



suttontools
ISO TAPS

- M, MF ▪ UNC, UNF, UNEF, UN, UNS ▪ BSW, BSF, BA, BSB
- Rc (BSPT), Rp (BSPPL), Pg Series, G (BSPF) ▪ NPT, NPTF, NPSF



Special Taps Express Delivery Service...

Sutton Tools is a leading international Manufacturer of specialist cutting tools and is renowned for producing high performance, precision cutting tools specifically designed to individual customer requirements.

With comprehensive customer service and warehouse facilities, our Express Delivery Service enables us to meet your requirements more efficiently than ever before.

All Thread Forms

UN, Metric, UNJC, UNJF, MJ, UH, Pg, Whit, Rope forms & Acme and more!!

With our state of the art CNC grinding equipment almost any profile can be achieved. Feel free to discuss these with our Tech team.

Within 24 hours*

- Straight Flute Taps M3 to M127
- Spiral Taps M3 to M36

Within 48 Hours*

- Gun Taps M3 to M36

Within 5 Working Days*

Surface Finishes and Treatments:

- Steam Oxide
- Gas Nitride
- Titanium Nitride
- Chromium Nitride
- Titanium Carbo-Nitride
- Titanium Aluminum Nitride

BSF, BA, BSB (Brass)

G (BSPF)

Rc (BSPT), Rp (BSPPL), Pg, NPT, NPTF, NPSF

ISO VDI Material Group

Sutton

P	A	Steel	N	IMI
M	R	Stainless Steel	VA	
K	F	Cast Iron	GG	
N	N	Non-Ferrous Metals, Aluminiums & Coppers	Al W	
S	S	Titaniums & Super Alloys	Ti Ni	
H	H	Hard Materials (≥ 45 HRC)	H	

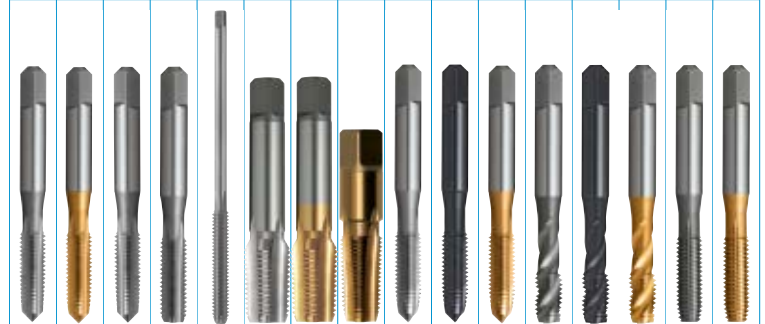
^ VDI 3323 material groups can also be determined by referring to the material cross reference listing in the application guide at the back of this catalogue.

For expert tooling recommendations, go to:

www.suttontools.com/expert-tool-selector

Material
Surface Finish
Sutton Designation
Tapping Depth

68	70	71	72					73	73	74	75	75	76	77	77
MF	78	80						81	81	82	83		83		
UNC	84	86	87		94			89	89	90	91	91	92	93	93
UNF	95	97	98					102	102	103	104		104	105	
BSW	109	110	111		117			112	112	113	114	114	115	116	116
	118														
	120	122						121			120				
	123					123	123	124							



HSS	HSS	HSS	HSS	HSS	HSSE	HSSE	HSSE
Br	TiN	Br	Br	TiN	Br	Blu	TiN
N	N-LH	O/Size	Nut	N	N	N	N
≤ 1xØ	≤ 1xØ	≤ 2xØ	-	-	≤ 3xØ	≤ 2.5xØ	≤ 1.5xØ

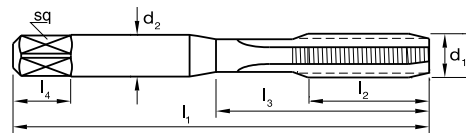
ISO	VDI [^] 3323	Material	Condition	HB	N/mm ²														
P	1	Steel - Non-alloy, cast & free cutting	~ 0.15 %C	A	125	440	●	●	●	●	●	●	●	●	●	●	●	●	●
	2		~ 0.45 %C	A	190	640	●	●	●	●	●	●	●	●	●	●	●	●	●
	3			QT	250	840	●	●	●	●	●	●	●	○	●	●	○	●	○
	4		~ 0.75 %C	A	270	910	●	●	●	●	●	●	○	●	●	○	●	○	○
	5			QT	300	1010		○			○			○			○		
	6	Steel - Low alloy & cast < 5% of alloying elements		A	180	610	●	●	●	●	●	●	●	●	●	●	●	●	●
	7			QT	275	930	○	●	○	○	○	○	○	○	○	○	○	○	○
	8			QT	300	1010		○			○			○			○		
	9			QT	350	1180								○					
	10	Steel - High alloy, cast & tool		A	200	680		○			○			○			○		
	11			HT	325	1100													
M	12	Steel - Corrosion resistant & cast	Ferritic / Martensitic	A	200	680		○					○	○		○	○		
	13		Martensitic	QT	240	810							○	○		○	○		
	14.1	Stainless Steel	Austenitic	AH	180	610		○		○	○	○	○	○	○	○	○	○	○
K	14.2		Duplex		250	840							○	○	○	○	○		
	14.3		Precipitation Hardening		250	840													
	15	Cast Iron - Grey (GG)	Ferritic / Pearlitic		180	610	○	○	○	○	○	○	○						
K	16		Pearlitic		260	880													
	17	Cast Iron - Nodular (GGG)	Ferritic		160	570	○	○	○	○	○	○	○	○	○	○	○	○	○
	18		Pearlitic		250	840							○	○	○	○	○	○	○
K	19	Cast Iron - Malleable	Ferritic		130	460	○	○	○	○	○	○	○	○	○				
	20		Pearlitic		230	780													
N	21	Aluminum & Magnesium - wrought alloy	Non Heat Treatable		60	210	○	○	○	○	○	○	○		○	○		○	●
	22		Heat Treatable	AH	100	360	○	○	○	○	○	○	○		○	○		○	●
	23	Aluminum & Magnesium - cast alloy ≤12% Si	Non Heat Treatable		75	270	○	○	○	○	○	○	○		○	○		○	●
	24		Heat Treatable	AH	90	320	○	○	○	○	○	○	○		○	○		○	○
	25	Al & Mg - cast alloy >12% Si	Non Heat Treatable		130	460								○			○		
	26	Copper & Cu alloys (Brass/Bronze)	Free cutting, Pb > 1%		110	390	○	○	○	○	○	○	●		○	●		●	●
	27		Brass (CuZn, CuSnZn)		90	320		○			○	○	○		○	○		○	
	28		Bronze (CuSn)		100	360	○	○	○	○	○	○	○		○			○	○
	29	Non-metallic - Thermosetting & fiber-reinforced plastics																	
S	30	Non-metallic - Hard rubber, wood etc.																	
	31	High temp. alloys	Fe based	A	200	680													
	32			AH	280	950													
	33		Ni / Co based	A	250	840													
	34			AH	350	1180													
	35			C	320	1080													
	36	Titanium & Ti alloys	CP Titanium		400 MPa														
	37.1		Alpha alloys		860 MPa														
	37.2		Alpha / Beta alloys	A	960 MPa														
	37.3			AH	1170 MPa														
	37.4		Beta alloys	A	830 MPa														
	37.5			AH	1400 MPa														
H	38.1	Hardened steel		HT	45 HRC														
	38.2			HT	55 HRC														
	39.1			HT	58 HRC														
	39.2			HT	62 HRC														
	40		Chilled	C	400	1350							○	○	○	○	○	○	
	41	Cast Iron		HT	55 HRC														

Condition: A (Annealed), AH (Age Hardened), C (Cast), HT (Hardened & Tempered), QT (Quenched & Tempered)

ISO Taps Metric, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T384	T385
D0702	D0702
HSS	HSS
Brf	Brf
N	N
Taper	Intermediate
ISO 2 / 6H	ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0200	M2	x 0.4	41	8	-	2.50	2.00	4	3	1.6	T384 0200	\$35.58	T385 0200	\$35.58
0250	M2.5	x 0.45	45	10	-	2.80	2.24	5	3	2.05	T384 0250	\$29.97	T385 0250	\$29.97
0300	M3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T384 0300	\$22.45	T385 0300	\$22.45
0350	M3.5	x 0.6	50	13	17.5	3.55	2.80	5	3	2.9	T384 0350	\$23.51	T385 0350	\$23.51
0400	M4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T384 0400	\$19.48	T385 0400	\$19.48
0450	M4.5	x 0.75	53	13	19	4.50	3.55	6	3	3.7	T384 0450	\$25.38	T385 0450	\$25.38
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T384 0500	\$21.69	T385 0500	\$21.69
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T384 0600	\$22.45	T385 0600	\$22.45
0700	M7	x 1	66	19	26	7.10	5.60	8	4	6.0	T384 0700	\$26.92	T385 0700	\$26.92
0800	M8	x 1.25	72	22	30	8.00	6.30	9	4	6.8	T384 0800	\$23.51	T385 0800	\$23.51
0900	M9	x 1.25	72	22	31	9.00	7.10	10	4	7.8	T384 0900	\$38.52	T385 0900	\$38.52
1000	M10	x 1.5	80	24	34	10.00	8.00	11	4	8.5	T384 1000	\$32.00	T385 1000	\$32.00
1100	M11	x 1.5	85	25	-	8.00	6.30	9	4	9.5	T384 1100	\$48.94	T385 1100	\$48.94
1200	M12	x 1.75	89	29	-	9.00	7.10	10	4	10.2	T384 1200	\$47.40	T385 1200	\$47.40
1400	M14	x 2	95	30	-	11.20	9.00	12	4	12.0	T384 1400	\$59.82	T385 1400	\$59.82
1600	M16	x 2	102	32	-	12.50	10.00	13	4	14.0	T384 1600	\$72.45	T385 1600	\$72.45
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T384 1800	\$112.38	T385 1800	\$112.38
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T384 2000	\$125.02	T385 2000	\$125.02
2200	M22	x 2.5	118	38	-	16.00	12.50	16	4	19.5	T384 2200	\$141.33	T385 2200	\$141.33
2400	M24	x 3	130	45	-	18.00	14.00	18	4	21.0	T384 2400	\$163.07	T385 2400	\$163.07
2700	M27	x 3	135	45	-	20.00	16.00	20	4	24.0	T384 2700	\$250.07	T385 2700	\$250.07
3000	M30	x 3.5	138	48	-	20.00	16.00	20	4	26.5	T384 3000	\$279.08	T385 3000	\$279.08
3300	M33	x 3.5	151	51	-	22.40	18.00	22	4	29.5	T384 3300	\$366.23	T385 3300	\$366.23
3600	M36	x 4	162	57	-	25.00	20.00	24	4	32.0	T384 3600	\$423.98	T385 3600	\$423.98
3900	M39	x 4	170	60	-	28.00	22.40	26	4	35.0	T384 3900	\$507.41	T385 3900	\$507.41
4200	M42	x 4.5	170	60	-	28.00	22.40	26	4	37.5	T384 4200	\$579.88	T385 4200	\$579.88
4500	M45	x 4.5	187	67	-	31.50	25.00	28	4	40.5	T384 4500	\$750.44	T385 4500	\$750.44
4800	M48	x 5	187	67	-	31.50	25.00	28	4	43.0	T384 4800	\$800.94	T385 4800	\$800.94
5200	M52	x 5	200	70	-	35.50	28.00	31	4	47.0	T384 5200	\$985.86	T385 5200	\$985.86

Tap & Drill Sets

0014 14 piece set (intermediate)
Taps: M3, M4, M5, M6, M8, M10, M12
Drills: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5, 10.2mm



T385 0014

ISO	P													M			K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
T384	●	●	●	●		●	○										○		○		○		○	○	○		○		○																						
T385	●	●	●	●		○											○		○		○		○	○	○		○		○																						
P	Steel	M			Stainless Steel			K			Cast Iron			N			Non-Ferrous Metals			S					Titanium & Super Alloys					H					Hard Materials					●	○	Optimal					Effective				

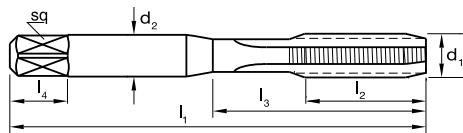
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

ISO Taps Metric, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T386	T901
D0702	D0702
HSS	HSS
BrT	BrT
N	N
-	-
Bottoming	Set
ISO 2 / 6H	ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0200	M2	x 0.4	41	8	-	2.50	2.00	4	3	1.6	T386 0200	\$35.58	T901 0200	\$106.74
0250	M2.5	x 0.45	45	10	-	2.80	2.24	5	3	2.05	T386 0250	\$29.97	T901 0250	\$89.93
0300	M3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T386 0300	\$22.45	T901 0300	\$67.40
0350	M3.5	x 0.6	50	13	17.5	3.55	2.80	5	3	2.9	T386 0350	\$23.51	T901 0350	\$70.52
0400	M4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T386 0400	\$19.48	T901 0400	\$58.41
0450	M4.5	x 0.75	53	13	19	4.50	3.55	6	3	3.7	T386 0450	\$25.38	T901 0450	\$76.15
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T386 0500	\$21.69	T901 0500	\$65.12
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T386 0600	\$22.45	T901 0600	\$67.40
0700	M7	x 1	66	19	26	7.10	5.60	8	4	6.0	T386 0700	\$26.92	T901 0700	\$80.70
0800	M8	x 1.25	72	22	30	8.00	6.30	9	4	6.8	T386 0800	\$23.51	T901 0800	\$70.52
0900	M9	x 1.25	72	22	31	9.00	7.10	10	4	7.8	T386 0900	\$38.52	T901 0900	\$115.53
1000	M10	x 1.5	80	24	34	10.00	8.00	11	4	8.5	T386 1000	\$32.00	T901 1000	\$96.02
1100	M11	x 1.5	85	25	-	8.00	6.30	9	4	9.5	T386 1100	\$48.94	T901 1100	\$146.82
1200	M12	x 1.75	89	29	-	9.00	7.10	10	4	10.2	T386 1200	\$47.40	T901 1200	\$142.18
1400	M14	x 2	95	30	-	11.20	9.00	12	4	12.0	T386 1400	\$59.82	T901 1400	\$179.39
1600	M16	x 2	102	32	-	12.50	10.00	13	4	14.0	T386 1600	\$72.45	T901 1600	\$217.31
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T386 1800	\$112.38	T901 1800	\$337.10
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T386 2000	\$125.02	T901 2000	\$375.05
2200	M22	x 2.5	118	38	-	16.00	12.50	16	4	19.5	T386 2200	\$141.33	T901 2200	\$424.05
2400	M24	x 3	130	45	-	18.00	14.00	18	4	21.0	T386 2400	\$163.07	T901 2400	\$489.25
2700	M27	x 3	135	45	-	20.00	16.00	20	4	24.0	T386 2700	\$250.07	•	
3000	M30	x 3.5	138	48	-	20.00	16.00	20	4	26.5	T386 3000	\$279.08	•	
3300	M33	x 3.5	151	51	-	22.40	18.00	22	4	29.5	T386 3300	\$366.23	•	
3600	M36	x 4	162	57	-	25.00	20.00	24	4	32.0	T386 3600	\$423.98	•	
3900	M39	x 4	170	60	-	28.00	22.40	26	4	35.0	T386 3900	\$507.41	•	
4200	M42	x 4.5	170	60	-	28.00	22.40	26	4	37.5	T386 4200	\$579.88	•	
4500	M45	x 4.5	187	67	-	31.50	25.00	28	4	40.5	T386 4500	\$750.44	•	
4800	M48	x 5	187	67	-	31.50	25.00	28	4	43.0	T386 4800	\$800.94	•	
5200	M52	x 5	200	70	-	35.50	28.00	31	4	47.0	T386 5200	\$985.86	•	

Tap & Drill Sets

SDT1 28 piece set (taper, inter, bott) (Discount Group Z0304)
Taps: M3, M4, M5, M6, M8, M10, M12
Drills: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5, 10.2mm

T901 SDT1 \$626.83



T901 SDT1

ISO	P												M		K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T386	●	●	●	●	●	○											○	○	○	○	○	○	○	○	○	○	○	○	○																				
T901	●	●	●	●	●	○											○	○	○	○	○	○	○	○	○	○	○	○	○																				

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

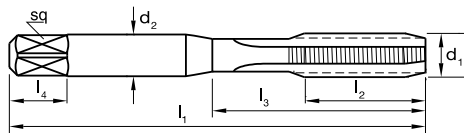
• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time.

ISO Taps Metric, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T387	T388
D0706	D0706
HSS	HSS
TiN	TiN
N	N
Intermediate	Bottoming
ISO 2 / 6H	ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0200	M2	x 0.4	41	8	-	2.50	2.00	4	3	1.6	T387 0200	\$34.66	T388 0200	\$34.66
0250	M2.5	x 0.45	45	10	-	2.80	2.24	5	3	2.05	•		•	
0300	M3	x 0.5	48	11	-	3.15	2.50	5	3	2.5	T387 0300	\$30.29	T388 0300	\$30.29
0350	M3.5	x 0.6	50	13	-	3.55	2.80	5	3	2.9	T387 0350	\$31.09	T388 0350	\$31.09
0400	M4	x 0.7	53	13	-	4.00	3.15	6	3	3.3	T387 0400	\$27.94	T388 0400	\$27.94
0450	M4.5	x 0.75	53	13	19	4.50	3.55	6	3	3.7	•		•	
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T387 0500	\$31.49	T388 0500	\$31.49
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T387 0600	\$34.22	T388 0600	\$34.22
0700	M7	x 1	66	19	26	7.10	5.60	8	4	6.0	•		T388 0700	\$35.49
0800	M8	x 1.25	72	22	30	8.00	6.30	9	4	6.8	T387 0800	\$41.79	T388 0800	\$41.79
0900	M9	x 1.25	72	22	31	9.00	7.10	10	4	7.8	•		•	
1000	M10	x 1.5	80	24	34	10.00	8.00	11	4	8.5	T387 1000	\$60.24	T388 1000	\$60.24
1100	M11	x 1.5	85	25	-	8.00	6.30	9	4	9.5	•		•	
1200	M12	x 1.75	89	29	-	9.00	7.10	10	4	10.2	T387 1200	\$72.03	T388 1200	\$72.03
1400	M14	x 2	95	30	-	11.20	9.00	12	4	12.0	T387 1400	\$93.02	T388 1400	\$93.02
1600	M16	x 2	102	32	-	12.50	10.00	13	4	14.0	T387 1600	\$102.69	T388 1600	\$102.69
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T387 1800	\$145.02	T388 1800	\$145.02
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T387 2000	\$154.65	T388 2000	\$154.65
2200	M22	x 2.5	118	38	-	16.00	12.50	16	4	19.5	•		•	
2400	M24	x 3	130	45	-	18.00	14.00	18	4	21.0	•		•	
2700	M27	x 3	135	45	-	20.00	16.00	20	4	24.0	•		•	
3000	M30	x 3.5	138	48	-	20.00	16.00	20	4	26.5	•		•	
3300	M33	x 3.5	151	51	-	22.40	18.00	22	4	29.5	•		•	
3600	M36	x 4	162	57	-	25.00	20.00	24	4	32.0	•		•	
3900	M39	x 4	170	60	-	28.00	22.40	26	4	35.0	•		•	
4200	M42	x 4.5	170	60	-	28.00	22.40	26	4	37.5	•		•	
4500	M45	x 4.5	187	67	-	31.50	25.00	28	4	40.5	•		•	
4800	M48	x 5	187	67	-	31.50	25.00	28	4	43.0	•		•	
5200	M52	x 5	200	70	-	35.50	28.00	31	4	47.0	•		•	

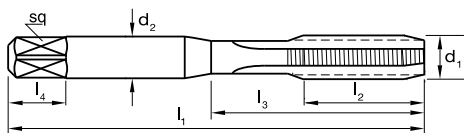
ISO	P													M			K							N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41				
T387	●	●	●	●	○	●	●	○		○		○		○			○		○		○		○	○	○	○	○	○	○	○	○																						
T388	●	●	●	●	○	●	●	○		○		○		○			○		○		○		○	○	○	○	○	○	○	○	○																						

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

suttontools

-



T389	T390
D0702	D0702
HSS	HSS
<i>Brt</i>	<i>Brt</i>
N	N
Left Hand	Left Hand
Taper	Intermediate
ISO 2 / 6H LH	ISO 2 / 6H LH

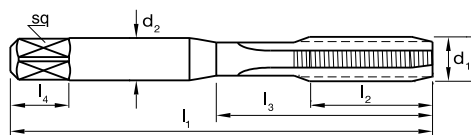
Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0300	M3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T389 0300	\$50.71	T390 0300	\$50.71
0400	M4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T389 0400	\$50.71	T390 0400	\$50.71
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T389 0500	\$50.71	T390 0500	\$50.71
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T389 0600	\$53.68	T390 0600	\$53.68
0800	M8	x 1.25	72	22	30	8.00	6.30	9	4	6.8	T389 0800	\$56.27	T390 0800	\$56.27
1000	M10	x 1.5	80	24	34	10.00	8.00	11	4	8.5	T389 1000	\$68.79	T390 1000	\$68.79
1200	M12	x 1.75	89	29	-	9.00	7.10	10	4	10.2	T389 1200	\$116.05	T390 1200	\$116.05
1400	M14	x 2	95	30	-	11.20	9.00	12	4	12.0	T389 1400	\$103.89	T390 1400	\$103.89
1600	M16	x 2	102	32	-	12.50	10.00	13	4	14.0	T389 1600	\$103.89	T390 1600	\$103.89
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T389 1800	\$122.55	T390 1800	\$122.55
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T389 2000	\$157.75	T390 2000	\$157.75

ISO	P												M		K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T389	●	●	●	●		●	●										○	○	○	○	○		○	○	○		○		○																				
T390	●	●	●	●		○	○											○	○	○	○			○	○	○		○		○																			
P	Steel	M	Stainless Steel		K	Cast Iron		N	Non-Ferrous Metals				S	Titanium & Super Alloys				H	Hard Materials																●	Optimal		○	Effective										

ISO Taps Metric, Straight Flute, N, Left Hand

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

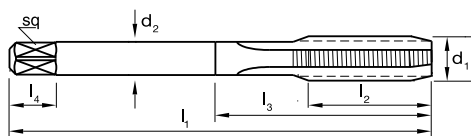


Catalogue Code	T391
Discount Group	D0702
Material	HSS
Surface Finish	Br
Sutton Designation	N
Geometry	Left Hand
Chamfer	Bottoming
Limit & Nut Tolerance	ISO 2 / 6H LH

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
0300	M3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T391 0300	\$50.71
0400	M4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T391 0400	\$50.71
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T391 0500	\$50.71
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T391 0600	\$53.68
0800	M8	x 1.25	72	22	30	8.00	6.30	9	4	6.8	T391 0800	\$56.27
1000	M10	x 1.5	80	24	34	10.00	8.00	11	4	8.5	T391 1000	\$68.79
1200	M12	x 1.75	89	29	-	9.00	7.10	10	4	10.2	T391 1200	\$116.05
1400	M14	x 2	95	30	-	11.20	9.00	12	4	12.0	T391 1400	\$103.89
1600	M16	x 2	102	32	-	12.50	10.00	13	4	14.0	T391 1600	\$103.89
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T391 1800	\$122.55
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T391 2000	\$157.75

ISO Taps Metric, Straight Flute, Oversize

- Oversize allowance to suit components for galvanize plating
- General purpose use, materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx 1 x d₁
- Taper and inter leads available on request



Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
											T392	
1000	M10 +0.4	x 1.5	85	25	-	8.0	6.3	9.0	4	8.9	T392 1000	\$86.36
1200	M12 +0.4	x 1.75	89	29	-	9.0	7.1	10.0	4	10.6	T392 1200	\$103.89
1600	M16 +0.4	x 2	112	37	-	12.5	10.0	13.0	4	14.4	T392 1600	\$122.55
2000	M20 +0.4	x 2.5	118	38	-	16.0	12.5	16.0	4	17.9	T392 2000	\$176.23
2400	M24 +0.45	x 3	130	45	-	18.0	14.0	18.0	4	21.5	T392 2400	\$222.89

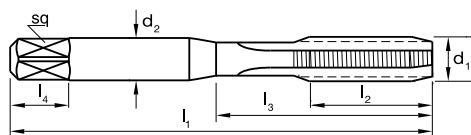
ISO	P													M		K					N										S										H																	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41									
T391	●	●	●	●	●	●	●										○	○	○	○	○	○	○	○	○	○	○	○	○	○																												
T392	●	●	●	●	●	●	○										○	○	○	○	○	○	○	○	○	○	○	○	○	○																												
P	Steel			M	Stainless Steel			K	Cast Iron			N	Non-Ferrous Metals			S	Titanium & Super Alloys			H	Hard Materials												●	Optimal												○	Effective											

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

suttontools

- 



Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0250	M2.5	x 0.45	45	10	-	2.80	2.24	5	3	2.05	T393 0250	\$40.70	T394 0250	\$40.70
0300	M3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T393 0300	\$29.36	T394 0300	\$29.36
0350	M3.5	x 0.6	50	13	17.5	3.55	2.80	5	3	2.9	T393 0350	\$29.36	T394 0350	\$29.36
0400	M4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T393 0400	\$24.37	T394 0400	\$24.37
0500	M5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T393 0500	\$27.22	T394 0500	\$27.22
0600	M6	x 1	66	19	26	6.30	5.00	8	3	5.0	T393 0600	\$27.96	T394 0600	\$27.96
0800	M8	x 1.25	72	22	30	8.00	6.30	9	3	6.8	T393 0800	\$30.12	T394 0800	\$30.12
1000	M10	x 1.5	80	24	34	10.00	8.00	11	3	8.5	T393 1000	\$39.98	T394 1000	\$39.98
1200	M12	x 1.75	89	29	-	9.00	7.10	10	3	10.2	T393 1200	\$66.27	T394 1200	\$66.27
1400	M14	x 2	95	30	-	11.20	9.00	12	3	12.0	T393 1400	\$85.95	T394 1400	\$85.95
1600	M16	x 2	102	32	-	12.50	10.00	13	3	14.0	T393 1600	\$106.55	T394 1600	\$106.55
1800	M18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T393 1800	\$145.06	T394 1800	\$145.06
2000	M20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T393 2000	\$184.91	T394 2000	\$184.91
2200	M22*	x 2.5	118	38	-	16.00	12.50	16	4	19.5	•		T394 2200	\$198.48
2400	M24*	x 3	130	45	-	18.00	14.00	18	4	21.0	•		T394 2400	\$240.84
3000	M30*	x 3.5	138	48	-	20.00	16.00	20	4	26.5	•		T394 3000	\$412.89

ISO	P												M			K				N										S							H												
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T393	●	●	●	○		●	○							○	○	○				○	○	○	○		○	○	○	●	○																		○	○	
T394	●	●	●	○		●	○					○								○	○	○																									○	○	

P Steel

M Stainless Steel

K Cast Iron

N Non-Ferrous Metals

S Titanium & Super Alloys

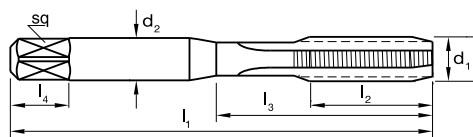
H Hard Materials

● Optimal

○ Effective

suttontools

- 

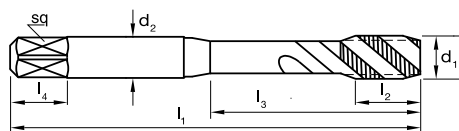


Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
0250	M 2.5	x 0.45	45	10	-	2.80	2.24	5	3	2.05	•	
0300	M 3	x 0.5	48	11	15	3.15	2.50	5	3	2.5	T395 0300	\$32.29
0350	M 3.5	x 0.6	50	13	17.5	3.55	2.80	5	3	2.9	T395 0350	\$32.29
0400	M 4	x 0.7	53	13	18	4.00	3.15	6	3	3.3	T395 0400	\$31.66
0500	M 5	x 0.8	58	16	22	5.00	4.00	7	3	4.2	T395 0500	\$35.72
0600	M 6	x 1	66	19	26	6.30	5.00	8	3	5.0	T395 0600	\$36.31
0800	M 8	x 1.25	72	22	30	8.00	6.30	9	3	6.8	T395 0800	\$46.82
1000	M 10	x 1.5	80	24	34	10.00	8.00	11	3	8.5	T395 1000	\$66.40
1200	M 12	x 1.75	89	29	-	9.00	7.10	10	3	10.2	T395 1200	\$86.57
1400	M 14	x 2	95	30	-	11.20	9.00	12	3	12.0	•	
1600	M 16	x 2	102	32	-	12.50	10.00	13	3	14.0	T395 1600	\$128.76
1800	M 18	x 2.5	112	37	-	14.00	11.20	14	4	15.5	T395 1800	\$169.97
2000	M 20	x 2.5	112	37	-	14.00	11.20	14	4	17.5	T395 2000	\$200.46
2200	M 22*	x 2.5	118	38	-	16.00	12.50	16	4	19.5	•	
2400	M 24*	x 3	130	45	-	18.00	14.00	18	4	21.0	•	
3000	M 30*	x 3.5	138	48	-	20.00	16.00	20	4	26.5	•	

ISO	P														M	K						N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	4
T395	●	●	●	●	○	●	●	○		○		○	○	○	○					○	○	○		○	○	○	○	○	○	○	○	○															○		
P	Steel				M	Stainless Steel				K	Cast Iron				N	Non-Ferrous Metals				S	Titanium & Super Alloys				H	Hard Materials																●	Optimal		○	Effective			

suttontools

- 



Limit & Nut Tolerance											ISO 2768			ISO 2768		
Size Ref.	d ₁	Pitch	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price		
0250	M 2.5	x 0.45	45	5	-	2.80	2.24	5	2	2.05	T397 0250	\$58.69	•			
0300	M 3	x 0.5	48	6	15	3.15	2.50	5	3	2.5	T397 0300	\$38.76	T396 0300	\$38.76		
0350	M 3.5	x 0.6	50	6	17.5	3.55	2.80	5	3	2.9	T397 0350	\$41.55	T396 0350	\$41.55		
0400	M 4	x 0.7	53	7	18	4.00	3.15	6	3	3.3	T397 0400	\$30.12	T396 0400	\$30.12		
0500	M 5	x 0.8	58	8	22	5.00	4.00	7	3	4.2	T397 0500	\$33.65	T396 0500	\$33.65		
0600	M 6	x 1	66	10	26	6.30	5.00	8	3	5.0	T397 0600	\$34.85	T396 0600	\$34.85		
0800	M 8	x 1.25	72	13	30	8.00	6.30	9	3	6.8	T397 0800	\$37.80	T396 0800	\$37.80		
1000	M 10	x 1.5	80	15	34	10.00	8.00	11	3	8.5	T397 1000	\$53.68	T396 1000	\$53.68		
1200	M 12	x 1.75	89	18	-	9.00	7.10	10	3	10.2	T397 1200	\$84.06	T396 1200	\$84.06		
1400	M 14	x 2	95	20	-	11.20	9.00	12	3	12.0	T397 1400	\$107.61	T396 1400	\$107.61		
1600	M 16	x 2	102	20	-	12.50	10.00	13	3	14.0	T397 1600	\$134.23	T396 1600	\$134.23		
1800	M 18	x 2.5	112	25	-	14.00	11.20	14	4	15.5	T397 1800	\$181.26	T396 1800	\$181.26		
2000	M 20	x 2.5	112	25	-	14.00	11.20	14	4	17.5	T397 2000	\$228.34	T396 2000	\$228.34		
2200	M 22*	x 2.5	118	38	-	16.00	12.50	16	4	19.5	T397 2200	\$248.80	•			
2400	M 24*	x 3	130	45	-	18.00	14.00	18	4	21.0	T397 2400	\$288.49	•			
3000	M 30*	x 3.5	138	48	-	20.00	16.00	20	4	26.5	T397 3000	\$249.71	•			

ISO	P												M			K				N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T397	●	●	●	○		●								○	○	○				○	○		○	○	○		●		○																		○		
T396	●	●	●	○		●						○		○	○					○	○																										○		

P Steel

M Stainless Steel

K Cast Iron

N Non-Ferrous Metals

S Titanium & Super Alloys

H Hard Materials

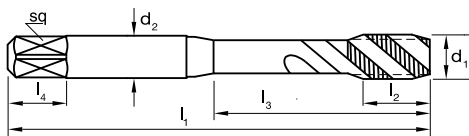
● Optimal

○ Effective

75

suttontools

- 



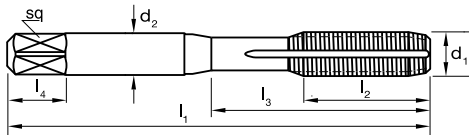
Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
0250	M 2.5	x 0.45	45	5	-	2.80	2.24	5	2	2.05	•	
0300	M 3	x 0.5	48	6	15	3.15	2.50	5	3	2.5	T398 0300	\$39.36
0350	M 3.5	x 0.6	50	6	17.5	3.55	2.80	5	3	2.9	•	
0400	M 4	x 0.7	53	7	18	4.00	3.15	6	3	3.3	T398 0400	\$36.14
0500	M 5	x 0.8	58	8	22	5.00	4.00	7	3	4.2	T398 0500	\$40.64
0600	M 6	x 1	66	10	26	6.30	5.00	8	3	5.0	T398 0600	\$41.59
0800	M 8	x 1.25	72	13	30	8.00	6.30	9	3	6.8	T398 0800	\$52.66
1000	M 10	x 1.5	80	15	34	10.00	8.00	11	3	8.5	T398 1000	\$76.85
1200	M 12	x 1.75	89	18	-	9.00	7.10	10	3	10.2	T398 1200	\$100.09
1400	M 14	x 2	95	20	-	11.20	9.00	12	3	12.0	•	
1600	M 16	x 2	102	20	-	12.50	10.00	13	3	14.0	T398 1600	\$149.88
1800	M 18	x 2.5	112	25	-	14.00	11.20	14	4	15.5	T398 1800	\$197.70
2000	M 20	x 2.5	112	25	-	14.00	11.20	14	4	17.5	T398 2000	\$244.23
2200	M 22*	x 2.5	118	38	-	16.00	12.50	16	4	19.5	•	
2400	M 24*	x 3	130	45	-	18.00	14.00	18	4	21.0	•	
3000	M 30*	x 3.5	138	48	-	20.00	16.00	20	4	26.5	•	

ISO	P													M	K				N										S										H																	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41							
T398	●	●	●	○	●	●	○		○		○		○	○					○	○			○	○	○	○	○		○																		○									
P	Steel													M	Stainless Steel				K	Cast Iron				N	Non-Ferrous Metals										S	Titanium & Super Alloys										H	Hard Materials				●	Optimal		○	Effective	

ISO Taps Metric, Forming, Single Coolant Groove

suttontools

- For cold forming of threads in materials with good flow characteristics
- Through or blind holes
- Depths up to approx. $1.5 \times d_1$
- TiN for longer tool life



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T399	T400
D0702	D0706
HSSE	HSSE
Brt	TiN
N	N
Single Coolant Groove $\geq M3$	Single Coolant Groove $\geq M3$
Short	Short
GH4 / 6H	GH4 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0250	M 2.5	x 0.45	45	10	-	2.80	2.24	5	-	2.3	T399 0250	\$85.77	•	
0300	M 3	x 0.5	48	11	15	3.15	2.50	5	-	2.8	T399 0300	\$73.99	T400 0300	\$79.15
0350	M 3.5	x 0.6	50	13	17.5	3.55	2.80	5	-	3.2	T399 0350	\$71.86	•	
0400	M 4	x 0.7	53	13	18	4.00	3.15	6	-	3.7	T399 0400	\$73.99	T400 0400	\$79.15
0500	M 5	x 0.8	58	16	22	5.00	4.00	7	-	4.6	T399 0500	\$80.40	T400 0500	\$86.00
0600	M 6	x 1	66	19	26	6.30	5.00	8	-	5.5	T399 0600	\$80.40	T400 0600	\$86.00
0800	M 8	x 1.25	72	22	30	8.00	6.30	9	-	7.4	T399 0800	\$85.95	•	
1000	M 10	x 1.5	80	24	34	10.00	8.00	11	-	9.3	T399 1000	\$129.30	•	
1200	M 12	x 1.75	89	29	-	9.00	7.10	10	-	11.2	T399 1200	\$173.41	•	

T637

1005	MF 10	x 1	80	24	34	10.00	8.00	11	-	9.5	T637 1005	\$148.46	•	
1206	MF 12	x 1.25	89	29	-	9.00	7.00	10	-	11.4	T637 1206	\$173.41	•	

ISO	P													M			K							N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41				
T399	●	●	○	○		●																	●	●	●	●		●		○																							
T400	●	●	○	○		●	○								○									●	●	○	○		●		○																						

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

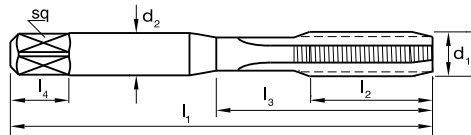
• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time.

ISO Taps Metric Fine, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T401	T402
D0702	D0702
HSS	HSS
Br _t	Br _t
N	N
-	-
Taper	Intermediate
ISO 2 / 6H	ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0503	MF 5	x 0.5	58	16	22	5.0	4.0	7	4	4.5	•		•	
0604	MF 6	x 0.75	66	19	26	6.3	5.0	8	4	5.3	•		•	
0805	MF 8	x 1*	72	22	30	8.0	6.3	9	4	7.0	T401 0805	\$43.55	T402 0805	\$43.55
0804	MF 8	x 0.75	72	22	30	8.0	6.3	9	4	7.3	•		•	
1004	MF 10	x 0.75	80	24	34	10.0	8.0	11	4	9.3	•		•	
1005	MF 10	x 1†	80	24	34	10.0	8.0	11	4	9.0	T401 1005	\$59.90	T402 1005	\$59.90
1006	MF 10	x 1.25*	80	24	34	10.0	8.0	11	4	8.8	T401 1006	\$59.82	T402 1006	\$59.82
1205	MF 12	x 1	89	29	-	9.0	7.1	10	4	11.0	T401 1205	\$86.36	T402 1205	\$86.36
1206	MF 12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T401 1206	\$68.79	T402 1206	\$68.79
1207	MF 12	x 1.5*	89	29	-	9.0	7.1	10	4	10.5	T401 1207	\$68.79	T402 1207	\$68.79
1405	MF 14	x 1	95	30	-	11.2	9.0	12	4	13.0	•		•	
1406	MF 14	x 1.25†	95	30	-	11.2	9.0	12	4	12.8	T401 1406	\$101.51	T402 1406	\$101.51
1407	MF 14	x 1.5*	95	30	-	11.2	9.0	12	4	12.5	T401 1407	\$101.51	T402 1407	\$101.51
1605	MF 16	x 1	102	32	-	12.5	10.0	13	4	15.0	•		•	
1606	MF 16	x 1.25	102	32	-	12.5	10.0	13	4	14.8	•		•	
1607	MF 16	x 1.5*	102	32	-	12.5	10.0	13	4	14.5	T401 1607	\$101.51	T402 1607	\$101.51
1806	MF 18	x 1.25	112	37	-	14.0	11.2	14	4	16.8	•		•	
1807	MF 18	x 1.5*	112	37	-	14.0	11.2	14	4	16.5	T401 1807	\$130.54	T402 1807	\$130.54
2006	MF 20	x 1.25	112	37	-	14.0	11.2	14	4	18.8	•		•	
2007	MF 20	x 1.5**	112	37	-	14.0	11.2	14	4	18.5	T401 2007	\$163.26	T402 2007	\$163.26
2008	MF 20	x 2*	112	37	-	14.0	11.2	14	4	18.0	•		•	
2207	MF 22	x 1.5	118	38	-	16.0	12.5	16	4	20.5	T401 2207	\$195.61	T402 2207	\$195.61
2208	MF 22	x 2	118	38	-	16.0	12.5	16	4	20.0	•		•	
2407	MF 24	x 1.5	130	45	-	18.0	14.0	18	4	22.5	•		•	
2408	MF 24	x 2*	130	45	-	18.0	14.0	18	4	22.0	T401 2408	\$239.38	T402 2408	\$239.38
2507	MF 25	x 1.5**	130	45	-	18.0	14.0	18	4	23.5	T401 2507	\$176.23	T402 2507	\$176.23
2708	MF 27	x 2	135	45	-	20.0	16.0	20	4	25.0	•		•	
3007	MF 30	x 1.5	138	48	-	20.0	16.0	20	4	28.5	T401 3007	\$249.71	T402 3007	\$249.71
3008	MF 30	x 2	138	48	-	20.0	16.0	20	4	28.0	T401 3008	\$249.71	T402 3008	\$249.71
3207	MF 32	x 1.5**	151	51	-	22.4	18.0	22	4	30.5	T401 3207	\$249.71	T402 3207	\$249.71
4007	MF 40	x 1.5**	170	60	-	28.0	22.4	26	4	38.5	T401 4007	\$384.54	T402 4007	\$384.54

Spark Plug

1005	MF 10	x 1†	80	24	34	10.0	8.0	11	4	9.0	T401 1005	\$59.90	T402 1005	\$59.90
1206	MF 12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T401 1206	\$68.79	T402 1206	\$68.79
1406	MF 14	x 1.25†	95	30	-	11.2	9.0	12	4	12.8	T401 1406	\$101.51	T402 1406	\$101.51
1807	MF 18	x 1.5	112	37	-	14.0	11.2	14	4	16.5	T401 1807	\$130.54	T402 1807	\$130.54

ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T401	●	●	●	●		●	○										○	○	○	○	○	○	○	○	○	○	○	○	○	○																			
T402	●	●	●	●		●	○										○	○	○	○	○	○	○	○	○	○	○	○	○	○																			

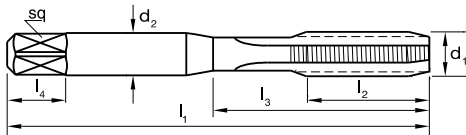
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps Metric Fine, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T403	T902
D0702	D0702
HSS	HSS
Brt	Brt
N	N
Bottoming	Set
ISO 2 / 6H	ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0503	MF5	x 0.5	58	16	22	5.0	4.0	7	4	4.5	T403 0503	\$39.69	•	
0604	MF6	x 0.75	66	19	26	6.3	5.0	8	4	5.3	T403 0604	\$39.69	•	
0805	MF8	x 1*	72	22	30	8.0	6.3	9	4	7.0	T403 0805	\$43.55	T902 0805	\$130.64
0804	MF8	x 0.75	72	22	30	8.0	6.3	9	4	7.3	T403 0804	\$54.33	•	
1004	MF10	x 0.75	80	24	34	10.0	8.0	11	4	9.3	T403 1004	\$73.88	•	
1005	MF10	x 1 [†]	80	24	34	10.0	8.0	11	4	9.0	T403 1005	\$59.90	T902 1005	\$179.71
1006	MF10	x 1.25*	80	24	34	10.0	8.0	11	4	8.8	T403 1006	\$59.82	T902 1006	\$179.39
1205	MF12	x 1	89	29	-	9.0	7.1	10	4	11.0	T403 1205	\$86.36	•	
1206	MF12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T403 1206	\$68.79	T902 1206	\$206.34
1207	MF12	x 1.5*	89	29	-	9.0	7.1	10	4	10.5	T403 1207	\$68.79	T902 1207	\$206.34
1405	MF14	x 1	95	30	-	11.2	9.0	12	4	13.0	T403 1405	\$103.89	•	
1406	MF14	x 1.25 [†]	95	30	-	11.2	9.0	12	4	12.8	T403 1406	\$101.51	T902 1406	\$304.45
1407	MF14	x 1.5*	95	30	-	11.2	9.0	12	4	12.5	T403 1407	\$101.51	T902 1407	\$304.47
1605	MF16	x 1	102	32	-	12.5	10.0	13	4	15.0	T403 1605	\$103.89	•	
1606	MF16	x 1.25	102	32	-	12.5	10.0	13	4	14.8	T403 1606	\$103.89	•	
1607	MF16	x 1.5*	102	32	-	12.5	10.0	13	4	14.5	T403 1607	\$101.51	T902 1607	\$304.47
1806	MF18	x 1.25	112	37	-	14.0	11.2	14	4	16.8	T403 1806	\$122.55	•	
1807	MF18	x 1.5*	112	37	-	14.0	11.2	14	4	16.5	T403 1807	\$130.54	T902 1807	\$391.66
2006	MF20	x 1.25	112	37	-	14.0	11.2	14	4	18.8	T403 2006	\$157.75	•	
2007	MF20	x 1.5**	112	37	-	14.0	11.2	14	4	18.5	T403 2007	\$163.26	T902 2007	\$489.77
2008	MF20	x 2*	112	37	-	14.0	11.2	14	4	18.0	T403 2008	\$157.75	•	
2207	MF22	x 1.5	118	38	-	16.0	12.5	16	4	20.5	T403 2207	\$195.61	T902 2207	\$586.88
2208	MF22	x 2	118	38	-	16.0	12.5	16	4	20.0	T403 2208	\$157.75	•	
2407	MF24	x 1.5	130	45	-	18.0	14.0	18	4	22.5	T403 2407	\$176.23	•	
2408	MF24	x 2*	130	45	-	18.0	14.0	18	4	22.0	T403 2408	\$239.38	T902 2408	\$718.12
2507	MF25	x 1.5**	130	45	-	18.0	14.0	18	4	23.5	T403 2507	\$176.23	•	
2708	MF27	x 2	135	45	-	20.0	16.0	20	4	25.0	T403 2708	\$221.70	•	
3007	MF30	x 1.5	138	48	-	20.0	16.0	20	4	28.5	T403 3007	\$249.71	•	
3008	MF30	x 2	138	48	-	20.0	16.0	20	4	28.0	T403 3008	\$249.71	•	
3207	MF32	x 1.5**	151	51	-	22.4	18.0	22	4	30.5	T403 3207	\$249.71	•	
4007	MF40	x 1.5**	170	60	-	28.0	22.4	26	4	38.5	T403 4007	\$384.54	•	

Spark Plug

1005	MF10	x 1 [†]	80	24	34	10.0	8.0	11	4	9.0	T403 1005	\$59.90	T902 1005	\$179.71
1206	MF12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T403 1206	\$68.79	T902 1206	\$206.34
1406	MF14	x 1.25 [†]	95	30	-	11.2	9.0	12	4	12.8	T403 1406	\$101.51	T902 1406	\$304.45
1807	MF18	x 1.5	112	37	-	14.0	11.2	14	4	16.5	T403 1807	\$130.54	T902 1807	\$391.66

ISO	P													M		K						N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
T403	●	●	●	●	●	○											○	○	○			○	○	○	○	○	○	○	○																						
T902	●	●	●	●	●	○											○	○	○			○	○	○	○	○	○	○	○																						

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps Metric Fine, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T404

T405

D0706

D0706

HSS

HSS

TiN

TiN

N

N

Intermediate

Bottoming

ISO 2 / 6H

ISO 2 / 6H

Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0503	MF 5	x 0.5	58	16	22	5.0	4.0	7	4	4.5	•		•	
0604	MF 6	x 0.75	66	19	26	6.3	5.0	8	4	5.3	•		•	
0804	MF 8	x 0.75	72	22	30	8.0	6.3	9	4	7.3	•		•	
0805	MF 8	x 1*	72	22	30	8.0	6.3	9	4	7.0	T404 0805	\$56.89	T405 0805	\$56.89
1004	MF 10	x 0.75	80	24	34	10.0	8.0	11	4	9.3	•		•	
1005	MF 10	x 1†	80	24	34	10.0	8.0	11	4	9.0	T404 1005	\$81.64	T405 1005	\$81.64
1006	MF 10	x 1.25*	80	24	34	10.0	8.0	11	4	8.8	T404 1006	\$81.64	T405 1006	\$81.64
1205	MF 12	x 1	89	29	-	9.0	7.1	10	4	11.0	•		•	
1206	MF 12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T404 1206	\$88.41	T405 1206	\$88.41
1207	MF 12	x 1.5*	89	29	-	9.0	7.1	10	4	10.5	T404 1207	\$88.41	T405 1207	\$88.41
1405	MF 14	x 1	95	30	-	11.2	9.0	12	4	13.0	•		•	
1406	MF 14	x 1.25†	95	30	-	11.2	9.0	12	4	12.8	T404 1406	\$124.89	T405 1406	\$124.89
1407	MF 14	x 1.5*	95	30	-	11.2	9.0	12	4	12.5	T404 1407	\$124.89	T405 1407	\$124.89
1605	MF 16	x 1	102	32	-	12.5	10.0	13	4	15.0	•		•	
1606	MF 16	x 1.25	102	32	-	12.5	10.0	13	4	14.8	•		•	
1607	MF 16	x 1.5*	102	32	-	12.5	10.0	13	4	14.5	•		T405 1607	\$124.89
1806	MF 18	x 1.25	112	37	-	14.0	11.2	14	4	16.8	•		•	
1807	MF 18	x 1.5*	112	37	-	14.0	11.2	14	4	16.5	•		•	
2006	MF 20	x 1.25	112	37	-	14.0	11.2	14	4	18.8	•		•	
2007	MF 20	x 1.5**	112	37	-	14.0	11.2	14	4	18.5	•		•	
2008	MF 20	x 2*	112	37	-	14.0	11.2	14	4	18.0	•		•	
2207	MF 22	x 1.5	118	38	-	16.0	12.5	16	4	20.5	•		•	
2208	MF 22	x 2	118	38	-	16.0	12.5	16	4	20.0	•		•	
2407	MF 24	x 1.5	130	45	-	18.0	14.0	18	4	22.5	•		•	
2408	MF 24	x 2*	130	45	-	18.0	14.0	18	4	22.0	•		•	
2507	MF 25	x 1.5**	130	45	-	18.0	14.0	18	4	23.5	•		•	
2708	MF 27	x 2	135	45	-	20.0	16.0	20	4	25.0	•		•	
3007	MF 30	x 1.5	138	48	-	20.0	16.0	20	4	28.5	•		•	
3008	MF 30	x 2	138	48	-	20.0	16.0	20	4	28.0	•		•	
3207	MF 32	x 1.5**	151	51	-	22.4	18.0	22	4	30.5	•		•	
4007	MF 40	x 1.5**	170	60	-	28.0	22.4	26	4	38.5	•		•	

Spark Plug

1005	MF 10	x 1†	80	24	34	10.0	8.0	11	4	9.0	T404 1005	\$81.64	T405 1005	\$81.64
1206	MF 12	x 1.25	89	29	-	9.0	7.1	10	4	10.8	T404 1206	\$88.41	T405 1206	\$88.41
1406	MF 14	x 1.25†	95	30	-	11.2	9.0	12	4	12.8	T404 1406	\$124.89	T405 1406	\$124.89

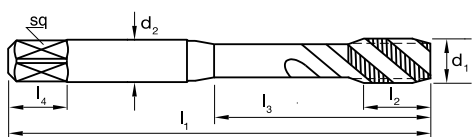
ISO	P													M			K							N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41				
T404	●	●	●	●	○	●	●	○		○		○		○			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
T405	●	●	●	●	○	●	●			○		○		○			○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○			

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

suttontools

- 



T409	T411
D0702	D0706
HSSE	HSSE
<i>Brt</i>	<i>TIN</i>
N	N
-	-
Bottoming	Bottoming
ISO 2 / 6H	ISO 2 / 6H

Limit & Hole Tolerance											ISO 27-01		ISO 27-01	
Size Ref.	d ₁	Pitch	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0503	MF5	x 0.5	58	16	22	5.0	4.0	7	3	4.5	T409 0503	\$68.14	•	
0604	MF6	x 0.75	66	19	26	6.3	5.0	8	3	5.3	T409 0604	\$68.14	•	
0805	MF8	x 1	72	22	30	8.0	6.3	9	3	7.0	T409 0805	\$56.53	T411 0805	\$67.07
1005	MF 10	x 1	80	24	34	10.0	8.0	11	3	9.0	T409 1005	\$74.94	•	
1006	MF 10	x 1.25	80	24	34	10.0	8.0	11	3	8.8	T409 1006	\$81.02	T411 1006	\$97.74
1206	MF 12	x 1.25	89	29	-	9.0	7.1	10	3	10.8	T409 1206	\$86.36	•	
1207	MF 12	x 1.5	89	29	-	9.0	7.1	10	3	10.5	T409 1207	\$127.14	T411 1207	\$136.00
1406	MF 14	x 1.25	95	30	-	11.2	9.0	12	3	12.8	T409 1406	\$103.89	•	
1407	MF 14	x 1.5	95	30	-	11.2	9.0	12	3	12.5	T409 1407	\$103.89	•	
1607	MF 16	x 1.5	102	32	-	12.5	10.0	13	3	14.5	T409 1607	\$103.89	•	
1807	MF 18	x 1.5	112	37	-	14.0	11.2	14	4	16.5	T409 1807	\$122.55	•	
2007	MF 20	x 1.5	112	37	-	14.0	11.2	14	4	18.5	T409 2007	\$157.75	•	
2207	MF 22	x 1.5	118	38	-	16.0	12.5	16	4	20.5	T409 2207	\$157.75	•	

ISO	P												M			K				N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T409	●	●	●	○		●								○	○					○	○		○	○	○			●		○																	○		
T411	●	●	●	○		●	●	○			○		○	○										○	○	○	○	○																				○	

P

Steel

M

Stainless Steel

K

Cast Iron

N

Non-Ferrous Metals

S

Titanium & Super Alloys

H

Hard Materials

●

Optimal

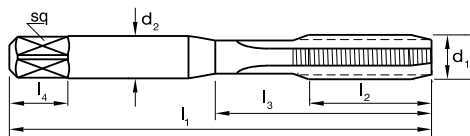
○

Effective

ISO Taps UNC, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T414

T415

D0702

D0702

HSS

HSS

Br_t

Br_t

N

N

-

-

Taper

Intermediate

2B

2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit	Item #	List Price	Item #	List Price
0251	#3	48	45	10	-	2.80	2.24	5	3	GH2	T414 0251	\$54.12	T415 0251	\$54.12
0284	#4	40	48	15	14.5	3.15	2.50	5	3	GH2	T414 0284	\$38.12	T415 0284	\$38.12
0318	#5	40	48	15	15	3.15	2.50	5	3	GH2	T414 0318	\$38.12	T415 0318	\$38.12
0351	#6	32	50	17	17.5	3.55	2.80	5	3	GH3	T414 0351	\$24.92	T415 0351	\$24.92
0417	#8	32	53	13	17	4.50	3.55	6	3	GH3	T414 0417	\$25.38	T415 0417	\$25.38
0476	3/16	24 (UNS)	58	16	22	5.00	4.00	7	3	GH4	T414 0476	\$26.77	T415 0476	\$26.77
0483	#10	24	58	16	22	5.00	4.00	7	3	GH4	T414 0483	\$23.25	T415 0483	\$23.25
0549	#12	24	62	17	23	5.60	4.50	7	3	GH4	T414 0549	\$27.96	T415 0549	\$27.96
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4	T414 0635	\$22.19	T415 0635	\$22.19
0636	1/4*	20	66	19	25	6.30	5.00	8	3	GH3	•		•	
0794	5/16*	18	72	22	30	8.00	6.30	9	4	GH5	•		•	
0795	5/16	18	72	22	30	8.00	6.30	9	4	GH3	T414 0794	\$23.25	T415 0794	\$23.25
0953	3/8	16	80	24	33	10.00	8.00	11	4	GH5	T414 0953	\$32.00	T415 0953	\$32.00
1111	7/16	14	85	25	-	8.00	6.30	9	4	GH3	T414 1111	\$42.47	T415 1111	\$42.47
1270	1/2	13	89	29	-	9.00	7.10	10	4	GH6	T414 1270	\$47.58	T415 1270	\$47.58
1429	9/16	12	95	30	-	11.20	9.00	12	4	GH6	T414 1429	\$68.79	T415 1429	\$68.79
1588	5/8	11	102	32	-	12.50	10.00	13	4	GH6	T414 1588	\$72.45	T415 1588	\$72.45
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7	T414 1905	\$94.34	T415 1905	\$94.34
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7	T414 2223	\$141.33	T415 2223	\$141.33
2540	1	8	130	45	-	18.00	14.00	18	4	GH7	T414 2540	\$170.58	T415 2540	\$170.58
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	GH8	T414 2858	\$279.08	T415 2858	\$279.08
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	GH8	T414 3175	\$311.79	T415 3175	\$311.79
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	GH8	T414 3810	\$464.63	T415 3810	\$464.63

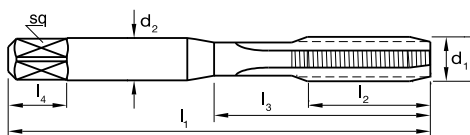
ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T414	●	●	●	●	●	●	○										○		○			○	○	○	○	○	○	○	○	○																			
T415	●	●	●	●	●	○	○										○		○			○	○	○	○	○	○	○	○	○																			
P Steel	M Stainless Steel			K Cast Iron			N Non-Ferrous Metals			S Titanium & Super Alloys										H Hard Materials																				● Optimal	○ Effective								

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

suttontools

- ISO 529    



A close-up photograph of a diamond drill bit, showing its hexagonal shank and the diamond-encrusted cutting edge.



T416	T903
D0702	D0702
HSS	HSS
Brt	Brt
N	N
-	-
Bottoming	Set
2B	2B

Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	Limit	Item #	List Price	Item #	List Price
0251	#3	48	45	10	-	2.80	2.24	5	3	GH2	T416 0251	\$54.12	•	
0284	#4	40	48	15	14.5	3.15	2.50	5	3	GH2	T416 0284	\$38.12	T903 0284	\$114.32
0318	#5	40	48	15	15	3.15	2.50	5	3	GH2	T416 0318	\$38.12	T903 0318	\$114.32
0351	#6	32	50	17	17.5	3.55	2.80	5	3	GH3	T416 0351	\$24.92	T903 0351	\$74.76
0417	#8	32	53	13	17	4.50	3.55	6	3	GH3	T416 0417	\$25.38	T903 0417	\$76.15
0476	3/16	24 (UNS)	58	16	22	5.00	4.00	7	3	GH4	T416 0476	\$26.77	T903 0476	\$80.35
0483	#10	24	58	16	22	5.00	4.00	7	3	GH4	T416 0483	\$23.25	T903 0483	\$69.68
0549	#12	24	62	17	23	5.60	4.50	7	3	GH4	T416 0549	\$27.96	T903 0549	\$83.88
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4	T416 0635	\$22.19	T903 0635	\$66.56
0636	1/4*	20	66	19	25	6.30	5.00	8	3	GH3	T416 0636	\$22.19	•	
0794	5/16*	18	72	22	30	8.00	6.30	9	4	GH5	T416 0794	\$23.25	T903 0794	\$69.68
0795	5/16	18	72	22	30	8.00	6.30	9	4	GH3	T416 0795	\$23.25	•	
0953	3/8	16	80	24	33	10.00	8.00	11	4	GH5	T416 0953	\$32.00	T903 0953	\$96.02
1111	7/16	14	85	25	-	8.00	6.30	9	4	GH3	T416 1111	\$42.47	T903 1111	\$127.42
1270	1/2	13	89	29	-	9.00	7.10	10	4	GH6	T416 1270	\$47.58	T903 1270	\$142.74
1429	9/16	12	95	30	-	11.20	9.00	12	4	GH6	T416 1429	\$68.79	T903 1429	\$206.34
1588	5/8	11	102	32	-	12.50	10.00	13	4	GH6	T416 1588	\$72.45	T903 1588	\$217.31
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7	T416 1905	\$94.34	T903 1905	\$282.95
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7	T416 2223	\$141.33	T903 2223	\$424.05
2540	1	8	130	45	-	18.00	14.00	18	4	GH7	T416 2540	\$170.58	T903 2540	\$511.73
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	GH8	T416 2858	\$279.08	•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	GH8	T416 3175	\$311.79	T903 3175	\$935.36
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	GH8	T416 3810	\$464.63	T903 3810	\$1,393.86

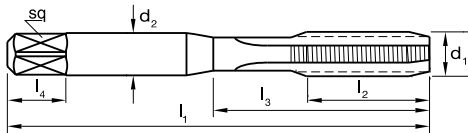
ISO	P												M		K				N							S							H																
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	4
T416	●	●	●	●		●	○										○		○		○		○	○	○		○		○																				
T903	●	●	●	●		●	○																			○	○	○																					
P Steel	M Stainless Steel	K Cast Iron	N Non-Ferrous Metals	S Titanium & Super Alloys	H Hard Materials																																												
																																										● Optimal	○ Effective						

85

ISO Taps UNC, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T417	T418
D0706	D0706
HSS	HSS
TiN	TiN
N	N
-	-
Intermediate	Bottoming
2B	2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit	drill Ø	Item #	List Price	Item #	List Price
0251	#3	48	45	10	-	2.80	2.24	5	3	GH2	2.1	•		•	
0284	#4	40	48	15	14.5	3.15	2.50	5	3	GH2	2.3	•		•	
0318	#5	40	48	15	15	3.15	2.50	5	3	GH2	2.6	•		•	
0351	#6	32	50	17	17.5	3.55	2.80	5	3	GH3	2.8	T417 0351	\$33.98	T418 0351	\$33.98
0417	#8	32	53	13	18	4.50	3.55	6	3	GH3	3.4	T417 0417	\$34.36	T418 0417	\$34.36
0476	3/16	24 (UNS)	58	16	22	5.00	4.00	7	3	GH4	3.7	•		•	
0483	#10	24	58	16	22	5.00	4.00	7	3	GH4	3.8	T417 0483	\$32.70	T418 0483	\$32.70
0549	#12	24	62	17	23	5.60	4.50	7	3	GH4	4.5	•		•	
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4	5.1	T417 0635	\$31.92	T418 0635	\$31.92
0636	1/4*	20	66	19	25	6.30	5.00	8	3	GH3	5.1	•		•	
0794	5/16*	18	72	22	30	8.00	6.30	9	4	GH3	6.6	•		•	
0795	5/16	18	72	22	30	8.00	6.30	9	4	GH5	6.6	T417 0794	\$41.55	T418 0794	\$41.55
0953	3/8	16	80	24	33	10.00	8.00	11	4	GH5	8.0	T417 0953	\$48.23	T418 0953	\$48.23
1111	7/16	14	85	25	-	8.00	6.30	9	4	GH3	9.4	T417 1111	\$68.29	T418 1111	\$68.29
1270	1/2	13	89	29	-	9.00	7.10	10	4	GH6	10.8	T417 1270	\$72.17	T418 1270	\$72.17
1429	9/16	12	95	30	-	11.20	9.00	12	4	GH6	12.2	•		•	
1588	5/8	11	102	32	-	12.50	10.00	13	4	GH6	13.5	T417 1588	\$102.69	T418 1588	\$102.69
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7	16.5	T417 1905	\$131.21	T418 1905	\$131.21
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7	19.5	•		•	
2540	1	8	130	45	-	18.00	14.00	18	4	GH7	22.2	•		•	
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	GH8	25.0	•		•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	GH8	28.0	•		•	
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	GH8	34.0	•		•	

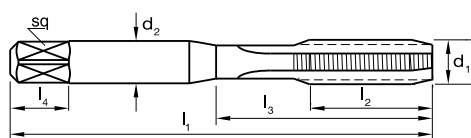
ISO	P													M			K						N										S										H						
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T417	●	●	●	●	●	●	●	○				○		○			○		○		○		○	○	○	○	○	○	○	○																			
T418	●	●	●	●	●	●	○							○			○		○		○		○	○	○	○	○	○	○	○																			
P Steel	M Stainless Steel			K Cast Iron			N Non-Ferrous Metals			S Titanium & Super Alloys										H Hard Materials																				● Optimal	○ Effective								

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

suttontools

-



T419	T420
D0702	D0702
HSS	HSS
<i>Brt</i>	<i>Brt</i>
N	N
Left Hand	Left Hand
Taper	Intermediate
2B LH	2B LH

Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	Limit drill Ø	Item #	List Price	Item #	List Price
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4 5.1	T419 0635	\$69.46	T420 0635	\$69.46
0794	5/16	18	72	22	30	8.00	6.30	9	4	GH5 6.6	T419 0794	\$80.58	T420 0794	\$80.58
0953	3/8	16	80	24	33	10.00	8.00	11	4	GH5 8.0	T419 0953	\$98.77	T420 0953	\$98.77
1111	7/16	14	85	25	-	8.00	6.30	9	4	GH5 9.4	T419 1111	\$143.94	T420 1111	\$143.94
1270	1/2	13	89	29	-	9.00	7.10	10	4	GH6 10.8	T419 1270	\$174.03	T420 1270	\$174.03
1429	9/16	12	95	30	-	11.20	9.00	12	4	GH6 12.2	T419 1429	\$174.03	T420 1429	\$174.03
1588	5/8	11	102	32	-	12.50	10.00	13	4	GH6 13.5	T419 1588	\$201.83	T420 1588	\$201.83
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7 16.5	T419 1905	\$299.59	T420 1905	\$299.59
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7 19.5	•		•	
2540	1	8	130	45	-	18.00	14.00	18	4	GH7 22.2	•		•	
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	GH8 25.0	•		•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	GH8 28.0	•		•	
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	GH8 34.0	•		•	

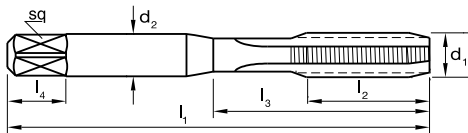
[illegible]

87

ISO Taps UNC, Straight Flute, N, Left Hand

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code	T421
Discount Group	D0702
Material	HSS
Surface Finish	Brt
Sutton Designation	N
Geometry	Left Hand
Chamfer	Bottoming
Nut Tolerance	2B LH

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4 5.1	T421 0635	\$69.46
0794	5/16	18	72	22	30	8.00	6.30	9	4	GH5 6.6	T421 0794	\$80.58
0953	3/8	16	80	24	33	10.00	8.00	11	4	GH5 8.0	T421 0953	\$98.77
1111	7/16	14	85	25	-	8.00	6.30	9	4	GH5 9.4	T421 1111	\$143.94
1270	1/2	13	89	29	-	9.00	7.10	10	4	GH6 10.8	T421 1270	\$174.03
1429	9/16	12	95	30	-	11.20	9.00	12	4	GH6 12.2	T421 1429	\$174.03
1588	5/8	11	102	32	-	12.50	10.00	13	4	GH6 13.5	T421 1588	\$201.83
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7 16.5	T421 1905	\$299.59
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7 19.5	•	
2540	1	8	130	45	-	18.00	14.00	18	4	GH7 22.2	•	
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	GH8 25.0	•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	GH8 28.0	•	
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	GH8 34.0	•	

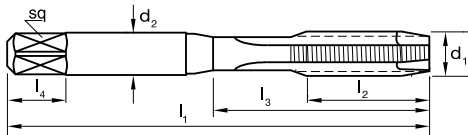
ISO	P													M			K				N										S										H								
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T421	●	●	●	●	●	○											○	○	○	○	○	○	○	○	○	○	○	○	○	○																			
P	Steel													M	Stainless Steel			K	Cast Iron				N	Non-Ferrous Metals										S	Titanium & Super Alloys										H	Hard Materials			
																			</																														

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

suttontools

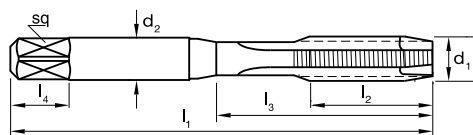
-



ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T422	●	●	●	●		●	●							○	○					○	○			○	○	○	○		●	○																		○	
T423	●	●	●	●		○	○						○	○	○					○	○																											○	
P	Steel	M	Stainless Steel	K	Cast Iron	N	Non-Ferrous Metals	S	Titanium & Super Alloys	H	Hard Materials																																			●	Optimal	○	Effective

suttontools

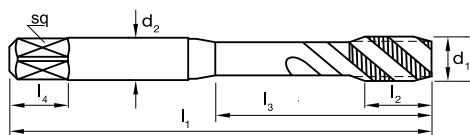
-



Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø		Item #	List Price
0284	#4	40	48	15	14.5	3.15	2.50	5	2	GH2	2.3	•	
0351	#6	32	50	17	17.5	3.55	2.80	5	3	GH3	2.8	T424 0351	\$31.79
0417	#8	32	53	13	18	4.50	3.55	6	3	GH3	3.4	T424 0417	\$39.33
0483	#10	24	58	16	22	5.00	4.00	7	3	GH4	3.8	T424 0483	\$37.12
0549	#12	24	62	17	23	5.60	4.50	7	3	GH4	4.5	•	
0635	1/4	20	66	19	25	6.30	5.00	8	3	GH4	5.1	T424 0635	\$36.31
0794	5/16	18	72	22	30	8.00	6.30	9	3	GH5	6.6	T424 0794	\$46.82
0953	3/8	16	80	24	33	10.00	8.00	11	3	GH5	8.0	T424 0953	\$51.80
1111	7/16	14	85	25	-	8.00	6.30	9	3	GH5	9.4	•	
1270	1/2	13	89	29	-	9.00	7.10	10	3	GH6	10.8	T424 1270	\$86.57
1588	5/8	11	102	32	-	12.50	10.00	13	3	GH6	13.5	T424 1588	\$127.72
1905	3/4	10	112	37	-	14.00	11.20	14	4	GH7	16.5	T424 1905	\$172.70
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7	19.5	•	
2540	1	8	130	45	-	18.00	14.00	18	4	GH7	22.2	•	

suttontools

- 

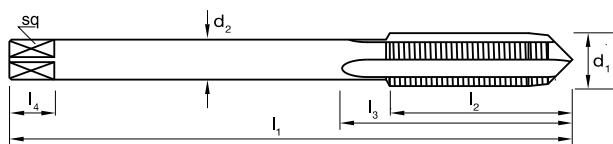


Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø		Item #	List Price
0218	#2	56	41	8	-	2.5	2.0	-	2	GH2	1.85	•	
0284	#4	40	48	6	-	3.15	2.50	5	3	GH2	2.3	•	
0351	#6	32	50	6	-	3.55	2.80	5	3	GH3	2.8	•	
0417	#8	32	53	8	18	4.50	3.55	6	3	GH3	3.4	•	
0483	#10	24	58	11	22	5.00	4.00	7	3	GH4	3.8	T427 0483	\$42.03
0635	1/4	20	66	10	25	6.30	5.00	8	3	GH4	5.1	T427 0635	\$41.59
0794	5/16	18	72	13	30	8.00	6.30	9	3	GH5	6.6	T427 0794	\$52.92
0953	3/8	16	80	16	33	10.00	8.00	11	3	GH5	8.0	T427 0953	\$63.75
1111	7/16	14	85	18	-	8.00	6.30	9	3	GH5	9.4	T427 1111	\$92.32
1270	1/2	13	89	20	-	9.00	7.10	10	3	GH6	10.8	T427 1270	\$100.70
1588	5/8	11	102	20	-	12.50	10.00	13	3	GH6	13.5	T427 1588	\$149.88
1905	3/4	10	112	25	-	14.00	11.20	14	4	GH7	16.5	T427 1905	\$197.70
2223	7/8	9	118	38	-	16.00	12.50	16	4	GH7	19.5	•	
2540	1	8	130	45	-	18.00	14.00	18	4	GH7	22.2	•	

ISO	P													M	K				N										S							H													
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T427	●	●	●	●	●	○	●	○		○		○	○	○					○	○			○	○	○	○	○		○																		○		
P	Steel													M	Stainless Steel				K	Cast Iron				N	Non-Ferrous Metals										S	Titanium & Super Alloys							H	Hard Materials				●	○
																																											●	Optimal	○	Effective			

suttontools

- 



Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø		Item #	List Price
0635	1/4	20	110	38	-	4.5	3.55	6	4	GH4	5.1	T430 0635	\$68.14
0794	5/16	18	125	43	-	6	4.5	7	4	GH5	6.6	T430 0794	\$74.94
0953	3/8	16	140	48	-	7	5.6	8	4	GH5	8.0	T430 0953	\$74.94
1270	1/2	13	180	59	-	9.5	7.5	10	4	GH6	10.8	T430 1270	\$86.36

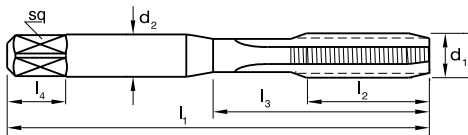
ISO	P													M	K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T430	●	●	●	●	●	○								○			○		○		○		○	○	○		○		○																				
P Steel	M Stainless Steel	K Cast Iron	N Non-Ferrous Metals	S Titanium & Super Alloys	H Hard Materials																																					●	○						

ISO Taps UNF, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

ISO
529



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Nut Tolerance



T431	T432
D0702	D0702
HSS	HSS
Brf	Brf
N	N
-	-
Taper 2B	Intermediate 2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0251	#3	56	45	10	-	2.80	2.24	5	3	2.1	T431 0251	\$54.38	T432 0251	\$54.38
0284	#4	48	48	15	14.5	3.15	2.50	5	3	2.35	T431 0284	\$38.12	T432 0284	\$38.12
0318	#5	44	48	15	15	3.15	2.50	5	3	2.65	T431 0318	\$38.12	T432 0318	\$38.12
0351	#6	40	50	17	17.5	3.55	2.80	5	3	2.9	T431 0351	\$38.12	T432 0351	\$38.12
0417	#8	36	53	13	17	4.50	3.55	6	3	3.5	T431 0417	\$26.15	T432 0417	\$26.15
0476	3/16	32 (UNS)	58	16	22	5.00	4.00	7	3	4.0	T431 0476	\$32.73	T432 0476	\$32.73
0483	#10	32	58	16	22	5.00	4.00	7	3	4.1	T431 0483	\$22.80	T432 0483	\$22.80
0549	#12	28	62	17	23	5.60	4.50	7	3	4.6	T431 0549	\$28.33	T432 0549	\$28.33
0635	1/4	28	66	19	25	6.30	5.00	8	3	5.5	T431 0635	\$21.69	T432 0635	\$21.69
0794	5/16	24	72	22	30	8.00	6.30	9	4	6.9	T431 0794	\$22.95	T432 0794	\$22.95
0953	3/8	24	80	24	33	10.00	8.00	11	4	8.5	T431 0953	\$31.47	T432 0953	\$31.47
1111	7/16	20	85	25	-	8.00	6.30	9	4	9.8	T431 1111	\$42.47	T432 1111	\$42.47
1270	1/2	20	89	29	-	9.00	7.10	10	4	11.5	T431 1270	\$47.86	T432 1270	\$47.86
1429	9/16	18	95	30	-	11.20	9.00	12	4	12.8	T431 1429	\$68.79	T432 1429	\$68.79
1588	5/8	18	102	32	-	12.50	10.00	13	4	14.5	T431 1588	\$70.60	T432 1588	\$70.60
1905	3/4	16	112	37	-	14.00	11.20	14	4	17.5	T431 1905	\$94.15	T432 1905	\$94.15
2223	7/8	14	118	38	-	16.00	12.50	16	4	20.5	T431 2223	\$141.33	T432 2223	\$141.33
2540	1	12	130	45	-	18.00	14.00	18	4	23.5	T431 2540	\$170.25	T432 2540	\$170.25
2541	1	14 (UNS)	130	45	-	18.00	14.00	18	4	24.0	T431 2541	\$244.54	T432 2541	\$244.54
2858	1-1/8	12	138	48	-	20.00	16.00	20	4	26.5	T431 2858	\$279.08	T432 2858	\$279.08
3175	1-1/4	12	151	51	-	22.40	18.00	22	4	29.5	T431 3175	\$311.79	T432 3175	\$311.79
3810	1-1/2	12	170	60	-	28.00	22.40	26	4	36.0	T431 3810	\$464.07	T432 3810	\$464.07

UNF

ISO	P													M		K					N										S										H								
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T431	●	●	●	●		●	○											○	○	○			○	○	○	○	○		○																				
T432	●	●	●	●		○	○											○	○	○			○	○	○	○	○		○																				
P	Steel	M	Stainless Steel		K	Cast Iron		N	Non-Ferrous Metals					S	Titanium & Super Alloys					H	Hard Materials															●	Optimal		○	Effective									

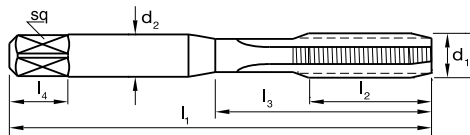
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

ISO Taps UNF, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Nut Tolerance



T433
D0702
HSS
Br
N
-
Bottoming
2B

T904
D0702
HSS
Br
N
-
Set
2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0251	#3	56	45	10	-	2.80	2.24	5	3	2.1	T433 0251	\$54.38	•	
0284	#4	48	48	15	14.5	3.15	2.50	5	3	2.35	T433 0284	\$38.12	T904 0284	\$114.32
0318	#5	44	48	15	15	3.15	2.50	5	3	2.65	T433 0318	\$38.12	T904 0318	\$114.32
0351	#6	40	50	17	17.5	3.55	2.80	5	3	2.9	T433 0351	\$38.12	T904 0351	\$114.32
0417	#8	36	53	13	17	4.50	3.55	6	3	3.5	T433 0417	\$26.15	T904 0417	\$78.43
0476	3/16	32 (UNS)	58	16	22	5.00	4.00	7	3	4.0	T433 0476	\$32.73	T904 0476	\$98.19
0483	#10	32	58	16	22	5.00	4.00	7	3	4.1	T433 0483	\$22.80	T904 0483	\$68.39
0549	#12	28	62	17	23	5.60	4.50	7	3	4.6	T433 0549	\$28.33	T904 0549	\$84.94
0635	1/4	28	66	19	25	6.30	5.00	8	3	5.5	T433 0635	\$21.69	T904 0635	\$65.12
0794	5/16	24	72	22	30	8.00	6.30	9	4	6.9	T433 0794	\$22.95	T904 0794	\$68.79
0953	3/8	24	80	24	33	10.00	8.00	11	4	8.5	T433 0953	\$31.47	T904 0953	\$94.43
1111	7/16	20	85	25	-	8.00	6.30	9	4	9.8	T433 1111	\$42.47	T904 1111	\$127.42
1270	1/2	20	89	29	-	9.00	7.10	10	4	11.5	T433 1270	\$47.86	T904 1270	\$143.60
1429	9/16	18	95	30	-	11.20	9.00	12	4	12.8	T433 1429	\$68.79	T904 1429	\$206.34
1588	5/8	18	102	32	-	12.50	10.00	13	4	14.5	T433 1588	\$70.60	T904 1588	\$211.77
1905	3/4	16	112	37	-	14.00	11.20	14	4	17.5	T433 1905	\$94.15	T904 1905	\$282.43
2223	7/8	14	118	38	-	16.00	12.50	16	4	20.5	T433 2223	\$141.33	T904 2223	\$424.05
2540	1	12	130	45	-	18.00	14.00	18	4	23.5	T433 2540	\$170.25	T904 2540	\$510.76
2541	1	14 (UNS)	130	45	-	18.00	14.00	18	4	24.0	T433 2541	\$244.54	T904 2541	\$733.68
2858	1-1/8	12	138	48	-	20.00	16.00	20	4	26.5	T433 2858	\$279.08	•	
3175	1-1/4	12	151	51	-	22.40	18.00	22	4	29.5	T433 3175	\$311.79	•	
3810	1-1/2	12	170	60	-	28.00	22.40	26	4	36.0	T433 3810	\$464.07	•	

ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T433	●	●	●	●		●	○										○		○				○	○	○	○		○		○																			
T904	●	●	●	●		●	○										○		○				○	○	○	○		○		○																			
P	Steel	M	Stainless Steel	K	Cast Iron	N	Non-Ferrous Metals	S	Titanium & Super Alloys	H	Hard Materials																															● Optimal		○ Effective					

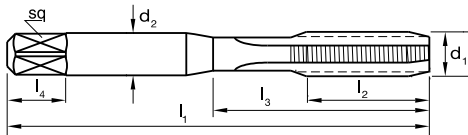
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps UNF, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Nut Tolerance



T434	T435
D0706	D0706
HSS	HSS
TIN	TIN
N	N
-	-
Intermediate	Bottoming
2B	2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price	Item #	List Price
0251	#3	56	45	10	-	2.80	2.24	5	3	GH2 2.1	•		•	
0284	#4	48	48	15	14.5	3.15	2.50	5	3	GH2 2.35	•		•	
0318	#5	44	48	15	15	3.15	2.50	5	3	GH2 2.65	•		•	
0351	#6	40	50	17	17.5	3.55	2.80	5	3	GH2 2.9	•		•	
0417	#8	36	53	13	18	4.50	3.55	6	3	GH2 3.5	•		•	
0476	3/16	32 (UNS)	58	16	22	5.00	4.00	7	3	GH3 4.0	•		•	
0483	#10	32	58	16	22	5.00	4.00	7	3	GH3 4.1	T434 0483	\$32.33	T435 0483	\$32.33
0549	#12	28	62	17	23	5.60	4.50	7	3	GH3 4.6	•		•	
0635	1/4	28	66	19	25	6.30	5.00	8	3	GH3 5.5	T434 0635	\$31.66	T435 0635	\$31.66
0794	5/16	24	72	22	30	8.00	6.30	9	4	GH4 6.9	T434 0794	\$41.35	T435 0794	\$41.35
0953	3/8	24	80	24	33	10.00	8.00	11	4	GH4 8.5	T434 0953	\$47.88	T435 0953	\$47.88
1111	7/16	20	85	25	-	8.00	6.30	9	4	GH5 9.8	T434 1111	\$68.29	T435 1111	\$68.29
1270	1/2	20	89	29	-	9.00	7.10	10	4	GH5 11.5	T434 1270	\$72.42	T435 1270	\$72.42
1429	9/16	18	95	30	-	11.20	9.00	12	4	GH5 12.8	•		•	
1588	5/8	18	102	32	-	12.50	10.00	13	4	GH5 14.5	T434 1588	\$101.28	T435 1588	\$101.28
1905	3/4	16	112	37	-	14.00	11.20	14	4	GH6 17.5	T434 1905	\$131.07	T435 1905	\$131.07
2223	7/8	14	118	38	-	16.00	12.50	16	4	GH6 20.5	•		•	
2540	1	12	130	45	-	18.00	14.00	18	4	GH7 23.5	•		•	
2541	1	14 (UNS)	130	45	-	18.00	14.00	18	4	GH5 24.0	•		•	
2858	1-1/8	12	138	48	-	20.00	16.00	20	4	GH7 26.5	•		•	
3175	1-1/4	12	151	51	-	22.40	18.00	22	4	GH7 29.5	•		•	
3810	1-1/2	12	170	60	-	28.00	22.40	26	4	GH7 36.0	•		•	

UNF

ISO	P													M			K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
T434	●	●	●	●	●	●	○					○		○			○		○			○		○	○	○	○		○	○	○																				
T435	●	●	●	●	●	●	○					○					○		○			○		○	○	○		○	○	○																					
P	Steel			M			Stainless Steel			K			Cast Iron			N			Non-Ferrous Metals			S			Titanium & Super Alloys			H			Hard Materials													●	○	Effective					

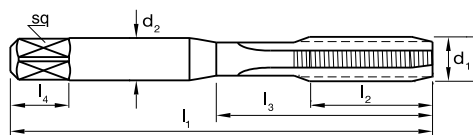
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time.

suttontools

- ISO 529
- 60° UNF



Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	Limit	drill Ø	Item #	List Price	Item #	List Price
0635	1/4	28	66	19	25	6.30	5.00	8	3	GH3	5.5	T436 0635	\$75.78	T437 0635	\$75.78
0794	5/16	24	72	22	30	8.00	6.30	9	4	GH4	6.9	T436 0794	\$80.58	T437 0794	\$80.58
0953	3/8	24	80	24	33	10.00	8.00	11	4	GH4	8.5	T436 0953	\$101.92	T437 0953	\$101.92
1111	7/16	20	85	25	-	8.00	6.30	9	4	GH5	9.8	T436 1111	\$143.94	T437 1111	\$143.94
1270	1/2	20	89	29	-	9.00	7.10	10	4	GH5	11.5	T436 1270	\$174.03	T437 1270	\$174.03
1429	9/16	18	95	30	-	11.20	9.00	12	4	GH5	12.8	T436 1429	\$174.03	T437 1429	\$174.03
1588	5/8	18	102	32	-	12.50	10.00	13	4	GH5	14.5	T436 1588	\$214.68	T437 1588	\$214.68
1905	3/4	16	112	37	-	14.00	11.20	14	4	GH6	17.5	T436 1905	\$305.14	T437 1905	\$305.14

UNF

ISO	P												M		K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	39.1	39.2	40	41	
T436	●	●	●	●		●	○										○		○		○		○	○	○		○		○																				
T437	●	●	●	●		○																		○	○	○		○		○																			

P

Steel

M

Stainless Steel

K

Cast Iron

N

Non-Ferrous Metals

S

Titanium & Super Alloys

H

Hard Materials

●

Optimal

○

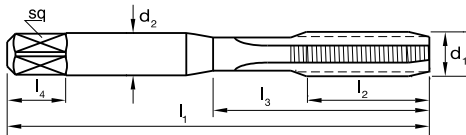
Effective

ISO Taps UNF, Straight Flute, N, Left Hand

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

ISO
529



Catalogue Code **T438**

Discount Group **D0702**

Material **HSS**

Surface Finish **Brf**

Sutton Designation **N**

Geometry **Left Hand**

Chamfer **Bottoming**

Nut Tolerance **2B LH**

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price
0635	1/4	28	66	19	25	6.30	5.00	8	3	GH3 5.5	T438 0635	\$75.78
0794	5/16	24	72	22	30	8.00	6.30	9	4	GH4 6.9	T438 0794	\$80.58
0953	3/8	24	80	24	33	10.00	8.00	11	4	GH4 8.5	T438 0953	\$101.92
1111	7/16	20	85	25	-	8.00	6.30	9	4	GH5 9.8	T438 1111	\$143.94
1270	1/2	20	89	29	-	9.00	7.10	10	4	GH5 11.5	T438 1270	\$174.03
1429	9/16	18	95	30	-	11.20	9.00	12	4	GH5 12.8	T438 1429	\$174.03
1588	5/8	18	102	32	-	12.50	10.00	13	4	GH5 14.5	T438 1588	\$214.68
1905	3/4	16	112	37	-	14.00	11.20	14	4	GH6 17.5	T438 1905	\$305.14

UNF

ISO	P													M	K					N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T438	●	●	●	●	●	○											○		○		○		○	○	○		○		○																					
P	Steel				M	Stainless Steel				K	Cast Iron				N	Non-Ferrous Metals										S	Titanium & Super Alloys										H	Hard Materials												
	● Optimal ○ Effective																																																	

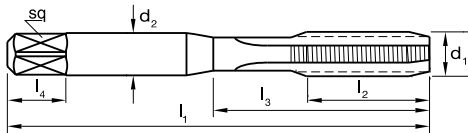
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

ISO Taps UNEF, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Nut Tolerance



T445	T446
D0702	D0702
HSS	HSS
BrT	BrT
N	N
Extra Fine	Extra Fine
Taper	Intermediate
2B	2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price	Item #	List Price	
UNEF Series															
0635	1/4	32	66	19	25	6.30	5.00	8	3	GH3	5.6	T445 0635	\$68.14	T446 0635	\$68.14
0794	5/16	32	72	22	30	8.00	6.30	9	4	GH4	7.2	T445 0794	\$74.94	T446 0794	\$74.94
0953	3/8	32	80	24	33	10.00	8.00	11	4	GH4	8.8	T445 0953	\$74.94	T446 0953	\$74.94
1270	1/2	28	89	29	-	9.00	7.10	10	4	GH5	11.8	T445 1270	\$86.36	T446 1270	\$86.36
1588	5/8	24	102	32	-	12.50	10.00	13	4	GH5	14.75	T445 1588	\$103.89	T446 1588	\$103.89
1905	3/4	20	112	37	-	14.00	11.20	14	4	GH6	18.0	T445 1905	\$122.55	T446 1905	\$122.55
2540	1	20	130	45	-	18.00	14.00	18	4	GH7	24.2	T445 2540	\$176.23	T446 2540	\$176.23

Tyre Valve Tap (UNS)

0533	5V1	36	62	17	23	5.60	4.50	7	3	-	4.6	•	•
------	-----	----	----	----	----	------	------	---	---	---	-----	---	---

Stitching Tap

0655	#1	64	36	-	8.08	6.15	9.5	4	-	5.0	•	•
------	----	----	----	---	------	------	-----	---	---	-----	---	---

ISO	P													M		K					N										S										H								
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T445	●	●	●	●		●	○										○		○		○	20		○	○	○		○		○																			
T446	●	●	●	●		●	○										○		○		○			○	○	○	○		○		○																		

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps UNEF, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code	T447
Discount Group	D0702
Material	HSS
Surface Finish	Brt
Sutton Designation	N
Geometry	Extra Fine
Chamfer	Bottoming
Nut Tolerance	2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price
UNEF Series												
0635	1/4	32	66	19	25	6.30	5.00	8	3	GH3 5.6	T447 0635	\$68.14
0794	5/16	32	72	22	30	8.00	6.30	9	4	GH4 7.2	T447 0794	\$74.94
0953	3/8	32	80	24	33	10.00	8.00	11	4	GH4 8.8	T447 0953	\$74.94
1270	1/2	28	89	29	-	9.00	7.10	10	4	GH5 11.8	T447 1270	\$86.36
1588	5/8	24	102	32	-	12.50	10.00	13	4	GH5 14.75	T447 1588	\$103.89
1905	3/4	20	112	37	-	14.00	11.20	14	4	GH6 18.0	T447 1905	\$122.55
2540	1	20	130	45	-	18.00	14.00	18	4	GH7 24.2	T447 2540	\$176.23

Tyre Valve Tap (UNS)											T489	
0533	5V1	36	62	17	23	5.60	4.50	7	3	- 4.6	T489 0533	\$42.00

Stitching Tap											T490	
0655	#1		64	36	-	8.08	6.15	9.5	4	- 5.0	T490 0655	\$38.99

ISO	P													M		K					N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
T447	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																					
T489	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																					
T490	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																					

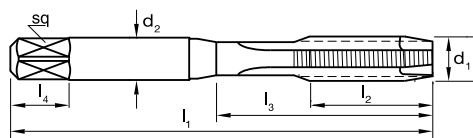
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

UNEF

suttontools

- 



Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	Limit	drill Ø	Item #	List Price	Item #	List Price
0483	#10	32	58	16	22	5.00	4.00	7	3	GH3	4.1	T439 0483	\$29.36	T440 0483	\$29.36
0635	1/4	28	66	19	25	6.30	5.00	8	3	GH3	5.5	T439 0635	\$28.33	T440 0635	\$28.33
0794	5/16	24	72	22	30	8.00	6.30	9	3	GH4	6.9	T439 0794	\$30.53	T440 0794	\$30.53
0953	3/8	24	80	24	33	10.00	8.00	11	3	GH4	8.5	T439 0953	\$41.26	T440 0953	\$41.26
1111	7/16	20	85	25	-	8.00	6.30	9	3	GH5	9.8	T439 1111	\$59.82	T440 1111	\$59.82
1270	1/2	20	89	29	-	9.00	7.10	10	3	GH5	11.5	T439 1270	\$66.27	T440 1270	\$66.27
1588	5/8	18	102	32	-	12.50	10.00	13	3	GH5	12.8	T439 1588	\$105.18	T440 1588	\$105.18
1905	3/4	16	112	37	-	14.00	11.20	14	4	GH6	17.5	T439 1905	\$148.53	T440 1905	\$148.53
2223	7/8	14	118	38	-	16.00	12.50	16	4	GH6	20.5	•		T440 2223	\$198.48
2540	1	12	130	45	-	18.00	14.00	18	4	GH7	23.5	•		T440 2540	\$240.84

ISO	P													M			K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41		
T439	●	●	●	○		●	○							○	○					○	○		○	○	○			●	○																			○			
T440	●	●	●	○		●	○					○		○	○					○	○																													○	

P

Steel

M

Stainless Steel

K

Cast Iron

N

Non-Ferrous Metals

S

Titanium & Super Alloys

H

Hard Materials

●

Optimal

○

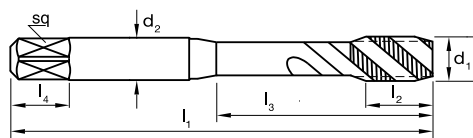
Effective

P Steel **M** Stainless Steel **K** Cast Iron **N** Non-Ferrous Metals **S** Titanium & Super Alloys **H** Hard Materials

● Optimal ○ Effective

suttontools

- ISO 529
- UNF



Size Ref	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	Limit	drill Ø	Item #	List Price	Item #	List Price
0483	#10	32	58	11	22	5.00	4.00	7	3	GH3	4.1	T442 0483	\$35.95	T443 0483	\$42.41
0635	1/4	28	66	10	25	6.30	5.00	8	3	GH3	5.5	T442 0635	\$34.85	T443 0635	\$41.59
0794	5/16	24	72	13	30	8.00	6.30	9	3	GH4	6.9	T442 0794	\$38.12	T443 0794	\$52.92
0953	3/8	24	80	16	33	10.00	8.00	11	3	GH4	8.5	T442 0953	\$52.28	T443 0953	\$63.75
1111	7/16	20	85	18	-	8.00	6.30	9	3	GH5	9.8	T442 1111	\$73.99	•	
1270	1/2	20	89	20	-	9.00	7.10	10	3	GH5	11.5	T442 1270	\$84.84	T443 1270	\$100.70
1588	5/8	18	102	20	-	12.50	10.00	13	3	GH5	12.8	T442 1588	\$134.23	T443 1588	\$149.88
1905	3/4	16	112	25	-	14.00	11.20	14	4	GH6	17.5	T442 1905	\$181.26	T443 1905	\$197.70

UNF

ISO	P													M			K				N										S										H								
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T442	●	●	●	●	●	●								○	○	○			○	○			○	○	○	○	○	●	○	○																	○		
T443	●	●	●	●	●	●	○	○					○						○	○				○	○	○	○	○	○	○																		○	

P

Steel

M

Stainless Steel

K

Cast Iron

N

Non-Ferrous Metals

S

Titanium & Super Alloys

H

Hard Materials

●

Optimal

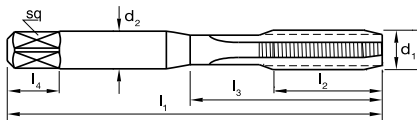
○

Effective

ISO Taps 8UN, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T448
D0702
HSS
Brt
N
Extra Fine
Taper
GH8/2B

T449
D0702
HSS
Brt
N
Extra Fine
Intermediate
GH8/2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
2858	1-1/8	8	138	48	-	20.00	16.00	20	4	25.5	T448 2858	\$222.89	T449 2858	\$222.89
3175	1-1/4	8	151	51	-	22.40	18.00	22	4	28.5	T448 3175	\$249.71	T449 3175	\$249.71
3493	1-3/8	8	162	57	-	25.00	20.00	24	4	31.75	T448 3493	\$295.23	T449 3493	\$295.23
3810	1-1/2	8	170	60	-	28.00	22.40	26	4	35.0	T448 3810	\$340.75	T449 3810	\$340.75
4128	1-5/8	8	170	60	-	28.00	22.40	26	4	38.0	T448 4128	\$406.09	T449 4128	\$406.09
4445	1-3/4	8	187	67	-	31.50	25.00	28	4	41.5	T448 4445	\$471.44	T449 4445	\$471.44
4763	1-7/8	8	187	67	-	31.50	25.00	28	4	44.5	T448 4763	\$568.30	T449 4763	\$568.30
5080	2	8	200	70	-	35.50	28.00	31	4	47.5	T448 5080	\$665.16	T449 5080	\$665.16
6033	2-3/8	8	221	76	-	40.00	31.50	34	6	57.15	•		•	

ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T448	●	●	●	●	●	●	○										○	○	○	○	○	○	○	○	○	○	○	○	○	○																			
T449	●	●	●	●	●	●	○										○	○	○	○	○	○	○	○	○	○	○	○	○	○	○																		
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials ● Optimal○ Effective																																																	

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

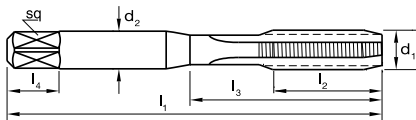
● Optimal ○ Effective

ISO Taps 8UN, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

ISO
529



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T450

D0702

HSS

Br_t

N

Extra Fine

Bottoming

GH8/2B

T910

D0702

HSS

Br_t

N

Extra Fine

Set

GH8/2B

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
2858	1-1/8	8	138	48	-	20.00	16.00	20	4	25.5	T450 2858	\$222.89	T910 2858	\$668.63
3175	1-1/4	8	151	51	-	22.40	18.00	22	4	28.5	T450 3175	\$249.71	T910 3175	\$749.14
3493	1-3/8	8	162	57	-	25.00	20.00	24	4	31.75	T450 3493	\$295.23	T910 3493	\$877.81
3810	1-1/2	8	170	60	-	28.00	22.40	26	4	35.0	T450 3810	\$340.75	T910 3810	\$1,022.29
4128	1-5/8	8	170	60	-	28.00	22.40	26	4	38.0	T450 4128	\$406.09	T910 4128	\$1,381.51
4445	1-3/4	8	187	67	-	31.50	25.00	28	4	41.5	T450 4445	\$471.44	T910 4445	\$1,414.29
4763	1-7/8	8	187	67	-	31.50	25.00	28	4	44.5	T450 4763	\$568.30	T910 4763	\$1,818.01
5080	2	8	200	70	-	35.50	28.00	31	4	47.5	T450 5080	\$665.16	T910 5080	\$1,995.48
6033	2-3/8	8	221	76	-	40.00	31.50	34	6	57.15	•		•	

8UN

ISO	P													M		K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T450	●	●	●	●	●	○											○	○	○			○	○	○	○	○	○	○																						
T910	●	●	●	●	●	○											○	○	○			○	○	○	○	○	○	○	○																					

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

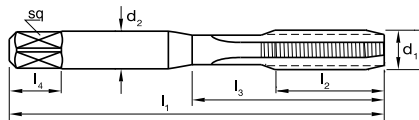
• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time.

ISO Taps BSW, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T451

T452

D0702

D0702

HSS

HSS

Br_t

Br_t

N

N

Taper

Intermediate

Z3 Medium

Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0238	3/32	48(WHIT)	45	10	-	2.80	2.24	5	3	1.85	T451 0238	\$91.00	T452 0238	\$91.00
0318	1/8	40	48	15	15	3.15	2.50	5	3	2.55	T451 0318	\$36.34	T452 0318	\$36.34
0397	5/32	32(WHIT)	53	17	17	4.00	3.15	6	3	3.2	T451 0397	\$36.34	T452 0397	\$36.34
0476	3/16	24	58	16	22	5.00	4.00	7	3	3.7	T451 0476	\$22.95	T452 0476	\$22.95
0556	7/32	24(WHIT)	62	17	23	5.60	4.50	7	3	4.5	T451 0556	\$34.52	T452 0556	\$34.52
0635	1/4	20	66	19	25	6.30	5.00	8	3	5.1	T451 0635	\$23.25	T452 0635	\$23.25
0794	5/16	18	72	22	30	8.00	6.30	9	4	6.5	T451 0794	\$24.37	T452 0794	\$24.37
0953	3/8	16	80	24	33	10.00	8.00	11	4	7.9	T451 0953	\$33.32	T452 0953	\$33.32
1111	7/16	14	85	25	-	8.00	6.30	9	4	9.3	T451 1111	\$44.32	T452 1111	\$44.32
1270	1/2	12	89	29	-	9.00	7.10	10	4	10.5	T451 1270	\$49.64	T452 1270	\$49.64
1429	9/16	12	95	30	-	11.20	9.00	12	4	12.1	T451 1429	\$72.03	T452 1429	\$72.03
1588	5/8	11	102	32	-	12.50	10.00	13	4	13.5	T451 1588	\$75.79	T452 1588	\$75.79
1905	3/4	10	112	37	-	14.00	11.20	14	4	16.25	T451 1905	\$98.57	T452 1905	\$98.57
2223	7/8	9	118	38	-	16.00	12.50	16	4	19.25	T451 2223	\$147.84	T452 2223	\$147.84
2540	1	8	130	45	-	18.00	14.00	18	4	22.0	T451 2540	\$178.24	T452 2540	\$178.24
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	24.75	T451 2858	\$291.89	T452 2858	\$291.89
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	28.0	T451 3175	\$323.44	T452 3175	\$323.44
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	33.5	T451 3810	\$482.99	T452 3810	\$482.99
4445	1-3/4	5	187	67	-	31.50	25.00	28	4	39.0	T451 4445	\$681.70	T452 4445	\$681.70
5080	2	4-1/2	200	70	-	35.50	28.00	31	4	44.5	T451 5080	\$984.29	T452 5080	\$984.29

ISO	P													M		K					N										S										H													
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41					
T451	●	●	●	●	●	●	○	○									○	○	○	○	○	○	○	○	○	○	○	○	○	○																								
T452	●	●	●	●	●	●	○	○									○	○	○	○	○	○	○	○	○	○	○	○	○	○																								
P	Steel			M			Stainless Steel			K			Cast Iron			N			Non-Ferrous Metals			S			Titanium & Super Alloys			H			Hard Materials																		●	Optimal		○	Effective	

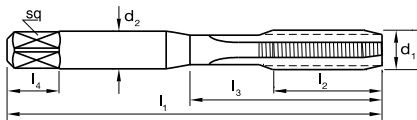
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

ISO Taps BSW, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance

T453	T905
D0702	D0702
HSS	HSS
Br _t	Br _t
N	N
-	-
Bottoming	Set
Z3 Medium	Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0238	3/32	48(WHIT)	45	10	-	2.80	2.24	5	3	1.85	T453 0238	\$91.00	T905 0238	\$272.93
0318	1/8	40	48	15	15	3.15	2.50	5	3	2.55	T453 0318	\$36.34	T905 0318	\$109.05
0397	5/32	32(WHIT)	53	17	17	4.00	3.15	6	3	3.2	T453 0397	\$36.34	T905 0397	\$109.05
0476	3/16	24	58	16	22	5.00	4.00	7	3	3.7	T453 0476	\$22.95	T905 0476	\$68.79
0556	7/32	24(WHIT)	62	17	23	5.60	4.50	7	3	4.5	T453 0556	\$34.52	T905 0556	\$103.56
0635	1/4	20	66	19	25	6.30	5.00	8	3	5.1	T453 0635	\$23.25	T905 0635	\$69.68
0794	5/16	18	72	22	30	8.00	6.30	9	4	6.5	T453 0794	\$24.37	T905 0794	\$73.03
0953	3/8	16	80	24	33	10.00	8.00	11	4	7.9	T453 0953	\$33.32	T905 0953	\$99.92
1111	7/16	14	85	25	-	8.00	6.30	9	4	9.3	T453 1111	\$44.32	T905 1111	\$132.97
1270	1/2	12	89	29	-	9.00	7.10	10	4	10.5	T453 1270	\$49.64	T905 1270	\$148.99
1429	9/16	12	95	30	-	11.20	9.00	12	4	12.1	T453 1429	\$72.03	T905 1429	\$216.08
1588	5/8	11	102	32	-	12.50	10.00	13	4	13.5	T453 1588	\$75.79	T905 1588	\$227.36
1905	3/4	10	112	37	-	14.00	11.20	14	4	16.25	T453 1905	\$98.57	T905 1905	\$295.70
2223	7/8	9	118	38	-	16.00	12.50	16	4	19.25	T453 2223	\$147.84	T905 2223	\$443.51
2540	1	8	130	45	-	18.00	14.00	18	4	22.0	T453 2540	\$178.24	T905 2540	\$534.72
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	24.75	T453 2858	\$291.89	•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	28.0	T453 3175	\$323.44	•	
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	33.5	T453 3810	\$482.99	•	
4445	1-3/4	5	187	67	-	31.50	25.00	28	4	39.0	T453 4445	\$681.70	•	
5080	2	4-1/2	200	70	-	35.50	28.00	31	4	44.5	T453 5080	\$984.29	•	

ISO	P													M		K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T453	●	●	●	●		●	●											○	○	○			○	○	○	○	○		○																					
T905	●	●	●	●		○	○											○	○	○			○	○	○	○	○		○																					
P	Steel			M			Stainless Steel			K			Cast Iron			N			Non-Ferrous Metals			S			Titanium & Super Alloys			H			Hard Materials													●	Optimal		○	Effective		

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

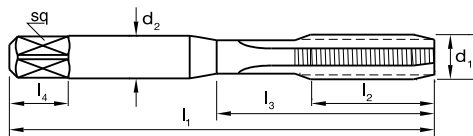
• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time.

ISO Taps BSW, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T454	T455
D0706	D0706
HSS	HSS
TIN	TIN
N	N
Intermediate Z3 Medium	Bottoming Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0238	3/32	48(WHIT)	45	10	-	2.80	2.24	5	3	1.85	•		•	
0318	1/8	40	48	15	15	3.15	2.50	5	3	2.55	T454 0318	\$38.89	T455 0318	\$38.89
0397	5/32	32(WHIT)	53	17	17	4.00	3.15	6	3	3.2	T454 0397	\$42.79	T455 0397	\$42.79
0476	3/16	24	58	16	22	5.00	4.00	7	3	3.7	T454 0476	\$32.48	T455 0476	\$32.48
0556	7/32	24(WHIT)	62	17	23	5.60	4.50	7	3	4.5	•		•	
0635	1/4	20	66	19	25	6.30	5.00	8	3	5.1	T454 0635	\$32.70	T455 0635	\$32.70
0794	5/16	18	72	22	30	8.00	6.30	9	4	6.5	T454 0794	\$42.41	T455 0794	\$42.41
0953	3/8	16	80	24	33	10.00	8.00	11	4	7.9	T454 0953	\$49.26	T455 0953	\$49.26
1111	7/16	14	85	25	-	8.00	6.30	9	4	9.3	T454 1111	\$69.70	T455 1111	\$69.70
1270	1/2	12	89	29	-	9.00	7.10	10	4	10.5	T454 1270	\$73.82	T455 1270	\$73.82
1429	9/16	12	95	30	-	11.20	9.00	12	4	12.1	•		•	
1588	5/8	11	102	32	-	12.50	10.00	13	4	13.5	T454 1588	\$105.26	T455 1588	\$105.26
1905	3/4	10	112	37	-	14.00	11.20	14	4	16.25	T454 1905	\$134.45	T455 1905	\$134.45
2223	7/8	9	118	38	-	16.00	12.50	16	4	19.25	•		•	
2540	1	8	130	45	-	18.00	14.00	18	4	22.0	•		•	
2858	1-1/8	7	138	48	-	20.00	16.00	20	4	24.75	•		•	
3175	1-1/4	7	151	51	-	22.40	18.00	22	4	28.0	•		•	
3810	1-1/2	6	170	60	-	28.00	22.40	26	4	33.5	•		•	
4445	1-3/4	5	187	67	-	31.50	25.00	28	4	39.0	•		•	
5080	2	4-1/2	200	70	-	35.50	28.00	31	4	44.5	•		•	

ISO	P													M	K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T454	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
T455	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps BSW, Straight Flute, N, Left Hand

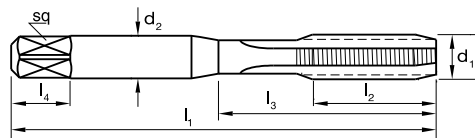
suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

ISO
529



55°
BSW



Catalogue Code **T456**

Discount Group **D0702**

Material **HSS**

Surface Finish **Brt**

Sutton Designation **N**

Geometry **Left Hand**

Chamfer **Bottoming**

Limit & Nut Tolerance **Z3 LH Medium**

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
0635	1/4	20	66	19	25	6.30	5.00	8	3	5.1	T456 0635	\$68.14
0794	5/16	18	72	22	30	8.00	6.30	9	4	6.5	T456 0794	\$74.94
0953	3/8	16	80	24	33	10.00	8.00	11	4	7.9	T456 0953	\$74.94
1111	7/16	14	85	25	-	8.00	6.30	9	4	9.3	T456 1111	\$86.36
1270	1/2	12	89	29	-	9.00	7.10	10	4	10.5	T456 1270	\$86.36
1429	9/16	12	95	30	-	11.20	9.00	12	4	12.1	T456 1429	\$103.89
1588	5/8	11	102	32	-	12.50	10.00	13	4	13.5	T456 1588	\$103.89
1905	3/4	10	112	37	-	14.00	11.20	14	4	16.25	T456 1905	\$122.55

BSW

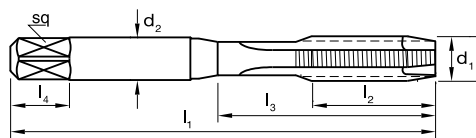
ISO	P													M	K					N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T456	●	●	●	●	●	○											○		○		○		○	○	○		○		○																					
P	Steel				M	Stainless Steel				K	Cast Iron				N	Non-Ferrous Metals										S	Titanium & Super Alloys										H	Hard Materials												
	● Optimal ○ Effective																																																	

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

suttontools

-



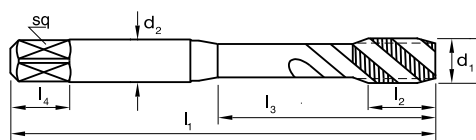
T457	T458
D0702	D0702
HSSE	HSSE
<i>Br</i> t	<i>Bl</i> u
N	N
-	-
Intermediate	Intermediate
Z3 Medium	Z3 Medium

Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price
0318	1/8	40	48	15	15	3.15	2.50	5	3	2.55	T457 0318	\$44.00	T458 0318	\$44.00
0397	5/32	32(WHIT)	53	17	17	4.00	3.15	6	3	3.2	T457 0397	\$42.47	T458 0397	\$42.47
0476	3/16	24	58	16	22	5.00	4.00	7	3	3.7	T457 0476	\$34.85	T458 0476	\$34.85
0635	1/4	20	66	19	25	6.30	5.00	8	3	5.1	T457 0635	\$29.69	T458 0635	\$29.69
0794	5/16	18	72	22	30	8.00	6.30	9	3	6.5	T457 0794	\$31.79	T458 0794	\$31.79
0953	3/8	16	80	24	33	10.00	8.00	11	3	7.9	T457 0953	\$43.28	T458 0953	\$43.28
1111	7/16	14	85	25	-	8.00	6.30	9	3	9.3	T457 1111	\$62.56	T458 1111	\$62.56
1270	1/2	12	89	29	-	9.00	7.10	10	3	10.5	T457 1270	\$69.42	T458 1270	\$69.42
1588	5/8	11	102	32	-	12.50	10.00	13	3	13.5	T457 1588	\$111.87	T458 1588	\$111.87
1905	3/4	10	112	37	-	14.00	11.20	14	4	16.25	T457 1905	\$156.54	T458 1905	\$156.54
2223	7/8	9	118	38	-	16.00	12.50	16	4	19.25	•		T458 2223	\$198.48
2540	1	8	130	45	-	18.00	14.00	18	4	22.0	•		T458 2540	\$240.84

ISO	P													M			K				N										S										H																															
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	39.1	39.2	40	41																								
T457	●	●	●	○		●	○							○	○				○	○	○		○	○	○		●	○																			○																									
T458	●	●	●	○		○	○					○		○	○				○	○	○																											○																								
P Steel																																											M Stainless Steel				K Cast Iron				N Non-Ferrous Metals				S Titanium & Super Alloys										H Hard Materials				● Optimal		○ Effective	

suttontools

- 



T460	T461
D0702	D0702
HSSE	HSSE
<i>Brt</i>	<i>Blu</i>
N	N
-	-
Bottoming	Bottoming
Z3 Medium	Z3 Medium

Size Ref.	Limit & Tolerances										ES-medium		ES-medium	
	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price
0318	1/8	40	48	6	15	3.15	2.50	5	3	2.55	T460 0318	\$42.79	•	
0397	5/32	32(WHIT)	53	7	17	4.00	3.15	6	3	3.2	T460 0397	\$44.32	•	
0476	3/16	24	58	11	22	5.00	4.00	7	3	3.7	T460 0476	\$44.32	•	
0635	1/4	20	66	10	25	6.30	5.00	8	3	5.1	T460 0635	\$36.34	T461 0635	\$36.34
0794	5/16	18	72	13	30	8.00	6.30	9	3	6.5	T460 0794	\$39.76	T461 0794	\$39.76
0953	3/8	16	80	16	33	10.00	8.00	11	3	7.9	T460 0953	\$54.55	T461 0953	\$54.55
1111	7/16	14	85	18	-	8.00	6.30	9	3	9.3	T460 1111	\$77.35	T461 1111	\$77.35
1270	1/2	12	89	20	-	9.00	7.10	10	3	10.5	T460 1270	\$88.71	T461 1270	\$88.71
1588	5/8	11	102	20	-	12.50	10.00	13	3	13.5	T460 1588	\$140.28	T461 1588	\$140.28
1905	3/4	10	112	25	-	14.00	11.20	14	4	16.25	T460 1905	\$174.64	T461 1905	\$174.64
2223	7/8	9	118	28	-	16.00	12.50	16	4	19.25	T460 2223	\$248.80	•	
2540	1	8	130	35	-	18.00	14.00	18	4	22.0	T460 2540	\$288.49	•	

ISO	P													M			K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	39.1	39.2	40	41			
T460	●	●	●	○		●								○	○				○	○			○	○	○			●	○	○																		○			
T461	●	●	●	○		●	○					○		○	○				○	○																														○	

P Steel

M Stainless Steel

K Cast Iron

N Non-Ferrous Metals

S Titanium & Super Alloys

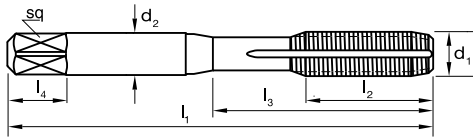
H Hard Materials

● Optimal ○ Effective

ISO Taps BSW, Forming, Single Coolant Groove

suttontools

- For cold forming of threads in materials with good flow characteristics
- Through or blind holes
- Depths up to approx. $1.5 \times d_1$
- TiN for longer tool life



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



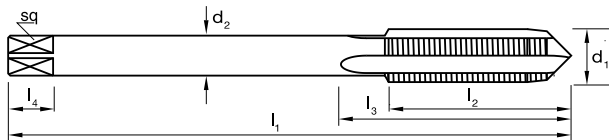
Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price
0318	1/8	40	48	15	15	3.15	2.50	5	-	2.9	T463 0318	\$80.40	•	
0397	5/32	32(WHITE)	53	17	17	4.00	3.15	6	-	3.6	T463 0397	\$80.40	T464 0397	\$86.00
0476	3/16	24	58	16	22	5.00	4.00	7	-	4.3	T463 0476	\$73.99	T464 0476	\$79.15
0635	1/4	20	66	19	25	6.30	5.00	8	-	5.8	T463 0635	\$78.29	•	
0794	5/16	18	72	22	30	8.00	6.30	9	-	7.3	T463 0794	\$85.57	•	
0953	3/8	16	80	24	33	10.00	8.00	11	-	8.8	T463 0953	\$106.55	•	

ISO	P													M		K					N										S										H								
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	4.0	4.1
T463	●	●	●	○		●																	●	●	●	●	●		○																				
T464	●	●	●	○		●	○							○										●	●	○	○		●																				
P	Steel			M	Stainless Steel			K	Cast Iron			N	Non-Ferrous Metals			S	Titanium & Super Alloys			H	Hard Materials																							●	Optimal		○	Effective	

ISO Taps BSW, Machine Nut, Long Shank

suttontools

- Suited to long reach applications
- Suitable for materials up to 1000N/mm²
- Through holes
- Depths up to approx. 2 x d₁



Catalogue Code	T465
Discount Group	D0702
Material	HSS
Surface Finish	Brt
Sutton Designation	Nut
Geometry	-
Chamfer	Bottoming
Limit & Nut Tolerance	Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
0635	1/4	20	110	38	-	4.5	3.55	6	4	5.1	T465 0635	\$68.14
0794	5/16	18	125	43	-	6	4.5	7	4	6.5	T465 0794	\$74.94
0953	3/8	16	140	48	-	7	5.6	8	4	7.9	T465 0953	\$74.94
1270	1/2	12	180	59	-	9.5	7.5	10	4	10.5	T465 1270	\$86.36
1588	5/8	11	200	70	-	12.5	10.0	13	4	13.5	T465 1588	\$103.89
1905	3/4	10	250	76	-	14	11.2	14	4	16.25	T465 1905	\$103.89
2540	1	8	280	95	-	18	14.0	18	4	22.0	T465 2540	\$103.89

BSW

ISO	P													M	K								N										S										H															
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41									
T465	●	●	●	●	●	○								○			○		○		○		○	○	○	○	○	○	○	○																												
P	Steel			M	Stainless Steel			K	Cast Iron			N	Non-Ferrous Metals			S	Titanium & Super Alloys			H	Hard Materials												●	Optimal												○	Effective											

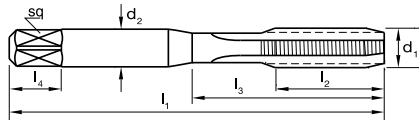
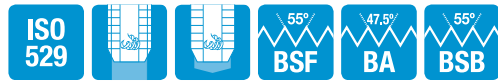
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

ISO Taps BSF, BSB & BA, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T466

T467

D0702

D0702

HSS

HSS

Br_t

Br_t

N

N

Taper

Intermediate

Z3 Medium

Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
BSF														
0476	3/16	32	58	16	22	5.00	4.00	7	3	4.0	T466 0476	\$25.09	T467 0476	\$25.09
0635	1/4	26	66	19	25	6.30	5.00	8	3	5.3	T466 0635	\$28.80	T467 0635	\$28.80
0794	5/16	22	72	22	30	8.00	6.30	9	4	6.8	T466 0794	\$31.19	T467 0794	\$31.19
0953	3/8	20	80	24	33	10.00	8.00	11	4	8.3	T466 0953	\$43.72	T467 0953	\$43.72
1111	7/16	18	85	25	-	8.00	6.30	9	4	9.8	T466 1111	\$52.28	T467 1111	\$52.28
1270	1/2	16	89	29	-	9.00	7.10	10	4	11.0	T466 1270	\$64.50	T467 1270	\$64.50
1429	9/16	16	95	30	-	11.20	9.00	12	4	12.7	T466 1429	\$83.44	T467 1429	\$83.44
1588	5/8	14	102	32	-	12.50	10.00	13	4	14.0	T466 1588	\$83.44	T467 1588	\$83.44
1905	3/4	12	112	37	-	14.00	11.20	14	4	16.75	T466 1905	\$128.86	T467 1905	\$128.86
2223	7/8	11	118	38	-	16.00	12.50	16	4	19.75	T466 2223	\$174.27	T467 2223	\$174.27
2540	1	10	130	45	-	18.00	14.00	18	4	22.75	T466 2540	\$227.76	T467 2540	\$227.76

BSB											T472		T473	
0635	1/4	26(BSF)	66	19	25	6.30	5.00	8	3	5.2	T466 0635	\$28.80	T467 0635	\$28.80
0794	5/16*	26	72	22	30	8.00	6.30	9	4	6.8	T472 0794	\$53.01	T473 0794	\$53.01
0953	3/8*	26	80	24	33	10.00	8.00	11	4	8.4	T472 0953	\$53.01	T473 0953	\$53.01
1111	7/16*	26	85	25	-	8.00	6.30	9	4	10.0	T472 1111	\$79.47	T473 1111	\$79.47
1270	1/2*	26	89	29	-	9.00	7.10	10	4	11.6	T472 1270	\$94.76	T473 1270	\$94.76
1429	9/16*	26	95	30	-	11.20	9.00	12	4	13.2	•	•	•	•
1588	5/8*	26	102	32	-	12.50	10.00	13	4	14.8	•	•	•	•
1905	3/4*	26	112	37	-	14.00	11.20	14	4	18.0	•	•	•	•
2223	7/8*	26	118	38	-	16.00	12.50	16	4	20.8	•	•	•	•
2540	1*	26	130	45	-	18.00	14.00	18	4	24.3	•	•	•	•

BA											T469		T470	
0600	0	1	66	19	26	6.30	5.00	8	3	5.1	T469 0600	\$27.39	T470 0600	\$27.39
0530	1	0.9	62	17	23	5.60	4.50	7	3	4.5	T469 0530	\$28.71	T470 0530	\$28.71
0470	2	0.81	58	16	22	5.00	4.00	7	3	4.0	T469 0470	\$25.49	T470 0470	\$25.49
0410	3	0.73	53	13	18	4.50	3.55	6	3	3.4	T469 0410	\$28.38	T470 0410	\$28.38
0360	4	0.66	50	17	-	3.55	2.80	5	3	3.0	T469 0360	\$25.49	T470 0360	\$25.49
0320	5	0.59	48	15	-	3.15	2.50	5	3	2.65	T469 0320	\$26.50	T470 0320	\$26.50
0280	6	0.53	48	15	-	3.15	2.50	5	3	2.3	T469 0280	\$28.71	T470 0280	\$28.71
0250	7	0.48	45	10	-	2.80	2.24	5	3	2.05	T469 0250	\$43.74	T470 0250	\$43.74
0220	8	0.43	45	10	-	2.80	2.24	5	3	1.8	T469 0220	\$42.04	T470 0220	\$42.04
0190	9	0.39	41	8	-	2.50	2.00	4	3	1.55	T469 0190	\$76.86	T470 0190	\$76.86
0170	10	0.35	41	8	-	2.50	2.00	4	3	1.4	T469 0170	\$80.92	T470 0170	\$80.92

ISO	P													M			K					N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T466 / T467	●	●	●	●		●	○										○		○		○		○	○	○	○	○	○	○																				
T472 / T473	●	●	●	●		●	○										○		○		○		○	○	○	○	○	○	○																				
T469 / T470	●	●	●	●		●	○										○		○		○		○	○	○	○	○	○	○																				

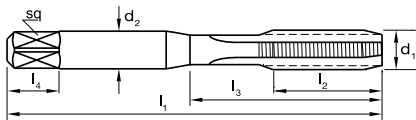
P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

• Optimal ○ Effective

ISO Taps BSF, BSB & BA, Straight Flute, N

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



T468	T906
D0702	D0702
HSS	HSS
Brt	Brt
N	N
-	-
Bottoming	Set
Z3 Medium	Z3 Medium

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
BSF														
0476	3/16	32	58	16	22	5.00	4.00	7	3	4.0	T468 0476	\$25.09	T906 0476	\$75.20
0635	1/4	26	66	19	25	6.30	5.00	8	3	5.3	T468 0635	\$28.80	T906 0635	\$86.21
0794	5/16	22	72	22	30	8.00	6.30	9	4	6.8	T468 0794	\$31.19	T906 0794	\$93.56
0953	3/8	20	80	24	33	10.00	8.00	11	4	8.3	T468 0953	\$43.72	T906 0953	\$131.15
1111	7/16	18	85	25	-	8.00	6.30	9	4	9.8	T468 1111	\$52.28	T906 1111	\$156.80
1270	1/2	16	89	29	-	9.00	7.10	10	4	11.0	T468 1270	\$64.50	T906 1270	\$193.51
1429	9/16	16	95	30	-	11.20	9.00	12	4	12.7	T468 1429	\$83.44	•	
1588	5/8	14	102	32	-	12.50	10.00	13	4	14.0	T468 1588	\$83.44	•	
1905	3/4	12	112	37	-	14.00	11.20	14	4	16.75	T468 1905	\$128.86	•	
2223	7/8	11	118	38	-	16.00	12.50	16	4	19.75	T468 2223	\$174.27	•	
2540	1	10	130	45	-	18.00	14.00	18	4	22.75	T468 2540	\$227.76	•	

BSB											T474	T908		
0635	1/4	26(BSF)	66	19	25	6.30	5.00	8	3	5.2	T468 0635	\$28.80	T906 0635	\$86.21
0794	5/16*	26	72	22	30	8.00	6.30	9	4	6.8	T474 0794	\$53.01	T908 0794	\$159.15
0953	3/8*	26	80	24	33	10.00	8.00	11	4	8.4	T474 0953	\$53.01	T908 0953	\$159.15
1111	7/16*	26	85	25	-	8.00	6.30	9	4	10.0	T474 1111	\$79.47	T908 1111	\$238.46
1270	1/2*	26	89	29	-	9.00	7.10	10	4	11.6	T474 1270	\$94.76	T908 1270	\$284.29
1429	9/16*	26	95	30	-	11.20	9.00	12	4	13.2	T474 1429	\$103.89	•	
1588	5/8*	26	102	32	-	12.50	10.00	13	4	14.8	T474 1588	\$103.89	•	
1905	3/4*	26	112	37	-	14.00	11.20	14	4	18.0	T474 1905	\$122.55	•	
2223	7/8*	26	118	38	-	16.00	12.50	16	4	20.8	T474 2223	\$157.75	•	
2540	1*	26	130	45	-	18.00	14.00	18	4	24.3	T474 2540	\$176.23	•	

BA											T471	T907		
0600	0	1	66	19	26	6.30	5.00	8	3	5.1	T471 0600	\$27.39	•	
0530	1	0.9	62	17	23	5.60	4.50	7	3	4.5	T471 0530	\$28.71	T907 0530	\$86.12
0470	2	0.81	58	16	22	5.00	4.00	7	3	4.0	T471 0470	\$25.49	T907 0470	\$76.36
0410	3	0.73	53	13	18	4.50	3.55	6	3	3.4	T471 0410	\$28.38	T907 0410	\$85.17
0360	4	0.66	50	17	-	3.55	2.80	5	3	3.0	T471 0360	\$25.49	T907 0360	\$76.36
0320	5	0.59	48	15	-	3.15	2.50	5	3	2.65	T471 0320	\$26.50	T907 0320	\$79.29
0280	6	0.53	48	15	-	3.15	2.50	5	3	2.3	T471 0280	\$28.71	T907 0280	\$86.12
0250	7	0.48	45	10	-	2.80	2.24	5	3	2.05	T471 0250	\$43.74	T907 0250	\$131.15
0220	8	0.43	45	10	-	2.80	2.24	5	3	1.8	T471 0220	\$42.04	T907 0220	\$126.24
0190	9	0.39	41	8	-	2.50	2.00	4	3	1.55	T471 0190	\$76.86	T907 0190	\$230.56
0170	10	0.35	41	8	-	2.50	2.00	4	3	1.4	T471 0170	\$80.92	T907 0170	\$242.73

ISO	P													M		K				N										S										H										
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T468 / T906	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																				
T474 / T908	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																				
T471 / T907	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																				

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

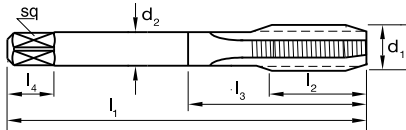
• Optimal ○ Effective

• Available on request as special manufacture. Subject to lead time. * Limit & Nut Tolerance = Z4

BSF

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Depths up to approx. 1 x d₁

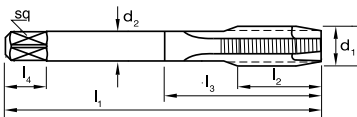


Catalogue Code	T479	T480
Discount Group	D0702	D0702
Material	HSS	HSS
Surface Finish	Brt	Brt
Sutton Designation	N	N
Geometry	-	-
Chamfer	Taper	Intermediate
Limit	Z3	Z3

Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price
0973	1/8	28	59	15	-	8.0	6.3	9	4	8.8	T479 0973	\$38.52	T480 0973	\$38.52
1316	1/4	19	67	19	-	10.0	8.0	11	4	11.8	T479 1316	\$54.38	T480 1316	\$54.38
1666	3/8	19	75	21	-	12.5	10.0	13	4	15.3	T479 1666	\$79.84	T480 1666	\$79.84
2096	1/2	14	87	26	-	16.0	12.5	16	4	19.0	T479 2096	\$112.38	T480 2096	\$112.38
2291	5/8	14	91	26	-	18.0	14.0	18	4	21.0	T479 2291	\$148.53	T480 2291	\$148.53
2644	3/4	14	96	28	-	20.0	16.0	20	4	24.5	T479 2644	\$159.57	T480 2644	\$159.57
3020	7/8	14	102	29	-	22.4	18.0	22	4	28.5	T479 3020	\$228.34	T480 3020	\$228.34
3325	1	11	109	33	-	25.0	20.0	24	4	31.0	T479 3325	\$264.69	T480 3325	\$264.69
4191	1-1/4	11	119	36	-	31.5	25.0	28	4	39.5	T479 4191	\$470.77	T480 4191	\$470.77
4780	1-1/2	11	125	37	-	35.5	28.0	31	4	45.5	T479 4780	\$528.89	T480 4780	\$528.89
5375	1-3/4	11	132	39	-	35.5	28.0	31	6	51.5	T479 5375	\$852.88	T480 5375	\$852.88
5961	2	11	140	41	-	40.0	31.5	34	6	57.5	T479 5961	\$914.04	T480 5961	\$914.04

ISO Taps Pipe, G (BSPF), Spiral Point Gun

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Depths up to approx. 1 x d₁



Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price
											T484	
0973	1/8	28	80	24	33	10	8	11	3	8.8	T484 0973	\$101.29
1316	1/4	19	95	30	-	11.2	9	12	3	11.8	T484 1316	\$72.45
1666	3/8	19	112	37	-	14	11.2	14	4	15.3	T484 1666	\$93.56
2096	1/2	14	118	38	-	16	12.5	16	4	19.0	T484 2096	\$148.53
2644	3/4	14	135	45	-	20	16	20	4	24.5	T484 2644	\$204.68

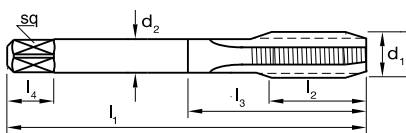
[illegible]

P Steel **M** Stainless Steel **K** Cast Iron **N** Non-Ferrous Metals **S** Titanium & Super Alloys **H** Hard Materials

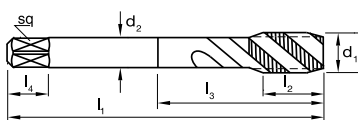
● Optimal ○ Effective

suttontools

-
- ISO 2284
- 55°
- G



Size Ref.	d ₁	TPI	I ₁	I ₂	I ₃	d ₂	sq	I ₄	z	drill Ø	Item #	List Price	Item #	List Price
0973	1/8	28	59	15	-	8.0	6.3	9	4	8.8	T481 0973	\$38.52	T909 0973	\$115.53
1316	1/4	19	67	19	-	10.0	8.0	11	4	11.8	T481 1316	\$54.38	T909 1316	\$163.24
1666	3/8	19	75	21	-	12.5	10.0	13	4	15.3	T481 1666	\$79.84	T909 1666	\$239.47
2096	1/2	14	87	26	-	16.0	12.5	16	4	19.0	T481 2096	\$112.38	T909 2096	\$337.10
2291	5/8	14	91	26	-	18.0	14.0	18	4	21.0	T481 2291	\$148.53	T909 2291	\$445.59
2644	3/4	14	96	28	-	20.0	16.0	20	4	24.5	T481 2644	\$159.57	T909 2644	\$478.73
3020	7/8	14	102	29	-	22.4	18.0	22	4	28.5	T481 3020	\$228.34	•	
3325	1	11	109	33	-	25.0	20.0	24	4	31.0	T481 3325	\$264.69	T909 3325	\$794.07
4191	1-1/4	11	119	36	-	31.5	25.0	28	4	39.5	T481 4191	\$470.77	•	
4780	1-1/2	11	125	37	-	35.5	28.0	31	4	45.5	T481 4780	\$528.89	•	
5375	1-3/4	11	132	39	-	35.5	28.0	31	6	51.5	T481 5375	\$852.88	•	
5961	2	11	140	41	-	40.0	31.5	34	6	57.5	T481 5961	\$914.04	•	



Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price
											T485	
0973	1/8	28	80	24	33	10	8	11	3	8.8	T485 0973	\$86.36
1316	1/4	19	95	30	-	11.2	9	12	3	11.8	T485 1316	\$103.89
1666	3/8	19	112	37	-	14	11.2	14	4	15.3	T485 1666	\$122.55
2096	1/2	14	118	38	-	16	12.5	16	4	19.0	T485 2096	\$157.75
2644	3/4	14	135	45	-	20	16	20	4	24.5	T485 2644	\$176.23

ISO	P													M			K				N							S							H														
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T481	●	●	●	●	●	○											○		○		○		○	○	○	○		○		○																			
T485	●	●	●	○	●									○	○				○		○		○	○	○	○		●																				○	
T909	●	●	●	○	●	○											○		○		○		○	○	○	○		○		○																			

P

Steel

M

Stainless Steel

K

Cast Iron

N

Non-Ferrous Metals

S

Titanium & Super Alloys

H

Hard Materials

●

Optimal

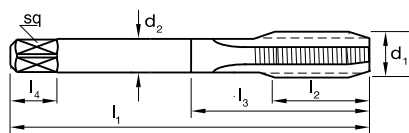
○

Effective

121

suttontools

-
- ISO 2284
- 55° G



Catalogue Code	T482	T483
Discount Group	D0706	D0706
Material	HSS	HSS
Surface Finish	TIN	TIN
Sutton Designation	N	N
Geometry	-	-
Chamfer	Intermediate	Bottoming
Limit	Z3	Z3

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
0973	1/8	28	59	15	-	8.0	6.3	9	4	8.8	T482 0973	\$63.49	T483 0973	\$63.49
1316	1/4	19	67	19	-	10.0	8.0	11	4	11.8	T482 1316	\$74.52	T483 1316	\$74.52
1666	3/8	19	75	21	-	12.5	10.0	13	4	15.3	T482 1666	\$100.43	T483 1666	\$100.43
2096	1/2	14	87	26	-	16.0	12.5	16	4	19.0	T482 2096	\$160.76	T483 2096	\$160.76
2291	5/8	14	91	26	-	18.0	14.0	18	4	21.0	•		T483 2291	\$198.95
2644	3/4	14	96	28	-	20.0	16.0	20	4	24.5	•		T483 2644	\$206.61
3020	7/8	14	102	29	-	22.4	18.0	22	4	28.5	•		•	
3325	1	11	109	33	-	25.0	20.0	24	4	31.0	•		•	
4191	1-1/4	11	119	36	-	31.5	25.0	28	4	39.5	•		•	
4780	1-1/2	11	125	37	-	35.5	28.0	31	4	45.5	•		•	
5375	1-3/4	11	132	39	-	35.5	28.0	31	6	51.5	•		•	
5961	2	11	140	41	-	40.0	31.5	34	6	57.5	•		•	

ISO	P													M			K				N										S										H							
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	39.1	39.2	40	41
T482	●	●	●	●	●	●	●	○		○		○		○				○	○	○	○		○	○	○	○	○	○	○	○	○																	
T483	●	●	●	●	●	●	●	○						○								○	○	○	○	○	○	○	○	○	○																	

P Steel

M Stainless Steel

K Cast Iron

N Non-Ferrous Metals

S Titanium & Super Alloys

H Hard Materials

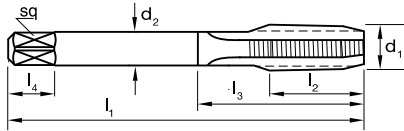
● Optimal

○ Effective

ISO Taps Pipe, Rc (BSPT), Straight Flute

suttontools

- General purpose use
- Suitable for materials up to 1000N/mm²
- Through & blind holes
- Suitable for both hand and machine operations
- Taper pipe reamer recommended prior to tapping Rc (BSPT) thread forms



Catalogue Code
Discount Group
Material
Surface Finish
Sutton Designation
Geometry
Chamfer
Limit & Nut Tolerance



Catalogue Code	T475	T476
Discount Group	D0702	D0706
Material	HSS	HSS
Surface Finish	Brt	TiN
Sutton Designation	N	N
Geometry	-	-
Chamfer	Bottoming To Suit	Bottoming To Suit

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Item #	List Price	Item #	List Price
Rc (BSPT) 1:16 Taper Rate														
0973	1/8	28	59	15	-	8.0	6.3	9	4	8.4	T475 0973	\$87.01	T476 0973	\$98.04
1316	1/4	19	67	19	-	10.0	8.0	11	4	10.8	T475 1316	\$94.15	T476 1316	\$103.55
1666	3/8	19	75	21	-	12.5	10.0	13	4	14.5	T475 1666	\$145.06	T476 1666	\$155.15
2096	1/2	14	87	26	-	16.0	12.5	16	4	18.0	T475 2096	\$163.26	T476 2096	\$196.10
2644	3/4	14	96	28	-	20.0	16.0	20	4	23.0	T475 2644	\$202.98	•	
3325	1	11	109	33	-	25.0	20.0	24	5	29.0	T475 3325	\$290.10	•	
4191	1-1/4	11	119	36	-	31.5	25.0	28	5	38.0	T475 4191	\$467.73	•	
4780	1-1/2	11	125	37	-	35.5	28.0	31	7	44.0	T475 4780	\$617.46	•	
5961	2	11	140	41	-	40.0	31.5	34	7	55.0	T475 5961	\$1,008.74	•	

ISO Taps Pipe, Rp & Pg Series, Straight Flute

- General Purpose use for materials up to approx. 1000 N/mm²
- Through & blind holes
- Suitable for both hand and machine operations

Discount Group: D0702



Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	drill Ø	Nom* OD	Item #	List Price
Rp Series (BSPPL) Sealing Pipe Thread Parallel												T477	
0973	1/8	28	59	15	-	8.0	6.3	9	4	8.6	-	T477 0973	\$45.31
1316	1/4	19	67	19	-	10.0	8.0	11	4	11.5	-	T477 1316	\$55.81
1666	3/8	19	75	21	-	12.5	10.0	13	4	15.0	-	T477 1666	\$69.97
2096	1/2	14	87	26	-	16.0	12.5	16	4	18.5	-	T477 2096	\$94.76
2644	3/4	14	96	28	-	20.0	16.0	20	4	24.0	-	T477 2644	\$129.56
3325	1	11	109	33	-	25.0	20.0	24	4	30.2	-	T477 3325	\$180.46
4191	1-1/4	11	119	36	-	31.5	25.0	28	4	39.0	-	T477 4191	\$340.75
4780	1-1/2	11	125	37	-	35.5	28.0	31	4	45.0	-	T477 4780	\$380.42
5961	2	11	140	41	-	40.0	31.5	34	4	56.4	-	T477 5961	\$732.86

Pg – Steel Conduit (Armour Pipe)												T478	
1250	Pg 7	20	89	29	-	9	7.1	10	4	11.3	12.5	T478 1250	\$103.63
1520	Pg 9	18	102	32	-	12.5	10	12	4	13.9	15.2	T478 1520	\$124.61
1860	Pg 11	18	112	37	-	14	11.2	14	4	17.3	18.6	T478 1860	\$147.04
2040	Pg 13.5	18	118	38	-	16	12.5	16	4	19.1	20.4	T478 2040	\$189.07
2250	Pg 16	18	118	38	-	16	12.5	16	4	21.2	22.5	T478 2250	\$211.46
2830	Pg 21	16	138	48	-	20	16	20	4	26.8	28.3	T478 2830	\$268.39

ISO	P													M		K				N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
T475	●	●	●	●		●	○										○		○		○		○	○	○	○		○		○																			
T476	●	●	●	●		○				○				○			○		○		○		○	○	○	○		○	○																				
T477 / T478	●	●	●	●		○	○										○		○		○		○	○	○	○		○	○																				

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

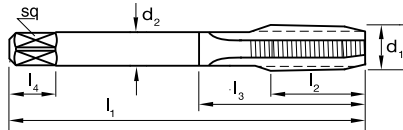
• Available on request as special manufacture. Subject to lead time. *Nominal OD

Rc, Rp, Pg

ISO Taps Pipe, National Series

suttontools

- General purpose use, materials up to approx. 1000 N/mm²
- Suitable for both hand and machine operations
- Taper pipe reamer recommended prior to tapping

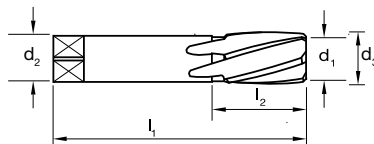


Catalogue Code	T486
Discount Group	D0702
Material	HSS
Surface Finish	Colour Temp
Sutton Designation	N
Geometry	-
Chamfer	Bottoming
Limit & Nut Tolerance	Refer Limit

Size Ref.	d ₁	TPI	l ₁	l ₂	l ₃	d ₂	sq	l ₄	z	Limit drill Ø	Item #	List Price
NPSF (Dryseal Straight)												
1029	1/8	27	54	19	-	11.11	8.33	9.5	4	GH3 8.6	T486 1029	\$52.58
1372	1/4	18	62	27	-	14.29	10.70	11.1	4	GH4 11.3	T486 1372	\$87.01
1715	3/8	18	65	27	-	17.78	13.49	12.7	4	GH4 14.5	T486 1715	\$105.18
2134	1/2	14	79	35	-	17.46	13.08	15.9	4	GH5 18.0	T486 2134	\$159.57
NPT (National Pipe Taper) 15° Chamfer (1:16 Taper Rate)											T487	
1029	1/8	27	54	19	-	11.11	8.33	9.5	4	- 8.2	T487 1029	\$68.15
1372	1/4	18	62	27	-	14.29	10.70	11.1	4	- 10.8	T487 1372	\$96.00
1715	3/8	18	65	27	-	17.78	13.49	12.7	4	- 14.0	T487 1715	\$145.06
2134	1/2	14	79	35	-	17.46	13.08	15.9	4	- 17.5	T487 2134	\$166.65
2667	3/4	14	82	35	-	23.00	17.25	17.5	4	- 23.0	T487 2667	\$206.67
3340	1	11-1/2	95	44.5	-	28.60	21.40	20.6	5	- 28.5	T487 3340	\$298.99
4216	1-1/4	11-1/2	102	44.5	-	33.30	25.00	23.8	5	- 37.0	T487 4216	\$489.08
NPTF (Dryseal Taper) 15° Chamfer (1:16 Taper Rate)											T488	
1029	1/8	27	54	19	-	11.11	8.33	9.5	4	- 8.2	T488 1029	\$83.44
1372	1/4	18	62	27	-	14.29	10.70	11.1	4	- 10.8	T488 1372	\$137.61
1715	3/8	18	65	27	-	17.78	13.49	12.7	4	- 14.0	T488 1715	\$173.96
2134	1/2	14	79	35	-	17.46	13.08	15.9	4	- 17.50	T488 2134	\$199.33

Reamers Taper Pipe (1:16)

- Used prior to tapping
- For Rc (BSPT), NPT & NPTF tapered threads
- Prolongs tap life, especially in tough materials



Discount Group: B0302

Size Ref.	Size	d ₁	l ₁	l ₂	d ₃	d ₂	z	Item #	List Price
0803	1/8	0.316	2-11/32	19/32	0.353	0.315	6	R108 0803	\$82.27
1031	1/4	0.406	2-21/32	25/32	0.453	0.394	6	R108 1031	\$89.75
1372	3/8	0.540	2-31/32	7/8	0.592	0.492	6	R108 1372	\$137.09
1689	1/2	0.665	3-7/16	1-1/32	0.729	0.630	6	R108 1689	\$154.56
2225	3/4	0.876	3-25/32	1-1/8	0.945	0.787	6	R108 2225	\$191.94
2802	1	1.103	4-5/16	1-5/16	1.184	0.984	6	R108 2802	\$274.21
3668	1-1/4	1.444	4-11/16	1-7/16	1.529	1.240	6	R108 3668	\$441.21
4277	1-1/2	1.684	4-15/16	1-15/32	1.775	1.398	8	R108 4277	\$583.27
5484	2	2.159	5-17/32	1-5/8	2.260	1.575	8	R108 5484	\$952.22

ISO	P													M		K					N										S										H									
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41	
T486	●	●	●	●	●	●	○							○			○	○	○	○			○	○	○	○	○	○	○	○																				
T487	●	●	●	●	●	○	○							○			○	○	○	○			○	○	○	○	○	○	○	○	○																			
T488	●	●	●	●	●	●	○							○			○	○	○	○			○	○	○	○	○	○	○	○	○																			
R108	●	●	●	●	○	○	○	○		○		○		○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○																	○		