PRESSURE

Force Slide Charts are available on request.

Understanding the Forces at Work

In all pressurised hose and piping systems there are invisible forces at work being used to transfer media through the system or to provide energy to equipment to perform the required task.

The same features of a pressurised system that make it useful also make it potentially dangerous. To keep pressurised systems safe it is crucial that the forces are understood, and that the equipment being used (ie hose, pipe etc) is suitable for the application.

Hose assemblies must be designed and built with confidence that they will perform to requirements without chance of failure. To achieve the required level of confidence, the hose must either have a proven history, or be tested and certified for use in that application. There is often just too much to risk should something go wrong.

The amount of end force on a hose assembly is determined by multiplying the pressure by the end cross sectional area. This end force is the force that a clamp must resist to prevent the fitting from coming out of the hose. For example, a 1" hose at 100PSI exerts 79 pounds (36kg) end force. However a 6" hose installed on the same system operating at 100PSI will exert an end force of 2,827 (1,282kg) end force.

The clamp in a hose assembly is attempting to create a frictional force between the hose and fitting greater than the force trying to push the fitting out. A hose clamp is producing both friction and a lock to overcome this end force.

Why then do fittings come out of hoses? Either the end force is greater than the frictional force on a smooth tail fitting, or the material changes shape and "flows" out of the barbs, known as 'cold flow'.

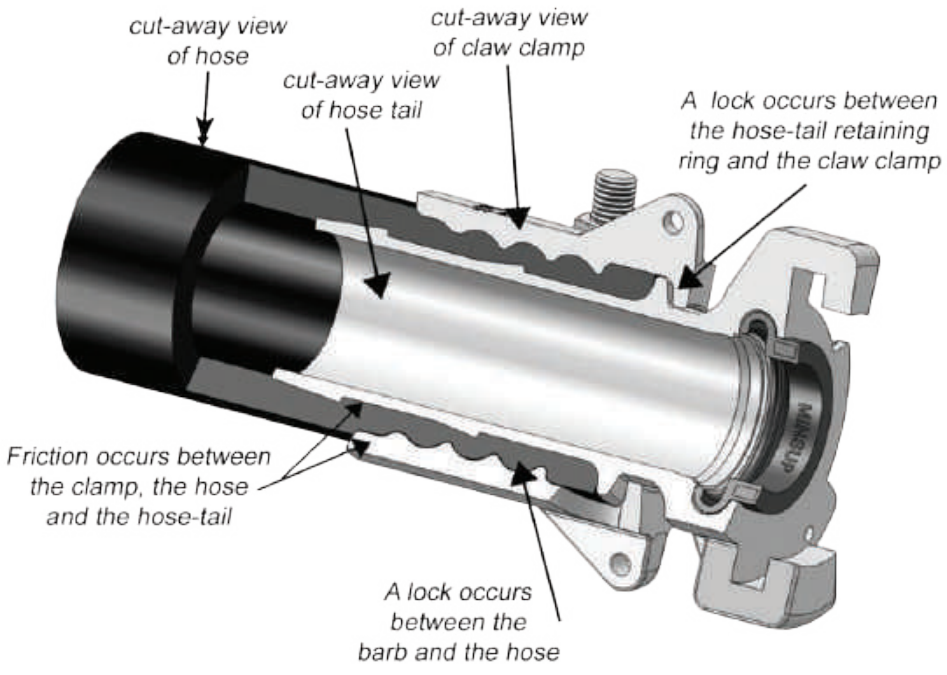
"Cold flow is the distortion, deformation or dimensional change which takes place in materials under continuous load at temperatures within the acceptable working range."

Simply put, this means the material flows and moves. In relation to hose assemblies, the force applied by the hose clamp combined with the end force caused by pressure, will cause the ends of the hose to stretch out resulting in thinner wall section. The flow on effects this has created is reduced torque on clamp bolts and less clamping force between the clamp, hose and hose tail.

The effects of cold flow will vary depending on many factors such as materials, temperature, fitting geometry etc.

When specifying a hose it is most important to ensure that all of the application criteria are explained so that a hose assembly can be specified to suit. Something as seemingly minor as a slightly elevated working temperature can dramatically effect the performance of the hose assembly.

The final consideration needs to be maintenance to your hose assembly. Although your hose assembly has been built to specifications, consideration still needs to be given to cold flow. Bolted hose assemblies must have the torque ratings checked "routinely". Many end users demand to know what "routinely" means and ask the hose supplier to specify requirements. Unfortunately, due to the number of variables at play, "routinely" can not be defined or specified. What must be done is for the end user to seek advice from the supplier on how to best maintain their hose assemblies.



MSHA (Mine Safety and Health Administration) Regulations

30 CFR Sections 56.13021 and 57.13021
Except where automatic shut-off valves are used, safety chains or other suitable locking devices shall be used at connections to machines of high-pressure hose line of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter of larger, where a connection failure would create a hazard.

30 CFR Section 75.1730

(e) Safety chains, suitable locking devices or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of ¾" inside diameter or larger, and between high-pressure hose lines of ¾" inside diameter or larger, where a connection failure would create a hazard. For the purposes of this paragraph, high-pressure means pressure of 100 PSI or more.

30 CFR Section 77.412

(d) Safety chains or suitable locking devices shall be used at connections to machines of high-pressure hose line of 1" inside diameter or larger, and between high-pressure hose line of 1" inside diameter or larger, where a connection failure would create a hazard.

OSHA Regulations

Standards - 29 CFR, 1910.242 (partial):

(b) Compressed air used for cleaning - compressed air shall not be used for cleaning purposes except where reduced to less than 30 PSI and then only with effective chip guarding and personal protective equipment.

Standards - 29 CFR, 1915.131 (partial):

(e) Before use, pneumatic tools shall be secured to the extension hose or whip by some positive means to prevent the tool from becoming accidentally disconnected from the whip.

Standards - 29 CFR, 1926.302 (partial):

(b) (1) Pneumatic power tools shall be secured to the hose or whip by some positive means to prevent the tool from becoming accidentally disconnected.

(b) (2) Safety clips or retainers shall be securely installed and maintained on pneumatic impact (percussion) tools to prevent attachments from being accidentally expelled.

(b) (3) All pneumatically driven nailers, staplers and other similar equipment provided with automatic fastener feed, which operate at more than 100PSI pressure at the tool shall have a safety device on the muzzle to prevent the tool from ejecting fasteners, unless the muzzle is in contact with the work surface.

(b) (4) Compressed air shall not be used for cleaning purposes except where reduced to 30 PSI and then only with effective chip guarding and personal protective equipment which meets the requirements of Subpart E of this part. The 30 PSI requirement does not apply for concrete form, mill scale and similar cleaning purposes.

(b) (5) The manufacturer's safe operating pressure for hoses, pipes, valves, filters and other fittings shall not be exceeded.

(b) (6) The use of hoses for hoisting or lowering tools shall not be permitted.

(b) (7) All hoses exceeding ½" inside diameter shall have a safety device at the source of supply or branch line to reduce pressure in case of hose failure.

Standards - 29 CFR, 1926.306

(a) "General requirements"

(a) (1) **"Application."** This section applies to compressed air receivers, and other equipment used in providing and utilising compressed air for performing operations such as cleaning, drilling, hoisting, and chipping. On the other hand, however, this section does not deal with the special problems created by using compressed air to convey materials, nor the problems created when men work in compressed air as in tunnels and caissons. This section is not intended to apply to compressed air machinery and equipment used on transportation vehicles such as steam railroad cars, electric railway cars, and automotive equipment.

(a) (2) **"New and existing equipment."**

(a) (2) (i) All new air receivers installed after the effective date of these regulations shall be constructed in accordance with the 1968 edition of the A.S.M.E. Boiler and Pressure Vessel Code Section VIII.

(a) (2) (ii) All safety valves used shall be constructed, installed and maintained in accordance with the A.S.M.E. Boiler and Pressure Vessel Code, Section VIII Edition 1968.

(b) 1926.306

(b) "Installation and equipment requirements"

(b) (1) "Installation." Air receivers shall be so installed that all drains, handholes, and manholes therein are easily accessible. Under no circumstances shall an air receiver be buried underground or located in an inaccessible place.

(b) (2) "Drains and traps." A drain pipe and valve shall be installed at the lowest point of every air receiver to provide for the removal of accumulated oil and water. Adequate automatic traps may be installed in addition to drain valves. The drain valve on the air receiver shall be opened and the receiver completely drained frequently and at such intervals as to prevent the accumulation of excessive amounts of liquid in the receiver.

(b) (3) **"Gauges and valves"**

(b) (3) (i) Every air receiver shall be equipped with an indicating pressure gage (so located as to be readily visible) and with one or more spring-loaded safety valves. The total relieving capacity of such safety valves shall be such as to prevent pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10 percent.

(b)(3) (ii) No valve of any type shall be placed between the air receiver and its safety valve or valves.

Standards - 29 CFR, 1926.603 (partial):

(a) (9) Steam hose leading to a steam hammer or jet pipe shall be securely attached to the hammer with an adequate length of at least ¼" diameter chain or cable to prevent whipping in the event the joint at the hammer is broken. Air hammer hoses shall be provided with the same protection as required for steam lines.

(a) (10) Safety chains, or equivalent means, shall be provided for each hose connection to prevent the line from thrashing around in case the coupling becomes disconnected.

The regulations may be viewed in full on the OSHA website, http://www.osha.gov. Please check the website for updates.

Properties of Rubber Hose

Polymer	Ethylene Propylene Diene Monomer	Natural	Neoprene	Nitrile	Styrene Butadiene	FKM	Silicone
Abbreviation	EPDM	NR	CR	NBR	SBR	FKM	SI
Hardness range ° A	20-90	30-98	25-90	20-98	25-95	60-90	30-85
Tensile strength	2	1	2	2	2	3	4
Elongation	2	1	2	2	2	2	3
Abrasion	3	2	2	2	2	3	4
Tear	2	1	2	3	3	3	4
Compression set @ 20°C	2	2	2	2	2	1	1
Compression set @ 100°C	2	4	3	2-3	3	1	1
Compression set @ 150°C	3	5	5	5	5	1	1
Denting	4	1	2	3	3	2	1
Service Temp range	-70 to 350°F -56 to 177°C	-70 t 180°F-56 to 82°C	-60 to 250°F -50 to 121°C	-65 to 212°F -55 to 100°C	-65 to 212°F -55 to 100°C	-40 to 550°F -40 to 287°C	-178 to 600°F -115 to 315°C
Max service continuous temp	100°C	70°C	90°C	80°C	80°C	220°C	220°C
Ozone - UV	1	4	2	4	4	1	1
Resiliency	3	1	2	3	4	3	2
Acids	1	3	3	4	4	1	2
Caustics	1	2	2	3	3	2	2
Petrol	5	5	3	1	5	1	4
Aromatic Hydro-carbons	5	5	5	3	5	1	5
Chlorine	4	4	4	4	4	1	3
Water	1	1	4	2	2	3	2
Ketones	1	1	3	4	5	5	4
Alcohol	1	1	2	1	1	4	2
Esters	1	1	3	4	1	1	3
Oils	5	5	3	1	5	1	3
Ratings	1 = Excellent; 2 = Above Average; 3 = Average; 4 = Fair; 5 = Unsuitable						

Minimum Hose Bend Radius Recommendations



Hose	Wire Reinforced	Non-Wire Reinforced
Up to 50mm ID	6 Times	12 Times
Over 50mm ID	8 Times	12 Times

* Multiply hose OD by factor in chart

The bend radius is the radius of the arc through which a hose is bent. The minimum bend radius is the tightest arc in which a hose can be bent without kinking or otherwise damaging the hose.

Bending a hose to a tight radius imposes stresses on the structure of the hose which may cause a reduction in the performance, or in extreme cases, cause permanent damage to the hose.

The minimum bend radius that a hose will withstand depends upon many factors including the wall thickness, the presence of a wire helix, the type of reinforcing material and the loss of performance that can be tolerated.

It is recommended that the following guides be used to determine the minimum bend radius for the range of rubber hoses.

*** This figure should be taken as a general guide only. If unsure Contact Dixon™.**

S

Basic Compounds in Rubber Hose

The following table gives the general properties of the most common rubber compounds used in hose today.
It is provided as a guide therefore generalised to some degrees.

Common Name	ASTM	Composition	General Properties
Butyl	iir	Sobutylene	Excellent weathering resistance: Low permeability to air and gas: Good physical properties: Heat resistant: Poor resistance to petroleum based fluids:
CPE	cm	Chlorinated Polyethylene Elastomer	Excellent ozone and weathering resistance: Excellent oil and aromatic resistance Excellent flame resistance:
Cross Linked Polyethylene	-	Cross Linked Polyethylene	Excellent resistance to a very wide range of solvents, chemicals, acids and oil (including aromatics)
EPDM	EPDM	Ethylene Propylene Diene Monomer	Excellent ozone, chemical and ageing characteristics: Poor resistance to petroleum based fluids: Very good steam resistance:
EPR	epm	Ethylene Propylene Copolymer	Excellent ozone, weathering, heat, chemical and ageing resistance: low permeability to water: Not oil resistant:
Hypalon	csm	Chloro-Sulphonated-Polyethylene	Excellent weathering, ozone and acid resistance: Good heat and abrasion resistance: fair resistance to petroleum based fluids:
Natural	nr	Isoprene Natural	Excellent physical properties: Very good abrasion resistance, Acid-resistance, Not oil resistant,
Neoprene (Perbunan-C)	cr	Chloroprene	Excellent weathering resistance: Flame retarding: good oil resistance: good physical properties:
Nitrile (Buna-N)	nbr	Nitrile-Butadiene	Excellent oil resistance: Moderate resistance to aromatics: Good physical properties
NVC/70	nbr/PVC	Nitrile Polyvinyl Chloride	Excellent oil and weathering resistance both for tube and cover:
Polyacrylic	acm	Acrylic Monomer	Excellent oil and tar resistance at high temperatures
SBR	sbr	Styrene-Butadiene	Good physical properties: Good abrasion resistance: Poor resistance to petroleum based fluids:
FKM	fpm	Hexafluoro-Propylene Vinilydene Fluoride	Excellent high temperature resistance in air and oil: Very good chemical resistance.

Water Discharge Table

This table is intended for general reference and general applicability only, and should not be relied upon as the sole or precise source of information available with respect to the subject covered. The user should also refer to and follow manufacturer's specific instructions and recommendations with regard to such information, where they exist.

Flow of water through 30 metre lengths of hose, Straight-Smooth Bore - litres per minute

PSI at Hose Inlet	Nominal Hose ID Diameters - Inch							
	1"	1¼"	1½"	2"	2½"	3"	4"	6"
20	98	178	288	609	1098	1772	3774	10959
30	121	220	356	757	1363	2203	4694	13639
40	144	257	416	886	1594	2574	5485	15933
50	163	291	469	999	1798	2903	6189	17973
60	178	322	519	1102	1984	3202	6829	19832
75	201	360	583	1245	2237	3615	7703	22372
100	235	424	681	1454	2612	4221	8998	26134
125	265	477	768	1639	2949	4762	10149	29481
150	291	526	848	1809	3252	5254	11197	32528
200	341	613	992	2112	3801	6136	13079	37998

Figures are to be used as a guide since the hose inside diameter tolerance, the type of fittings used, and orifice restriction all influence the actual discharge. Thus, variations plus or minus from the table may be obtained in actual service.

Pressure Drop In Rubber Hoses - Water

The following tables of pressure drops and flow rates are based on experimental data and may be considered typical of most hoses. The data is based upon hoses laid out in a straight line and thus it must not be considered as an exact result that may be obtained at a given pressure. Variables such as hose fittings and bend increase the frictional losses and an estimate of their effect may be determined by adding an "equivalent length" to the hose length. Values of the equivalent length (Le) may be determined using the diameter (D) of the hose in the following relationships:

90° Swept Elbow - Le = 20D
90° Square Elbow - Le = 50D
45° Square Elbow - Le = 16D
Hose Coupling - Le = 05D

Pressure Drop (kPa per 100 metres) Water @ 20°C Through Hose

Flow Rate l/m	Hose Nominal Bore mm												
	12.5	16	19	25	32	38	40	50	64	75	80	100	125
25	1100	470	210	50	-	-	-	-	-	-	-	-	-
50	-	2440	770	200	90	30	-	-	-	-	-	-	-
100	-	-	2660	730	300	100	55	30	-	-	-	-	-
200	-	-	-	-	1030	405	285	95	25	-	-	-	-
300	-	-	-	-	-	900	650	210	65	20	-	-	-
400	-	-	-	-	-	-	1200	370	110	40	-	-	-
500	-	-	-	-	-	-	-	580	155	70	50	-	-
1000	-	-	-	-	-	-	-	-	575	230	180	55	-
2000	-	-	-	-	-	-	-	-	-	920	600	220	45
3000	-	-	-	-	-	-	-	-	-	2125	1400	490	100
4000	-	-	-	-	-	-	-	-	-	-	-	805	190
5000	-	-	-	-	-	-	-	-	-	-	-	1390	315

Note: (1) Pressure drop is directly proportioned to the length of hose.
(2) Friction is independent of pressure and proportional to velocity.

Flow Rate of Water through Hose

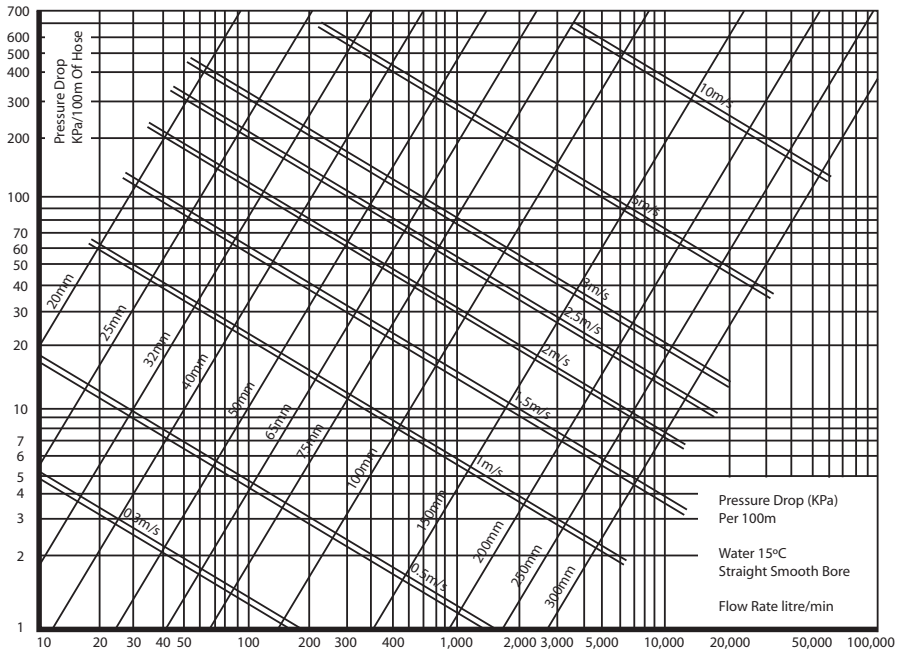
Volumetric Flowrate of Water Through 100m Hose (litre/minute)														
Inlet Pressure (kpa)	Hose Internal Diameter (mm)													
	12.5	16	20	25	32	38	40	50	64	75	80	100	150	200
150	15.5	31	48	102	181	299	359	639	1145	1701	2079	3969	11482	24239
200	18.5	35	57	117	215	352	408	741	1342	2126	2457	4631	13466	28870
300	24	42	71	157	272	438	499	922	1663	2717	3071	5670	16727	35749
400	29.5	49	82	178	317	510	582	1081	1950	3189	3662	6710	19609	41675
500	33	56	93	200	355	575	658	1221	2200	3544	4064	7560	22047	46967
600	36	62	102	219	397	635	730	1349	2430	3936	4408	8269	24334	51739
700	38	69	111	238	427	688	801	1467	2646	4253	4772	9025	26413	56228
800	41	73	120	257	464	737	862	1576	2835	4631	5198	9686	28634	60480
900	43	77	127	272	491	783	919	1686	3013	4938	5576	10348	30335	64260
1000	45	82	134	291	522	828	972	1788	3187	5198	5906	11009	32036	67946
1250	52	93	149	333	586	937	1111	2015	3595	5826	6804	12521	36052	76592

Pressure Drop in Rubber Hoses - Air

Pressure Drop of Air Through Rubber Hose								
Size mm	Cu/m of Free Air							
	0.5	1.0	1.25	1.5	2.0	2.75	3.5	4.25
12.5	249	855	1325	-	-	-	-	-
19	-	215	350	505	895	1725	2745	-
25	-	-	-	-	250	465	755	1100
32	-	-	-	-	80	100	175	285
38	-	-	-	-	-	45	75	135

Pressure Drop of Air Through Rubber Hose												
Size mm	Cu/m of Free Air											
	15	20	30	40	50	60	70	80	90	100	125	150
50	385	680	1530	2690	4230	-	-	-	-	-	-	-
64	160	270	565	1020	1630	2350	3170	4185	5270	-	-	-
76	-	-	215	330	520	745	1020	1335	1675	2035	3190	4590

Pressure Drop in Layflat Hoses



Chemical Resistance Chart for Rubber Hose

Key to Chemical Guide

EX - Recommended, little or no effect on tube compound, suitable for continuous service.
G - Recommended, minor effect on tube compound may be suitable for continuous service, suitable for intermittent service.
C - Questionable, moderate to severe effect on tube, may be suitable for limited applications.
X - Not recommended.
I - No data available, but not expected to perform better than rated compounds.

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross Linked Poly Ethylene	CPE
Acetaldehyde 50%	G	C	G	X`	C	C	X	EX	I
Acetic Acid-Glacial	G	C	G	C	X	G	C	EX	EX
Acetic Acid 30%	G	G	G	G	EX	G	G	EX	EX
Acetic Anhydride	C	EX	G	C	G	G	X	EX	EX
Acetone	G	G	C	X	C	C	X	EX	EX
Acetyl Chloride	X	X	X	X	X	X	EX	G	EX
Acetylene	G	G	G	EX	G	G	EX	EX	I
Adipic Acid	G	I	EX	EX	EX	EX	I	I	I
Aluminium Acetate	G	EX	EX	G	G	G	X	EX	EX
Aluminium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Aluminium Fluoride	G	EX	G	EX	EX	EX	EX	EX	I
Aluminium Nitrate	G	EX	EX	EX	EX	EX	EX	EX	EX
Aluminium Sulfate	G	EX	EX	EX	EX	EX	EX	EX	EX
Ammonia Anhydrous	G	G	X	G	EX	X	X	EX	EX
Ammonia Gas (cold)	G	EX	EX	EX	EX	EX	EX	X	EXI
Ammonia Gas (hot)	C	G	X	X	G	X	X	EX	I
Ammonium Carbonate	G	I	EX	X	EX	EX	I	I	EX
Ammonium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Ammonium Hydroxide	G	EX	X	X	EX	X	G	EX	EX
Ammonium Nitrate	G	EX	C	EX	EX	G	I	EX	I
Ammonium Nitrite	G	EX	EX	EX	EX	EX	I	EX	I
Ammonium Phosphate	G	EX	EX	EX	EX	EX	I	EX	EX
Ammonium Sulfate	G	EX	EX	EX	EX	EX	X	EX	EX
Amyl Acetate	X	X	X	X	X	X	X	EX	C
Amyl Alcohol	G	EX	G	G	G	G	G	EX	EX
Aniline	G	C	X	X	X	X	C	EX	G
Aniline Dynes	G	G	G	X	G	G	G	EX	G
Aniline Hydrochloride	C	X	G	G	X	X	G	EX	I
Animal Fats	C	G	X	EX	G	X	EX	EX	EX
Aqua Regia	X	EX	X	X	X	X	G	X	G
Arsenic Acid	G	EX	G	EX	EX	EX	EX	EX	EX
Arsenic Trichloride	X	I	X	EX	EX	I	I	X	I
Asphalt	I	G	X	G	G	X	EX	X	I
Barium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Barium Sulfate	G	EX	EX	EX	EX	EX	EX	EX	EX
Barium Sulphide	G	EX	EX	EX	EX	G	EX	EX	EX
Beer	G	EX	EX	EX	EX	EX	EX	I	EX
Benzene	X	X	X	X	X	X	EX	EX	X
Benzyl Alcohol	G	G	X	X	G	X	EX	EX	I
Benzyl Benzoate	C	X	X	X	X	X	X	EX	I
Benzyl Chloride	X	X	X	X	X	X	EX	EX	X
Benzoic Acid	X	X	X	C	X	X	EX	EX	EX
Bordeaux Mixture	G	EX	G	G	G	G	EX	EX	I
Boric Acid	G	EX	EX	EX	EX	EX	EX	EX	EX
Brine	G	EX	EX	EX	EX	EX	EX	EX	EX
Bromine - Anhydrous	X	X	X	X	X	X	EX	X	I
Bromine Trifluoride	X	X	X	X	X	X	X	X	I
Bromine Water	G	EX	X	X	X	X	EX	X	I
Bromotoluene	X	X	X	X	X	X	EX	C	X
Bunker Oil	X	X	X	EX	X	X	EX	EX	I

Chemical Resistance Chart for Rubber Hose

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross Linked Poly Ethylene	CPE
Butane	X	G	X	EX	EX	X	EX	EX	G
Butadiene	X	C	X	X	X	X	EX	EX	I
Butter	G	G	X	EX	G	X	EX	EX	G
Butyl Acetate	X	X	X	X	X	X	X	EX	G
Butyl Alcohol	C	EX	EX	EX	EX	EX	EX	EX	EX
Butyl Amine	G	X	X	C	X	X	X	I	G
Butyl Benzoate	C	X	C	X	X	G	EX	EX	I
Butyl Cellosolve	G	G	X	C	C	X	X	EX	EX
Butyl Stearate	X	X	X	G	X	X	EX	EX	G
Butyraldehyde	C	X	X	X	C	X	X	EX	G
Calcium Acetate	G	G	EX	G	G	X	X	EX	EX
Calcium Bisulfite	X	EX	X	X	EX	X	EX	EX	EX
Calcium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Calcium Hydroxide	G	EX	EX	EX	EX	EX	EX	EX	EX
Calcium Hypochlorite	G	EX	C	G	C	C	EX	C	EX
Calcium Nitrate		EX	EX	EX	EX	EX	EX	EX	EX
Calcium Sulfide	G	EX	G	EX	EX	G	EX	EX	EX
Carbitol	C	G	G	G	G	G	G	EX	EX
Carbonic Acid (phenol)	C	X	X	X	C	X	EX	EX	EX
Carbon Bisulfide	X	X	X	C	X	X	EX	I	C
Carbon Dioxide	C	G	G	EX	G	G	EX	EX	I
Carbonic Acid	G	EX	EX	G	EX	G	EX	EX	EX
Carbon Monoxide	G	G	G	EX	G	G	EX	EX	I
Carbon Tetrachloride	X	X	X	C	X	X	EX	EX	X
Castor Oil	C	G	EX	EX	EX	EX	EX	EX	EX
Cellosolve	C	X	X	X	X	X	C	EX	I
Cellosolve Acetate	C	X	X	X	X	X	X	EX	I
Chlorine (dry)	X	G	X	X	C	X	EX	C	I
Chlorine (wet)	X	C	X	X	C	X	EX	C	I
Chlorine Dioxide	X	C	X	X	X	X	EX	C	I
Chloroacetone	G	C	X	X	C	X	X	EX	X
Chloroacetic Acid	G	EX	X	X	X	X	X	EX	I
Chlorobenzene	X	X	X	X	X	X	EX	EX	X
Chlorobutadiene	X	X	X	X	X	X	EX	EX	I
Chloroform	X	X	X	X	X	X	EX	G	X
Chlorotoluene	X	X	X	X	X	X	EX	G	X
Chrome Plating Solutions	C	X	X	X	X	X	EX	I	I
Chromic Acid	G	G	X	X	C	X	EX	EX	EX
Citric Acid	G	EX	EX	EX	EX	EX	EX	EX	I
Cobalt	G	EX	EX	EX	EX	EX	EX	EX	I
Coconut Oil	X	C	X	EX	G	X	EX	EX	I
Cod Liver Oil	G	G	X	EX	G	X	EX	EX	I
Coke Oven Gas	X	C	X	X	X	X	EX	EX	I
Copper Acetate	G	G	EX	G	G	X	X	EX	I
Copper Chloride	G	G	EX	EX	G	EX	EX	EX	G
Copper Cyanide	G	EX	EX	EX	EX	EX	EX	EX	I
Copper Sulfate	G	EX	G	EX	EX	G	EX	EX	EX
Corn Oil	X	G	X	EX	C	X	EX	EX	G
Cottonseed Oil	C	G	X	EX	G	X	EX	EX	G
Creosote (coal tar)	X	X	X	EX	G	X	EX	EX	I
Cresol	X	X	X	X	C	X	EX	EX	EX
Cresylic Acid	X	X	X	X	C	X	EX	EX	I
Cumene	X	X	X	X	X	X	EX	EX	C
Cyclohexane	X	X	X	EX	C	X	EX	EX	EX
Cyclohexanol	X	G	X	C	EX	X	EX	EX	EX
Cyclohexanone	G	X	X	X	X	X	X	EX	G
P-Cymene	X	X	X	X	X	X	EX	EX	X
Decalin	X	X	X	X	X	X	EX	EX	X
Denatured Alcohol	G	EX	EX	EX	EX	EX	EX	EX	EX
Detergent Solution (non-hydrocarbon)	G	G	G	EX	G	G	EX	EX	G
Diacetone	G	X	X	X	X	X	X	EX	I

Chemical Resistance Chart for Rubber Hose

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross Linked Poly Ethylene	CPE
Diacetone Alcohol	G	G	X	X	G	X	X	EX	EX
Dibenzyl Ether	C	X	X	X	C	X	X	EX	C
Dibutyl Amine	G	X	X	X	X	X	X	EX	EX
Dibutyl Ether	X	X	X	X	C	X	C	EX	EX
Dibutyl Phthalate	C	X	X	X	X	X	C	EX	C
Dibutyl Sebecate	C	X	X	X	X	X	G	EX	G
Dichlorobenzene	X	X	X	X	X	X	EX	EX	X
Diesel Oil	X	C	X	EX	C	X	EX	EX	I
Diethlamine	G	C	G	G	G	G	X	EX	G
Diethalmine Benzene	X	X	X	X	X	X	EX	EX	X
Diethyl Either	X	C	X	X	C	X	X	EX	EX
Diethylene Glycol	G	EX	EX	EX	EX	EX	EX	EX	EX
Diethyl Sebecate	C	G	X	G	X	X	G	EX	G
Diisobutylene	G	X	X	G	X	X	EX	EX	I
Diisopropyl Benzene	X	X	X	X	X	X	EX	EX	I
Disopropyl Ketone	G	X	X	X	X	X	X	EX	I
Dimethyl Formamide	G	X	X	G	C	X	X	EX	I
Dimethyl Phthalate	G	X	X	X	X	X	G	EX	EX
Dinitrotoluene	X	X	X	X	X	X	EX	EX	X
Dioctyl Phthalate	C	X	X	C	X	X	G	EX	C
Dioctyl Sebecate	C	X	X	X	X	X	G	EX	X
Dipentene	X	X	X	G	X	X	EX	EX	G
Piphenyl (phenylbenzene)	X	X	X	X	X	X	EX	EX	I
Dowtherm Oil	X	X	X	X	X	X	EX	EX	C
Dry Cleaning Fluids	X	X	X	C	X	X	EX	I	I
Ethane	X	G	X	EX	G	X	EX	EX	I
Ethanolamine	G	C	G	G	G	G	X	EX	EX
Ethyl Acetate	G	X	X	X	C	X	X	EX	G
Ethyl Acetoacetate	G	X	C	X	C	C	X	EX	EX
Ethyl Alcohol	G	EX	EX	EX	EX	EX	C	EX	EX
Ethyl Benzene	X	X	X	X	X	X	EX	EX	X
Ethyl Benzoate	G	X	EX	X	X	EX	EX	G	X
Ethyl Cellulose	C	G	G	G	G	G	X	EX	I
Ethyl Chloride	X	X	X	EX	X	X	EX	EX	I
Ethyl Ether	X	X	X	C	C	X	X	EX	EX
Ethyl Formate	C	G	X	X	G	X	EX	EX	EX
Ethyl Pentochloro-benzene	X	X	X	X	X	X	EX	X	X
Ethyl Silicate	G	G	G	EX	EX	G	EX	EX	EX
Ethylene	C	-	C	EX	C	C	EX	I	I
Ethylene Chloride	X	X	X	X	X	X	EX	EX	I
Ethylene Chlorohydrin	C	G	G	X	G	G	EX	EX	I
Ethylene Diamine	G	G	EX	EX	EX	G	X	EX	G
Ethylene Dichloride	X	X	X	X	X	X	EX	EX	C
Ethylene Glycol	G	EX	EX	EX	EX	EX	EX	EX	EX
Ethylene Trichloride	X	X	X	X	X	X	EX	EX	I
Ferric Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Ferric Nitrate	G	EX	EX	EX	EX	EX	EX	EX	EX
Ferric Sulfate	G	EX	EX	EX	EX	EX	EX	EX	EX
Fish Oil	X	I	X	EX	X	X	EX	EX	I
Fluoroboric Acid	G	EX	EX	EX	EX	EX	I	EX	EX
Fluorobenzene	X	I	X	X	X	X	EX	EX	I
Fluorolube	G	EX	G	EX	G	C	G	I	I
Fluosilic Acid	C	EX	G	EX	G	C	EX	G	EX
Formaldehyde	G	EX	G	C	G	G	X	EX	EX
Formic Acid	G	X	G	G	EX	EX	C	G	EX
Freon 12	C	EX	G	EX	EX	EX	G	EX	EX
Freon 13	EX	EX	EX	EX	EX	EX	EX	EX	EX
Freon 21	X	X	X	EX	X	X	X	EX	X
Freon 22	G	EX	G	EX	EX	EX	X	EX	EX
Freon 114	G	EX	EX	EX	EX	EX	G	EX	I
Fuel Oil	X	G	X	EX	G	X	EX	EX	EX
Furtural	G	C	X	X	C	X	X	EX	EX
Gallic Acid	G	G	EX	G	G	G	EX	EX	I

Chemical Resistance Chart for Rubber Hose

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross Linked Poly Ethylene	CPE
Gasoline	X	C	X	EX	C	X	EX	EX	I
Gelatin	G	EX	EX	EX	EX	EX	EX	EX	I
Glucose	G	EX	EX	EX	EX	EX	EX	EX	I
Glue	G	EX	G	EX	EX	G	EX	EX	EX
Glicerine	G	EX	EX	EX	EX	EX	EX	EX	EX
Glycols	G	EX	EX	EX	EX	EX	EX	EX	I
Green Sulfate liquor	G	G	G	G	G	G	EX	EX	G
Hexane	X	G	X	EX	G	X	EX	G	G
Helix Alcohol	X	G	G	EX	G	G	EX	EX	EX
Hydraulic Alcohol	X	G	X	EX	G	X	EX	EX	EX
Hydrobromic Acid	G	EX	EX	X	X	X	EX	EX	EX
Hydrobromic Acid (hot 37%)	X	X	X	X	X	X	G	EX	I
Hydrochloric Acid	G	EX	G	C	G	G	EX	EX	EX
Hydrocyanic Acid	G	EX	G	G	G	G	EX	C	I
Hydrofluoric Acid (conc. hot)	G	C	X	X	X	X	C	EX	I
Hydrofluoric Acid (conc. cold)	G	EX	X	X	X	X	EX	EX	EX
Hydrofluoric Acid (anhydrous)	G	EX	X	X	X	X	X	EX	I
Hydrofluosilic Acid	C	EX	G	EX	G	C	EX	I	EX
Hydrogen Gas	G	EX	G	EX	EX	EX	EX	EX	EX
Iodine	X	EX	X	X	X	X	X	EX	EX
Isobutyl Alcohol	G	EX	EX	G	EX	G	EX	EX	EX
Isoctane	X	G	X	EX	G	X	EX	EX	G
Isopropyl Acetate	C	X	X	X	X	X	X	EX	I
Isopropyl Alcohol	G	EX	EX	G	G	G	EX	EX	EX
Isopropyl Chloride	X	X	X	X	X	X	EX	EX	I
Isopropyl Ether	X	C	X	G	C	X	X	EX	I
Kerosene	X	C	X	EX	G	X	EX	EX	EX
Lactic Acid (cold)	G	EX	EX	EX	EX	EX	EX	EX	I
Lactic Acid (hot)	G	EX	X	X	X	X	EX	EX	I
Lard	C	X	X	EX	G	X	EX	EX	EX
Lavender Oil	X	X	X	G	X	X	EX	G	I
Lead Acetate	G	X	EX	G	EX	X	X	EX	EX
Lead Nitrate	G	EX	EX	EX	EX	I	EX	EX	EX
Lead Sulfamate	G	EX	G	G	EX	G	EX	EX	I
Linseed Oil	X	G	X	EX	G	X	EX	EX	EX
Liquefied Petroleum Gas	X	G	X	EX	G	X	EX	EX	G
Lubricating Oils	X	G	X	EX	G	X	EX	EX	EX
Lye	G	EX	G	G	G	G	G	I	EX
Magnesium Chl	G	EX	EX	EX	EX	EX	EX	EX	EX
Magnesium Hydroxide	G	EX	G	G	EX	G	EX	EX	EX
Magnesium Sulfate	G	EX	G	EX	EX	G	EX	EX	EX
Maleic Acid	G	X	C	X	C	C	EX	G	I
Maleic Anhydride	C	EX	C	X	C	C	X	I	I
Malic Acid	G	G	C	EX	C	C	EX	I	I
Mercury	G	EX	EX	EX	EX	EX	EX	EX	EX
Mesityl Oxide	C	X	X	X	X	X	X	EX	G
Methane	X	G	X	EX	G	X	G	EX	G
Methyl Acetate	G	X	C	X	G	C	X	EX	EX
Methyl Alcohol	G	EX	EX	EX	EX	EX	X	EX	EX
Methyl Bromide	C	X	X	G	X	X	EX	I	I
Methyl Butyl Ketone (propylacetone)	G	X	X	X	X	X	X	EX	I
Methyl Cellosolve	C	G	X	G	G	X	X	EX	EX
Methyl Chloride	X	X	X	X	X	X	EX	G	X
Methyl Ethyl Ketone (MEK)	C	X	X	X	C	X	X	EX	G
Methyl Isobutyl Ketone	C	X	X	X	X	X	X	EX	G
Methyl Oleate	C	X	X	X	X	X	G	EX	I
Milk	G	EX	EX	EX	EX	EX	EX	EX	EX
Mineral Oil	X	G	X	EX	G	X	EX	EX	EX

Chemical Resistance Chart for Rubber Hose

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross LInked Poly Ethylene	CPE
Monochlorobenzen	X	X	X	X	X	X	EX	G	I
Monoethanolamine	G	X	G	X	X	G	X	EX	I
Monomethylether	X	G	X	EX	C	X	EX	I	G
Monovinyl Acetylene	G	G	G	EX	G	G	EX	I	G
Naphtha	X	X	X	G	C	X	EX	EX	EX
Naphthalene	X	X	X	X	X	X	EX	EX	EX
Napthenic Acid	X	X	X	G	X	X	EX	EX	EX
Natural Gas	X	EX	G	EX	EX	G	EX	EX	EX
Nickel Acetate	G	X	EX	G	G	X	X	EX	I
Nickel Choride	G	EX	EX	EX	EX	EX	EX	EX	EX
Nickel Sulfate	G	EX	G	EX	EX	G	EX	EX	EX
Nitric Acid (conc)	X	G	X	X	X	X	C	G	X
Nitric Acid (dilute)	X	EX	X	X	G	X	EX	EX	EX
Nitrobenzene	G	X	X	X	X	X	G	EX	C
Nitroethane	C	G	G	X	C	G	X	EX	EX
Nitrogen	G	EX	EX	EX	EX	EX	EX	EX	EX
Octachlorofuluene	X	X	X	X	X	X	EX	I	X
Octyl Alcohol	X	G	G	G	EX	G	EX	EX	EX
Oleic Acid	X	C	X	C	C	X	G	EX	EX
Oleum	G	G	X	G	C	X	EX	I	I
Olive Oil	C	G	X	EX	G	X	EX	EX	G
O-Dichlorobenzene	X	X	X	X	X	-	EX	I	X
Oxalic Acid	G	G	G	G	G	G	EX	EX	EX
Oxygen Cold	G	EX	G	G	EX	G	EX	EX	EX
Ozone	G	EX	X	X	C	X	EX	EX	EX
Palmitric Acid	C	C	G	EX	G	G	EX	G	EX
Peanut Oil	X	G	X	EX	C	X	EX	EX	EX
Perchloric Acid	C	G	X	X	G	X	EX	EX	I
Perchloroethylene	X	X	X	G	X	X	EX	EX	X
Petroleum	X	G	X	EX	G	X	EX	EX	EX
Phenol (carbolic Acid)	G	G	X	X	C	I	EX	EX	EX
Phenylbenzene	X	X	X	X	X	X	EX	I	X
Phenyl Hydrazine	C	X	EX	X	X	G	EX	EX	X
Phorone	X	X	X	X	X	X	X	EX	I
Phosphoric Acid 20%	G	EX	G	G	G	G	EX	EX	EX
Phosphoric Acid 80%	G	G	C	X	G	C	EX	EX	EX
Phosphorus Trichloride	G	X	X	X	X	X	EX	I	X
Picric Acid	G	G	G	G	EX	G	EX	EX	G
Pine Oil	X	X	X	EX	X	X	EX	EX	EX
Polyvinyl Acetate Emulsion	G	G	G	I	G	X	EX	I	I
Potassium Acetate	G	EX	EX	G	G	X	X	EX	EX
Potassium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Potassium Cupro Cyanide	EX	EX	EX	EX	EX	EX	EX	EX	EX
Potassium Cyanide	G	EX	EX	EX	EX	EX	EX	EX	EX
Potassium Dichromate	G	EX	G	EX	EX	G	EX	G	EX
Potassium Hydroxide	G	EX	G	G	G	G	X	EX	EX
Potassium Nitrate	G	EX	EX	EX	EX	EX	EX	EX	EX
Potassium Sulfate	G	G	G	EX	EX	EX	EX	EX	EX
Propane	X	G	X	EX	G	X	EX	EX	G
Propyl Acetate	C	X	X	X	X	X	X	EX	G
Propyl Alcohol	G	EX	EX	EX	EX	EX	EX	EX	EX
Propyl Nitrate	G	G	X	X	X	X	X	EX	G
Propylene	X	X	X	X	X	X	EX	EX	EX
Pyranol (transformer oil)	X	C	X	EX	G	X	EX	EX	EX
Pyridine	G	G	X	X	X	X	X	EX	I
Sal Ammoniac	G	EX	EX	EX	EX	EX	EX	EX	EX
Salicyclic Acid	G	-	EX	G	EX	G	EX	EX	EX
Salt Water	G	EX	EX	EX	EX	EX	EX	EX	EX
Sewerage	G	EX	G	EX	G	G	EX	EX	EX
Silicone Greases	G	EX	EX	EX	EX	EX	EX	EX	EX

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Chemical Resistance Chart for Rubber Hose

Chemical	EPDM	Hypalon	Natural	Nitrile	Chloro-prene	SBR	FKM	Cross Linked Poly Ethylene	CPE
Silicone Oils	G	EX	EX	EX	EX	EX	EX	EX	EX
Silver Nitrate	G	EX	EX	G	EX	EX	EX	EX	EX
Skydrol 500	G	X	X	X	X	X	X	EX	G
Skydrol 7000	G	X	X	X	X	X	G	EX	G
Soap Solutions	G	EX	G	EX	G	EX	EX	EX	EX
Soda Ash	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Acetate	G	EX	EX	G	G	X	X	EX	EX
Sodium Bicarbonate	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Bisulphate	G	EX	EX	EX	EX	G	EX	EX	EX
Sodium Borate	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Cyanide	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Hydroxide	G	EX	EX	G	EX	EX	G	EX	EX
Sodium Hypochlorite	C	EX	X	G	EX	X	EX	G	EX
Sodium Metaphospate	G	G	EX	EX	G	EX	EX	EX	EX
Sodium Nitrate	G	EX	G	G	G	EX	I	EX	EX
Sodium Perborate	G	G	G	G	G	G	EX	EX	I
Sodium Peroxide	G	G	G	G	G	G	EX	EX	G
Sodium Phosphate	G	EX	EX	EX	G	EX	EX	EX	EX
Sodium Silicate	G	EX	EX	EX	EX	EX	EX	EX	EX
Sodium Sulfate	G	EX	G	EX	EX	G	EX	EX	EX
Sodium Thiosulfate	G	EX	G	G	EX	G	EX	EX	EX
Soybean Oil	X	C	X	EX	G	X	EX	EX	I
Stannic Chloride	G	EX	EX	EX	G	EX	EX	EX	EX
Steam	G	X	X	X	C	X	X	X	X
Stearic Acid	G	G	G	G	G	G	I	EX	EX
Styrene	X	X	X	X	X	X	G	G	C
Sucrose Solution	G	G	EX	EX	G	EX	EX	EX	EX
Sulfur	G	EX	X	X	EX	X	EX	EX	I
Sulfur Chloride	X	G	X	C	C	X	EX	EX	I
Sulfur Dioxide	G	G	G	X	X	G	EX	EX	I
Sulfuric Trioxide	C	X	G	X	X	G	EX	G	X
Sulfuric Acid 10%	G	EX	C	C	G	C	EX	EX	EX
Sulfuric Acid 10%-75%	G	C	X	X	X	X	EX	EX	X
Sulfurous Acid	G	EX	G	G	G	G	EX	EX	EX
Tannic Acid	G	EX	EX	EX	EX	EX	EX	EX	EX
Tar Bituminous	X	X	X	G	C	X	EX	I	I
Tartaric Acid	C	EX	C	EX	G	X	EX	EX	EX
Terpineol	X	X	X	G	X	X	EX	G	EX
Tertiary Butyl Alcohol	G	G	G	G	G	G	EX	EX	G
Tetrachloroethylene	X	X	X	X	X	X	EX	EX	C
Tetraethyl Lead	X	X	X	G	G	X	EX	I	I
Toluene	X	X	X	X	X	X	EX	EX	C
Transformer Oil	X	C	X	EX	G	X	EX	EX	EX
Transmission Fluid	X	G	X	EX	G	X	EX	EX	EX
Trichloroethane	X	X	X	X	X	X	EX	EX	C
Trichloroacetic Acid	C	X	C	G	X	G	C	EX	I
Trichloroethylene	X	X	X	X	X	X	EX	EX	X
Tricresyl Phosphate	X	X	X	X	X	C	EX	EX	EX
Triethanol Amine	G	G	G	G	EX	G	X	EX	EX
Trinitrotoluene	X	G	X	X	G	X	EX	EX	G
Turbine Oil	X	X	X	G	X	X	EX	EX	I
Turpentine	X	X	X	EX	X	X	EX	EX	I
Vegetable Oils	X	G	X	EX	C	X	EX	EX	EX
Vinegar	G	EX	G	G	G	G	EX	EX	EX
Vinyl Chloride	X	X	X	X	X	X	EX	EX	C
Water	G	EX	EX	EX	EX	EX	EX	EX	EX
Whiskey, Wines	G	EX	EX	EX	EX	EX	EX	EX	EX
White Oil	X	X	X	EX	G	X	EX	EX	EX
Wood Oil	X	C	X	EX	G	X	EX	EX	EX
Xylene	X	X	X	X	X	X	EX	EX	EX
Zinc Chloride	G	EX	EX	EX	EX	EX	EX	EX	EX
Zinc Sulfate	G	EX	G	EX	EX	G	EX	EX	EX

PVC Hose Chemical Resistance Specifications

Plasticisers are incorporated in PVC compounds so as to confer flexibility and softness. Plasticised compounds can cover a very wide range of flexibility and softness and will also differ in other respects eg tensile strength and resilience, according to the type and/or amount of plasticiser/s used. For example, the type of plasticiser used will affect chemical resistance, but in this note it has been assumed that a commonly used, fairly resistant plasticiser such as dioctyl phthalate (DOP) would be present.
The amount of plasticiser incorporated will also effect the chemical resistance, an increase in plasticiser content leading to a deterioration in chemical resistance because the plasticiser is less resistant to attack than is the PVC. The chemical resistance to be expected from plasticised PVC when D.O.P is used as the plasticiser is summarised in the following paragraphs.

Acids and Alkalis

Dilute acids and alkalis have little effect at room temperature, but at elevated temperatures some hydrolysis and extraction of plasticiser may occur. Concentrated acids and alkalis hydrolyse plasticisers slowly in the cold and more rapidly when heated. The main effect of organic liquids on plasticised PVC is to extract the plasticiser and this results in some hardening, particularly when the PVC is removed from contact with the liquid. The compound may become rigid and less tough.
Most organic solvents will extract plasticiser and give rise to these effects, but with aromatic and chlorinated hydrocarbons, aliphatic and cyclic ethers, this plasticiser extraction is accompanied by a softening of the PVC and the overall effect is difficult to predict. With certain solvents too, plasticiser extracted is replaced by the solvent so that the compound remains flexible provided it remains in contact with that liquid. On allowing the solvent to evaporate the material will stiffen and will not soften on re-immersion.
The undesirable effects previously mentioned which can occur with PVC compounds containing a monomeric ester type plasticiser, such as DOP, can be prevented or reduced by the use instead of a polyermic type of plasticiser which affords a higher resistance to extraction. Such plasticisers include polypropylene adipate (PPA) and polypropylene sebacate (PPS), the former being of value in contact with oils and fuels and the latter showing a high degree of resistance to soap and detergent solutions.

The symbols used to denote performance are as follows:

1 - Satisfactory.
2 - Recommended for the service and conditions for Oil hoses.
3 - The material may be considered for use when alternative materials are unsatisfactory, and when limited life is acceptable.
4 - When PVC is to be used with such chemicals, full-scale trials under realistic conditions are particularly necessary.
5 - Unsatisfactory.

For materials which have been rated as having Limited Life or Unsatisfactory, the material should only be considered for use when alternative materials are unsatisfactory and where limited life is accepted. When PVC is to be used with such chemicals, full scale trials under realistic conditions are particularly necessary.
It may be safely assumed that chemical resistance decreases with both increasing temperature and with increasing concentration of reagent, and that the reverse is also true. No valid assumptions can be made, however, if the temperature and concentration move in compensating directions. The following Chemical Resistance Chart is not intended to be complete. Chemicals missing from this chart does not indicate unsuitability.

Refer to pages 603-608 for Chemical Resistance Chart

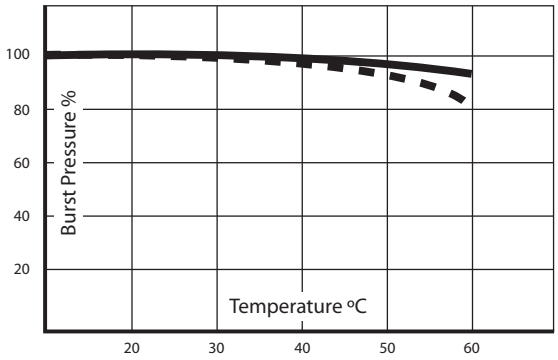
Temperature Chart for Layflat Hoses

TEMPERATURE CHART FOR LAYFLAT HOSES

PVC is a thermoplastic material and therefore, burst pressure varies with temperature.
The graph shows variation in burst temperature with temperature for the different types of Layflat hoses.

High Pressure Brick Red, Green Dewatering

Low Pressure Blue



Chemical Resistance Chart For PVC Hose

The Symbols used to denote performance are as follows

1 - Satisfactory.
2 - Recommended for the service and conditions for Oil hoses.
3 - The material may be considered for use when alternative materials are unsatisfactory, and when limited life is acceptable.
4 - When PVC is to be used with such chemicals, full-scale trials under realistic conditions are particularly necessary.
5 - Unsatisfactory

Chemical	Concentration	Conditions	
		20°C	60°C
Acetic Acid	10%	1	3
	60%	1	3
	Glacial	5	5
Acetic anhydride		5	5
Acetone	Traces	5	5
	100%	5	5
Adipic acid		4	4
Alcohol allyl		5	5
Alcohol ethyl	40% w/w water	1	4
	100%	1	4
Alcohol isopropyl		1	4
Alcohol methyl	6% aq. solution	1	1
	100%	3	4
Allyl chloride		5	5
Aluminium salts		1	1
Ammonia	s.g. = 0.88 aq. solution	1	5
	Dry gas	4	4
	Liquid	4	4
Ammonium hydroxide		1	4
Ammonium salts		1	1
Ammonium sulfide		1	5
Aniline		5	5
Animal oil		1	4
Barium salts		1	1
Beer		1	4
Benzaldehyde	Traces	5	5
	100%	5	5
Benzene		5	5
Borax		1	4
Brine		1	1
Bromine	Gas, traces	5	5
	100% dry gas	5	5
	Liquid	5	5
Butane		4	4
Butanol		1	4
Butyl acetate		5	5
Butyric acid	20% aq. solution	1	4
	Concentrate	5	5
Calcium hydroxide		1	4
Calcium hypochlorite		1	4
Calcium salts		1	1
Carbon dioxide		1	1
Carbon disulphide		5	5
Carbon monoxide		1	1
Carbon tetrachloride		5	5
Casein		1	1
Chlorine water	Saturated solution	3	5
Chlorobenzene		5	5

Chemical	Concentration	Conditions	
		20°C	60°C
Chlorine	10% (dry gas)	4	4
	100% (dry gas)	4	4
	10% (most gas)	4	4
Chloroform		5	5
Chlorosulfonic acid		5	5
Chromic acid	Plating solution	5	5
	Conc	4	4
Citric acid		1	4
Copper salts		1	1
Cucloexanol		5	5
Cycloexanone		5	5
Detergents, synthetic	All concentrates	1	4
Developers, photographic		1	1
Dextrose		1	1
Dichlorethylene		5	5
Dichlorobenzene		5	5
Diesel oil		2	2
Diethyl ether		5	5
Dimethylamine		4	4
Emulsifiers	All concentrates	1	1
Emulsions, photographic		1	1
Ether		5	5
Ethyl acetate		5	5
Ethylene dichloride		5	5
Ethylene glycol		1	4
Fatty acids		4	4
Ferric salts		1	1
Fixing solution, photo-graphic		1	1
Fluorine		5	5
Formaldehyde	40% w/w in water	1	4
Formic acid	40%	4	4
	50%	3	5
	100%	5	5
Glucose		1	1
Glycerine		1	4
Grape sugar		1	1
Hydrochloric acid	10% aq. solution	1	1
	22%	1	1
	Conc.	1	3
	4% aq. solution	1	
Hydrofluoric acid	40% aq. solution	1	4
	60% aq. solution	5	5
	Concentrate	5	5
Hydrogen		1	1
Hydrogen bromide anhydrous		1	4
Hydrogen chloride anhydrous		1	4
Hydrogen fluoride		1	4

Chemical Resistance Chart For PVC Hose

Chemical	Concentration	Conditions	
		20°C	60°C
Hydrogen peroxide	3% (10 vol)	1	4
	12% (40 vol)	1	4
	30% (100 vol)	1	4
	90% and above	1	4
Hydrogen sulphite		1	4
Iodine	Solution in potassium	4	4
	Iodide	5	5
Lacquer solvents		3	5
Lactic acid	10%	1	4
	100%	5	5
Lauric acid		1	4
Lauryl alcohol		1	1
Leads salts		1	1
Magnesium salts		1	1
Manganese sulphate	Concentrate solution	1	1
Mercuric chloride		5	5
Methyl chloride		5	5
Methyl ethyl ketone		5	5
Methylene chloride		5	5
Milk		1	4
Mineral oils		2	2
Mixed acids (sulphuric/nitiric)	Various proportions	4	5
Molasses		1	1
Naphtha		5	5
Naphthalene		5	5
Nickel salts		1	1
Nitric acid	10%	1	4
	25%	1	4
	50%	1	3
	70%	3	5
	95%	5	5
Nitrobenzene		5	5
Nitrogen fertilizers		1	4
Nitrous fumes	Moist	4	5
Oleic acid		1	4
Oxalic acid		1	4
Oxygen		1	1
Ozone		1	4
Palmitic acid		1	4
Paraffin		3	4
Petrol		2	2
Petrol benzene mixture	80:20	5	5
Phenol		4	5
Phosphoric acid	20% aq. solution	1	1
	30% aq. solution	1	1
Phosphoric developers		1	1
Photographic emulsions		1	1
Photo fixing solution		1	1

Chemical	Concentration	Conditions	
		20°C	60°C
Picric acid	1% w/w in water	1	1
	10% w/w in alcohol	1	4
	1% aq. solution	1	1
Potassium hydroxide	10% aq solution	1	1
	conc. aq. solution	1	5
Potassium salts		1	1
Propane		2	2
Propylene dichloride		5	5
Salicylic acid		4	4
Sea water		1	1
Soap solution		1	4
Sodium hydroxide	1% aq. solution	1	4
	10% aq. solution	1	3
	40% aq. solution	1	5
	Conc. aq. solution	1	5
Sodium hypochlorite	15% act. cl	1	3
Sodium salts		1	1
Sulphur dioxide	Dry	1	1
	Moist	4	5
	Liquid	4	5
Sulphuric acid	10%	1	1
	45%	1	1
	50%	1	3
	60%	3	3
	98%	5	5
	Fuming	5	5
Sulphurous acid	30%	1	4
Tallow		1	4
Tannic acid		1	4
Tanning extracts		1	4
Tartaric acids		1	4
Tetraethyl lead		1	4
Tetrahydrofuran		5	5
Tetralin		5	5
Toluene		5	5
Transformer oil		2	5
Trichloroethane		5	5
Triethanolamine		1	1
Trichloroethylene		5	5
Triethylamine		4	4
Turpentine		4	4
Urea		1	4
Vegetable oil		1	4
Vinegar		1	4
Vinyl acetate		5	5
Water		1	1
Wetting agents		1	1
Wines and spirits	All concentrates	1	4
Xylene		5	5
Zinc salts		1	1

Corrosion Resistance of Coupling Material

Ratings

Metal:

1 Excellent
2 Good
3 Fair
X Not Recommended
– Contact Dixon™

Non-Metal:

A Acceptable
X Not Recommended
– Contact Dixon™

Gasket/Seal Material:

T PTFE
V FKM
E E.P.D.M., E.P.R.
N Neoprene
B Buna N

Caution:

The following data has been compiled from generally available sources and should not be relied upon without consulting and following the specific recommendations of the manufacturer regarding particular coupling materials.

Note:

Ratings given are based at 21°C. Chemical compatibility varies greatly with temperature. For applications at temperatures other than 21°C, contact Dixon™ for recommendations.

Gasket/Seal Materials are not necessarily listed in order of preference.
Chemical Resistance of a material does not necessarily indicate the suitability of a fitting in a given application due to variables such as improper clamp and coupling application, special hose construction, gasket material, etc.

Special caution should be taken when handling hazardous materials.

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Acetate Solvents (Crude)	1	X	X	1	1	2	1	1	A	X	T
Acetate Solvents (Pure)	1	1	1	1	1	1	1	1	A	X	T
Acetic Acid (80%)	3	X	X	1	1	1	1	1	X	X	TEVNB
Acetic Acid (50%)	2	X	X	1	1	2	2	1	X	X	TEVNB
Acetic Acid (20%)	2	X	X	1	1	2	2	1	X	X	TEVNB
Acetic Acid (10%)	2	X	2	1	1	2	1	1	X	X	TEVNB
Acetic Anhydride	2	X	2	1	1	2	2	2	X	X	TNB
Acetone	1	2	2	1	1	1	1	1	A	X	TE
Acetylene	1	X	X	2	2	2	1	1	X	X	TEVNB
Alcohols											
Amyl Alcohol	2	2	2	2	2	1	2	2	A	A	TEVNB
Benzyl Alcohol	2	2	2	2	2	1	1	1	X	A	TVB
Butyl Alcohol	1	2	1	2	2	1	1	1	A	A	TEVN
Diacetone Alcohol	1	1	2	1	1	1	2	2	X	A	TE
Ethyl Alcohol	1	2	2	1	1	2	2	2	X	A	TEVNB
Hexyl Alcohol	-	-	-	1	1	-	-	-	A	-	-
Isobutyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Isopropyl Alcohol	2	2	2	2	2	2	2	2	A	A	TEVNB
Methyl Alcohol (Methanol)	2	2	2	1	1	2	2	2	A	A	TENB
Octyl Alcohol	-	-	-	-	-	-	-	-	A	-	-
Propyl Alcohol	2	2	2	1	1	2	1	1	X	A	TEVNB
Aluminum											
Aluminum Chloride (Aqu.)	X	X	X	1	1	X	X	X	A	A	TEVNB
Aluminum Fluoride (Sat.)	2	-	-	-	-	2	X	2	X	A	TEVNB
Aluminum Nitrate (Sat.)	3	X	-	-	-	-	2	2	A	A	TEVNB
Aluminum Potassium Sulfate (Alum)	2	2	2	2	2	2	X	2	X	A	TEVNB
Aluminum Sulfate (Sat.)	X	X	2	2	2	2	-	2	A	A	TEVNB
Ammonia											
Ammonia Anhydrous (* not plated)	1	X	X	2	2	1	2	1	A	X	TENB
Ammonia Gas	X	X	X	1	1	X	1	1	A	X	TENB
Ammonia Nitrate	-	-	-	-	-	-	-	-	X	-	-
Ammonium											
Ammonium Biflouride	-	X	-	2	2	2	-	-	X	A	TEVB

Ratings given are based at 21°C

Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Ammonium Carbonate (Sat.)	2	X	X	2	2	2	2	2	A	A	TEVNB
Ammonium Casenate	-	-	-	-	-	-	-	-	A	-	-
Ammonium Chloride (Sat.)	X	X	2	2	2	2	X	X	A	A	TEVNB
Ammonium Hydroxide (Sat.)	2	X	X	2	2	X	2	2	A	A	TEVNB
Ammonium Nitrate	2	X	X	-	-	X	-	-	A	A	TENB
Ammonium Phosphate (10-40%)	X	X	X	-	-	2	1	2	A	A	TEVNB
Ammonium Sulfate (10-40%)	X	X	3	2	2	2	X	2	A	A	TEVNB
Aniline	-	X	2	2	2	2	1	1	X	X	TV
Arsenic Acid	X	X	2	2	2	X	2	2	X	A	TEVNB
Asphalt	-	-	-	-	-	-	-	2	X	X	TV
Barium											
Barium Carbonate (Sat.)	X	2	2	2	2	2	2	2	A	A	TEVNB
Barium Chloride (Sat.)	-	2	2	1	1	2	X	-	A	A	TEVNB
Barium Hydroxide (Sat.)	X	2	X	2	2	1	2	2	A	A	TEVNB
Barium Sulfate	2	2	2	-	-	2	2	2	A	A	TEVNB
Barium Sulfide	X	X	X	-	-	X	2	2	A	A	TEVNB
Beer	1	2	2	1	1	1	1	1	A	A	TEVNB
Benzaldehyde	2	2	2	2	2	2	2	2	X	X	TE
Benzene, Benzol	1	2	2	2	2	2	2	2	A	X	TV
Benzine	-	-	-	-	-	-	-	-	A	X	-
Benzoic Acid	2	2	2	-	-	2	2	2	X	X	TVN
Black Liquor	X	X	X	X	X	2	2	2	X	A	TEVNB
Bleach (12.5% Active Chlorine)	X	-	-	1	1	-	-	X	X	A	TEVN
Borax	X	2	2	1	1	1	1	1	X	A	TEVNB
Boric Acid	1	X	2	1	1	2	-	-	X	A	TEVNB
Brine Acid	-	2	2	1	1	-	-	-	X	A	TEVNB
Bromic acid	X	X	X	-	-	X	-	-	X	A	TEVN
Bromine Liquid	2	-	-	-	-	-	X	X	X	X	TV
Butadiene, Butylene	2	2	2	2	2	1	2	2	X	X	TVNB
Butane	2	2	2	2	2	1	2	2	X	X	TV
Butyl Acetate	1	2	2	2	2	2	2	2	A	X	T
Butyric Acid	2	2	X	1	1	2	2	2	A	A	TV
Calcium											
Calcium Bisulfate	X	-	X	-	X	X	X	2	X	A	T
Calcium Bisulfide	-	-	-	-	-	2	-	2	A	A	TVB
Calcium Bisulfite	X	X	2	2	X	X	-	2	X	A	TVNB
Calcium Bromide	X	G	G	-	X	G	E	X	X	X	T
Calcium Carbonate	X	2	2	2	2	2	1	2	A	A	TEVB
Calcium Chloride (Sat.)	-	2	-	1	2	2	-	-	A	A	TEVNB
Calcium Hydroxide (Sat.)	X	2	X	-	2	2	2	2	A	A	TEVNB
Calcium Hypochlorite (Sat.)	X	X	X	-	X	X	X	2	X	A	TEV
Carbon											
Carbon Bisulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Dioxide (Dry)	1	1	2	1	2	1	2	2	A	A	TENB
Carbon Dioxide (Wet)	1	X	-	2	3	-	2	2	X	A	TENB
Carbon Disulfide	1	X	2	2	2	X	2	2	A	X	TV
Carbon Monoxide	1	1	1	1	2	1	1	1	A	A	TEVNB
Carbon Tetrachloride	X	-	1	1	2	1	1	-	A	X	TV

Ratings given are based at 21°C

S

Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Carbonic Acid	1	2	2	1	2	3	2	2	X	A	TEVNB
Castor Oil	2	2	2	1	2	1	2	2	X	A	TEVNB
Caustic Potash	X	-	-	1	X	-	-	2	A	A	TEVNB
Caustic Soda (see Sodium Hydroxide)											
Cellosolves	2	2	2	2	2	2	2	2	X	A	TE
Chlorine (Liquid)	-	-	-	1	2	2	-	3	X	X	TV
Chloroform	-	-	-	2	X	1	-	-	X	X	TV
Chlorosulfonic Acid	-	X	X	1	2	2	X	X	X	X	T
Clorox (Bleach, 5.5% CL)	X	-	-	-	X	-	-	2	X	-	TEVB
Chromic Acid (50%)	2	X	X	2	X	X	3	-	X	X	TVNB
Citric Acid	3	X	X	1	X	2	-	-	X	A	TEVNB
Coke Oven Gas	2	3	3	-	2	2	2	2	X	X	TEVN
Copper											
Copper Chloride	X	X	X	2	X	X	X	X	A	A	TEVNB
Copper Cyanide	X	X	X	1	-	X	2	2	X	-	TEVNB
Copper Sulfate	X	X	X	1	X	X	-	2	A	A	TEVNB
Crysylic Acid (Conc.)	2	2	X	-	2	3	2	2	X	X	TEV
Cyclohexane	2	2	2	2	2	1	2	2	A	X	TVB
Detergents	2	2	2	1	2	-	1	2	A	A	TEVNB
Dextrose	2	-	-	2	-	2	-	-	A	A	TEVNB
Diesel Fuels	1	1	1	2	2	-	1	1	A	X	TVB
Diethylamine	2	-	X	-	X	1	2	2	X	A	TN
Disodium Phosphate	-	-	-	-	1	-	-	1	A	A	TEV
Ethers	2	2	2	2	2	2	1	1	A	X	TB
Ethyl											
Ethyl Acetate	-	-	2	2	2	2	2	2	A	X	T
Ethyl Chloride	-	-	2	2	2	2	-	1	A	X	TEVB
Ethylene											
Ethylene Chloride	-	-	-	-	2	2	-	-	A	X	TV
Ethylene Dichloride	-	2	X	2	2	1	2	2	A	X	TV
Ethylene Glycol	1	2	2	1	2	2	2	2	A	X	TEVNB
Ethylene Oxide	1	X	X	1	2	2	2	2	X	X	T
Fatty Acids	1	3	3	1	X	2	-	1	A	A	TVNB
Ferric											
Ferric Chloride	X	X	2	2	X	X	X	X	X	A	TEVNB
Ferric Hydroxide	-	-	-	1	-	2	1	1	A	-	TEVNB
Ferric Nitrate (10-50%)	X	X	X	-	X	X	2	2	X	A	TEVNB
Ferric Sulfate	X	X	X	-	X	2	-	-	X	A	TEVNB
Ferrous											
Ferrous Chloride (Sat.)	X	X	2	2	-	X	X	X	X	A	TEVNB
Ferrous Sulfate	2	2	2	2	X	2	2	-	X	A	TEVNB
Fluboric Acid	X	-	-	1	1	2	-	-	X	A	TEVNB
Formaldehyde (50%)	-	2	2	2	X	2	1	1	X	A	TEN
Formic Acid (Anhyd.)	1	X	2	1	X	2	-	-	X	A	TEVN
Freon											
Freon 11	2	2	2	-	X	1	2	2	X	X	TVNB
Freon 12	2	2	2	1	X	2	2	2	X	X	TVNB
Freon 22	2	2	2	2	X	2	2	2	X	X	TN
Fruit Juices	2	2	3	1	X	1	2	2	A	A	TVNB

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Ratings given are based at 21°C

Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Furfural	2	2	2	2	2	2	2	2	A	X	TEN
Gasoline											
Refined Gasoline	2	2	2	2	2	2	2	2	A	X	TVNB
Sour Gasoline	X	2	2	2	2	X	2	2	A	X	TVNB
Gelatin	2	2	2	-	X	2	2	2	A	A	TEVNB
Glucose	2	2	2	-	2	2	2	2	A	A	TEVNB
Glue	2	2	2	1	2	2	-	2	-	A	TEVNB
Glycerine	1	1	2	1	2	1	1	1	A	A	TEVNB
Glycols	2	2	2	-	2	2	2	2	A	A	TEVNB
Green Liquor	-	-	-	-	2	-	-	-	-	A	TEVNB
Heptane	2	2	2	1	2	2	2	2	A	X	TVNB
Hexane	2	2	2	1	2	2	1	1	A	X	TVNB
Hydrobromic Acid (50%)	X	X	X	2	X	X	X	X	X	A	TEV
Hydrobromic Acid (20%)	X	X	X	1	X	X	X	X	X	A	TEV
Hydrochloric Acid (20%)	X	X	X	1	X	3	X	X	X	A	TEVNB
Hydrochloric Acid (38%)	X	X	X	1	X	X	X	X	X	A	TEVN
Hydrocyanic Acid	2	X	X	2	2	2	2	2	X	A	TEVN
Hydrofluosilicic Acid (10-50%)	X	2	X	2	X	2	X	2	X	-	TEVNB
Hydrogen											
Hydrogen Peroxide (50%)	-	X	X	2	X	2	-	-	X	A	TEV
Hydrogen Sulfide (Aqu.)	-	-	-	2	-	2	X	2	X	A	TE
Hydrogen Chloride (Dry Gas)	X	2	-	1	2	1	-	-	X	A	TEVN
Hydrogen Gas	1	1	1	1	-	1	1	1	X	A	TEVNB
Hypochlorous Acid	X	X	X	2	X	X	X	X	X	X	TEV
Iodine	1	X	X	-	X	1	X	X	X	A	TEV
Isopropyl Ether	-	2	2	-	-	2	1	2	A	X	T
Jet Fuel (JP4, JP5)	2	1	2	1	2	2	2	2	X	X	TV
Kerosene	2	2	2	2	2	2	2	2	X	X	TVNB
Ketones	2	2	2	1	2	2	2	2	A	X	T
Lactic Acid (25%)	3	2	2	1	X	X	-	-	A	A	TEVN
Lactic Acid (80%)	2	2	X	2	X	-	-	-	A	A	TEVN
Lard Oil	2	-	2	1	3	2	2	2	A	A	TVB
Lead											
Lead Acetate	X	X	X	2	X	2	2	2	X	A	TENB
Lead Chloride	X	-	-	2	-	-	2	2	X	-	TVNB
Lead Sulfate	X	-	-	2	X	2	2	2	X	-	TEVNB
Lime Sulphur	X	X	X	-	X	2	2	2	X	A	TEVN
Linoleic Acid	2	X	3	2	X	2	2	2	X	A	TVB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Lubricants (Oil)	2	1	-	-	2	2	2	2	A	X	TVNB
Magnesium											
Magnesium Carbonate	2	-	-	-	-	2	2	2	X	A	TEVNB
Magnesium Chloride	X	X	2	1	-	-	-	-	X	A	TEVNB
Magnesium Hydroxide	2	2	2	1	2	2	1	1	X	A	TEVNB
Magnesium Nitrate	2	2	2	1	2	2	2	2	X	A	TEVNB
Magnesium Oxide	-	-	-	-	-	-	-	-	X	-	-
Magnesium Sulfate	2	-	2	-	-	1	2	2	X	A	TEVNB
Maleic Acid	-	2	3	2	X	-	-	2	X	A	TEV

Ratings given are based at 21°C

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Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Mercuric											
Mercuric Chloride	X	X	X	-	X	X	X	-	X	A	TEVB
Mercuric Cyanide	X	X	X	2	X	2	2	2	X	A	TEVB
Mercury	X	X	X	1	2	-	1	1	A	A	TEVNB
Methane	1	1	2	1	2	1	1	1	A	X	TEVNB
Methanol	2	2	2	1	2	2	2	2	A	A	TENB
Methyl											
Methyl Bromide	X	-	-	-	2	-	2	2	X	X	TV
Methyl Ethyl Ketone	2	2	2	2	2	2	2	2	A	X	TE
Methyl Isobutyl Ketone	2	2	2	2	2	2	2	2	A	X	T
Methyl Methacrylate	2	-	-	-	X	-	2	2	X	A	T
Methylene Chloride	-	2	2	X	2	-	-	-	A	X	T
Milk	1	X	X	1	2	X	1	1	A	A	TEVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Muriatic Acid	X	-	-	1	-	X	X	X	X	A	TV
Napthalene	2	2	2	2	2	2	1	1	A	A	TV
Naptha	2	2	2	2	2	2	2	2	A	X	TVB
Nickel											
Nickel Chloride	X	X	X	-	X	2	-	-	X	A	TEVNB
Nickel Sulfate	X	X	-	2	-	-	2	2	X	A	TEVNB
Nitric											
Nitric Acid (100%)	1	X	X	2	X	X	2	-	X	X	TV
Nitric Acid (50%)	X	X	X	1	X	X	2	-	X	X	TV
Nitric Acid (30%)	X	X	X	1	X	X	1	-	X	X	TV
Nitrobenzene	1	2	2	-	2	2	2	2	A	A	T
Oils											
Castor Oil	2	2	2	1	2	1	2	2	A	A	TEVNB
Coconut Oil	2	-	2	-	3	2	2	2	A	A	TVB
Corn Oil	2	2	2	-	2	2	-	2	A	A	TVNB
Cotton Seed Oil	2	2	2	-	2	1	2	2	A	A	TVNB
Fuel Oil	2	2	2	2	2	2	2	2	A	X	TVNB
Linseed Oil	2	2	2	2	2	2	2	2	A	A	TVNB
Mineral Oil	2	1	-	-	2	1	1	2	A	A	TVNB
Silicon Oil	2	1	2	-	2	-	2	2	A	A	TEVB
Vegetable Oil	2	2	2	1	2	1	1	1	A	X	TVNB
Oleic Acid	2	3	2	2	2	1	-	1	A	X	TB
Oleum	2	X	X	-	2	X	2	2	X	X	TV
Oxalic Acid (Sat.)	2	-	2	2	X	2	X	X	X	A	TEV
Oxygen	2	2	2	-	2	2	2	2	X	X	TEVNB
Palmitic Acid (Sat.)	2	3	2	-	3	2	2	2	X	A	TVB
Paraffin	2	2	2	2	2	2	2	2	A	A	TVNB
Perchloroethylene	2	2	2	2	2	1	-	-	X	X	TV
Petrolatum	2	-	2	-	3	2	2	2	A	-	TVNB
Phenol (Carbolic Acid)	1	1	X	1	2	1	-	1	X	X	TV
Phosphoric Acid											
Phosphoric Acid (25-50%)	X	X	2	1	X	X	-	-	X	A	TEVN
Phosphoric Acid (50-85%)	X	X	X	1	X	3	-	-	X	A	TEV
Photographic Solutions	-	-	-	-	X	1	1	1	X	X	TVNB
Phthalic Anhydride	-	2	2	1	2	1	1	1	X	X	TEV

Ratings given are based at 21°C

Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Picric Acid	1	X	X	2	X	X	2	2	X	-	TEVNB
Plating Solutions											
Brass Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Cadmium Plating Solution	-	-	-	1	-	-	-	2	X	A	TEVNB
Chrome 40% Plating Solution	X	2	2	1	X	X	2	2	X	A	TEVN
Copper (Cyanide) Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Gold Plating Solution	-	-	-	1	-	-	-	1	X	A	TEVNB
Iron PLating Solution	-	-	-	-	-	-	-	-	X	A	TEVB
Lead Plating Solution	-	-	-	-	-	-	1	1	X	A	TEVNB
Nickel Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Silver Plating Solution	-	-	-	1	-	-	1	1	X	A	TEVNB
Tin Plating Solution	-	-	-	1	-	-	-	3	X	A	TEVNB
Zinc Plating Solution	-	-	-	1	-	-	-	-	X	A	TEVNB
Potassium											
Potassium Acetate	X	X	X	-	2	-	-	-	A	A	TEVB
Potassium Bicarbonate (30%)	X	2	-	2	2	2	1	1	A	A	TEVNB
Potassium Carbonate (50%)	X	2	X	2	2	2	1	1	A	A	TEVNB
Potaasium Chlorate (30%)	2	X	X	-	2	2	2	1	X	A	TEVNB
Potassium Chloride (30%)	X	X	2	-	2	1	-	-	A	A	TEVNB
Potassium Chromate (30%)	2	2	2	2	-	2	2	2	X	A	TEVB
Potassium Cyanide Solution (30%)	X	X	X	2	2	2	2	2	X	A	TEVNB
Potassium Dichromate (30%)	1	2	2	2	2	2	1	1	X	A	TEVB
Potassium Hydroxide (90%)	X	X	X	2	-	2	X	-	X	A	TENB
Potassium Nitrate (80%)	1	2	2	2	2	2	2	2	X	A	TEVNB
Potassium Permanganate (20%)	2	2	2	1	2	2	2	2	X	A	TEVN
Potassium Sulfate (10%)	1	2	2	1	2	1	1	1	A	A	TEVNB
Propane	1	1	1	2	2	1	2	2	X	X	TVB
Propylene Gylcol	2	2	2	2	2	2	2	2	A	A	TVNB
Propylene Oxide (90%)	-	-	-	-	-	-	1	1	X	X	TE
Pyridine	2	2	2	-	2	2	2	2	A	X	T
Pyrogallic Acid	2	2	2	2	2	2	2	2	X	X	TVNB
Silver Nitrate	X	X	X	-	X	X	2	1	X	A	TEVNB
Soap Solutions	2	2	2	1	2	2	2	2	A	A	TEVNB
Sodium											
Sodium Acetate	1	2	2	-	X	2	2	2	A	A	TEN
Sodium Bicarbonate (20%)	2	2	2	1	3	1	1	1	A	A	TEVNB
Sodium Bisulfate	X	-	2	2	2	-	-	-	A	A	TEVNB
Sodium Bisulfite	X	2	X	2	X	-	-	-	A	A	TEVNB
Sodium Borate	2	2	2	2	3	2	2	2	A	A	TEVNB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Carbonate	X	2	-	2	2	1	-	2	A	A	TEVNB
Sodium Chlorate (50%)	2	2	2	1	X	1	2	2	X	A	TEVNB
Sodium Cyanide	X	X	X	2	2	X	-	-	A	A	TEVNB
Sodium Dichromate	2	X	X	1	2	-	2	2	X	A	TE
Sodium Hydroxide (70%)	X	X	X	1	3	1	2	2	X	A	TENB
Sodium Hydroxide (50%)	X	X	3	1	3	1	1	-	X	A	TENB
Sodium Hydroxide (30%)	X	2	3	2	2	1	1	1	X	A	TENB
Sodium Chloride (30%)	X	2	2	2	2	1	-	-	X	A	TEVNB
Sodium Hypochlorite	X	X	X	-	X	X	-	-	X	A	TEV

Ratings given are based at 21°C

Corrosion Resistance of Coupling Material

Agent	Aluminum	Brass	Bronze	Hastelloy, C-276	Malleable Iron Carbon Steel	Monel	Stainless Steel,304	Stainless Steel,316	Nylon	Polypropylene	Seal Material
Sodium Metaphosphate	X	X	2	-	X	2	2	2	X	X	TEVNB
Sodium Nitrate (40%)	1	2	-	-	2	2	1	1	A	A	TENB
Sodium Perborate (10%)	2	X	2	2	2	2	2	2	X	A	TEVNB
Sodium Peroxide (10%)	2	X	X	2	2	2	2	2	X	A	TEVNB
Sodium Silicate	1	2	2	2	2	2	2	2	A	A	TEVNB
Sodium Sulfate	-	2	2	2	2	-	-	1	A	A	TEVNB
Sodium Sulfide (50%)	X	X	X	2	2	2	-	2	X	A	TEVNB
Sodium Thiosulphate	2	X	X	2	X	2	2	2	A	A	TEVNB
Stannic Chloride	X	X	X	-	X	X	X	X	X	A	TEVNB
Stannous Chloride	X	X	X	2	X	-	X	-	X	X	TEVNB
Steam	-	-	-	-	-	-	-	-	X	-	-
Stearic Acid	2	3	2	1	3	3	2	1	A	A	TVNB
Stoddard's Solvent	2	2	2	1	2	2	2	2	X	A	TVB
Sugar Liquors (Cane)	1	2	1	-	2	2	2	2	A	A	TEVNB
Sugar Liquors (Beet)	1	2	1	-	2	1	1	1	A	A	TEVNB
Sulfate Liquors	2	X	X	2	3	2	-	2	X	A	TVNB
Sulfite Liquors	X	X	-	1	X	X	2	2	X	X	TVNB
Sulfur Chloride	X	-	X	2	X	X	-	-	X	X	TV
Sulfur Dioxide (Dry)	2	2	2	2	1	2	-	2	X	A	TE
Sulfur Trioxide	2	2	X	2	2	2	-	2	X	X	TEV
Sulfuric Acid (TO 10%)	X	2	X	1	X	X	X	X	X	A	TEVNB
Sulfuric Acid (100%)	X	X	X	1	2	X	-	-	X	X	TV
Sulfurous Acid	2	2	X	-	X	X	X	-	X	A	TV
Tannic Acid	X	-	X	-	X	2	2	2	X	A	TEVNB
Tanning Liquors	1	-	2	1	-	-	1	1	X	A	TVNB
Tartaric Acid	-	-	2	2	-	-	1	1	A	A	TVNB
Titanium Tetrachloride	X	X	X	2	2	2	-	2	X	X	TV
Toluene	1	1	1	1	1	1	1	1	A	X	TVB
Tetrahydrofuran	X	-	2	1	1	-	1	2	A	X	T
Tomato Juice	2	-	3	2	3	2	2	2	X	A	TEVNB
Trichloroethylene	1	-	2	1	2	-	-	-	A	X	TV
Triethanolamine	2	X	2	2	2	2	2	2	A	X	TEVN
Triethylamine	-	-	-	-	-	2	2	2	A	X	TVB
Trisodium Phosphate (10%)	X	2	-	1	2	2	1	1	A	A	TVNB
Turpentine	2	X	2	2	2	1	1	1	X	X	TVB
Urea (50%)	2	-	2	-	2	2	2	2	A	A	TEVNB
Urine	-	-	-	-	2	-	1	1	X	A	TEVNB
Vinegar	2	X	2	2	2	2	2	2	X	A	TEVN
Water Acid (Mine)	X	X	X	1	X	-	-	-	X	A	TEVNB
Water (Distilled)	X	2	2	1	X	X	2	2	A	A	TEVNB
Water (Sea)	2	2	2	1	X	2	2	2	A	A	TEVNB
Whiskey	X	2	2	1	2	2	1	1	X	A	TEVNB
White Liquor (Pulp)	2	-	X	2	X	X	2	2	X	A	TEVNB
Wine	X	2	2	1	X	2	1	1	X	A	TEVNB
Xylene	2	2	2	1	2	2	2	2	A	X	TV
Zinc											
Zinc Chloride	X	X	X	2	X	-	X	2	A	A	TEVNB
Zinc Nitrate	-	-	-	-	-	-	2	2	X	A	TEVNB
Zinc Sulfate (50%)	X	2	2	2	X	2	1	1	X	A	TEVNB

Ratings given are based at 21°C

Cam and Groove Specifications

Design Information

Applications	How does it work?
The Dixon™ Cam & Groove coupling is a reliable quick connect coupling for use on hose, pipe, tubing and tanks conveying a wide variety of liquids, dry bulk materials and vapours including cooling water, fuels, chemicals, cosmetics, food products, adhesives, dyes, pharmaceuticals, pellets and much more.	The coupling is connected by simply opening the coupler arms and inserting the adapter into the coupler. The two cam arms are then closed under normal hand pressure to complete the joint.

The Dixon™ range of Cam and Groove (Camlock) couplers and adaptors are manufactured to interchange with all product produced to Mil Spec A-A 59326, which supersedes Mil-C-27487. No Standard exists for the ½" (15mm) & 8" (200mm) fittings and generally these sizes do not interchange with other manufacturers.

Maximum Pressure Ratings

Designed for use with liquids. Consult Dixon Asia Pacific for specific recommendations. Recommendations based on the use of mating Dixon™ fittings at ambient temperature 21ºC with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult your Dixon™ representative.

For Aluminium, Bronze, Brass, Stainless Steel & Malleable Camlocks:						
Sizes (mm)	15	20-50	65	75	100	125-150
Pressure (PSI)	150	250	150	125	100	75

For Polypropylene & Nyglass Camlocks:				
Sizes (mm)	15-25	32-50	75	100
Pressure (PSI)	125	100	75	50

Polypropylene & Nyglass Cam & Groove Temperature vs Pressure Rating

	Size	15mm - 50mm			75mm - 100mm		
Polypropylene & Nyglass	Temperature (°C)	-18°	21°	65°	-18°	21°	65°
	Pressure (PSI)	100	125	70	70	90	50

Materials

The Dixon™ range of Cam and Groove (Camlock) couplers and adaptors are manufactured from the following materials.

- Aluminium conforming to the requirements of ASTM B 26/B 26M Grade 356.0 – T6.
- Stainless Steel grade CF8M (316 Equivalent) in accordance with the requirements of ASTM-A351
- Bronze grade UNS C84400 in accordance with the requirements of ASTM-B584
- Polypropylene 30% glass filled
- Nyglass 30% glass filled

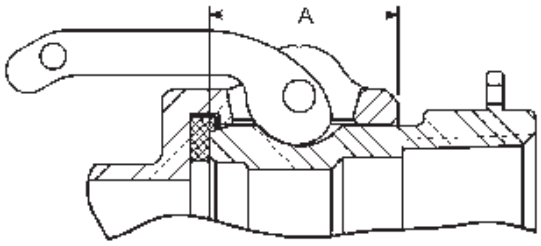
Body	Levers	Pins
Die Cast Aluminium	Brass	Mild Steel
Bronze	Stainless Steel	Stainless Steel
Polypropylene	Stainless Steel	Stainless Steel
Nyglass	Stainless Steel	Stainless Steel
Stainless Steel	Stainless Steel	Stainless Steel

Welding of Camlocks

Couplings made using the diecast process must NOT be welded. Although Bronze Sand Cast Couplings made from the above materials may be welded using the appropriate welding equipment and compatible filler material, any modifications to the product will void your warranty. Welding the couplings changes the integrity of the coupling therefore Dixon Asia Pacific will not accept any responsibility for modified couplings.

Cam and Groove Nominal Take-Up Lengths

Size (inch)	A (inch)	Size (inch)	A (inch)
½	0.97	3	1.78
¾	0.97	4	1.84
1	1.20	5	2.00
1¼	1.44	6	2.13
1½	1.50	(Boss-Lock™) 8	2.06
2	1.81	(Andrews) 8	3.22
2½	1.82		



CAMLOCK SAFETY

- **UNDER NO CIRCUMSTANCES** should cam and groove (camlock) couplings be used in compressed air or steam applications.
- Dust Caps and Dust Plugs are not to be used in any pressure applications for safety and environmental reasons.

S

Claw Coupling Specifications

A Type European Pattern

Materials Available: SG Iron ISO 1083 Zinc Plated
316 Stainless Steel CF8M
Seal Material: Natural Rubber (NR)
FKM
Nitrile available on request
(NBR, Buna N)
Temperature Range: Natural Rubber (NR) Seal -29°C to 71°C
FKM Seal -30°C to 200
Working Pressure: Standard Seal 500 PSI,
Bellow Seal 1000 PSI
Compatible with: Atlas Copco, Ludecke
Size Range: ⅜" to 1¼" Hose end and Threaded
Thread Type: Male and Female BSP
NPT available on request



Surelock™ Australian Pattern

Materials Available: SG Iron ISO 1083 Zinc Plated
316 Stainless Steel CF8M
Seal Material: Natural Rubber (NR)
FKM
Nitrile available on request (NBR, Buna N)
Temperature Range: Natural Rubber Seal -29°C to
71°C FKM Seal -30°C to 200
Working Pressure: ⅜" to 2" 1000 PSI 3" 500 PSI
Size Range: ⅜" to 3" Hose end and Threaded
2" Shouldered
Thread Type: Male and Female BSP
NPT available on request



Air King™ American Pattern

Materials Available: Malleable Iron ASTM A47
316 Stainless Steel CF8M
Brass C84400
Seal Materials: Natural Rubber (NR)
Neoprene
FKM
Temperature Range: Rubber Seal -29°C to 71°C
Neoprene Seal -29°C to 88°C
FKM Seal -30°C to 200°C
Working Pressure: 150 PSI at 21°C
Size Range: ⅜" to 1" Hose end and Threaded
Thread Type: Male and Female BSP or NPT

NOTE: Air King™ is for Air & Water Service Only

Minsup™ Claw Couplings

Minsup™ Claw Couplings are a universal hose coupling that provide quick, safe and reliable connections. Claw couplings are designed with a common or universal claw which enables differing hose sizes and nominal bores sizes to be connected. Claw couplings are most commonly used for conveying air and water, and are not be used for steam applications.

Common industry applications: under ground and surface mining, mineral processing, compressor and air tool industries, hire companies.

All Minsup™ Claw Couplings comply with AS 2554 and AS2660 – Hose and Hose Assemblies for Air/Water.

Minsup™ Claw Couplings with Crimped Ferrule

Fitting Maximum Working Pressure: 300 PSI Assembly Maximum Working Pressure will depend on the type of hose used. If unsure contact Dixon Asia Pacific to enquire about hose assembly testing. Tested & Approved for use with:

- A190 Super Air Water Hose (300 PSI working pressure)
- A102 Contractors Yellow Air Hose (200 PSI working pressure)

For alternative hose types, contact Dixon Asia Pacific for suitability. For Crimp Specifications and procedures contact Dixon Asia Pacific.

Materials	
Ferrule	Zinc Plated Mild Steel
Coupling	SG Iron Zinc Plated
Seal	Natural Rubber (FKM available on request)

Locking Pins

The use of a Minsup™ Safety Locking Pin is necessary to ensure that Minsup™ A Type & Surelock™ Claw Couplings will not become accidentally disconnected. This ensures that the fittings are properly connected as the pin will not go through the holes in both couplings until the couplings are locked into place.

The Importance of Safety Hose

Constant vibration created by air drills, pavement breakers etc is destructive to air hose couplings, especially the quick-acting type. To provide protection, connect one end of a 1 to 3 metre length of air hose to the tool using the heat-treated No. 3500 Steel Nipple (page 175) which withstands vibration for a longer period. Connect the other end of Whip Hose to the air supply with the quick-acting coupling.

Whip Hose should remain permanently connected to the tool and should be the same diameter as the supply line hose.

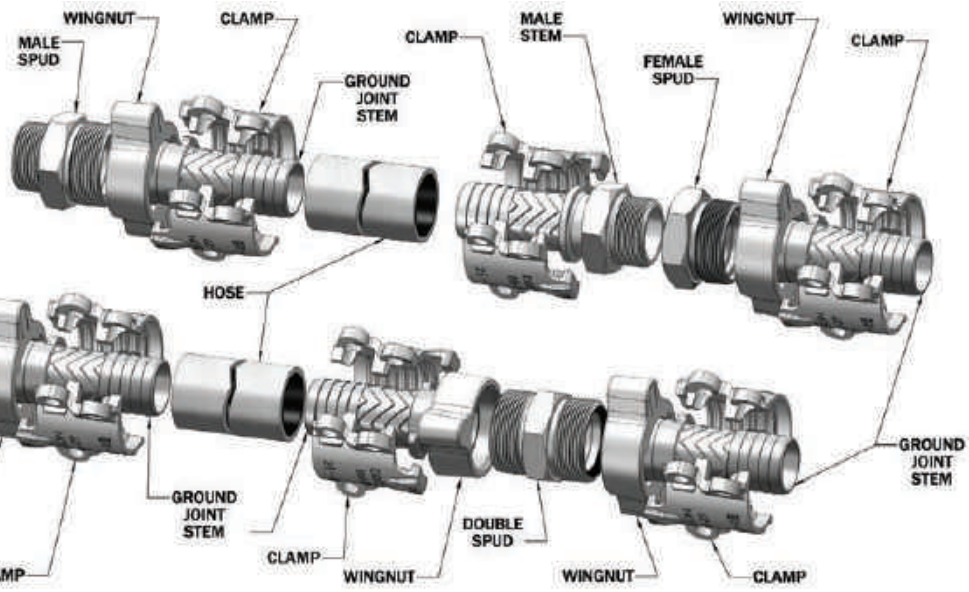
For whipcheck assemblies refer to page 14



Boss™ Coupling System

PURPOSE: Boss™ couplings supply a convenient threaded fitting needed to connect two lengths of hose, or a single length to a male or female threaded (NPT/BSP) outlet.
FEATURES: The spud part of the coupling serves as one half of the connection and is usually fixed to the equipment. The stem part that is clamped to the hose is the other half. The two halves are connected or disconnected by rotating the wing nut on the spud. When connected, they achieve a mechanical as well as a pressure seal.
SERVICES: Boss™ couplings are all-purpose hose couplings, universally recommended for steam hose connections. They are also widely used for air, water, fluid petroleum chemicals and liquid petroleum gas up to 1" ID. Boss™ couplings can be applied to many types of rubber, synthetic, plastic, metallic or semi-metallic hose. Consult your local Dixon™ branch for specific media capabilities.

Female X Male Hose Assembly



Female X Female Hose Assembly

Boss™ Technical Information

Boss™ Couplings Working Pressure Ratings						
Size	Air		Water		Steam	
	PSI	MPa	PSI	MPa	PSI	MPa
¼" to 2"	600	4.1	600	4.1	250	1.7
2½" and 3"	450	3.1	450	3.1	250	1.7
4" and 6"	250	1.7	250	1.7	250	1.7

	¼" to 1" include	1½" to 6" include
Stems	Plated Steel	Plated Malleable Iron Through 100mm Tubular Steel - 150mm
Spuds	Plated Steel	Plated Malleable Iron
Wing Nuts	Plated Malleable Iron	Plated Malleable Iron

GROUND JOINT
Positive Metal-to-Polymer Seal

- A leakproof seal is formed when the metal head of the stem makes contact with the patented polymer seat in the spud.
- The non-metallic polymer seat resists most chemicals found in manufacturing facilities.
- Recommended for steam service up to 230° C.
- Easy to seal.
- Plated steel and/or malleable iron.
- Use with Dixon™ Boss™ Clamps in this catalogue.



Washer Type

- A Klinger washer is inserted between the stem and spud.
- A leak proof seal is formed by rotating the wing nut and hammering it tight.
- Plated steel and/or malleable iron.

Worn-out hose couplings can be dangerous. They should be checked regularly and replaced when necessary. Each coupling user should review applications and add safety devices where indicated.

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Bolt Tightening Sequence for Dixon™ Boss™ Clamps

Notes:

1. The correct size Boss™ clamp must be used.
2. Bolts in Boss™ clamps are designed to bend as they are tightened. This allows the clamp to conform to the hose outside diameter.
3. Always tighten bolts to their specified torque value. This torque value can be found on the page 217-218.
4. Periodic re-tightening of bolts is required due to Cold Flow phenomenon present in all rubber hoses.
5. Boss™ Clamps are for single use only! Once removed they are to be discarded.

2 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

a) First bolt (nut facing assembler) 1 full turn.
b) Second bolt (opposite first bolt) 1 full turn.
c) Repeat procedure "a" and "b" until both bolts have reached the recommended torque.
d) Remove assembly from vise.

4 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) 1 full turn.
b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) 1 full turn.
c) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
d) Opposite side back bolt (bolt with nut facing assembler furthest away from gripping finger) 1 full turn.
e) Opposite side front bolt (bolt with nut facing assembler closest to gripping finger) 1 full turn.
f) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
g) Repeat above procedure "a" through "f" until all of the bolts have reached the recommended torque.
h) Remove assembly from vise.

6 Bolt Dixon™ Boss™ Clamp Bolt Tightening Sequence

Using a torque wrench, begin tightening the bolts as follows:

a) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) having "X" near it one full turn.
b) Front bolt (bolt with nut facing assembler that is closest to gripping finger) of same segment one full turn.
c) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
d) Back bolt to one full turn.
e) Front bolt one full turn.
f) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
g) Back bolt one full turn.
h) Front bolt one full turn.
i) Repeat above procedure "a" through "h" until all of the bolts have reached the recommended torque.
j) Remove assembly from vise.

Crimped Air King™ Recommendation Guide

Please note that the chart at right is to be used only as a guide and not as a steadfast rule for every coupling application. In some instances, alternative dies and crimped dimensions must be employed. Hoses, as well as couplings, react differently during crimping. This is due to the fact that there are variances in hose constructions for hose with similar dimensions. Some variables are: textile braid vs. wire braid, hardwall vs. softwall, presence or lack of internal spiral wire as well as differences in hose covers. In addition, the outer diameter of the hose tends to fluctuate from end to end and production lot to production lot. With this in mind, we suggest that you measure the hose OD and maintain accurate records for each coupling application.

Hose Size ID (inch)	Crimped Length	Part No.	Fractional Hose OD (inch)	Swage Die Sizes (inch)	Die Part No.	Crimp Diameter	% Reduction
½	1¼	AM1WF and RAMWF	54/64	1-3/16 x 29/32	1&3/16D4	0.906	18.3
			55/64	1-3/16 x 15/16	1&3/16D5	0.937	13.2
			56/64			0.968	16.9
			57/64	1-3/16 x 31/32	1&3/16D3	0.968	12.1
			58/64			1.000	15.5
			59/64	1-3/16 x 1	1&3/16D	1.000	11.1
			60/64			1.031	14.4
			61/64				17.2
			62/64	1-3/16 x 1-1/32	1&3/16D2	1.031	13.4
			63/64				16.1
			1	1-3/16 x 1-1/16	1&3/16D1	1.062	12.7
			1-1/64				15.3
			1-2/64	1-3/16 x1-3/32	1&3/16D6	1.093	12.0
¾	1¼	AM6WF and RAM6WF	1-4/64	1-1/2 x 1-5/32	1&1/2D6	1.156	13.4
			1-5/64			1.187	17.3
			1-6/64	1-1/2 x 1-3/16	1&1/2D7	1.187	11.9
			1-7/64			1.218	15.8
			1-8/64	1-1/2 x 1-7/32	1&1/2D5	1.218	11.2
			1-9/64			1.250	14.6
			1-10/64				17.5
			1-11/64	1-1/2 x 1-1/4	1&1/2D4	1.250	13.0
			1-12/64			1.281	16.2
			1-13/64	1-1/2 x 1-9/32	1&1/2D3	1.281	12.3
			1-14/64				15.1
			1-15/64	1-1/2 x 1-5/16	1&1/2D2	1.312	11.5
			1-16/64				14.4
			1-17/64				16.9
			1-18/64	1-1/2 x 1-11/32	1&1/2D	1.343	13.5
			1-19/64				15.9
			1-20/64	1-1/2 x 1-3/8	1&1/2D1	1.375	12.6
			1-21/64				15.0
			1-22/64	1-1/2 x 1-13/32	1&1/2D8	1.406	12.1
1	1½	AM11WF-1	1-18/64	1-11/16 x 1-3/8	1&11/16D4	1.375	16.7
			1-19/64				20.5
			1-20/64	1-11/16 x 1-13/32	1&11/16D5	1.406	15.0
			1-21/64				18.6
			1-22/64	1-11/16 x 1-7/16	1&11/16D8	1.437	13.7
			1-23/64				17.5
			1-24/64	1-11/16 x 1-15/32	1&11/16D6	1.468	12.8
			1-25/64				16.1
			1-26/64	1-11/16 x 1-1/2	1&11/16D	1.500	11.5
			1-27/64				14.7
			1-28/64				17.6
			1-29/64	1-11/16 x 1-17/32	1&11/16D2	1.531	13.9
		AM11WF or RAM11WF and AM11WF-1	1-30/64	1-7/8 x 1-17/32	1&7/8D8		16.8
			1-31/64	1-7/8 x 1-9/16	1&7/8D5	1.562	12.8
			1-32/64				15.4
			1-33/64	1-7/8 x 1-19/32"	1&7/8D6	1.593	12.0
			1-34/64				14.7
		AM11WF and RAM11WF	1-35/64	1-7/8 x 1-5/8"	1&7/8D7	1.625	11.1
			1-36/64				13.7
			1-37/64				15.9
			1-38/64	1-7/8 x 1-21/32"	1&7/8D1	1.656	12.9
			1-39/64				15.1
			1-40/64	1-7/8 x 1-11/16"	1&7/8D	1.687	12.4
			1-41/64				14.5
			1-42/64	1-7/8 x 1-23/32"	1&7/8D2	1.718	11.8
			1-43/64				14.0
			1-44/64	1-7/8 x 1-3/4"	1&7/8D4	1.750	11.3
			1-45/64				13.3
			1-46/64				15.1

Note: Multiply Decimal by 25.4 for OD mm (eg; 0.844 x 25.4 = 21.43mm)

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Crimped Dix-Lock™ and Dual-Lock Recommendation Guide

Please note that the chart below is to be used only as a guide and not as a steadfast rule for every coupling application. In some instances, alternative dies and crimped dimensions must be employed. Hoses, as well as couplings, react differently during crimping. This is due to the fact that there are variances in hose constructions for hose with similar dimensions. Some variables are: Textile braid vs. Wire braid, Hardwall vs. Softwall, presence or lack of internal spiral wire as well as differences in hose covers. In addition, the outer diameter of the hose tends to fluctuate from end to end and production lot to production lot. With this in mind, we suggest that you measure the hose OD and maintain accurate records for each coupling application.

Hose ID (inch)	Measured Hose OD		Crimp Length	Dix-Lock™ Crimp OD ± .005	Crimp Length	Dual-Lock Crimp OD ± .005
	Fractional	Decimal				
				Part No. QM3WF, QB3WF, QM22WF, QB22WF, QM33WF, QB33WF		**Part No. PHL8WF**
½	54/64"	0.844	1⅛	0.968	1¼	0.968
½	55/64"	0.859	1⅛	0.968	1¼	0.968
½	56/64"	0.875	1⅛	0.968	1¼	0.968
½	57/64"	0.891	1⅛	1.000	1¼	1.000
½	58/64"	0.906	1⅛	1.000	1¼	1.000
½	59/64"	0.922	1⅛	1.031	1¼	1.031
½	60/64"	0.938	1⅛	1.031	1¼	1.031
½	61/64"	0.953	1⅛	1.062	1¼	1.062
½	62/64"	0.969	1⅛	1.062	1¼	1.062
½	63/64"	0.984	1⅛	1.062	1¼	1.062
½	1"	1.000	1⅛	1.093	1¼	1.093
½	1-1/64"	1.016	1⅛	1.093	1¼	1.093
½	1-2/64"	1.031	1⅛	1.093	1¼	1.093
				Part No. QM4WF, QB4WF, QM23WF, QB23WF, QM44WF, QB44WF		**Part No. PHL12WF**
¾	1-10/64"	1.156	1¼	1.218	1¼	1.218
¾	1-11/64"	1.172	1¼	1.218	1¼	1.218
¾	1-12/64"	1.188	1¼	1.218	1¼	1.218
¾	1-13/64"	1.203	1¼	1.250	1¼	1.250
¾	1-14/64"	1.219	1¼	1.250	1¼	1.250
¾	1-15/64"	1.234	1¼	1.281	1¼	1.281
¾	1-16/64"	1.250	1¼	1.281	1¼	1.281
¾	1-17/64"	1.266	1¼	1.281	1¼	1.281
¾	1-18/64"	1.281	1¼	1.312	1¼	1.312
¾	1-19/64"	1.297	1¼	1.312	1¼	1.312
¾	1-20/64"	1.313	1¼	1.343	1¼	1.343
¾	1-21/64"	1.328	1¼	1.343	1¼	1.343
¾	1-22/64"	1.344	1¼	1.375	1¼	1.375

Note: Multiply Decimal by 25.4 for OD mm (eg; 0.906 x 25.4 = 23.01mm)

Dixon™'s couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention devices, and the proper application of the coupling to the hose are of the utmost importance. Users must consider the size, temperature, application, media, pressure and the hose and coupling manufacturer's recommendations when selecting the proper hose assembly components.
Dixon™ recommends that all hose assemblies be tested in accordance with the Rubber Manufacturers Association's recommendations and be inspected regularly (before each use), to ensure that they are not damaged or become loose.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices, such as safety clips and King™ safety cables, are recommended. If any problem is detected, couplings must be removed from service immediately.

Dixon™ is available to consult, train and recommend the proper selection and application of all fittings we sell. We strongly recommend that distributors and end users make use of Dixon™'s Testing and Recommendations Services. Dixon™ can be contacted on 1300 134 651

Holedall™ External Swage Coupling System

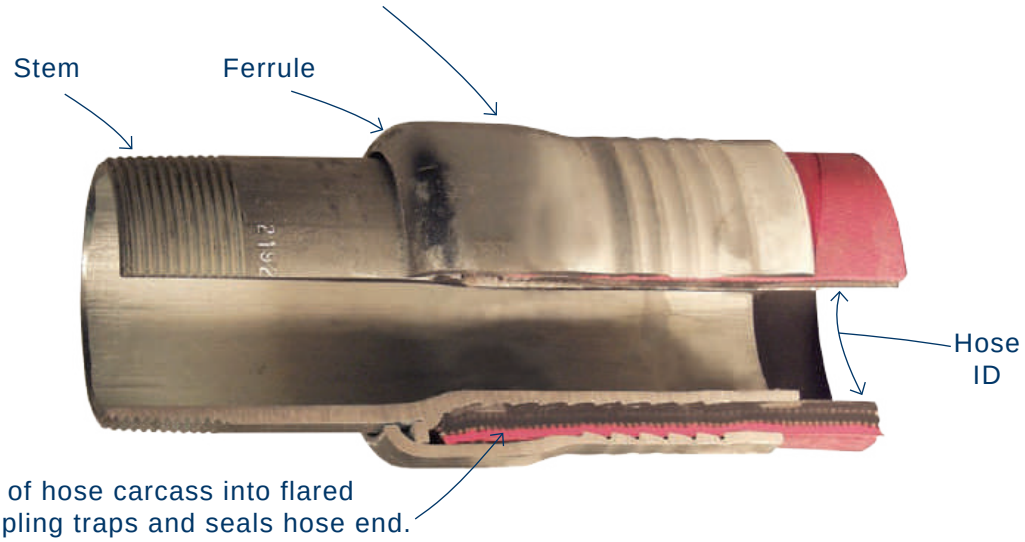
The Holedall™ coupling system attaches couplings to hose utilising a draw type progressive swage, and provides outstanding strength, durability and safety. Patented Holedall™ couplings include a Holedall™ stem and a specially engineered ferrule. The hydraulic swaging of the coupling to the hose is achieved by pushing the ferrule through a die which reduces the ferrule OD. The ferrule penetrates the hose wall providing a 360° uninterrupted compression band around the hose.

A hydraulic ram (Mulcoram) is the only piece of machinery necessary to create the coupling, and suits dies and pushers of various sizes so that hoses up to 250mm in diameter may be coupled.

This multi-purpose, high pressure coupling system requires no bolts and results in a clean coupling with no protrusions. The swaging operation is fast, and hose of various lengths and different styles can be coupled. Ease of operation, flexibility and economy make the Holedall™ method an unequalled assembly system.

Dixon™'s couplings are available in stainless steel in addition to the standard carbon steel. Coupling end configurations include pipe thread, plain end, grooved or flanged.

Note: Do Not Use Wrench or Vice on Ferrule



Dixon™ Holedall™ stems and ferrules are specifically designed to be used together as a coupling system.
Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon™ Holedall™ products.

Holedall™ Internal Expansion Couplings

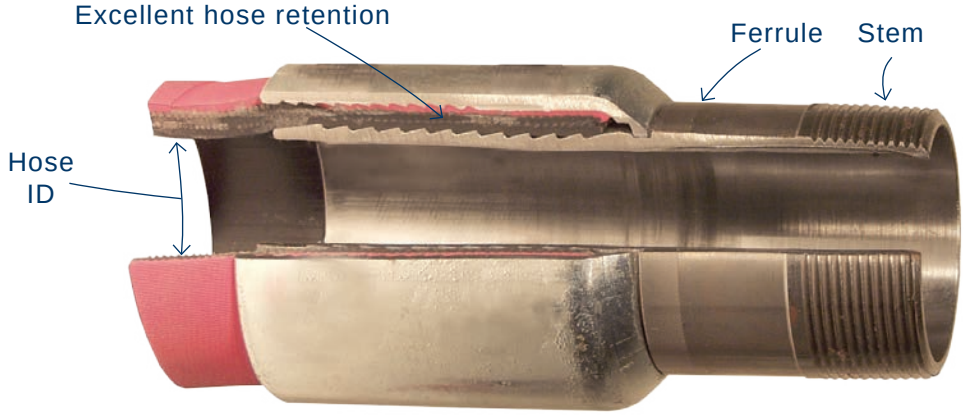
The Dixon™ Internally Expanded Couplings are essential when maximum flow is important. Only one expansion tool is needed for each hose I.D. Some recommended applications of these fittings are: concrete pump hose, plaster and grout hose, oil suction and discharge hose, multi-purpose heavy duty air hose, jetting hose, barge loading hose and bottom loading hose.

BENEFITS OF INTERNAL EXPANSION FITTINGS

- **Available in Stainless Steel and Carbon Steel**
- Maximum flow of media
- Reduction of turbulence through hose
- Excellent sealing and retention characteristics
- Out-performs band clamps
- Easy and consistent installation

END CONFIGURATIONS AVAILABLE

- Male NPT
- Male BSP
- Plain End
- Raised California
- Shouldered & Grooved
  Others available on request



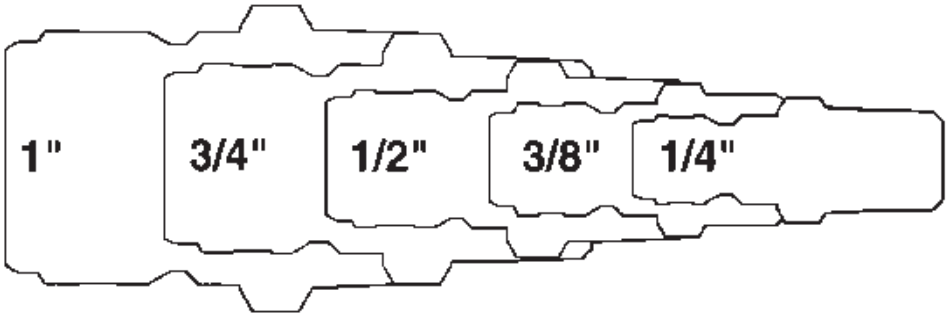
Dixon™ recommends using a diameter tape for determining correct ferrule size. Refer to page 593.



Hydraulic Coupling Profile Chart

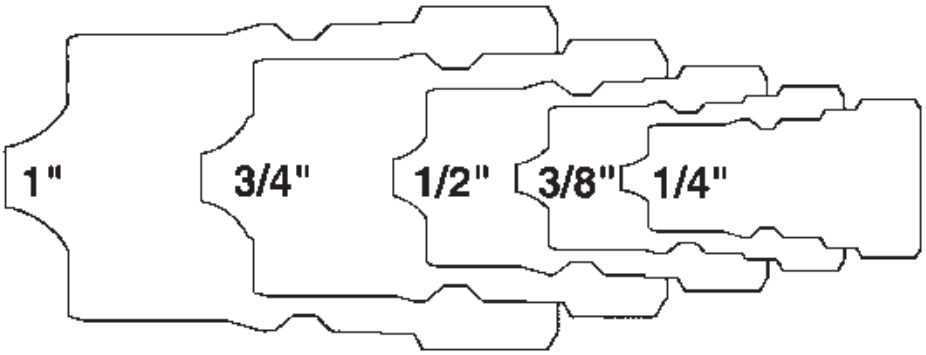
Dixon™ Straight Thru Fittings: refer to pages 305-308

Perfecting E Series
Parker ST
Hansen ST



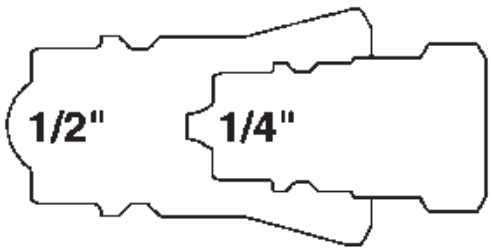
Dixon™ Industrial Fittings: refer to pages 266-270

ISO 7241-B
Perfecting H Series
Hansen HK
Aeroquip FD45
Parker 60



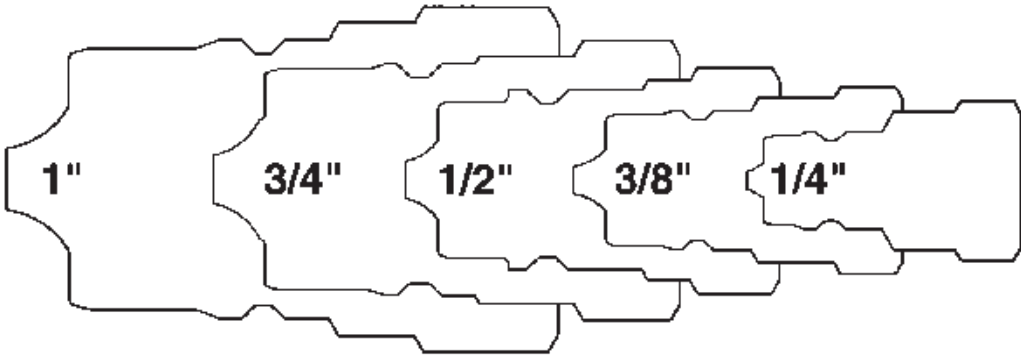
Dixon™ Agricultural Fittings: refer to pages 309-311

Perfecting AG Series
Aeroquip FD76
Parker/Pioneer 4000
Safeway S20



Dixon™ 5600 Series: refer to pages 276-279

ISO 7241-A
Perfecting K Series
Aeroquip 5600
Parker 6600



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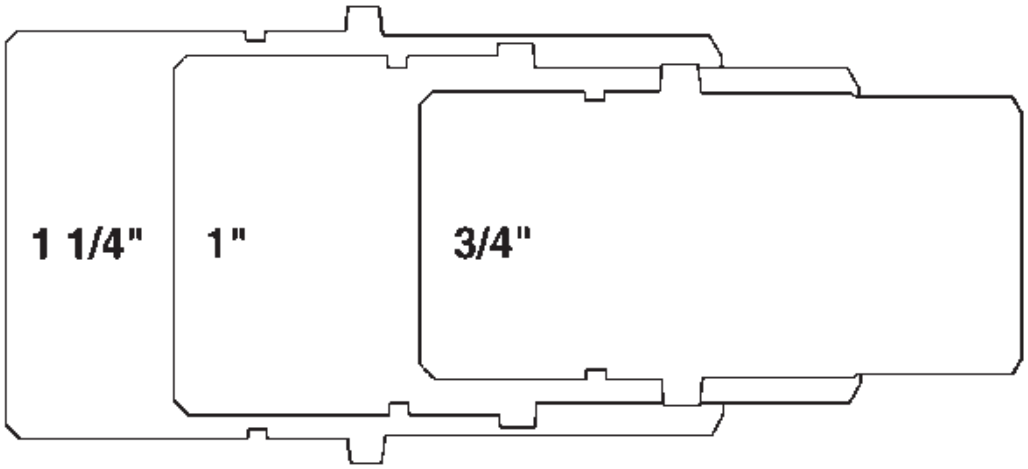
Hydraulic Coupling Profile Chart

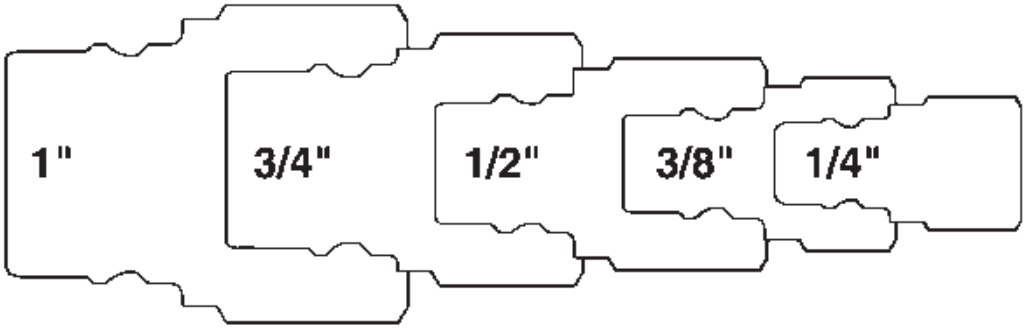
Dixon™ 7800 Series: refer to pages 280-283

Perfecting W Series
Aeroquip 5100
Parker 6100



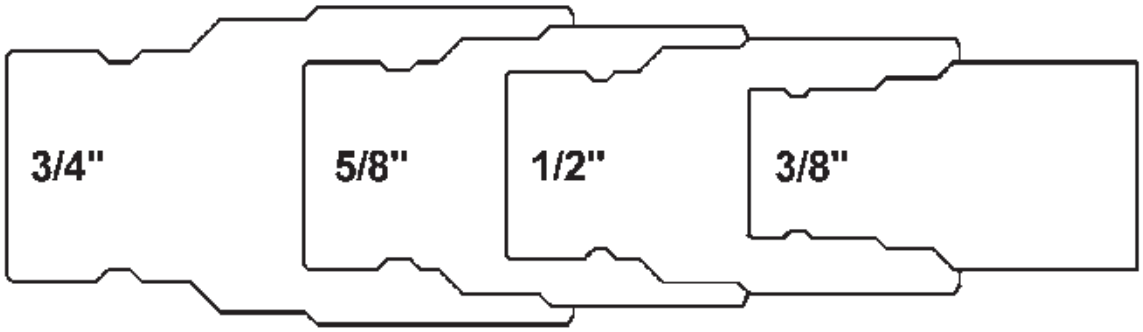
Dixon™ VH Series: refer to pages 322-332

Perfecting V Series
Snap-tite H
Faster TNV



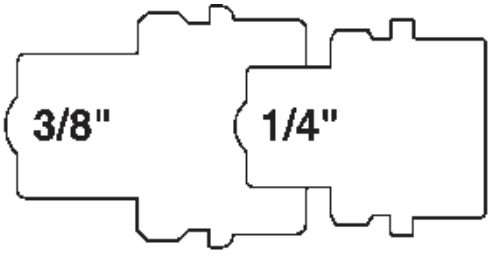
Dixon™ Flush Face Fittings: refer to pages 295-301

Perfecting HT Series
Aeroquip FD49
HTMA Parker FF



Dixon™ 3000 Series: refer to page 312-313

Perfecting T Series
Parker 3000
Enerpac C604



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Pneumatic Coupling Profiles

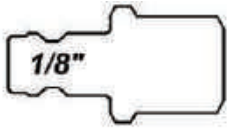
The Pneumatic Manufacturing Cell is delighted to present the Dixon™ 2007 Pneumatic Coupling program.

We are committed to being your primary supplier of pneumatic couplings and to continuous improvement of our product selection, product quality and customer satisfaction. These improvements are as a result of feedback from our customers, letting us know what they expect from their quick coupling supplier.

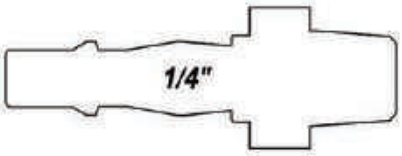
We understand that our success is based upon our ability to continuously improve and respond to our customers who are responding to their customers. Call us whether it is to speak with your Dixon™ representative or the manager of the Pneumatics Cell, we are ready to assist you any time.

Sincerely
The Pneumatic Crew

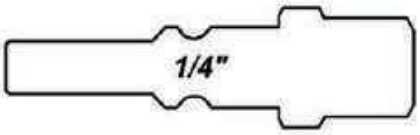
BR-Series



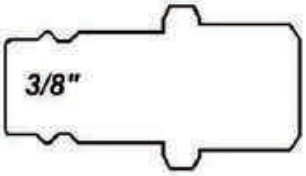
CL-Series



L-Series



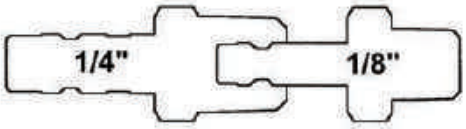
CJ-Series: refer to page 208-210



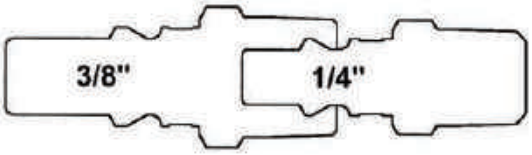


NK-Series: refer to pages 258-259

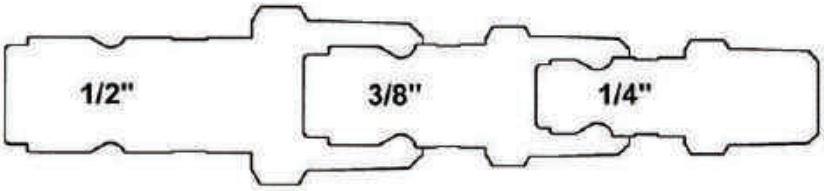
A-Series



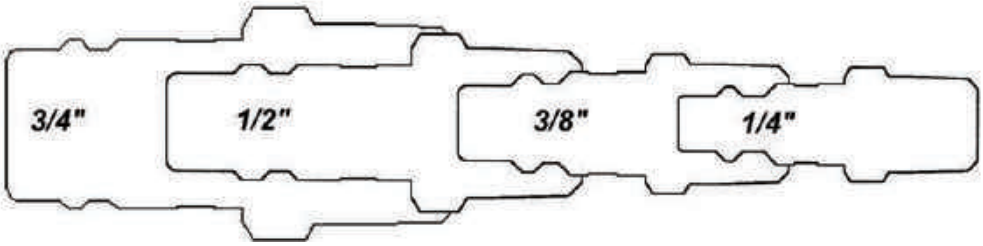
M-Series



J-Series: refer to pages 246-248



DF-Series:
refer to pages 260-265



S

Hose Assemblies

We encourage you to share this information with anyone who may be effected by the selection, installation, maintenance or use of any hose assembly. Always use quality products to BE SAFE.

Hose assemblies must be inspected prior to each use. Worn out fittings, attachment devices, hose and accessory items must be replaced. Retaining and safety devices such as clips, cables or chains must be used. Clamps must be checked regularly to the specified torque found in the Dixon™ literature. Under no circumstance should any coupling be disconnected while under pressure unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction of property and equipment.

For all hose assemblies in use:

Beware

Hose assemblies can be dangerous when used improperly or in the wrong application. The maximum working pressure shown on the hose is not an indication of the working pressure of the assembly.

Based on the hose, fittings and attachment method used, all assemblies should be permanently marked with the designed working pressure and the intended media. The assembly working pressure should be permanently displayed.

Hose assemblies must be used for the intended service only. Never alter manufactured product or substitute component parts

Eliminate

Eliminate hazardous conditions by inspecting, maintaining and testing hose assemblies.

Dixon™ recommends that all hose assemblies be tested in accordance with the hose manufacturer's specifications. The application determines the regularity of the re-testing schedule

Secure

Secure and inspect hose, fittings, clamping devices and safety accessories before each use. Never take for granted that the coupling or attachment devices are properly installed

Always

Always inspect and re-tighten the bolts of any bolt-style clamping device to the manufacturer's torque specifications.

Fittings

Hose and clamping devices that are worn out or damaged must be removed from service.

Educate

Educate your employees about the proper use, care and potential hazards of hose assemblies.

Take advantage of Dixon™'s free Safety Survey Program and the follow up Training Seminar to assist setting up your own inspection program. Contact Dixon™ if you have any questions on applications, use or assembly.

Hose Assemblies

Pressure Ratings

Pressure ratings for couplings, as stated in this catalogue, are based upon ambient temperature (21°C) applications with:

- true hose ID
- new Dixon™ supplied couplings
- new Dixon™ supplied clamps
- new Dixon™ quality hose
- proper installation by a qualified assembler using Dixon™ procedures and equipment

Temperature can affect coupling retention - for temperatures other than ambient (21°C), contact Dixon™.

Product Selection

Many of the products in this catalogue are used in hose assemblies in a variety of applications. The safety of any hose assembly rests on the proper selection, installation, testing and use of each product.

The safe use of any product in this catalogue is dependent upon the correct selection of the hose, fittings and method of attachment. To ensure a correct selection, the user must inform the distributor of the application and pressure involved when ordering hose assemblies. The use of the acronym STAMPED (Size, Temperature, Application, Media, Pressure, Ends, Dixon™) will help in the proper selection of hose assembly components. The selection of couplings and clamping devices is the responsibility of the purchaser or user based upon the hose manufacturer's recommendations. If the purchaser or user is uncertain about the use or application of a product, Dixon™ can provide information including test results (if available), coupling and clamping recommendations and other data to assist.

Installation

To achieve a safe and reliable assembly, proper installation procedures must be followed. Each component of the assembly plays a part in determining these procedures. The purchaser or user must follow proper procedures. If the purchaser or user has any questions regarding installation please contact Dixon™.

Testing

Dixon™ recommends that all hoses assemblies be tested in accordance with the hose manufacturer's recommendations.

Re-testing and Inspection

Dixon™ recommends inspection and re-testing of hose assemblies on a regular and consistent basis in accordance with the hose manufacturer's recommendations. The application determines the regularity of the inspection and re-testing schedule. Any worn-out or damaged hoses and fittings or missing safety devices should be replaced immediately. Bolt-style clamps must be checked and retightened on a regular and consistent basis.



Incorrect use, worn fittings and clamps can cause serious injury

Hose Assemblies

> "The very properties that make compressed gases useful in almost every area of modern life can also make them dangerous when mishandled. Years of experience with compressed gases have led to practices and equipment which, if employed, result in complete safety."
>
> (source: Handbook of Compressed Gases)

All hose assemblies should be viewed as potential hazards. This document is designed to inform and educate anyone who manufactures, specifies, supplies, purchases, assembles, uses, maintains or tests any hose assembly or its component parts. The proper selection and maintenance of hose, couplings, attachment devices and accessories is imperative.

It is the end users responsibility to inform the distributor of the application and any special conditions that the hose assembly must meet. It is the distributors responsibility to supply the proper assembly for the intended application.

Accidents and down time may occur if hose assemblies are not properly selected for the specific application. The performance and safety of the assembly is affected by the quality of the individual components. The use of the STAMPED method will help in the proper selection of the hose assembly components. When in doubt, Dixon™ is available to assist with the correct the coupling recommendation.

Air Hose Couplings

Air can be one of the most dangerous forms of energy because it is used in so many applications, and when mishandled it can have more serious consequences than fluids. Air as a gas is compressible (fluids press only against hose or vessel walls and lose little volume under pressure). When pressurised air releases suddenly, it does so with explosive force and can cause rapid hose whip, which can cause serious physical harm to personnel or damage to nearby objects. This is why selecting the correct hose and couplings for air lines, and their proper installation and maintenance, is so important. Never take for granted that a coupling is connected correctly or that a clamp is fully tightened on an air hose - check it regularly and use safety devices.

Steam & Gas

The same rules apply for steam and gas as they do for air. As steam and gas are inherently more hazardous, personnel should treat the hose and couplings on these lines with more care and respect. Checking clamp tightness is very important with steam hose, where it is not unusual for clamps to loosen in service, in which case they MUST BE RETIGHTENED! Safety devices should also be used. Hose assemblies for steam must only use components specifically nominated for steam service.

Fluid Hose Couplings

Again, nothing should be taken for granted. In particular check clamps for tightness each time the lines are used, especially when petroleum products or other hazardous liquids are involved. When large diameter hose is suspended, it can be quite dangerous if it drops unexpectedly due to a coupling "pull-out" or sudden disconnection. A heavy fitting or clamp, plus the weight of the hose itself falling from any height can cause injuries or damage. Be sure to use safety devices.

All Hose Assemblies

All hose assemblies should be treated with respect and as a potential hazard. Worn-out fittings should be replaced. Retaining devices such as clips, cables or chains should be used, and clamps should be checked regularly. Under no circumstances should any coupling be disconnected while under pressure unless the coupling is specifically designed to do so. Disconnecting couplings under pressure could result in serious injury or death, and destruction of property and equipment.



WARNING
Proper Selection, Care, Use and Maintenance of Hose Couplings and Accessory Items
Failure to use these procedures can result in serious injury or death, and destruction of property and equipment.

Pressure Recommendations

The images shown on these two pages are provided to assist in coupling and clamp or ferrule identification for the pressure recommendation chart on pages 635-638.

Couplings

1

Dixon™ Cam & Groove

2

Boss™ Couplings

3

Air King™ Universal

4

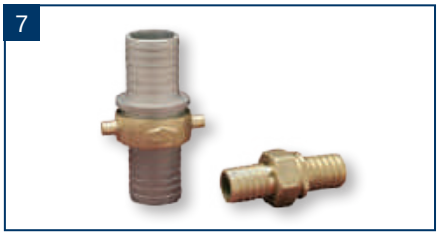
King™ Machined Medium Shank

5

King™ Machined Long Shank

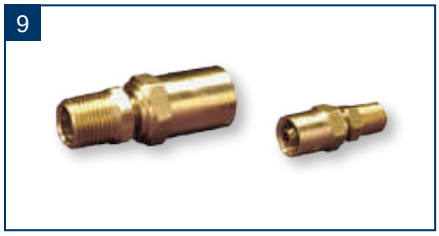
6

Machined Short Shank

7

Cast Short Shank

8

Push-On

9

Reusable Brass

10

Holedall™ Swage / Crimp

11

Holedall™ Internal Expansion

12

Flow Chief / Sanitary

13

Holedall™ Internal Expansion Petroleum

14

King Crimp™ Couplings

S

Pressure Recommendations

⚠WARNING

1. The chart on pages 635-638 is intended as a guide only. It only applies to metal couplings as shown for ambient temperature 21°C (**70°F**) applications with true ID hose. It assumes new Dixon™ supplied couplings, new Dixon™ supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon™ procedures and equipment. Temperature can affect the coupling retention. For questions relating to temperatures other than ambient 21°C (**70°F**) contact the hose manufacturer or Dixon™ at 1300 134 651.
2. This chart does not apply to non-Dixon™ products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.
3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to hose manufacturers or Rubber Manufacturers Association (RMA) specifications prior to being put into service.
5. Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please call Dixon™ at 1300 134 651 for assistance.
6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon™ recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure of the lowest rated component (coupling, clamp, ferrule or hose).

Clamps and Ferrules

A



Boss™ Interlocking Clamps

B



Air King™ Interlocking Clamps

C



Light Duty Ferrules

D



Band & Buckle

E



Preformed Clamps

F



Double Bolt Clamps

G



Swage / Crimp

H



Internal Expansion

I



Internal Expansion Petroleum

J



King Crimp™ Sleeve

K



King Crimp™ Ferrule

S

Dixon™ Hose Assembly Pressure Recommendation Chart

Mark hose assembly with pressure from this chart or the hose working pressure, whichever is lower.

All pressure recommendations are in pounds per square inch (PSI)

1. This chart is intended as a guide only. It only applies to metal couplings as shown for ambient temperature (21°C) applications with true ID hose. It assumes new Dixon™ supplied couplings, new Dixon™ supplied clamps, new quality hose and proper installation by a qualified assembler using Dixon™ procedures and equipment. Temperature can affect the coupling retention. For questions relating to temperatures other than ambient (21°C) contact your local Dixon™ branch.
2. This chart does not apply to non-Dixon™ products, with used hose, in non-approved or unsupported applications or in non-standard assemblies.
3. Do not use this chart if it conflicts with the hose manufacturer's recommendations.
4. All hose assemblies should be pressure tested to Australian Standards or Rubber Manufacturers Association (RMA) specifications prior to being put into service.
5 Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please contact your local Dixon™ branch for assistance.

Hose (rubber covered)	Couplings	Clamps & Ferrules	Assembly Procedure *	Max Recommended WP PSI				
				1/4"	3/8"	1/2"	5/8"	3/4"
Air textile reinforced rubber lined	Air King™ Universal	Preformed Band Clamp	2102			150	150	150
	Brass Nut & Tail - Combination Nipples	Crimp	2304	200	150	150	100	100
	Machined - Short Shank	Preformed Band Clamp	2100-2101			150	100	100
	Reusable - Brass	N/A	2305	250	250	250		
	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			250	200	200
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101			300	300	300
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201					
Air textile or wire reinforced rubber lined	Air King™ Universal	Air King™ or Boss™ Interlocking Clamp	2000		150	150		150
	Air King™ Universal	Swage/Crimp	See ADPL			150		150
	Boss™ Couplings	Boss™ Interlocking Clamp	2000-2004	600	600	600		600
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual	600	600	600		600
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201					
Asphalt & Hot Tar	Boss™ Couplings	Boss™ Interlocking Clamp	2001-2002					
Chemical plastic lined for liquid service	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			125		125
	King™ Machined - Medium Shank	Band & Buckle	2104					
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101			150		150
	King™ Machined - Long Shank	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101			150		150
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual					250
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual			600		600
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200					
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200					
Chemical rubber lined for liquid service	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			125		125
	King™ Machined - Medium Shank	Band & Buckle	2104					
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101			150		150
	King™ Machined - Long Shank	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101			150		250
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual					250
	Boss™ Couplings	Boss™ Interlocking Clamp	2000-2004			600		600
	Holedall™ Internal Expansion	Internal Expansion	see Ram Manual					
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200					
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200					
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual			600		600
Food Grade conforming to 3A	Flow Chief Sanitary	Internal Expansion	see Ram Manual					
Food Grade rubber lined	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			125		125
	King™ Machined - Medium Shank	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101			150		250
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104					
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual					250
	Holedall™ Internal Expansion Holedall™	Internal Expansion	see Ram Manual					
	Swage/Crimp	Swage/Crimp	see Ram Manual			600		600
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200					
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201					
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200					
Layflat	Bauer Coupling Standard	Wire Whipping						
	Bauer Coupling	Preformed Band Clamp						
	Camlock	Preformed Band Clamp						
Material Handling rubber lined	Cast Short Shank	Preformed Band Clamp	2100-2101					
	Cast Short Shank	Band & Buckle	2104					

* Procedures can be found on dixonvalve.com or by calling 1300 134 651.

6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon™ recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure or the working temperature of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information, refer to this section of the catalogue, or contact your local Dixon™ branch
4. All hose assemblies should be pressure tested to Australian Standards or Rubber Manufacturers Association (RMA) specifications prior to being put into service.
5 Our test experience indicates that coupling retention can vary with changes in hose design. For pressure ratings other than those listed and shown, or if questions arise, please contact your local Dixon™ branch for assistance.

6. All hose assembly components must be compatible with the materials and environments with which they are to come in contact.
7. Dixon™ recommends that all hose assemblies be marked with the assembly working pressure and media of the intended application. Under no circumstances should the assembly working pressure exceed the working pressure or the working temperature of the lowest rated component (coupling, clamp, ferrule or hose).
8. For further safety information, refer to this section of the catalogue, or contact your local Dixon™ branch

Max Recommended WP PSI									Special Notes
1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	
150									(2) bands on 5/8" or larger; Must use mating Dixon™ Air King™ fittings with safety clip installed.
100									
100									(2) bands on 1/2" to 1"
150									
300									
400		350	300		300	300		230	(13) crimp length would be full length
150									Must use mating Dixon™ Air King™ fittings with safety clip installed.
150									Coupling and Ferrule are sold assembled. Must use mating Dixon™ Air King™ fittings with safety clip installed.
600	600	600	600	450	450	250		250	
600	600	600	600	600	600	500	450	400	
400		350	300		300	300		230	(13) crimp length would be full length
200	200	200	200	200	200	200	200	200	Consult Dixon™
125	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest; except for KHN & KRN nipples
	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest; except for KHN & KRN nipples
250	250	250	250	150	125	100			
	250	250	250	150	125	100			
250		250	250		125	100			Requires properly matched Stem and Ferrule.
600	600	600	600	600	600	500			
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
125	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
	125	125	75	75	50	50			(3) bands on 3" & 4"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest; except for KHN & KRN nipples
	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest; except for KHN & KRN nipples
250	250	250	250	150	125	100			
	250	250	250	150	125	100			
250		250	250		125	100			Requires properly matched Stem and Ferrule.
600	600	600	600	450	450	250			
800	800	800	800	600	600	500			Consult Dixon™ for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
600	600	600	600	600	600	500			
		250	250		250				Use Stainless Steel Food Grade Ferrule ONLY.
125	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
250	250	250	250	150	125	100	75	75	
	250	250	250	150	125	100	75	75	
250		250	250		125	100			Requires properly matched Stem and Ferrule.
250		250	250	250	250	200			
600	600	600	600	600	600	500	450	400	
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
		300	250	250	250	225		150	To be used as a set ONLY. 6" Cam & Groove couplings are rated to 75PSI.
		75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"
		75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"

S

Hose (rubber covered)	Couplings	Clamps & Ferrules	Assembly Procedure *	Max Recommended WP PSI					
				1/4"	3/8"	1/2"	5/8"	3/4"	
Material Handling rubber lined (continued)	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101						
	King™ Machined - Medium Shank	Band & Buckle	2104						
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101						
	King™ Machined - Long Shank	Band & Buckle	2104						
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101						
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104						
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual						
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual						
	Holedall™ Internal Expansion	Internal Expansion	see Ram Manual						
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200						
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200						
Material Handling no helical wire rubber lined	Cast Short Shank	Double Bolt Clamp	2201						
	King™ Machined - Medium Shank	Double Bolt Clamp	2201						
	King™ Machined - Long Shank	Double Bolt Clamp	2201						
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200						
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200						
Material Handling cement rubber lined	Boss™ Couplings	Boss™ Interlocking Clamp	2000-2004						
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual						
	Holedall™ Internal Expansion	Internal Expansion	see Ram Manual						
Petroleum Transfer	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			125		125	
	King™ Machined - Medium Shank	Band & Buckle	2104						
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101			150		150	
	King™ Machined - Long Shank	Band & Buckle	2104						
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101			150		250	
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104						
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual					250	
	Holedall™ Internal Expansion	Internal Expansion	see Ram Manual						
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual			600		600	
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200						
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200						
Air Craft Refueling conforming to API 1529	Holedall™ Internal Expansion - Petroleum	Internal Expansion - Petroleum	see Ram Manual						
Push-On	Push-On	N/A	2001-2002	175	175	175	175	175	
Steam	Boss™ Couplings	Boss™ Interlocking Clamp	2000-2004			250		250	
Water	Air King™ Universal	Preformed Band Clamp	2100-2101			150	150	150	
	Air King™ Universal	Air King™ or Boss™ Interlocking Clamp	2000-2001		150	150		150	
	Machined - Short Shank	Preformed Band Clamp	2100-2101			150	100	100	
	Machined - Short Shank	Crimp	2304	200	150	150	100	100	
	Cast Short Shank	Preformed Band Clamp	2100-2101			150	100	100	
	Cast Short Shank	Band & Buckle	2104						
	King™ Machined - Medium Shank	Preformed Band Clamp	2100-2101			250	200	200	
	King™ Machined - Long Shank	Preformed Band Clamp	2100-2101			300	300	300	
	Andrews/Boss-Lock™ Cam & Groove	Preformed Band Clamp	2100-2101			150		250	
	Andrews/Boss-Lock™ Cam & Groove	Band & Buckle	2104						
	Andrews/Boss-Lock™ Cam & Groove	Swage/Crimp	see Ram Manual					250	
	Boss™ Couplings	Boss™ Interlocking Clamp	2000-2002	600	600	600		600	
	Holedall™ Swage/Crimp	Swage/Crimp	see Ram Manual	600	600	600		600	
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200						
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200						
Water no helical wire	Cast Short Shank	Double Bolt Clamp	2201						
	King™ Machined - Medium Shank	Double Bolt Clamp	2201						
	King™ Machined - Long Shank	Double Bolt Clamp	2201						
	King Crimp™ ST - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ ST - Sleeve	King Crimp™ Sleeve	4200						
	King Crimp™ Cam & Groove - Ferrule	King Crimp™ Ferrule	4201						
	King Crimp™ Cam & Groove - Sleeve	King Crimp™ Sleeve	4200						

Max Recommended WP PSI									Special Notes
1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	
		125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; except for KHN, KRN & PF nipples
		125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; except for KHN, KRN & PF nipples
		150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest; except for KHN & KRN nipples
		150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest; except for KHN & KRN nipples
		250	250	150	125	100	75	75	
		250	250	150	125	100	75	75	
		250	250		125	100			Requires properly matched Stem and Ferrule.
		600	600	600	600	500	450	400	
		800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules. Internal Expansion is NOT recommended for XLPE, UHMWPE & Gum Rubber lined hoses.
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
		75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest
		125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest; except for KHN, KRN & PF nipples
		150	125	100	75	75			(3) double bolt clamps on all sizes; except for KHN & KRN nipples
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
600	600	600	600	450	450	250		250	Cement will erode ID
600	600	600	600	600	600	500	450	400	Cement will erode ID
800	800	800	800	600	600	500		400	Cement will erode ID Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.
125	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
	125	125	75	75	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest; except for KHN, KRN & PF nipples
150	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest; except for KHN & KRN nipples
	150	150	125	100	75	75			(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on the rest; except for KHN & KRN nipples
250	250	250	250	150	125	100	75	75	
	250	250	250	150	125	100	75	75	
250		250	250		125	100			Requires properly matched Stem and Ferrule.
800	800	800	800	600	600	500		400	Consult factory for ratings on IXF48-3 to IXF48-5 & IXF64-2 to IXF64-5 ferrules.
600	600	600	600	600	600	500	450	400	
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
300	300	300	300	300	300	300			
									Push-On fittings should ONLY be used on Push-On hose.
250	250	250	250	250	250	250		250	
150									(2) bands on 5/8" or larger; Must use mating Dixon™ Air King™ fittings with safety clip installed.
150									Must use mating Dixon™ Air King™ fittings with safety clip installed.
100									
100									(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest
100	75	75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest
	75	75	75	50	50	50	25	25	(4) bands on 6"; (3) bands on 3" to 5"; (2) bands on 1-1/2" to 2-1/2"; (1) band on the rest
150	150	125	75	75	50	50	25	25	(5) bands on 3" & 4"; (4) bands on 2" & 2-1/2"; (3) bands on 1-1/4" & 1-1/2"; (2) bands on the rest; except for KHN & KRN nipples
300	300	150	125	100	75	75			
250	250	250	250	150	125	100	75	75	
	250	250	250	150	125	100	75	75	Requires properly matched Stem and Ferrule.
250		250	250		125	100			
600	600	600	600	450	450	250		250	
600	600	600	600	600	600	500	450	400	
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length
		75	75	50	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest
		125	75	75	50	50	25	25	(3) double bolt clamps on 5" & 6"; (2) double bolt clamps on 3" to 4"; (1) double bolt clamp on the rest; except for KHN, KRN & PF nipples
		150	125	100	75	75			(3) double bolt clamps on all sizes; except for KHN & KRN nipples
400		350	300		300	300		230	(13) crimp length would be full length
400		300	250		200	175		75	(13) crimp length would be full length
250		250	250		150	150		75	(13) crimp length would be full length
250		250	250		125	110		75	(13) crimp length would be full length

Identifying Pipe Threads

IT IS IMPORTANT TO IDENTIFY THE THREADS. REQUIRED BEFORE ORDERING COUPLINGS!

Identifying threads can sometimes be the most difficult and frustrating part of coupling selection. However, without the right combination of threads, you may not provide a functional or safe connection.

The diameters, threads per inch (TPI) and thread pitch, etc are necessary to completely identify a thread. Ring, Plug and GO/NOGO gauges are required to accurately gauge or identify threads. In the field, in the absence of these gauges, thread leaf gauges can be used to identify the **"Threads Per Inch" (TPI)** and the thread pitch. On threads you have determined to be straight threads, a caliper can be used to measure the **"Outside Diameter of the Male" (ODM)** or the **"Inside Diameter of the Female" (IDF)**. A caliper can also be used to take measurements of tapered thread diameters. However, these are more difficult to define because of the taper. Fortunately, there are few tapered threads to deal with and these can usually be identified from the nominal ODM and the TPI.

However, identifying the thread may not fully identify what is needed in a mating fitting. The application is the primary **limiting factor on the thread type used**. Dixon™ offers products with a wide variety of threads used with hose, pipe and hydraulics.

When attempting to choose a fitting, it is always advisable to first identify the thread to which it must connect. This may entail checking with a fitting or equipment manufacturer.

The fire hose thread specifications for some local municipal fire equipment and hydrants may vary according to local specifications. These can generally be most easily identified by contacting the local fire department responsible for the hydrant. The most common thread used on fire equipment is National Standard Thread (NST), also known as National Hose thread (NH).

When it is not possible to identify the thread:

1) Determine the number of threads per inch by measuring the distance from peak of thread to peak of thread across the largest number of whole threads. Then divide the number of threads by the measurement (this will provide the TPI).

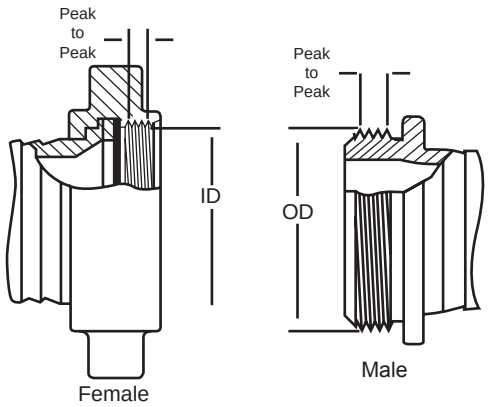
2) Check to see if the thread is straight or tapered.

a) Straight Threads
Measure the "Outside Diameter of the Male" (ODM) or the "Inside Diameter of the Female" (IDF), from peak of thread to peak of thread.

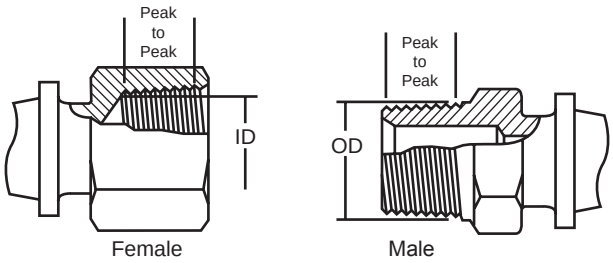
b) Tapered Threads
Measure the "Outside Diameter of the Male" (ODM) at the large end and the small end, or the "Inside Diameter of the Female" (IDF) at the large end and the small end, from peak of thread to peak of thread. Then measure the Outside Diameter (OD) of the unthreaded pipe.

Once the application and these two pieces of information have been determined, the thread can generally be determined.
If in doubt, contact your local Dixon™ office.

STRAIGHT THREAD



TAPERED THREAD

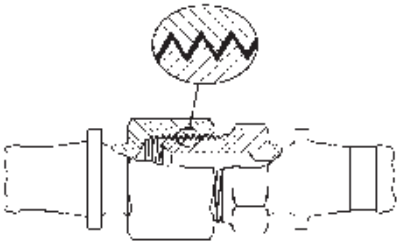


S

Pipe Threading Information

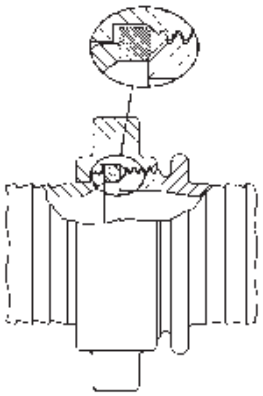
Abbreviation	System Name	Compatibility	Seal Method
BSPP	**B**ritish **S**tandard **P**ipe **P**arallel	Male BSPP with Female BSPP Female BSPP with Male BSPP Female BSPP with Male BSPTr	Washer Washer Washer
BSPTr	**B**ritish **S**tandard **P**ipe **T**aper	Male BSPTr with Female BSPTr Male BSPTr with Female BSPP Female BSPTr with Male BSPTr *Female BSPTr not compatible with Male BSPP*	Thread Washer Thread
CHT	American Standard Fire Hose Thread (1" National Hose Thread is **C**hemical **H**ose **T**hread, also known as Booster Hose Thread)v	1" Male NH (NST) with 1" Female NH (NST) 1"Female NH (NST) with 1" Male NH (NST) 1" Thread is used on both 3/4" hose and 1" hose. *Not compatible with other systems*	Washer Washer
GHT	**G**arden **H**ose **T**hread	Male GHT with Female GHT Female GHT with Male GHT Thread is same for all size hose *Not compatible with other systems*	Washer Washer
IPS	**I**ron **P**ipe **S**traight **T**hread	Generic Name for Straight Pipe Thread See NPSH for compatibility	Washer
IPT	**I**ron **P**ipe **T**hread	Generic Name for All Pipe Thread	
JIC	**J**oint **I**ndustrial **C**ouncil	Used with other mating JIC threads	Mechanical
NH or NST	American Standard Fire Hose Coupling Thread (**N**ational **H**ose thread also known as **N**ational **S**tandard **T**hread)		Washer Washer
NPT	American Standard Taper Pipe Thread (**N**ational **P**ipe **T**apered)	Male NPT with Female NPT Male NPT with Female NPTF Male NPT with Female NPSM Male NPT with Female NPSH Female NPT with Male NPT Female NPT with Male NPTF Female NPT not compatible with Male NPSM or Male NPSH	Thread Thread Washer Washer Thread Thread
NPTF	American Standard Taper Pipe Fuel Dryseal Thread	Male NPTF with Female NPTF Male NPTF with Female NPT Male NPTF with Female NPSM Male NPTF with Female NPSH Female NPTF with Male NPTF Female NPTF with Male NPT Female NPTF with Male NPSM or NPSH ***Note:*** *NPTF with NPTF threads do not require sealant for the initial use. After that, sealant is required.*	Thread Thread Washer Washer Thread Thread Not Compatible
NPSH	American Standard Straight Pipe for Hose Couplings (**N**ational **P**ipe **S**traight **H**ose)	Male NPSH with Female NPSH Female NPSH with Male NPSH Female NPSH with Male NPT Female NPSH with Male NPTF Female NPSH with Male NPSM	Washer Washer Washer Washer Washer
NPSM	American Standard Straight Mechanical Joints (**N**ational **P**ipe **S**traight **M**echanical)	Male NPSM with Female NPSM Male NPSM with Female NPSH Female NPSM with Male NPSM Female NPSM with Male NPT Female NPSM with Male NPTF	Seal can be either mechanical or washer. Mating fittings must be of same type.
SIPT	**S**traight **I**ron **P**ipe **T**hread	Generic name for Straight Pipe Thread	Washer
TIPT	**T**apered **I**ron **P**ipe **T**hread	Generic name for Tapered Pipe Thread	Thread

Pipe Thread Sealing Tips



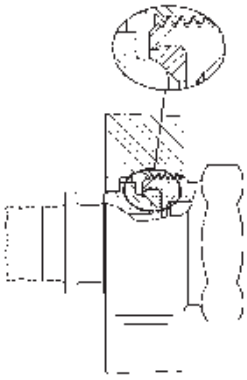
Thread Seal Type

- A seal is obtained by applying a sealant to the male thread before engaging.
- The sealant is used to prevent spiral leakage.
- Thread tape or paste is the preferred sealant in this type of application.



Washer Seal Type

- A seal is obtained when the male thread is tightened down onto the washer of the female assembly.
- The washer should be inspected regularly and replaced as needed to prevent leakage.



Mechanical Seal Type

- A seal is obtained through metal to metal contact or metal to seal contact, ie JIC couplings have a metal to metal seal. EZ-Boss™ Ground Joint couplings have a metal to seal contact (as shown above).
- The couplings should be retightened as needed to prevent leakage.

Thread Sealing Tips

Sealing NPT threads can be an exasperating experience if certain techniques are not followed.
The following tips will help alleviate many common problems in thread sealing:

1. Always use some type of sealant (tape or paste) and apply sealant to male thread only. If using a hydraulic sealant, allow sufficient curing time before system is pressurised.

2. When using tape sealant, wrap the threads in a clock-wise motion starting at the first thread and, as layers are applied, work towards the imperfect (vanishing) thread. If the system that the connection being made to cannot tolerate foreign matter (i.e. air systems), leave the first thread exposed and apply the tape sealant as outlined above.

3. When using paste sealant, apply to threads with a brush, using the brush to work the sealant into the threads. Apply enough sealant to fill in all the threads all the way around.

4. When connecting one stainless steel part to another stainless steel part that will require future disassembly, use a thread sealant that is designed for stainless steel. This stainless steel thread sealant is also useful when connecting aluminum to aluminum that needs to be disconnected in the future. These two materials gall easily, and if the correct sealant is not used, it can be next to impossible to disassemble.

5. When connecting parts made of dissimilar metals (ie steel & aluminum), standard tape or paste sealant performs satisfactory.

6. For sizes 2" and below, tape or paste performs satisfactory. When using thread tape, four wraps (covering all necessary threads) is usually sufficient.

7. For sizes 2½" and above, thread paste is recommended. If thread tape is used, eight wraps (covering all necessary threads) is usually sufficient. Apply more wraps if necessary.

8. For stubborn to seal threads, apply a normal coating of thread paste followed by a normal layer of thread tape.

9. For extremely stubborn to seal threads, apply a normal coating of thread paste followed by a single layer of gauze bandage followed by a normal layer of thread tape.

Caution!
When this procedure is done, the connection becomes permanent. Extreme measures will be necessary to disconnect these components. All other measures to seal the threads should be explored prior to use of this technique.

10. Over-tightening threads can be just as detrimental as insufficient tightening. For sizes 2" and below, hand tighten the components and, with a wrench, tighten 3 full turns. For sizes 2½" and above, hand tighten the components and, with a wrench, tighten 2 full turns.

Nominal Dimensions of Standard Pipe Threads

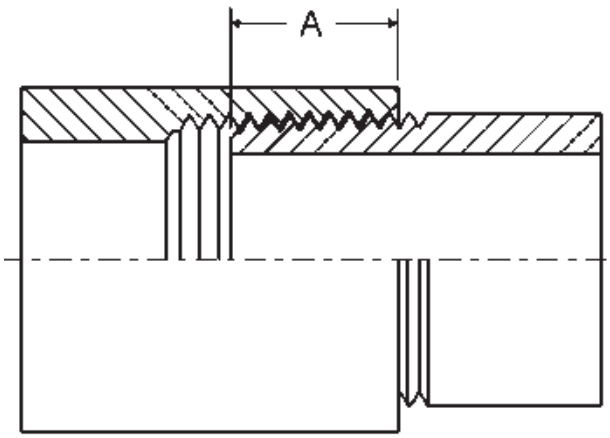
ODM - Outside Diameter of the Male
IDF - Inside Diameter of the Female
TPI - Threads Per Inch

Size (inch)	Pipe OD	Tapered Threads		Straight Threads											
		NPT	BSPT	NPSH			NPSM			NST (NH)			BSPP		
		TPI	TPI	TPI	ODM (*max*)	IDF (*min*)	TPI	ODM (*max*)	IDF (*min*)	TPI	ODM (*max*)	IDF (*min*)	TPI	ODM (*max*)	IDF (*min*)
1/8	.405	27	28	-	-	-	27	0.397	0.358	-	-	-	-	0.383	0.337
1/4	.504	18	19	-	-	-	18	0.526	0.468	-	-	-	-	0.516	0.450
3/8	.675	18	19	-	-	-	18	0.662	0.603	-	-	-	-	0.656	0.588
1/2	.840	14	14	14	0.8248	0.7395	14	0.823	0.747	-	-	-	-	0.825	0.733
3/4	1.050	14	14	14	1.0353	0.9500	14	1.034	0.958	8	1.375	1.2246	-	1.041	0.950
1	1.315	11.5	11	11.5	1.2951	1.1921	11.5	1.293	1.201	8	1.375	1.2246	11	1.309	1.193
1-1/4	1.660	11.5	11	11.5	1.6399	1.5369	11.5	1.638	1.546	-	-	-	11	1.650	1.534
1-1/2	1.900	11.5	11	11.5	1.8788	1.7758	11.5	1.877	1.785	9	1.990	1.8577	-	1.882	1.766
2	2.375	11.5	11	11.5	2.3528	2.2498	11.5	2.351	2.259	-	-	-	11	2.347	2.231
2-1/2	2.875	8	11	8	2.8434	2.6930	8	2.841	2.708	7.5	3.068	2.9104	11	2.960	2.844
3	3.500	8	11	-	-	-	8	3.467	3.334	6	3.623	3.5306	11	3.460	3.344
4	4.500	8	11	-	-	-	8	4.466	4.333	4	5.010	4.7111	-	4.450	4.334
4-1/2	-	-	-	-	-	-	-	-	-	4	5.760	5.4611	11	-	-
5	5.563	8	11	-	-	-	8	5.528	5.395	4	6.260	5.9602	11	5.450	5.359
6	6.625	8	11	-	-	-	8	6.585	6.452	4	7.025	6.7252	-	6.450	6.359
8	8.625	8	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10.750	8	-	-	-	-	-	-	-	-	-	-	-	-	-
12	12.750	8	-	-	-	-	-	-	-	-	-	-	-	-	-

GHT (3/4") - 1.0625 ODM, 11-1/2 TPI

NOTE: Female NPT (Tapered Pipe) thread is not available on hose swivel nuts.
Dimensions in inches.

Normal Engagement Length of NPT Thread in Inches ("A") *



* Dimensions given do not allow for variations in tapping or threading.

Size (inch)	"A" (inch)
1/8	1/4
1/4	3/8
3/8	3/8
1/2	1/2
3/4	9/16
1	11/16
1-1/4	11/16
1-1/2	11/16
2	3/4
2-1/2	15/16
3	1
4	1-1/8
5	1-1/4
6	1-5/16
8	1-7/16
10	1-5/8
12	1-3/4

S

ANSI B16.5 Flanges
(Class 150 & Class 300)

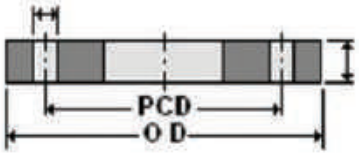
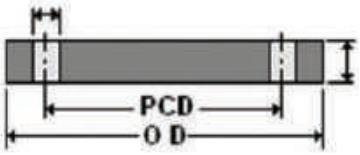


Plate Slip-On Welding



Blank

Nominal Bore Size (inch)	Class	Flange OD (mm)	PCD (mm)	No. of Bolts	Bolt (inch)	Bolt Hole Diameter (mm)	Flange Thickness (mm)
½	150	90	60.5	4	½	16	11.5
	300	95	66.5				14.5
¾	150	100	70	4	½	16	13
	300	120	82.5		⅝	20	16
1	150	110	79.5	4	½	16	14.5
	300	125	89		⅝	20	17.5
1¼	150	120	89	4	½	16	16
	300	135	98.5		⅝	20	19.5
1½	150	127	98.5	4	½	16	17.5
	300	155	114.5		¾	22	21
2	150	150	120.5	4	⅝	20	19.5
	300	165	127	8	⅝	20	22.5
2½	150	180	139.5	4	⅝	20	22.5
	300	190	19	8	¾	22	22.5
3	150	190	152.5	4	⅝	20	24
	300	210	168.5	8	¾	22	29
3½	150	215	178	8	⅝	20	24
	300	230	184		¾	22	30.5
4	150	230	190.5	8	⅝	20	24
	300	255	200		¾	22	32
5	150	255	216	8	¾	22	24
	300	280	235				35
6	150	280	241.3	8	¾	22	25.5
	300	320	270	12			37
8	150	345	298.5	8	¾	22	29
	300	380	330	12	⅞	26	41.5
10	150	405	362	12	⅞	26	30.5
	300	445	387.5	16	1	30	48
12	150	485	432	12	⅞	26	32
	300	520	451	16	1⅛	33	51
14	150	535	476	12	1	30	35
	300	585	514.5	20	1⅛	33	54
16	150	600	540	16	1	30	37
	300	650	571.5	20	1¼	36	57.5
18	150	635	578.5	16	1⅛	33	40
	300	710	628.5	24	1¼	36	60.5
20	150	700	635	20	1⅛	33	43
	300	775	689	24	1¼	36	63.5
24	150	815	749.5	20	1⅛	33	48
	300	915	813	24	1½	42	70
30	150	985	914	28	1¼	35	54
	300	1090	997		1¾	48	92
36	150	1170	1086	32	1½	41	60.3
	300	1270	1168		2	54	105

Flange Table

(Australian Standard 2129)

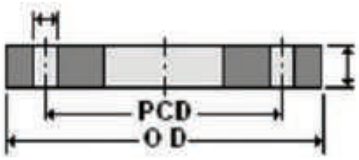
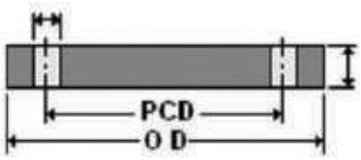


Plate Slip-On Welding

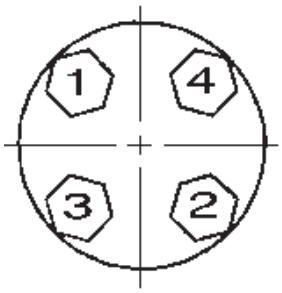


Blank

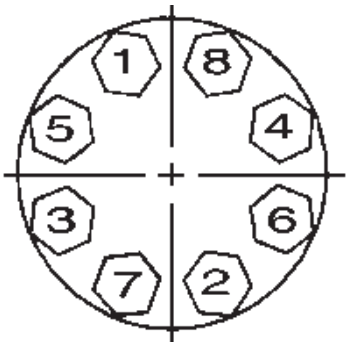
Nominal Bore Size (mm)	Table	Flange OD (mm)	PCD (mm)	No. of Bolts	Bolt	Bolt Hole Diameter (mm)	Flange Thickness (mm)
15	D	95	67	4	M12	14	5
	E						6
20	D	100	73	4	M12	14	5
	E						6
25	D	115	83	4	M12	14	5
	E						7
32	D	120	87	4	M12	14	6
	E						8
40	D	135	98	4	M12	14	6
	E						9
50	D	150	114	4	M16	18	8
	E						10
65	D	165	127	4	M16	18	8
	E						10
80	D	185	146	4	M16	18	10
	E						11
100	D	215	178	4	M16	18	10
	E			8			13
125	D	255	210	8	M16	18	13
	E						14
150	D	280	235	8	M16	18	13
	E				M20	22	17
200	D	335	292	8	M16	18	13
	E				M20	22	19
250	D	405	356	8	M20	22	16
	E			12			22
300	D	455	406	12	M20	22	22
	E				M24	26	25
350	D	525	470	12	M24	26	22
	E						29
400	D	580	521	12	M24	26	22
	E						32
450	D	640	584	12	M24	26	25
	E			16			35
500	D	705	641	16	M24	26	29
	E						38
600	D	825	756	16	M27	30	32
	E				M30	33	48

Flange Bolt Tightening Sequence

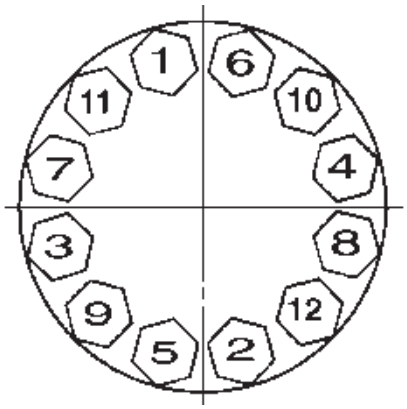
(Use appropriate gaskets and bolts)



4 Bolt

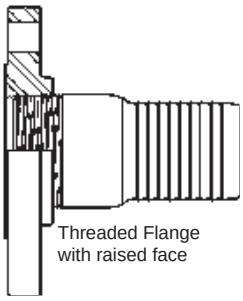


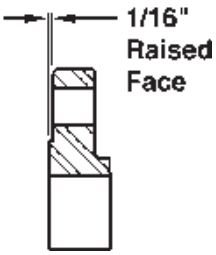
8 Bolt



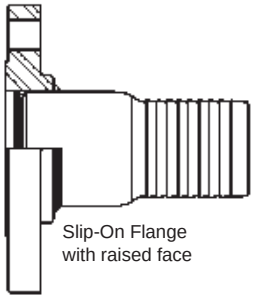
12 Bolt

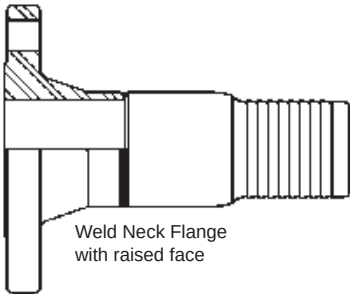
Flange Diagrams - Threaded Applications





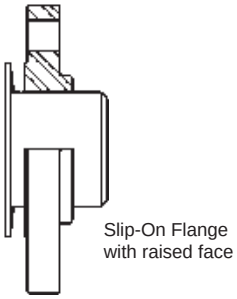
Welded Applications

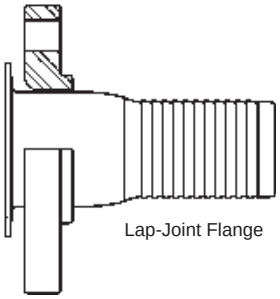




Floating Applications

(Flange Free to Swivel)



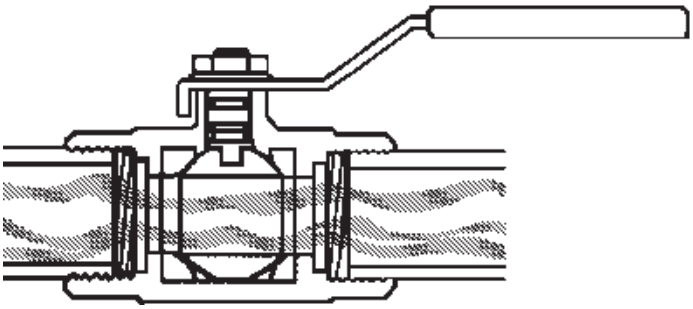


S

Valve Selection Guide

Ball Valve

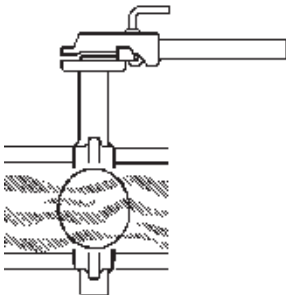




- Can be used for on and off service or throttling.
- When positive shut-off is necessary
- Where a low valve profile is necessary
- Only 90° rotation from open to fully closed quick opening.
- Handle position is a quick indication of whether valve is open or closed.
- Full port ball valves do not resist flow

Butterfly Valve

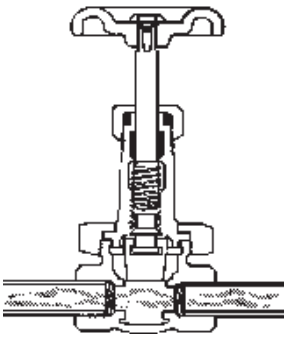




- Where positive shut-off is necessary
- Primarily for fully open or fully closed applications
- May be used for throttling.
- Only 90° rotation from open to fully closed
- Lightweight
- Easy to install
- Less costly than an iron body Gate valve.

Gate Valve

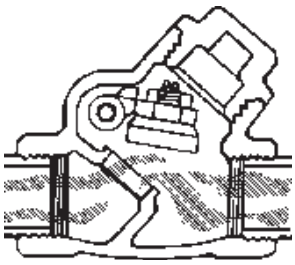




- For fully open or fully closed service NOT FOR THROTTLING
- For minimum line pressure drop
- For minimum fluid entrapment in the line
- For relatively infrequent operation

Check Valve

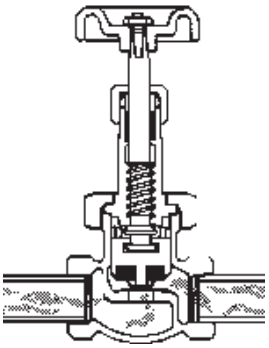




- To control the direction of flow and for quick, automatic reactions to flow change. Swing check valves are used when a minimum resistance to flow is required.
- Swing check valves are recommended for use in conjunction with Gate valves. They should not be used in a rapid recycling system such as reciprocating pumps or air compressor service where they could cause chatter and damaging vibration.

Globe Valve





- For regulation (throttling) of flow
- For frequent operation; short stem travel reduces operator's time
- Where some line resistance is acceptable

Steam Temperature - Pressure Conversion Guide

Temperature - Pressure Equivalents of Saturated Steam
Gauge Pressure at Sea Level

Temperature		PSI	Temperature		PSI	Temperature		PSI
°F	°C		°F	°C		°F	°C	
212	100.0	0.0	286	141.1	39.4	336	168.9	97.1
214	101.1	0.6	287	141.7	40.3	337	169.4	98.7
216	102.2	1.2	288	142.2	41.1	338	170.0	100.2
218	103.3	1.8	289	142.8	42.0	339	170.6	101.8
220	104.4	2.5	290	143.3	42.9	340	171.1	103.3
222	105.6	3.2	291	143.9	43.8	341	171.7	105.0
224	106.7	3.9	292	144.4	44.7	342	172.2	106.5
226	107.8	4.6	293	145.0	45.6	343	172.8	108.2
228	108.9	5.3	294	145.6	46.5	344	173.3	109.8
230	110.0	6.1	295	146.1	47.5	345	173.9	111.5
232	111.1	6.9	296	146.7	48.4	346	174.4	113.1
234	112.2	7.7	297	147.2	49.4	347	175.0	114.8
236	113.3	8.5	298	147.8	50.3	348	175.6	116.5
238	114.4	9.4	299	148.3	51.3	349	176.1	118.2
240	115.6	10.3	300	148.9	52.3	350	176.7	119.9
242	116.7	11.2	301	149.4	53.4	352	177.8	123.5
244	117.8	12.1	302	150.0	54.4	354	178.9	127.1
246	118.9	13.1	303	150.6	55.4	356	180.0	130.8
248	120.0	14.1	304	151.1	56.4	358	181.1	134.5
250	121.1	15.1	305	151.7	57.5	360	182.2	138.3
252	122.2	16.2	306	152.2	58.6	362	183.3	142.3
254	123.3	17.3	307	152.8	59.7	364	184.4	146.2
256	124.4	18.4	308	153.3	60.7	366	185.6	150.3
258	125.6	19.6	309	153.9	61.9	368	186.7	154.4
260	126.7	20.7	310	154.4	63.0	370	187.8	158.7
261	127.2	21.4	311	155.0	64.2	372	188.9	163.0
262	127.8	22.0	312	155.6	65.3	374	190.0	167.4
263	128.3	22.6	313	156.1	66.5	376	191.1	171.9
264	128.9	23.2	314	156.7	67.6	378	192.2	176.4
265	129.4	23.9	315	157.2	68.8	380	193.3	181.1
266	130.0	24.5	316	157.8	70.0	382	194.4	185.8
267	130.6	25.2	317	158.3	71.3	384	195.6	190.6
268	131.1	25.8	318	158.9	72.5	386	196.7	195.6
269	131.7	26.5	319	159.4	73.7	388	197.8	200.6
270	132.2	27.2	320	160.0	75.0	390	198.9	205.7
271	132.8	27.9	321	160.6	76.3	392	200.0	210.9
272	133.3	28.6	322	161.1	77.5	394	201.1	216.2
273	133.9	29.3	323	161.7	78.8	396	202.2	221.5
274	134.4	30.0	324	162.2	80.1	398	203.3	227.0
275	135.0	30.8	325	162.8	81.5	400	204.4	232.6
276	135.6	31.5	326	163.3	82.8	402	205.5	238.0
277	136.1	32.3	327	163.9	84.2	404	206.7	244.0
278	136.7	33.0	328	164.4	85.6	406	207.8	250.0
279	137.2	33.8	329	165.0	87.0	408	208.9	256.0
280	137.8	34.5	330	165.6	88.4	410	210	262.0
281	138.3	35.3	331	166.1	89.8	412	211.1	268.0
282	138.9	36.1	332	166.7	91.2	414	212.2	275.0
283	139.4	36.9	333	167.2	92.7	416	213.3	281.0
284	140.0	37.7	334	167.8	94.1	418	214.4	288.0
285	140.6	38.6	335	168.3	95.6	420	215.6	294.0

Degrees Celsius = 5/9 (Degrees F -32)

Vacuum Conversions

ATM	PSI	Water		Mercury		Percentage %
		Metre	Feet	mm	inch	
0.1	1.4	1	3' 3 3/8"	73.6	2.9	10
0.2	2.8	2	6' 6 3/4"	147.1	5.8	20
0.3	4.2	3	9' 10 1/8"	220.7	8.7	30
0.4	5.7	4	13' 1 1/2"	294.2	11.6	40
0.5	7.1	5	16' 4 13/16"	367.8	14.5	50
0.6	8.5	6	19' 8 3/16"	441.3	17.4	60
0.7	10.0	7	22' 11 9/16"	514.9	20.3	70
0.8	11.4	8	26' 2 15/16"	588.4	23.2	80
0.9	12.8	9	29' 6 3/8"	662.00	26.0	90
1.0	14.2	10	32' 9 11/16 '	735.5	29.0	100

Feet of Water to Inches of Mercury Conversions

Feet of Water	1	2	4	6	8	10	12	14	16	20	22	24	26	28	30	32	34
Inches of Mercury	0.9	1.8	3.5	5.3	7.1	8.8	10.6	12.4	14.1	17.7	19.4	21.2	23.0	24.8	26.5	28.3	30.0

Pressure Conversions

100 PSI = 6.9 Bar
250 PSI = 17.25 Bar
600 PSI = 41.4 Bar

5 Bar = 72.5 PSI
10 Bar = 145 PSI
25 Bar = 362.5 PSI

Measurement Information

Measures of Pressure:

1 Pound Per Square Inch = 144 Pounds Per Square Foot = 0.068 Atmosphere = 2.042 Inches of Mercury at 62°F = 27.7 Inches of Water at 62°F = 2.31 Feet of Water at 62°F.

1 Atmosphere = 30 Inches of Mercury at 62°F = 14.7 Pounds Per Square Inch = 2116.3 Pounds Per Square Foot = 33.95 Feet of Water at 62°F.

1 Foot of Water at 62°F = 62.355 Pounds Per Square Foot = 0.433 Pounds Per Square Inch.

1 Inch of Mercury at 62°F = 1.132 Feet of Water = 13.58 Inches of Water = 0.491 Pounds Per Square Inch.

Column of Water 12 Inches High, 1 Inch in Diameter = .341 Pounds

Length Conversion Constants:

Millimeters	x .039370	= Inches	Inches	x 25.4001	= Millimeters
Meters	x 39.370	= Inches	Inches	x .0254	= Meters
Meters	x 3.2808	= Feet	Feet	x .30480	= Meters
Meters	x 1.09361	= Yards	Yards	x .91440	= Meters
Kilometers	x 3,280.8	= Feet	Feet	x .0003048	= Kilometers
Kilometers	x .62137	= Statute Mile	Statute Miles	x 1.60935	= Kilometers
Kilometers	x .53959	= Nautical Miles	Nautical Miles	x 1.85325	= Kilometers

Weight Conversion Constants:

Grams	x .03527	= Ounces (Avd.)	Ounces (Avd.)	x 28.35	= Grams
Grams	x .033818	= Fluid Ounces (Water)	Fluid Ounces (Water)	x 29.57	= Grams
Kilograms	x 35.27	= Ounces (Avd.)	Ounces (Avd.)	x .02835	= Kilograms
Kilograms	x 2.20462	= Pounds (Avd.)	Pounds (Avd.)	x .45359	= Kilograms

S

Imperial to Decimal Conversions

	Inches	Millimeters
	1/64	.015625	.3969
1/32		.03125	.7938
	3/64	.046875	1.1906
1/16		.0625	1.5875
	5/64	.078125	1.9844
3/32		.09375	2.3813
	7/64	.109375	2.7781
1/8		.125	3.1750
	9/64	.140625	3.5719
5/32		.15625	3.9688
	11/64	.171875	4.3656
3/16		.1875	4.7625
	13/64	.203125	5.1594
7/32		.21875	5.5563
	15/64	.234375	5.9531
1/4		.250	6.3500
	17/64	.265625	6.7469
9/32		.28125	7.1438
	19/64	.296875	7.5406
5/16		.3125	7.9375
	21/64	.328125	8.3344
11/32		.34375	8.7313
	23/64	.359375	9.1282
3/8		.375	9.5250
	25/64	.390625	9.9219
13/32		.40625	10.3188
	27/64	.421875	10.7157
7/16		.4375	11.1125
	29/64	.453125	11.5094
15/32		.46875	11.9063
	31/64	.484375	12.3032
1/2		.500	12.7001

	Inches	Millimeters
	33/64	.515625	13.0969
17/32		.53125	13.4938
	35/64	.546875	13.8907
9/16		.5625	14.2876
	37/64	.578125	14.6844
19/32		.59375	15.0813
	39/64	.609375	15.4782
5/8		.625	15.8751
	41/64	.640625	16.2719
21/32		.65625	16.6688
	43/64	.671875	17.0657
11/16		.6875	17.4626
	45/64	.703125	17.8594
23/32		.71875	18.2563
	47/64	.734375	18.6532
3/4		.750	19.0501
	49/64	.765625	19.4470
25/32		.78125	19.8438
	51/64	.796875	20.2407
13/16		.8125	20.6376
	53/64	.828125	21.0345
27/32		.84375	21.4313
	55/64	.859375	21.8282
7/8		.875	22.2251
	57/64	.890625	22.6220
29/32		.90625	23.0188
	59/64	.921875	23.4157
15/16		.9375	23.8126
	61/64	.953125	24.2095
31/32		.96875	24.6063
	63/64	.984375	25.0032
1		1.000	25.4001

S

Temperature Conversions

Look up reading in middle/Centre column (°F/°C) . If in degrees Centigrade, read Fahrenheit equivalent in right-hand column; if in degrees Fahrenheit, read Centigrade equivalent in left-hand column.

°C	°F / °C	°F
-73	-100	-148
-68	-90	-130
-62	-80	-112
-57	-70	-94
-51	-60	-76
-46	-50	-58
-40	-40	-40
-34	-30	-22
-29	-20	-4
-23	-10	14
-17.8	0	32
-17.2	1	33.8
-16.7	2	35.6
-16.1	3	37.4
-15.6	4	39.2
-15.0	5	41.0
-14.4	6	42.8
-13.9	7	44.6
-13.3	8	46.4
-12.8	9	48.2
-12.2	10	50.0
-11.7	11	51.8
-11.1	12	53.6
-10.6	13	55.4
-10.0	14	57.2
-9.4	15	59.0
-8.9	16	60.8
-8.3	17	62.6
-7.8	18	64.4
-7.2	19	66.2
-6.7	20	68.0
-6.1	21	69.8
-5.6	22	71.6
-5.0	23	73.4
-4.4	24	75.2
-3.9	25	77.0
-3.3	26	78.8
-2.8	27	80.6
-2.2	28	82.4
-1.7	29	84.2
-1.1	30	86.0
-.6	31	87.8
0	32	89.6
.6	33	91.4
1.1	34	93.2
1.7	35	95.0
2.2	36	96.8
2.8	37	98.6
3.3	38	100.4
3.9	39	102.2
4.4	40	104.0

°C /	°F °C	°F
5.0	41	105.8
5.6	42	107.6
6.1	43	109.4
6.7	44	111.2
7.2	45	113.0
7.8	46	114.8
8.3	47	116.6
8.9	48	118.4
9.4	49	120.2
10.0	50	122.0
10.6	51	123.8
11.1	52	125.6
11.7	53	127.4
12.2	54	129.2
12.8	55	131.0
13.3	56	132.8
13.9	57	134.6
14.4	58	136.4
15.0	59	138.2
15.6	60	140.0
16.1	61	141.8
16.7	62	143.6
17.2	63	145.4
17.8	64	147.2
18.3	65	149.0
18.9	66	150.8
19.4	67	152.6
20.0	68	154.4
20.6	69	156.2
21.1	70	158.0
21.7	71	159.8
22.2	72	161.6
22.8	73	163.4
23.3	74	165.2
23.9	75	167.0
24.4	76	168.8
25.0	77	170.6
25.6	78	172.4
26.1	79	174.2
26.7	80	176.0
27.2	81	177.8
27.8	82	179.6
28.3	83	181.4
28.9	84	183.2
29.4	85	185.0
30.0	86	186.8
30.6	87	188.6
31.1	88	190.4
31.7	89	192.2
32.2	90	194.0
32.8	91	195.8

/ °C	°F °C	°F
33.3	92	197.6
33.9	93	199.4
34.4	94	201.2
35.0	95	203.0
35.6	96	204.8
36.1	97	206.6
36.7	98	208.4
37.2	99	210.2
37.8	100	212.0
43	110	230
49	120	248
54	130	266
60	140	284
66	150	302
71	160	320
77	170	338
82	180	356
88	190	374
93	200	392
99	210	410
100	212	413.6
104	220	428
110	230	446
116	240	464
121	250	482
127	260	500
132	270	518
138	280	536
143	290	554
149	300	572
154	310	590
160	320	608
166	320	626
170	338	640
171	340	644
177	350	662
182	360	680
186	366	691
188	370	698
193	380	716
198	388	730
199	390	734
204	400	752
208	406	763
210	410	770
216	420	788
221	430	806
227	440	824
232	450	842

Theoretical Horsepower to Compress Air

HP = Compressed horsepower
CFM = Air volume in cubic feet per minute
PSI = Air pressure in pounds per square inch (assumes atmospheric pressure) = 14.7 PSI, temperature = 60°F

HP = CFM x **PSI** x .0007575

Air Volume Discharged from Pipe

CFM = air volume in cubic feet per minute
V = air velocity in feet per second as determined in the equation at the top of this page
A = cross section area of pipe in square feet

CFM = 60VA

Boyle's Law

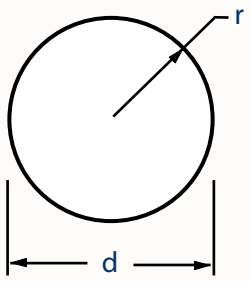
If temperature is kept constant, the volume of a given mass of gas is inversely proportional to the pressure which is exerted upon it.

$$\frac{\text{Initial Pressure}}{\text{Final Pressure}} = \frac{\text{Final Volume}}{\text{Initial Volume}}$$

Circle Geometry

Circumference = $2\pi r = \pi d = 3.14\, d$

Area = $\pi r^2 = \pi \frac{d^2}{4} = .785d^2$



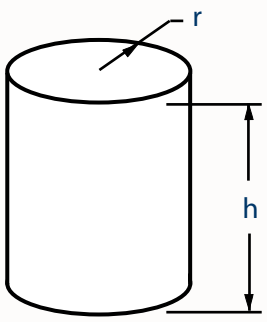
Right Cylinder

r = **r**adius
h = **l**ength

Volume = $\pi r^2 h$

Surface Area = $2\pi r (r + h)$

If end planes are parallel but not at 90° to h, the same formulas apply, but a slice at 90° through the cylinder must be used to determine r.



S

Air Line Recommended Sizes

Air Flow CFM	Length of Air Line in Feet			
	50	100	200	300
	Recommended air line size in inches			
1 - 5	½	½	½	½
6 - 10	½	¾	¾	¾
11 - 15	¾	¾	¾	¾
16 - 20	¾	¾	¾	¾
21 - 25	¾	¾	1	1
26 - 30	¾	¾	1	1
31 - 35	¾	1	1	1
36 - 40	1	1	1	1
41 - 59	1	1	1	1
60 - 79	1	1	1¼	1¼
80 - 100	1¼	1¼	1½	1½

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diameter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
1" Hose ID Imperial Hose = 25.4mm	100-C-AL 100-C-BR 100-C-SS RC100EZCR G100-C-ALCR G100-C-BRCR G100-C-SSCR AL100C BR100C SS100C	100-E-AL 100-E-BR 100-E-SS G100-E-ALCR G100-E-BRCR G100-E-SSCR AL100E BR100E SS100E	ST10CS STC10CS STC10ACS STV10CS STB10CS RST10SS RST10ASS RSTV10SS RST-B10ASS RSTB10SS	CF100-1XX CS100-1XX	1 13/64	1 16/64	1 13/64	32.16	30.56	31.75	30.56	32.47
								1 7/32	32.46			30.96	32.78
								1 15/64	32.77			31.35	33.09
								1 16/64	33.10			31.75	33.39
				CF100-2XX CS100-2XX	1 17/64	1 20/64	1 17/64	33.45	32.15	33.34	32.15	33.77
								1 18/64	33.76			32.54	34.08
								1 19/64	34.09			32.94	34.39
								1 20/64	34.39			33.34	34.70
				CF100-3XX CS100-3XX	1 21/64	1 24/64	1 21/64	34.70	33.73	34.93	33.73	35.01
								1 22/64	35.00			34.13	35.32
								1 23/64	35.31			34.53	35.63
								1 24/64	35.64			36.51	35.94
				CF100-4XX CS100-4XX	1 25/64	1 28/64	1 25/64	36.04	35.32	36.51	35.32	36.35
								1 26/64	36.35			35.72	36.66
								1 27/64	36.65			36.12	36.98
								1 28/64	36.98			36.51	37.29
				CF100-6XX CS100-6XX	1 33/64	1 36/64	1 29/64	37.29	38.50	39.69	36.91	37.60
								1 30/64	37.59			37.31	37.92
								1 31/64	37.92			37.70	38.23
								1 32/64	38.23			38.10	38.54
				CF100-7XX CS100-7XX	1 37/64	1 40/64	1 37/64	39.80	40.08	41.28	40.08	40.11
								1 38/64	40.11			40.48	40.42
								1 39/64	40.41			40.88	40.74
								1 40/64	40.74			41.28	41.05
				CF100-8XX CS100-8XX	1 41/64	1 44/64	1 41/64	41.05	41.67	42.86	41.67	41.36
								1 42/64	41.35			42.07	41.68
								1 43/64	41.68			42.47	41.99
								1 44/64	41.99			42.86	42.31
				CF100-9XX CS100-9XX	1 44/64	1 47/64	1 45/64	42.29	42.86	44.05	43.26	42.62
								1 46/64	42.62			43.66	42.93
								1 47/64	42.93			44.05	43.25
								1 48/64	43.26			44.45	43.56
				CF100-10XX CS100-10XX	1 48/64	1 51/64	1 49/64	43.56	44.45	45.64	44.85	43.87
								1 50/64	43.87			45.24	44.19
								1 51/64	44.20			45.64	44.50
								1 52/64	44.50			46.04	44.81

Hose	Cam & Groove Coupler	Cam & Groove Adapter	KC Nipple	Sleeve & Ferrule	Hose OD		Hose OD	Crimp Diameter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
1¼" Hose ID Imperial Hose = 31.75mm	RC125EZCR	---	STC15CS RST15CS STV15CS RSTV15CS STB15CS RSTB15CS	CS125-3xx CF125-3xx	1 41/64	1 44/64	1 41/64	1.679	41.672	42.863	41.672	42.636
								1 42/64	1.691			42.069	42.95
								1 43/64	1.703			42.466	43.263
								1 44/64	1.716			42.863	43.577
				CS125-4xx CF125-4xx	1 45/64	1 48/64	1 45/64	1.728	43.259	44.450	43.259	43.89
								1 46/64	1.74			43.656	44.204
								1 47/64	1.753			44.053	44.517
								1 48/64	1.765			44.450	44.831
				CS125-5xx CF125-5xx	1 49/64	1 52/64	1 49/64	1.777	44.847	46.038	44.847	45.145
								1 50/64	1.79			45.244	45.458
								1 51/64	1.802			45.641	45.772
								1 52/64	1.814			46.038	46.085
				CS125-6xx CF125-6xx	1 53/64	1 56/64	1 53/64	1.827	46.434	47.625	46.434	46.399
								1 54/64	1.839			46.831	46.712
								1 55/64	1.851			47.228	47.026
								1 56/64	1.864			47.625	47.339

Note: Crimp values are in millimetres (± 0.13mm)

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diameter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
1.5" Hose ID Imperial Hose = 38.1mm	150-C-AL 150-C-BR 150-C-SS C150EZCR G150-C-ALCR G150-C-BRCR G150-C-SSCR	150-E-AL 150-E-BR 150-E-SS G150-E-ALCR G150-E-BRCR G150-E-SSCR	STC20CS RST20CS STV20CS RSTV20CS STB20CS RSTB20CS FST20CS RFST20CS	CS150-1xx CF150-1xx	1 41/64	1 44/64	1 41/64	1.726	41.672	42.863	41.672	43.842
							1 21/32	1.738			42.069	44.136
							1 43/64	1.749			42.466	44.429
							1 11/16	1.761			42.863	44.723
				CS150-2xx CF150-2xx	1 45/64	1 48/64	1 45/64	1.778	43.259	44.450	43.259	45.172
							1 23/32	1.79			43.656	45.477
							1 47/64	1.802			44.053	45.783
							1 3/4	1.815			44.450	46.088
				CS150-3xx CF150-3xx	1 49/64	1 52/64	1 49/64	1.829	44.847	46.038	44.847	46.461
							1 25/32	1.841			45.244	46.771
							1 51/64	1.854			45.641	47.08
							1 13/16	1.866			46.038	47.39
				CS150-4xx CF150-4xx	1 53/64	1 56/64	1 53/64	1.878	46.434	47.625	46.434	47.7
							1 27/32	1.89			46.831	48.009
							1 55/64	1.902			47.228	48.319
							1 7/8	1.915			47.625	48.628
				CS150-5xx CF150-5xx	1 57/64	1 60/64	1 57/64	1.931	48.022	49.213	48.022	49.037
							1 29/32	1.943			48.419	49.351
							1 59/64	1.955			48.816	49.664
							1 15/16	1.968			49.213	49.978
				CS150-6xx CF150-6xx	1 61/64	2	1 61/64	1.98	49.609	50.800	49.609	50.291
							1 31/32	1.992			50.006	50.605
							1 63/64	2.005			50.403	50.918
							2	2.017			50.800	51.232
				CS150-7xx CF150-7xx	2 1/64	2 4/64	2 1/64	2.029	51.197	52.388	51.197	51.545
							2 1/32	2.042			51.594	51.859
							2 3/64	2.054			51.991	52.172
							2 1/16	2.066			52.388	52.486
				CS150-8xx CF150-8xx	2 5/64	2 8/64	2 5/64	2.079	52.784	53.975	52.784	52.799
							2 3/32	2.091			53.181	53.113
							2 7/64	2.103			53.578	53.427
							2 1/8	2.116			53.975	53.74
				CS150-9xx CF150-9xx	2 9/64	2 12/64	2 9/64	2.128	54.372	55.563	54.372	54.054
							2 5/32	2.14			54.769	54.367
							2 11/64	2.153			55.166	54.681
							2 3/16	2.165			55.563	54.994
				CS150-10xx CF150-10xx	2 13/64	2 16/64	2 13/64	2.177	55.959	57.150	55.959	55.308
							2 7/32	2.19			56.356	55.621
							2 15/64	2.202			56.753	55.935
							2 1/4	2.215			57.150	56.248
				CS150-11xx CF150-11xx	2 17/64	2 20/64	2 17/64	2.227	57.547	58.738	57.547	56.562
							2 9/32	2.239			57.944	56.875
							2 19/64	2.252			58.341	57.189
							2 5/16	2.264			58.738	57.502
				CS150-12xx CF150-12xx	2 21/64	2 24/64	2 21/64	2.276	59.134	60.325	59.134	57.816
							2 11/32	2.289			59.531	58.129
							2 23/64	2.301			59.928	58.443
							2 3/8	2.313			60.325	58.757

Note: Crimp values are in millimetres (± 0.13mm)

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diameter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
2" Hose ID Imperial Hose = 50.8mm	200-C-AL 200-C-BR 200-C-SS RC200EZCR G200-C-ALCR G200-C-BRCR G200-C-SSCR AL200AL BR200BR SS200SS	200-E-AL 200-E-BR 200-E-SS G200-E-ALCR G200-E-BRCR G200-E-SSCR AL200E BR200E SS200E	ST20CS STC20CS STC20ACS STV20CS STB20CS RST20SS RST20ASS RSTV20SS RSTB20ASS RSTB20SS	CF200-1XX CS200-1XX	$2^{13}/_{64}$	$2^{16}/_{64}$	$2^{13}/_{64}$	57.86	55.96	57.15	55.96	58.49
							$2^{14}/_{64}$	58.17			56.36	58.79
							$2^{15}/_{64}$	58.47			56.75	59.10
							$2^{16}/_{64}$	58.80			57.15	59.40
				CF200-2XX CS200-2XX	$2^{17}/_{64}$	$2^{20}/_{64}$	$2^{17}/_{64}$	59.16	57.55	58.74	57.55	59.79
							$2^{18}/_{64}$	59.46			57.94	60.09
							$2^{19}/_{64}$	59.79			58.34	60.40
							$2^{20}/_{64}$	60.10			58.74	60.71
				CF200-3XX CS200-3XX	$2^{21}/_{64}$	$2^{24}/_{64}$	$2^{21}/_{64}$	60.40	59.13	60.33	59.13	61.02
							$2^{22}/_{64}$	60.71			59.53	61.33
							$2^{23}/_{64}$	61.01			59.93	61.64
							$2^{24}/_{64}$	61.34			60.33	61.95
				CF200-4XX CS200-4XX	$2^{25}/_{64}$	$2^{28}/_{64}$	$2^{25}/_{64}$	61.75	60.72	61.91	60.72	62.37
							$2^{26}/_{64}$	62.05			61.12	62.68
							$2^{27}/_{64}$	62.10			61.52	63.00
							$2^{28}/_{64}$	62.69			61.91	63.31
				CF200-5XX CS200-5XX	$2^{29}/_{64}$	$2^{32}/_{64}$	$2^{29}/_{64}$	62.99	62.31	63.50	62.31	63.62
							$2^{30}/_{64}$	63.30			62.71	63.94
							$2^{31}/_{64}$	63.63			63.10	64.25
							$2^{32}/_{64}$	63.93			63.50	64.56
				CF200-6XX CS200-6XX	$2^{33}/_{64}$	$2^{36}/_{64}$	$2^{33}/_{64}$	64.24	63.90	65.09	63.90	64.88
							$2^{34}/_{64}$	64.57			64.29	65.19
							$2^{35}/_{64}$	64.87			64.69	65.50
							$2^{36}/_{64}$	65.18			65.09	65.82
				CF200-7XX CS200-7XX	$2^{37}/_{64}$	$2^{40}/_{64}$	$2^{37}/_{64}$	65.51	65.48	66.68	65.48	66.13
							$2^{38}/_{64}$	65.81			65.88	66.44
							$2^{39}/_{64}$	66.12			66.28	66.76
							$2^{40}/_{64}$	66.45			66.68	67.07
				CF200-8XX CS200-8XX	$2^{41}/_{64}$	$2^{44}/_{64}$	$2^{41}/_{64}$	66.75	67.07	68.26	67.07	67.39
							$2^{42}/_{64}$	67.06			67.47	67.70
							$2^{43}/_{64}$	67.39			67.87	68.01
							$2^{44}/_{64}$	67.69			68.26	68.33
				CF200-9XX CS200-9XX	$2^{45}/_{64}$	$2^{48}/_{64}$	$2^{45}/_{64}$	68.00	68.66	69.85	68.66	68.64
							$2^{46}/_{64}$	68.33			69.06	68.95
							$2^{47}/_{64}$	68.63			69.45	69.27
							$2^{48}/_{64}$	68.96			69.85	69.58
				CF200-10XX CS200-10XX	$2^{49}/_{64}$	$2^{52}/_{64}$	$2^{49}/_{64}$	69.27	70.25	71.44	70.25	69.89
							$2^{50}/_{64}$	69.57			70.64	70.21
							$2^{51}/_{64}$	69.90			71.04	70.52
							$2^{52}/_{64}$	70.21			71.44	70.83
				CF200-11XX CS200-11XX	$2^{53}/_{64}$	$2^{56}/_{64}$	$2^{53}/_{64}$	70.51	71.83	73.03	71.83	71.15
							$2^{54}/_{64}$	70.84			72.23	71.46
							$2^{55}/_{64}$	71.15			72.63	71.78
							$2^{56}/_{64}$	71.45			73.03	72.09
				CF200-12XX CS200-12XX	$2^{57}/_{64}$	$2^{60}/_{64}$	$2^{57}/_{64}$	71.78	73.42	74.61	73.42	72.40
							$2^{58}/_{64}$	72.09			73.82	72.72
							$2^{59}/_{64}$	72.39			74.22	73.03
							$2^{60}/_{64}$	72.72			74.61	73.34

Note: Crimp values are in millimetres (± 0.13mm)

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diam-eter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
3" Hose ID Imperial Hose = 76.2mm	300-C-AL 300-C-BR 300-C-SS RC300EZCR G300-C-ALCR G300-C-BRCR G300-C-SSCR AL300AL BR300BR SS300SS	300-E-AL 300-E-BR 300-E-SS G300-E-ALCR G300-E-BRCR G300-E-SSCR AL300E BR300E SS300E	ST30CS STC30CS STC30ACS STV30CS STB30CS RST30SS RST30ASS RSTV30SS RSTB30ASS RSTB30SS	CF300-1XX CS300-1XX	3 13/64	3 16/64	3 13/64	84.66	81.36	82.55	81.36	85.59
							3 14/64	84.96			81.76	85.90
							3 15/64	59.87			82.15	86.20
							3 16/64	85.60			82.55	86.51
				CF300-2XX CS300-2XX	3 17/64	3 20/64	3 17/64	85.95	82.95	84.14	82.95	86.89
							3 18/64	86.26			83.34	87.20
							3 19/64	86.59			83.74	87.51
							3 20/64	86.89			84.14	87.82
				CF300-3XX CS300-3XX	3 21/64	3 24/64	3 21/64	87.20	84.53	85.73	84.53	88.13
							3 22/64	87.50			84.93	88.44
							3 23/64	87.81			85.33	88.75
							3 24/64	88.14			85.73	89.06
				CF300-4XX CS300-4XX	3 25/64	3 28/64	3 25/64	88.54	86.12	87.31	86.12	89.48
							3 26/64	88.85			86.52	89.80
							3 27/64	89.15			86.92	90.11
							3 28/64	89.48			87.31	90.42
				CF300-5XX CS300-5XX	3 29/64	3 32/64	3 29/64	89.79	87.71	88.90	87.71	90.74
							3 30/64	90.09			88.11	91.05
							3 31/64	90.42			88.50	91.36
							3 32/64	90.73			88.90	91.68
				CF300-6XX CS300-6XX	3 33/64	3 36/64	3 33/64	91.03	89.30	90.49	89.30	91.99
							3 34/64	91.36			89.69	92.30
							3 35/64	91.67			90.09	92.62
							3 36/64	91.97			90.49	92.93
				CF300-7XX CS300-7XX	3 37/64	3 40/64	3 37/64	92.30	90.88	92.08	90.88	93.24
							3 38/64	92.61			91.28	93.56
							3 39/64	92.91			91.68	93.87
							3 40/64	93.24			92.08	94.19
				CF300-8XX CS300-8XX	3 41/64	3 44/64	3 41/64	93.55	92.47	93.66	92.47	94.50
							3 42/64	93.85			92.87	94.81
							3 43/64	94.18			93.27	95.13
							3 44/64	94.49			93.66	95.44
				CF300-9XX CS300-9XX	3 45/64	3 48/64	3 45/64	94.79	94.06	95.25	94.06	95.75
							3 46/64	95.12			94.46	96.07
							3 47/64	95.43			94.85	96.38
							3 48/64	95.76			95.25	96.69
				CF300-10XX CS300-10XX	3 49/64	3 52/64	3 49/64	96.06	95.65	96.84	95.65	97.01
							3 50/64	96.37			96.04	97.32
							3 51/64	96.70			96.44	97.63
							3 52/64	97.00			96.84	97.95
				CF300-11XX CS300-11XX	3 53/64	3 56/64	3 53/64	97.31	97.23	98.43	97.23	98.26
							3 54/64	97.64			97.63	98.57
							3 55/64	97.94			98.03	98.89
							3 56/64	98.25			98.43	99.20
				CF300-12XX CS300-12XX	3 57/64	3 60/64	3 57/64	98.58	98.82	100.01	98.82	99.52
							3 58/64	98.88			99.22	99.83
							3 59/64	99.19			99.62	100.14
							3 60/64	99.52			100.01	100.46
				CF300-13XX CS300-13XX	3 61/64	4	3 61/64	99.82	100.41	101.60	100.41	100.77
							3 62/64	100.13			100.81	101.08
							3 63/64	100.46			101.20	101.40
							4	100.76			101.60	101.71
				CF300-14XX CS300-14XX	4 1/64	4 4/64	4 1/64	101.07	102.00	103.19	102.00	102.02
							4 2/64	101.40			102.39	102.34
							4 3/64	101.70			102.79	102.65
							4 4/64	102.01			103.19	102.96
				CF300-15XX CS300-15XX	4 5/64	4 8/64	4 5/64	102.34	103.58	104.78	103.58	103.28
							4 6/64	102.64			103.98	103.59
							4 7/64	102.95			104.38	103.90
							4 8/64	103.28			104.78	104.22
				CF300-16XX CS300-16XX	4 9/64	4 12/64	4 9/64	103.58	105.17	106.36	105.17	104.53
							4 10/64	103.89			105.57	104.85
							4 11/64	104.22			105.97	105.16
							4 12/64	104.52			106.36	105.47

Note: Crimp values are in millimetres (± 0.13mm)

S

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diam-eter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
4" Hose ID Imperial Hose = 101.6mm	400-C-AL 400-C-BR 400-C-SS RC400EZCR G400-C-ALCR G400-C-BRCR G400-C-SSCR AL400AL BR400BR SS400SS	400-E-AL 400-E-BR 400-E-SS G400-E-ALCR G400-E-BRCR G400-E-SSCR AL400E BR400E SS400E	ST40CS STC40CS STC40ACS STV40CS STB40CS RST40SS RST40ASS RSTV40SS RSTB40ASS RSTB40SS	CF400-1XX CS400-1XX	4 13/64	4 16/64	4 13/64	110.06	106.76	107.95	106.76	111.30
							4 14/64	110.36			107.16	111.61
							4 15/64	59.87			107.55	111.91
							4 16/64	111.00			107.95	112.22
				CF400-2XX CS400-2XX	4 17/64	4 20/64	4 17/64	111.35	108.35	109.54	108.35	112.61
							4 18/64	111.66			108.74	112.92
							4 19/64	111.99			109.14	113.23
							4 20/64	112.29			109.54	113.54
				CF400-3XX CS400-3XX	4 21/64	4 24/64	4 21/64	112.60	109.93	111.13	106.36	113.84
							4 22/64	112.90			110.33	114.15
							4 23/64	113.21			110.73	114.46
							4 24/64	113.54			111.13	114.77
				CF400-4XX CS400-4XX	4 25/64	4 28/64	4 25/64	113.94	111.52	112.71	111.52	115.20
							4 26/64	114.25			111.92	115.51
							4 27/64	114.55			112.32	115.83
							4 28/64	114.88			112.71	116.14
				CF400-5XX CS400-5XX	4 29/64	4 32/64	4 29/64	115.19	113.11	114.30	113.11	116.45
							4 30/64	115.49			113.51	116.77
							4 31/64	115.82			113.90	117.08
							4 32/64	116.13			114.30	117.39
				CF400-6XX CS400-6XX	4 33/64	4 36/64	4 33/64	116.43	114.70	115.89	114.70	117.71
							4 34/64	116.76			115.09	118.02
							4 35/64	117.07			115.49	118.33
							4 36/64	117.37			115.89	118.65
				CF400-7XX CS400-7XX	4 37/64	4 40/64	4 37/64	117.70	116.28	117.48	116.28	118.96
							4 38/64	118.01			116.68	119.27
							4 39/64	118.31			117.08	119.59
							4 40/64	118.64			117.48	119.90
				CF400-8XX CS400-8XX	4 41/64	4 44/64	4 41/64	118.95	117.87	119.06	117.87	120.21
							4 42/64	119.25			118.27	120.53
							4 43/64	119.58			118.67	120.84
							4 44/64	119.89			119.06	121.16
				CF400-9XX CS400-9XX	4 45/64	4 48/64	4 45/64	120.19	119.46	120.65	119.46	121.47
							4 46/64	120.52			119.86	121.78
							4 47/64	120.83			120.25	122.10
							4 48/64	121.16			120.65	122.41
				CF400-10XX CS400-10XX	4 49/64	4 52/64	4 49/64	121.46	121.05	122.24	121.05	122.72
							4 50/64	121.77			121.44	123.04
							4 51/64	122.10			121.84	123.35
							4 52/64	122.40			122.24	123.66
				CF400-11XX CS400-11XX	4 53/64	4 56/64	4 53/64	122.71	122.63	123.83	122.63	123.98
							4 54/64	123.04			123.03	124.29
							4 55/64	123.34			123.43	124.60
							4 56/64	123.65			123.83	124.92
				CF400-12XX CS400-12XX	4 57/64	4 60/64	4 57/64	123.98	124.22	125.41	124.22	125.23
							4 58/64	124.28			124.62	125.54
							4 59/64	124.59			125.02	125.86
							4 60/64	124.92			125.41	126.17
				CF400-13XX CS400-13XX	4 61/64	5	4 61/64	125.22	125.81	127.00	125.81	126.49
							4 62/64	125.53			126.21	126.80
							4 63/64	125.86			126.60	127.11
							5	126.16			127.00	127.43
				CF400-14XX CS400-14XX	5 1/64	5 4/64	5 1/64	126.47	127.40	128.59	127.40	127.74
							5 2/64	126.80			127.79	128.05
							5 3/64	127.10			128.19	128.37
							5 4/64	127.41			128.59	128.68
				CF400-15XX CS400-15XX	5 5/64	5 8/64	5 5/64	127.74	128.98	130.18	128.98	128.99
							5 6/64	128.04			129.38	129.31
							5 7/64	128.35			129.78	129.62
							5 8/64	128.68			130.18	129.93
				CF400-16XX CS400-16XX	5 9/64	5 12/64	5 9/64	128.98	130.57	131.76	130.57	130.25
							5 10/64	129.29			130.97	130.56
							5 11/64	129.62			131.37	130.87
							5 12/64	129.92			131.76	131.19

Note: Crimp values are in millimetres (± 0.13mm)

S

King Crimp™ Recommendation Guide

Hose	Cam & Groove Coupler	Cam & Groove Adaptor	KC Nipple	Ferrule	Hose OD		Hose OD	Crimp Diameter	Hose OD		Hose OD	Crimp Diameter
					From	To			From	To		
6" Hose ID Imperial Hose = 152.44mm	600-C-AL 600-C-BR 600-C-SS RC600EZCR G600-C-ALCR G600-C-BRCR G600-C-SSCR AL600AL BR600BR SS600SS	600-E-AL 600-E-BR 600-E-SS G600-E-ALCR G600-E-BRCR G600-E-SSCR AL600E BR600E SS600E	ST60CS STC60CS STC60ACS STV60CS STB60CS RST60SS RST60ASS RSTV60SS RSTB60ASS RSTB60SS	CF600-1XX CS600-1XX	6 21/64	6 28/64	6 21/64	165.20	157.56	163.51	160.73	167.07
							6 22/64	165.51			161.13	167.38
							6 23/64	165.81			161.53	167.69
							6 24/64	166.14			161.93	168.00
							6 25/64	166.45			162.32	168.31
							6 26/64	166.75			162.72	168.62
							6 27/64	167.06			163.12	168.93
							6 28/64	167.36			163.51	169.24
				CF600-2XX CS600-2XX	6 29/64	6 36/64	6 29/64	167.79	163.91	163.91	163.91	169.69
							6 30/64	168.10			164.31	170.00
							6 31/64	168.43			164.70	170.31
							6 32/64	168.73			165.10	170.63
							6 33/64	169.04			165.50	170.94
							6 34/64	169.37			165.89	171.26
							6 35/64	169.67			166.29	171.57
							6 36/64	169.98			166.69	171.88
				CF600-3XX CS600-3XX	6 37/64	6 44/64	6 37/64	170.31	167.08	169.86	167.08	172.20
							6 38/64	170.61			167.48	172.51
							6 39/64	170.92			167.88	172.82
							6 40/64	171.25			168.28	173.14
							6 41/64	171.55			168.67	173.45
							6 42/64	171.86			169.07	173.76
							6 43/64	172.19			169.47	174.08
							6 44/64	172.49			169.86	174.39
				CF600-4XX CS600-4XX	6 45/64	6 52/64	6 45/64	172.80	170.26	173.04	170.26	174.70
							6 46/64	173.13			170.66	175.02
							6 47/64	173.43			171.05	175.33
							6 48/64	173.76			171.45	175.64
							6 49/64	174.07			171.85	175.96
							6 50/64	174.37			172.24	176.27
							6 51/64	174.70			172.64	176.59
							6 52/64	175.01			173.04	176.90
				CF600-5XX CS600-5XX	6 53/64	6 60/64	6 53/64	175.31	173.43	176.21	173.43	177.21
							6 54/64	175.64			173.83	177.53
							6 55/64	150.55			174.23	177.84
							6 56/64	176.25			174.63	178.15
							6 57/64	176.58			175.02	178.47
							6 58/64	176.89			175.42	178.78
							6 59/64	177.19			175.82	179.09
							6 60/64	177.52			176.21	179.41
				CF600-6XX CS600-6XX	6 61/64	7 4/64	6 61/64	177.83	176.61	179.39	176.61	179.72
							6 62/64	178.13			177.01	180.03
							6 63/64	178.46			177.40	180.35
							7	178.77			177.80	180.66
							7 1/64	179.07			178.20	180.97
							7 2/64	179.40			178.59	181.29
							7 3/64	179.71			178.99	181.60
							7 4/64	180.01			179.39	181.92
				CF600-7XX CS600-7XX	7 5/64	7 12/64	7 5/64	180.34	179.78	182.56	179.78	182.23
							7 6/64	180.64			180.18	182.54
							7 7/64	180.95			180.58	182.86
							7 8/64	181.28			180.98	183.17
							7 9/64	181.58			181.37	183.48
							7 10/64	181.89			181.77	183.80
							7 11/64	182.22			182.17	184.11
							7 12/64	182.52			182.56	184.42
6" Hose ID Imperial Hose = 152.44mm	600-C-AL 600-C-BR 600-C-SS RC600EZCR G600-C-ALCR G600-C-BRCR G600-C-SSCR AL600AL BR600BR SS600SS	600-E-AL 600-E-BR 600-E-SS G600-E-ALCR G600-E-BRCR G600-E-SSCR AL600E BR600E SS600E	ST60CS STC60CS STC60ACS STV60CS STB60CS RST60SS RST60ASS RSTV60SS RSTB60ASS RSTB60SS	CF600-8XX CS600-8XX	7 13/64	7 20/64	7 13/64	182.83	182.96	185.74	182.96	184.74
							7 14/64	183.16			183.36	185.05
							7 15/64	183.46			183.75	185.36
							7 16/64	183.79			184.15	185.68
							7 17/64	184.10			184.55	185.99
							7 18/64	184.40			184.94	186.30
							7 19/64	184.73			185.34	186.62
							7 20/64	185.04			185.74	186.93
				CF600-9XX CS600-9XX	7 21/64	7 28/64	7 21/64	185.34	186.13	188.91	186.13	187.25
							7 22/64	185.67			186.53	187.56
							7 23/64	185.98			186.93	187.87
							7 24/64	186.28			187.33	188.19
							7 25/64	186.61			187.72	188.50
							7 26/64	186.92			188.12	188.81
							7 27/64	187.22			188.52	189.13
							7 28/64	187.55			188.91	189.44

Note: Crimp values are in millimetres (± 0.13mm)

Glossary of Terms

A

A.N.S.I. American National Standards Institute, Inc.

A.P.I. American Petroleum Institute

A.S.M.E. American Society of Mechanical Engineers

A.S.T.M. American Society for Testing and Materials

Anodise A process for aluminium, similar to zinc or chrome plating steel, in which an aluminium part is electrically charged then, dipped in various chemicals to produce various colours and/or surface hardness.

B

Burst Pressure The pressure at which rupture occurs.

C

Chamfer To cut an angle on the hose tube aid in stem insertion and to prevent the hose end from flaring when a stem is inserted.

Clamp A metal fitting, band or wire used around the outside of a hose end to secure a coupling, fitting or nipple.

Cold Flow Continued deformation or movement of rubber under stress.

Compression Set The deformation that remains in rubber after it has been subjected to and released from stress such as a clamp. The longer the stress is maintained the more definitive the deformation.

Coupling A device at the end or ends of a length of hose that allows a connection to be made.

Crimping The act of forming the metal sleeve or ferrule of a hose fitting with a surrounding series of die segments to compress the hose within the fitting. The crimping process changes the shape of the entire circumference and length simultaneously. Often interchanged with the term “swaged”.

D

Durometer An instrument for measuring the hardness of rubber.

Durometer Hardness A numerical value which indicates the resistance to indentation of the blunt indentor of the durometer.

E

Elastomer Any of various elastic substances resembling rubber.

Expansion Ring Typically refers to a type of fire hose couplings that are attached by expanding a sleeve (usually brass) outward to compress the hose against the wall of the bowl of the coupling.

External Swage (Swaging) A ferrule is passed through a reducing die, usually split, to bring the ferrule O.D. down to a predetermined size (for proper coupling retention) forcing the hose tube down into the stem serrations.

F

Ferrule A collar placed over a hose end to attach the fitting to the hose. The ferrule may be crimped or swaged, forcing the hose against the shank of the coupling, or the shank may be expanded, forcing the hose out against the ferrule, or both.

G

Gripping Finger The part of the clamp that goes over and behind the stem collar to aid in clamp retention.

H

Hard Coat An anodizing process in which the surface hardness of aluminium becomes similar to or greater than that of case hardened steel.

I

Internal Expansion *(I.X.)* A plug (or bullet) is pulled through a stem or a set of blades (fingers) increase the stem I.D. to the plug O.D. or a predetermined setting when using expansion blades (fingers). This forces the stem serrations into the hose tube and the hose cover into the serrations of the ferrule.

J

J.I.C. Joint Industrial Committee

J.I.C. Thread Typically refers to the threads on hydraulic fittings having 37° conical sealing surfaces.

M

M.S.H.A. Mine Safety and Health Administration

N

Nipple The section of the fitting that is inserted into the hose. Also known as the shank of a coupling.

Nominal A dimensional value assigned for the purpose of convenient designation.

O

Operating Pressure The pressure at which system functions. Also known as Working Pressure.
ORB Thread O-ring Boss™ Thread

P

P.S.I. Pounds per square inch

P.S.I.G. Pounds per square inch gauge

Permanent Fitting The type of fitting which, after it is applied, cannot be removed for reuse.

Polymer A macromolecular material formed by the chemical combination of monomers having the same or different chemical composition.

Proof Pressure A specified pressure which exceeds the hose assemblies rated working pressure to indicate its reliability at normal working pressure. Follow R.M.A.'s testing guidelines for specific pressures and duration's for various types of hose.

R

R.M.A. Rubber Manufacturers Association

Reusable Fitting The type of fitting that is designed to be removed from a hose and recoupled on another hose.

S

S.A.E. Society of Automotive Engineers

S.A.E. Threads Similar to J.I.C. except 45° conical sealing surfaces.

S.C.F.M. Standard Cubic Feet per Minute. Typically refers to the amount of compressed air a compressor can produce.

Safety Factor A ratio used to establish the working pressure of a hose based upon the burst pressure.
Typical Safety Factors are as follows:

1. Water hose up to 150 PSI WP: 3 to 1.
2. Hose for all other liquids, solid materials suspended in liquids or air and water hose over 150 PSI WP: 4 to 1.
3. Hose for compressed air and other gases: 4 to 1.
4. Hose for liquid media that immediately changes into gas under standard atmospheric conditions: 5 to 1.
5. Steam hose: 10 to 1.

Serration The part of the shank (stem) that grips the hose tube.

Shank The section of the fitting or coupling that is inserted into the hose.

Sintered Process in which powdered metal is formed in a mold under extreme pressure to form a finished part.

Surge A rapid rise and decrease of internal pressure.

T

Torque Amount of force required to turn an object. Usually measured in inch pounds (in. lbs.) or foot pounds (ft. lbs.)

Tube The innermost part of the hose that's purpose is to contain the media being transported. Usually, rubber compounds or plastics are blended to give the tube specific properties so that it is compatible with certain media.

U

U.H.M.W. Ultra High Molecular Weight. Next generation of chemical hoses after cross-linked polyethylene having a thin tube liner made from extremely dense material giving it excellent chemical resistance properties.

W

W.O.G. Water, Oil, Gas. Pressure rating for valves handling these products. This does not include steam.

W.P. Working Pressure

Working Pressure The maximum pressure to which a hose assembly will be subjected to including pressure surges.

X

X.L.P.E. Cross-Linked Polyethylene. Tube material that has good chemical resistance properties.

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TERMS AND CONDITIONS OF SALE OF DIXON (ASIA) PACIFIC PTY LTD

1. **INTERPRETATION**
In these Conditions:
1.1 "Australian Consumer Law" means the law as set out in Schedule 2 of the Competition and Consumer Act 2010;
1.2 "Buyer" means the buyer specified in the attached Application for Credit Account or if there is no such application, or there is no buyer specified in the application, the purchaser of the Goods from the Company and includes any servants, agents, or contractors acting on behalf of the Buyer where the context permits;
1.3 "Company" means Dixon (Asia Pacific) Pty Ltd ACN 075 100 239 which is the seller of the Goods;
1.4 "Conditions" means these terms and conditions of sale;
1.5 "Consumer" means a “consumer” as that term is defined in Section 3 of the Australian Consumer Law;
1.6 "Consumer Contract" means a contract for supply of Goods by the Company to the Buyer as a Consumer;
1.7 "Consumer Guarantees" means the consumer guarantees under the Australian Consumer Law;
1.8 "Contract" means a contract for the sale and purchase of the Goods in accordance with these Conditions, as evidenced by the acceptance of any Order from the Buyer to the Company;
1.9 "Date of Acceptance" means the date that the Company approves the Application for Credit Account made by the Buyer or otherwise notifies the Buyer that these Conditions apply to the sale of Goods by the Company to the Buyer;
1.10 "Effective Date" means 1 January 2012;
1.11 "Goods" means the products purchased from the Company by the Buyer from time to time and which are the subject of an Order;
1.12 "Implied Terms" means any guarantees, conditions, warranties or other terms implied by any Australian Commonwealth, State or Territory laws (excluding the Australian Consumer Law), or the laws of any other jurisdiction;
1.13 "Order" means any Order for Goods from the Buyer to the Company from time to time in a form acceptable to the Company;
1.14 "PPSA" means the Personal Property Securities Act 2009;
1.15 "Quotation" means a quotation supplied by the Company to the Buyer in respect of the Goods.

2. **GENERAL**
2.1 These Conditions apply to all Goods supplied by the Company as from the Effective Date and the Buyer is deemed to have read and agreed to these Conditions prior to the placing of any Order.
2.2 These Conditions shall prevail over all inconsistencies in an Order and Quotation, unless the Company expressly agrees otherwise and that agreement is acknowledged in writing.
2.3 The Company reserves the right to vary, add or substitute to these Conditions from time to time and any such variations to these Conditions will have effect from the date of publication of such changes to the Company’s customers.
2.4 No promise, representation, warranty or undertaking (including any technical advice or assistance provided by the Company to the Buyer in connection with the Buyer’s Order for the Goods) other than that which is expressed in these Conditions will bind the Company, unless the Company expressly agrees otherwise in writing.

3. **SHORTAGE AND NON-CONFORMING GOODS**
The Buyer waives any claim for shortage of any Goods delivered or failure to supply Goods conforming with the Order if a claim for short delivery or failure to supply Goods conforming with the Order has not been lodged with the Company within seven (7) days from the date of receipt of Goods by the Buyer. Any claim for shortage of any Goods delivered or failure to supply Goods conforming with the Order must be submitted in writing in a form approved by the Company.

4. **SPECIFICATIONS**
Except where the Goods are purchased under a Consumer Contract:
4.1 All specifications, drawings, and particulars of weights and dimensions submitted or published by the Company are approximate only and any deviation from any of these things does not vitiate any contract with the Company or form grounds for any claim against the Company; and
4.2 The descriptions, illustrations and performances contained in catalogues, price lists and other advertising matter do not form part of the Contract or of the description applied to the Goods.

5. **PERFORMANCE**
Except where the Goods are purchased under a Consumer Contract, any performance figures given by the Company are estimates only. The Company is under no liability for damages for failure of the Goods to attain such figures unless specifically guaranteed in writing. Any such written guarantees are subject to the recognised tolerances applicable to such figures.

6. **DELIVERY**
6.1 The delivery times made known to the Buyer are estimates only and the Company is not liable for late delivery or non-delivery.
6.2 The Buyer may cancel an order for Goods purchased under a Consumer Contract if the Company is unable to deliver the Goods within 90 days of any specified delivery date.
6.3 Except where clause 6.2 applies:
6.3.1 The Company is not liable for any loss, damage or delay occasioned to the Buyer or its customers arising from late or non-delivery of the Goods;
6.3.2 Late delivery or non-delivery does not vary these Conditions or relieve the Buyer from its obligations to accept the Goods and to pay for the Goods.
6.4 The Company may at its option deliver the Goods to the Buyer in any number of installments unless otherwise agreed in writing by the Company.
6.5 Delivery of the Goods will be taken to have occurred when either the Goods are:
6.5.1 Collected by the Buyer or the Buyer’s agent; or
6.5.2 Off-loaded at the Buyer’s nominated point of delivery.
6.6 The Goods shall be at the risk of the Buyer after delivery.

7. **AUSTRALIAN CONSUMER LAW**
7.1 Where the Contract under which the Buyer purchases the Goods is a Consumer Contract (ie where the Buyer is a Consumer):
7.1.1 The Goods are supplied subject to the Consumer Guarantees;
7.1.2 If the Goods fail to meet any Consumer Guarantee, the Buyer will be entitled to such rights and remedies as are permitted or provided in the Australian Consumer Law for such failure, to the extent that such rights and remedies cannot be lawfully excluded. This may include the right to reject or return the Goods and obtain a refund, have the failure remedied by repair or replacement/substitution or to receive compensation for any reduction in the value of the Goods below the price paid or payable for them;
7.1.3 The Buyer may only exercise any right or remedy for breach of a Consumer Guarantee strictly in accordance with the rights and responsibilities of the Buyer under the Australian Consumer Law;
7.1.4 Where the Goods are not ordinarily acquired for personal, domestic or household use or consumption, then, unless the Company is the manufacturer of the Goods under the Australian Consumer Law, the Company’s liability for breach of a Consumer Guarantee is limited at the Company’s option to repairing or replacing the Goods, supplying equivalent goods or paying the costs of the repair or replacement of the Goods or of acquiring equivalent goods.
7.2 Where the Buyer resupplies the Goods to a Consumer and the Goods are not ordinarily acquired for personal, domestic or household use or consumption, the Company’s liability to the Buyer in connection with any breach of a Consumer Guarantee in respect of the Goods is limited to paying to the Buyer an amount equal to the cost of replacing the Goods, supplying equivalent goods or having the Goods repaired, whichever is the lower amount.

8. **GENERAL LIMITATION ON LIABILITY**
   - 8.1 This clause 8 does not limit the liability of the Company under Consumer Contracts.
   - 8.2 The Company shall not be liable for any guarantee, warranty or representation as to the quality, performance, and fitness for purpose or otherwise of any Goods unless expressed in writing and signed on behalf of the Company and any such warranty or representation shall be limited to its express terms.
   - 8.3 None of the Implied Terms apply to any Contract except to the extent that they cannot be lawfully excluded.
   - 8.4 The Company's liability for breach of any provision of any such Contract or for breach of any Implied Terms which by force of law cannot be excluded from applying to any such Contract is limited at the option of the Company to repairing or re-supplying Goods which have been found defective, or, paying the cost of repairing or re-supplying Goods which have been found defective.
   - 8.5 The Company is not liable in tort for any loss or damages suffered by the Buyer or by any third party.
   - 8.6 In no circumstance whatsoever shall the Company be liable to the Buyer or to any third party for any loss of data or profits, loss of anticipated savings, economic loss or interruption of business or for any indirect or consequential loss ("Consequential Loss") arising out of the late delivery of Goods or any failure to perform or observe the Company's obligations under any Contract or Implied Terms and the Buyer will keep the Company fully indemnified against any claim made against the Company by a third party for any such Consequential Loss.

9. **PRICES AND GST**
   - 9.1 Unless otherwise stated all prices quoted by the Company are net, exclusive of Goods and Services Tax (GST).
   - 9.2 GST applied to all supplies of Goods made by the Company and the amount payable by the Buyer will be increased by a percentage equal to the prevailing of GST rate at the time of delivery of the Goods.
   - 9.3 Unless otherwise agreed, prices do not include the cost of delivery of Goods.

10. **CREDIT PAYMENT**
    - 10.1 Where an Application for Credit Account is approved for the Buyer, the purchase price of the Goods is payable within thirty (30) days from the end of the month of date of invoice unless other terms of payment are expressly stated on the invoice. If payment is made on or before the due date, the agreed settlement discount (if any) may be deducted from that payment.
    - 10.2 The Company reserves the right to withdraw approval of an Application for Credit Account for the Buyer at any time by notice to the Buyer.
    - 10.3 The Company reserves the right to request such security or additional security for any credit arrangements with the Buyer as the Company shall in its discretion think fit and shall be entitled to withhold supply of any Goods or credit arrangements until such security or additional security is provided by the Buyer.

11. **CASH SALES**
    Where no Application for Credit Account has been approved for the Buyer, or approval of the Application for Credit Account is withdrawn, the purchase price of the Goods must be paid in full on placement of the Order, or where expressly agreed in writing by the Company, on delivery of the Goods.

12. **PAYMENT**
    - 12.1 All amounts payable to the Company by the Buyer must be paid in Australian dollars in any manner required by the Company in writing in full without set-off on or before the due date for payment.
    - 12.2 Any costs or charges incurred by the Company in collecting or attempting to collect overdue amounts must be paid by the Buyer to the Company on demand.
    - 12.3 The Company reserves the right to charge interest at the rate of 12% per annum on all overdue amounts owing to it. Such interest will accrue daily and is payable on demand.
    - 12.4 Payment will not be taken to occur until all cheques tendered in discharge of amounts owing to the Company have been presented and cleared in full.

13. **MINIMUM ORDER & INVOICE**
    All orders will be charged at a minimum price of $35 (excluding the costs of delivery of Goods) notwithstanding that the net value of the Order may be less than $35.

14. **TITLE TO GOODS**
    - 14.1 Title to and property in the Goods will not pass until the Buyer has paid all moneys owed to the Company on any account whatsoever.
    - 14.2 Until the Buyer has paid all moneys owed to the Company:
      - 14.2.1 The Company retains a purchase money security interest in the Goods and the proceeds of sale of the Goods under the PPSA;
      - 14.2.2 The relationship of the Buyer to the Company is as a fiduciary in respect of the Goods and accordingly:
        - 14.2.2.1 The Buyer must store the Goods in such a way that they can be recognised as the property of the Company;
        - 14.2.2.2 Upon re sale of the Goods by the Buyer, the Company will have the right to trace the full proceeds of sale; and
        - 14.2.2.3 The Buyer must account to the Company for such proceeds of sale and the Company may recover from such proceeds of sale any moneys then owing to the Company on any account whatsoever.
      - 14.2.3 The Company reserves the right to enter upon any premises for the purpose of repossessing the Goods without prejudice to any other rights of recovery available and the Buyer grants the Company a licence to enter such premises for the purpose of exercising such right.
    - 14.3 The Buyer must do all things reasonably required by the Company in respect of the registration of the Company's interest in the Goods under this clause or the enforcement of the Company's rights under the PPSA in respect of the goods.
    - 14.4 The Buyer waives any right the Buyer has under the PPSA:
      - 14.4.1 To receive notice in relation to registration of the Company's interest in the Goods under the PPSA; and
      - 14.4.2 To claim damages against the Company under Section 271 of the PPSA.

15. **QUOTATIONS**
    - 15.1 Subject to clause 15.2, all prices quoted for Goods are valid quotes for 30 days from the date of Quotation.
    - 15.2 Quotations are based on the current costs of sourcing the Goods and unless the Company has otherwise agreed, are subject to amendment by the Company before or after the Quotation is made to meet any rise and fall in such costs between the date of Quotation and the date of producing the goods.
    - 15.3 The Company reserves the right to charge the Buyer for any costs incurred as a result of the Buyer varying its Order or the contract correcting any errors or omissions referred to in clause 15.4 or requiring Goods urgently.
    - 15.4 The Company will supply the Goods on the basis of the Order (whether written or oral). The Company will not be responsible for any errors or omissions in relation to the Goods where those errors or omissions result wholly or partially from incomplete or unclear instructions in the Order.

16. **RETURNED GOODS**
    - 16.1 The Company is not under any duty to accept Goods returned by the Buyer and will do so only on terms to be agreed in writing in each individual case.
    - 16.2 The Company may levy a handling charge of either 15% of the Order value or $35 (whichever is greater) for any accepted returns. Goods delivered incorrectly, found to be defective or that fail to meet any Consumer Guarantees will be exempt from this handling charge.
    - 16.3 Nothing in clause 16.1 affects the Buyer's rights under the Australian Consumer Law or in respect of any breach of Implied Terms.

17. **CANCELLATION**
    - 17.1 The Company may cancel any Contract any time before Goods are delivered by giving written notice to the Buyer. On giving such notice, the Company will repay to the Buyer any sums paid in respect of the Goods. The Company will not have any other liability in respect of such cancellation.
    - 17.2 Subject to clause 6.2, the Buyer may not cancel a Contract at any time except with the Company's prior written consent.
    - 17.3 In the event that the Buyer cancels a Contract otherwise than under clause 6.2:
      - 17.3.1 The Company may retain any deposit or other sums paid on account of the Goods; and
      - 17.3.2 If payment for the Goods is not already made in full, the Buyer will be responsible for any losses incurred by the Company in respect of such cancellation (including loss of profits, anticipated savings, economic loss or interruption of business loss or other incidental, consequential or indirect damages).
    - 17.4 In the event the Buyer cancels a Contract under clause 6.2, the Company will repay to the Buyer any sums paid in respect of the Goods. The Company will not have any other liability in respect of such cancellation.

18. **SUSPENSION OR TERMINATION BY THE COMPANY**
    - 18.1 If the Buyer makes a default in any payment due to the Company for any Goods provided by the Company, commits any act of bankruptcy or enters into liquidation whether voluntary or involuntary, the Company may in its absolute discretion, suspend delivery of any Goods to the Buyer or cancel any Contract with the Buyer, without prejudice to its rights hereunder.
    - 18.2 Any default by the Buyer or cancellation, suspension or termination by the Company shall in no way prejudice any rights of the Company against the Buyer whatsoever, including any right to recover any amounts due for the Goods, or the Goods themselves, previously supplied by the Company to the Buyer.

19. **PLACE OF CONTRACT**
    - 19.1 This Contract is made in the State of South Australia.
    - 19.2 The Buyer and Company agree that unless otherwise stipulated by the Company all disputes arising between them shall be submitted to the courts of the State of South Australia and any court competent to hear appeals from those courts of first instance.

20. **MISCELLANEOUS**
    - 20.1 A Contract may be altered in writing signed by each party.
    - 20.2 Unless otherwise provided, a party may in its discretion give (conditionally or unconditionally) or withhold any approval or consent under a Contract.
    - 20.3 A party must not assign or otherwise deal with a Contract or any right under it without the written consent of the other party.
    - 20.4 A Contract constitutes the entire agreement between the parties about its subject matter and supersedes any prior understanding, agreement, condition, warranty, indemnity or representation about its subject matter.
    - 20.5 A waiver of a provision of or right under a Contract must be in writing signed by the party giving the waiver and is effective only to the extent set out in the written waiver.
    - 20.6 The failure, delay, relaxation or indulgence by a party in exercising a power or right under a Contract is not a waiver of that power or right.
    - 20.7 An exercise of a power or right under a Contract does not preclude a further exercise of it or the exercise of another right or power.
    - 20.8 Each indemnity, obligation of confidence and other term capable of taking effect after the expiration or termination of a Contract, remains in force after the expiration or termination of the Contract.

21. **INTERPRETATION**
    - 21.1 Headings do not affect interpretation;
    - 21.2 Singular includes plural and plural includes singular;
    - 21.3 A reference to a party includes its executors, administrators, successors and permitted assigns;
    - 21.4 A reference to a person includes a partnership, corporation, association, government body and any other entity;
    - 21.5 An agreement, representation, warranty or indemnity by two or more parties (including where two or more persons are included in the same defined term) binds them jointly and severally;
    - 21.6 An agreement, representation, warranty or indemnity in favour of two or more parties (including where two or more persons are included in the same defined term) is for the benefit of them jointly and severally;
    - 21.7 A reference to legislation includes any amendment to it, any legislation substituted for it, and any subordinate legislation made under it;
    - 21.8 A provision is not construed against a party only because that party drafted it;
    - 21.9 An unenforceable provision or part of a provision may be severed, and the remainder of these Conditions continues in force, unless this would materially change the intended effect of these Conditions;
    - 21.10 The meaning of general words is not limited by specific examples introduced by 'including', 'for example' or similar expression.

PRIVACY NOTICE AND CONSENT

Acknowledgment of receipt of Privacy Statement

Each individual who is the Buyer, a partner in the Buyer, a director of the Buyer, or a Guarantor, and who has signed this Application for Credit Account, acknowledges that they have received a copy of the Company's Privacy Statement which contains important information about the Company's management of personal information. Obtaining reports from credit-reporting agencies The Company gives notice that it may give personal information about an individual who is the Buyer, a partner in the Buyer, a Director of the Buyer or a Guarantor to a credit-reporting agency for the following purposes:

- to obtain a consumer credit report about the individual, and/or
- to allow the credit reporting agency to create or maintain a credit information file containing information about the individual.

The information that may be given is limited to:

- identity particulars-name, sex, current address, previous two addresses, date of birth, name of employer, drivers licence number,
- the fact that the individual has applied for credit and the amount,
- the fact that the Company is a current credit provider to the individual,
- payments that are overdue for more than 60 days, and for which debt collection action has started,
- advice that payments are no longer overdue in respect of any default that has been listed,
- information that, in the opinion of the Company, the individual has committed a serious credit infringement (that is, acted fraudulently or shown an intention not to comply with the individual's credit obligations),
- cheques drawn by the Buyer for $100 or more which have been dishonoured more than once.

This information may be given before, during or after the provision of credit to the Buyer. Obtaining and exchanging information about individuals who are Buyers or partners in Buyers Each individual who is the Buyer, or a partner in the Buyer, agrees that:

- the Company may obtain information about the individual from a credit-reporting agency if the Company considers it relevant to the assessment of the Buyer's application for credit;
- the Company may obtain information about the individual from the individual's employer that may include the nature of the employment (full time, part time, contract or casual), the length of employment, the minimum hours, and the rates of pay);
- the Company may exchange information about the individual (which can include anything about the individual's credit worthiness, credit standing, credit history or credit capacity that credit providers are allowed to exchange under the Privacy Act) with those credit providers named in this Application or in a consumer credit report obtained by the Company for the following purposes:
    - to assess an application by the individual for credit,
    - to notify other credit providers of a default by the individual,
    - to exchange information with other credit providers as to the status of the Buyer's account where the individual is in default with other credit providers, and
    - to assess the individual's credit worthiness.

Obtaining information about individuals who are Directors of Buyers Each individual who is a Director of the Buyer, and who has signed this Application, agrees that the Company may obtain information about the individual from a credit- reporting agency if the Company considers it relevant to the assessment of the Buyer's application for credit. Obtaining information about individuals who are Guarantors. Each individual who is a Guarantor, and who has signed this Application, agrees that the Company may obtain information about the individual from a credit-reporting agency if the Company considers it relevant to the assessment of whether to accept the individual as a guarantor in respect of credit the Buyer has applied for or obtained.

Limits of Liability

This catalogue is intended as a product offering. It is not intended to be a user or technical manual. Information in this catalogue is subject to change without notice. All users and distributors of products sold through this catalogue should contact Dixon® with questions of use, compatibilities, coupling procedures and life of product. Our full-time engineering and test staff are always available to recommend uses and to assist distributors and users with any questions. All product images are representative.

Safety

Safety logos, which appear throughout our catalogue, are used as a reminder that the user should carefully review for the appropriateness of the product for the media, application and environment in which it will be used.

NOTE: Because of the health hazards associated with contamination and lead content in drinking water systems, Dixon® couplings, unless otherwise specifically approved, are not recommended for potable water service and should not be used in applications where drinking water will contact the wetted surfaces of the coupling.

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