



THOR HAMMER

Thor

Product Range

2017



Brand Story

Since 1923 Thor have specialised in producing soft faced hammers, soft impact hammers and mallets that provide a non damaging striking solution for any problem where a hand operated tool is required.

Originally buffalo hide (rawhide) was the only material used for 'soft' striking faces, but Thor now manufacture over 300 different types and sizes using a range of materials including copper, brass, aluminium, rubber, hardwood, nylon and a range of plastics.

Their reputation for quality is legendary and is backed up by being approved to ISO9001 since 1992. Some users of Thor products include UK Ministry of Defence, NATO, Governments, Formula One, Automotive, Aerospace, Industrial Engineering, Mining, Marine Engineering, Railways and many more.

Made in England to high quality standards, these soft-faced hammers provide a safer alternative to striking with conventional steel hammers in industrial applications. The resilient faces shape themselves to the part being struck. Acting as shock absorbers, they spread the force of the blow uniformly, minimising inefficient rebound and damage to components.

Soft faced hammers also reduce noise pollution in the workplace. However, use of any striking tool carries with it potential risks and requires care to prevent possible personal injury or damage to the tool and workpiece. Never for example use these soft-faced hammers as a non-sparking tool in hazardous areas.



Disclaimer: Every effort has been made to publish the correct details in this brochure. No responsibility will be taken for errors, omissions or changes in product specifications.

THOR HISTORY

1930

Thor in its present form was fully established in 1935 when one of the Stephens family, Walter R Stephens decided to move the hammer and mallet manufacturing to separate premises in Stratford Road, Sparkbrook, Birmingham

The separation from Stephens Belting meant that Walter could concentrate all his efforts on further developing the company and within a year new products were being designed and launched. One of the most popular items launched around this time was a Copper Rawhide hammer which had an Iron head fitted with a Copper Face at one end and Rawhide Face at the other.

A local car manufacturer was so impressed with the product that they supplied a Copper Rawhide hammer in the toolkit with each car they made. The hammer was used to tighten and loosen the central wheel nuts or 'Spinners' used to secure the wire spoke wheels fitted to most cars at this time. The car company was S S Cars now known as Jaguar and this type of hammer remains our biggest selling range to this very day.

1940

During the war years there was a huge demand from the British government for Thor's product which was used in particular for constructing temporary bridges (Bailey bridges) and for repairing Tanks and other military equipment on or around the battlefield.

Due to the design of the hammers engineers could construct bridges and carry out repairs quickly, safely and most importantly in almost total silence. Engineers from all four corners of the World began to appreciate the benefits of Thor hammers and consequently continued to use the product after the war.

The late 1940's saw the introduction of new materials including plastics and it wasn't long before Thor designed and developed a plastic hammer with faces that once worn, could be replaced by hand. Around this time Thor exhibited at the British Industries Fair, Castle Bromwich, Birmingham. The exhibition attracted visitors from all around the world and export orders for Thor product soon followed.

1950

During 1957 the company moved to its present location in Highlands Road, Shirley on the outskirts of Birmingham. The move gave Thor the potential to continue to expand its manufacturing facilities and since then several new manufacturing bays have been added.

1960

The Thor product range continued to grow at a rapid rate and during the 60's Thorex Nylon range of hammers was introduced.

During the same period Thor began exhibiting at the International Hardware Exhibition in Cologne Germany.

Export orders continued to grow and now accounted for 12.5% of turnover. In 1966 Walter became chairman of the company and his son Michael Stephens was made Managing Director.

1970

The development of the Thor range continued with the introduction of the Thorace Dead Blow range.

1980

Split Head Hammers, Super Plastic Mallets, Solid Copper Mallets and Solid Brass mallets are also introduced.

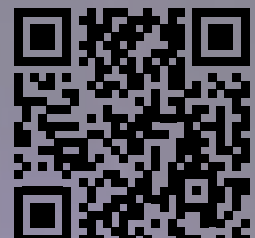
1990

Thor now sell to 50 countries worldwide with export accounting for 30% of turnover. Awarded BS 5750 Quality Assurance accreditation, known today as ISO9001:2008

PRESENT DAY

Thor remains a family owned and run business. They now export to over 80 countries and continue to exhibit at the Cologne Hardware exhibition in Germany.

They still manufacture some of the original hammers and mallets the company started making back in the early 1900's. Whilst most are produced using modern machinery and modern manufacturing techniques some products, in particular hide mallets and faces, are basically produced from the same raw material in the same way using the same techniques the original workers used when the company was founded back in the early 1900's.



RAWHIDE HAMMERS

Malleable Iron head fitted with cylindrical faces of compressed Rawhide. The Malleable Iron head provides the weight for the blow and the Rawhide faces absorb the shock whilst transferring the force to the item being struck without fear of damage. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a general-purpose soft-faced hammer in engineering for assembly, repair and maintenance.



TH16FG

PART NO.	ITEM	DESCRIPTION	SIZE	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH08^	508896	Rawhide Hammer	A	285g	3/4lb	25	Wood	5012936000806
TH10^	508898	Rawhide Hammer	1	590g	1 1/4lb	32	Wood	5012936001001
TH12	508906	Rawhide Hammer	2	800g	1 3/4lb	38	Wood	5012936001209
TH14	508911	Rawhide Hammer	3	1230g	2 3/4lb	44	Wood	5012936001407
TH16	508915	Rawhide Hammer	4	1900g	4 1/4lb	50	Wood	5012936001605
TH22^	508929	Rawhide Hammer	5	3275g	7 1/4lb	70	Wood	5012936002206
TH16FG^	508917	Rawhide Hammer	4	2000g	4 1/2lb	50	Fibreglass	5012936001647

COPPER FACED HAMMERS

Malleable Iron head fitted with cylindrical faces of Copper. The Malleable Iron head and the Copper faces combine to provide the weight for the blow and the Copper faces prevent damage to expensive machined sub components and assemblies. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a general-purpose soft-faced hammer in automotive and general engineering for assembly, repair and maintenance.



TH316FG

PART NO.	ITEM	DESCRIPTION	SIZE	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH308	508934	Copper Hammer	A	425g	1lb	25	Wood	5012936000806
TH310	508936	Copper Hammer	1	830g	2lb	32	Wood	5012936001001
TH312	508938	Copper Hammer	2	1260g	2 3/4lb	38	Wood	5012936001209
TH314	508941	Copper Hammer	3	1940g	4lb	44	Wood	5012936001407
TH316	508943	Copper Hammer	4	2830g	6 1/4lb	50	Wood	5012936001605
TH322	508949	Copper Hammer	5	6000g	13lb	70	Wood	5012936002206
TH316FG	508945	Copper Hammer	4	2930g	7lb	50	Fibreglass	5012936001647

COPPER / RAWHIDE HAMMERS

Malleable Iron head fitted with one Rawhide and one Copper cylindrical face. The Copper face combined with the Malleable Iron head gives a SAFE but high-impact blow, whilst the Hide face gives a firm resilient blow that will not mark the finished work. Ideal where a heavy blow is required combined with a relatively small striking area. Faces are designed to wear and can be replaced. Used as a multi-purpose soft faced hammer in engineering and automotive for assembly, repair and maintenance.



TH216FG

PART NO.	ITEM	DESCRIPTION	SIZE	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH208	508923	Copper/Rawhide Hammer	A	355g	3/4lb	25	Wood	5012936000806
TH210	508924	Copper/Rawhide Hammer	1	710g	1.1/2lb	32	Wood	5012936001001
TH212	508925	Copper/Rawhide Hammer	2	1070g	2.1/2lb	38	Wood	5012936001209
TH214	508926	Copper/Rawhide Hammer	3	1600g	3.1/2lb	44	Wood	5012936001407
TH216	508927	Copper/Rawhide Hammer	4	2830g	5.1/4lb	50	Wood	5012936001605
TH216FG^	508928	Copper/Rawhide Hammer	4	2480g	5.1/2lb	50	Fibreglass	5012936002206



NYLON HAMMERS

Chrome plated Zinc heads with Nylon faces (except 720 and 720FG which have a malleable Iron head). Nylon faces have a shoulder for extra strength and prevent fracture from misdirected blows. Faces are one piece moulded with no metal pegs or inserts to damage the workpiece when worn. Fitted as standard with screw-in White Nylon faces and Plastic, Wood or Fibreglass handle.

Alternative Replacement Faces, colour coded to distinguish hardness are also available as buy-in items. Faces are designed to wear and are replaceable by hand. Used, due to the easily interchangeable heads, as a multi-purpose striking tool in most assembly applications including engineering, furniture, shopfitting, partitioning, double glazing, injection moulding dies etc.

TH712BFX2

Metal Detectable
Screw-in replacement faces
for the Food Industry
Suits TH712



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH708	508971	Nylon Hammer	250g	3/4lb	25	Wood	5012936000806
TH710	508974	Nylon Hammer	445g	1.1/2lb	32	Wood	5012936001001
TH712	508979	Nylon Hammer	650g	2.1/2lb	38	Wood	5012936001209
TH714	508984	Nylon Hammer	850g	3.1/2lb	44	Wood	5012936001407
TH716	508988	Nylon Hammer	1230g	5.1/4lb	50	Wood	5012936001605
TH720	508993	Nylon Hammer	2200g	5.1/2lb	63	Wood	5012936002206
TH720FG [^]	508994	Nylon Hammer	2300g	5.1/4lb	63	Fibreglass	5012936427207

PLASTIC HAMMERS

Plastic Hammer with chrome plated Zinc head and plastic or wood handles according to size. Fitted as standard with two screw-in Orange Plastic faces. Alternative Soft Grey or Hard yellow are available as buy-in items. Product 414 & 416 are only available with Orange Plastic Faces. Faces are one piece moulded with no metal pegs or inserts to damage the workpiece when worn. Faces are designed to wear and are replaceable by hand. Used, due to the easily interchangeable heads, as a multi-purpose striking tool in most assembly applications including engineering, furniture, shopfitting, partitioning, double glazing, injection moulding dies etc.



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH406	508953	Thorex Plastic Hammer	150g	1/3lb	19	Wood	5012936040604
TH408	508955	Thorex Plastic Hammer	250g	1/2lb	25	Wood	5012936040802
TH410	508957	Thorex Plastic Hammer	450g	1lb	32	Plastic	5012936141004
TH412	508959	Thorex Plastic Hammer	675g	1 1/2lb	38	Plastic	5012936141202
TH414	508961	Thorex Plastic Hammer	900g	2lb	44	Plastic	5012936141400
TH416	508963	Thorex Plastic Hammer	1250g	2 3/4lb	50	Plastic	5012936141608

DEAD-BLOW HAMMERS

THE IDEAL HAMMER FOR SUSTAINED AND EFFECTIVE BLOWS WITHOUT RECOIL

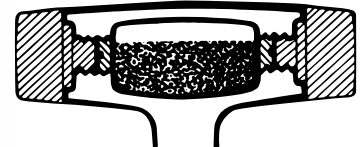
Coated Die-cast aluminium alloy head with rubber grip, fitted with screw-in white nylon faces, or for certain specialist applications, tough brown Polyurethane faces are also available. A cavity inside the head is partially filled with steel shot which adds to the weight, prevents rebound and delivers "dead" blows of maximum impact. All faces are one piece moulded. No metal pegs or inserts to damage the workpiece when worn. Serrations in the metal head prevent faces coming loose during use. Faces have a shoulder for extra strength and to prevent fracture from misdirected blows. The faces are designed to wear and are easily replaceable by hand. Commonly used in most assembly / fitting applications including engineering, toolmaking, shop fitting, partitioning, glazing etc

TH712BFX2

Metal Detectable
Screw-in replacement faces
for the Food Industry
Suits TH212N



The Ideal Hammer
For Sustained And
Effective Blows
Without Recoil



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH1212N	508908	Dead-Blow Hammer	700g	1 1/2lb	38	Aluminium	5012936121211
TH1414N	508912	Dead-Blow Hammer	900g	2lb	44	Aluminium	5012936141417
TH1616N	508916	Dead-Blow Hammer	1150g	2 3/4lb	50	Aluminium	5012936161613
TH2020N	508921	Dead-Blow Hammer	1850g	4lb	63	Aluminium	5012936202019

SOLID COPPER MALLET / SLEDGES - FIBREGLASS HANDLE

Manufactured from 99.9% Pure Extruded Electrolytic Copper rod. The Cylindrical Copper heads provide a firm positive blow without the risk of damage to expensive components. These larger sizes only available with Fibreglass (FG) handles. Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive and shipping industries. Also used by bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, mining etc.



PART NO.	ITEM	DESCRIPTION	WEIGHT Kg	WEIGHT lb	HANDLE	BARCODE
TH711FG^	508978	Solid Copper Mallet 70mm x 146mm	5.2	11 1/2lb	Fibreglass	5012936571153
TH715FG^	508987	Solid Copper Mallet 70mm x 197mm	7.5	16 1/2lb	Fibreglass	5012936571559
TH717FG^	508991	Solid Copper Mallet 70mm x 225mm	8.5	18 3/4lb	Fibreglass	5012936571757

SOLID COPPER MALLET - PLASTIC HANDLE

Manufactured from 99.9% Pure Extruded Electrolytic Copper rod. The Cylindrical Copper heads provide a firm positive blow without the risk of damage to expensive components. Fitted with a Plastic handle. Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive and shipping industries. Also used by tool and gauge makers and for bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, etc.



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	FACE mm	HANDLE	BARCODE
TH704	508968	Solid Copper Mallet	950	2lb	38	Plastic	5012936570415
TH705^	508969	Solid Copper Mallet	1330	3lb	44	Plastic	5012936570514
TH706	508970	Solid Copper Mallet	1780	4lb	50	Plastic	5012936570613

RAWHIDE MALLET

Cylindrical compressed Rawhide head provides a large striking surface with relatively light head weight. Manufactured from genuine Water-Buffalo hide tightly coiled, pressed three times under powerful hydraulic presses and seasoned for many months. These carefully controlled processes ensure dependable rawhide mallets of uniform quality and maximum durability. Used in sheet metal forming, jewellery industry and assembling steel rule dies in cutter plattens.



PART NO.	ITEM	DESCRIPTION	SIZE	WEIGHT g	WEIGHT lb/oz	FACE mm	HANDLE	BARCODE
TH108^	508900	Rawhide Mallet	0	90	2oz	25	Wood	5012936010805
TH110^	508902	Rawhide Mallet	1	130	4oz	32	Wood	5012936011000
TH112^	508903	Rawhide Mallet	2	190	6oz	38	Wood	5012936011208
TH114^	508904	Rawhide Mallet	3	250	1/2lb	44	Wood	5012936011406
TH116^	508905	Rawhide Mallet	4	340	3/4lb	50	Wood	5012936011604
TH120^	508907	Rawhide Mallet	5	570	1 1/4lb	63	Wood	5012936012007

RUBBER MALLET - BLACK

One-piece rubber head with self locking handle. The black rubber head enables a gentle but firm blow with little rebound. Used as a general-purpose mallet in automotive, industrial, brewery, DIY, camping etc. A softer black head is available from THOR but not stocked locally. Rubber mallets come with either wood or fibreglass (FG) handles.



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	HANDLE	BARCODE
TH952	508997	Black Rubber Mallet	310	3/4lb	Wood	5012936095208
TH953	509001	Black Rubber Mallet	550	1 1/4lb	Wood	5012936095307
TH954	509005	Black Rubber Mallet	800	1 3/4lb	Wood	5012936095406
TH957	509009	Black Rubber Mallet	1200	2 3/4lb	Wood	5012936095703
TH952FG	508998	Black Rubber Mallet	380	3/4lb	Fibreglass	5012936595203
TH953FG	509002	Black Rubber Mallet	640	1 1/2lb	Fibreglass	5012936595302
TH954FG	509006	Black Rubber Mallet	900	2lb	Fibreglass	5012936595401
TH957FG	509010	Black Rubber Mallet	1300	3lb	Fibreglass	5012936595708

RUBBER MALLET - WHITE

One-piece rubber head with self locking handle. The white rubber head enables a gentle but firm blow with little rebound. The white head will not leave marks on work surfaces and is ideal for woodworking, builders, window frame manufacturers, shopfitting, car trim fitting, DIY etc. Rubber mallets come with either wood or fibreglass (FG) handles.



PART NO.	ITEM	DESCRIPTION	WEIGHT g	WEIGHT lb	HANDLE	BARCODE
TH952W	508999	Black Rubber Mallet	375	3/4lb	Wood	5012936095291
TH953W	509003	Black Rubber Mallet	675	1 1/2lb	Wood	5012936095390
TH954W	509007	Black Rubber Mallet	970	2lb	Wood	5012936095499
TH957W	509011	Black Rubber Mallet	1450	3lb	Wood	5012936095796
TH952WFG	509000	White Rubber Mallet	445	1lb	Fibreglass	5012936595296
TH953WFG	509004	White Rubber Mallet	765	1 3/4lb	Fibreglass	5012936595395
TH954WFG	509008	White Rubber Mallet	1070	2 1/4lb	Fibreglass	5012936595494
TH957WFG	509012	White Rubber Mallet	1550	3 1/4lb	Fibreglass	5012936595791

METAL DETECTABLE SCREW-IN REPLACEMENT FACES FOR THE FOOD INDUSTRY



Specifically designed for use within the food industry these Blue Nylon Screw-in Faces are not only highly visible but also Metal Detectable*

Designed to suit our TH712 Hammers and our TH1212N Dead-Blow Hammers; the faces have a diameter of 38mm (1.1/2 inch) and can be easily replaced by hand.

Faces should be inspected and changed on a regular basis.

*Detectability may vary depending upon equipment and equipment settings. It is recommended that trials are carried out before use.

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH712BFX2	805120	INSERT, METAL DETECTABLE BLUE 38MM-SUITS TH712 & TH1212N	2	5012936371227

COPPER & ALUMINIUM FACES

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH308C	511514	COPPER FACE HAMMER SPARE 25MM SUITS TH308 & TH208	1	5012936710811
TH310C	511515	COPPER FACE HAMMER SPARE 32MM SUITS TH310 & TH210	1	5012936711016
TH312C	511516	COPPER FACE HAMMER SPARE 38MM SUITS TH312 & TH212	1	5012936711214
TH314C	511517	COPPER FACE HAMMER SPARE 44MM SUITS TH314 & TH214	1	5012936711412
TH316C	508944	COPPER FACE HAMMER SPARE 50MM SUITS TH316 & TH216	1	5012936713164
TH322C	508950	COPPER FACE HAMMER SPARE 70MM SUITS TH322	1	5012936713225
TH312AF^	508939	ALUMINIUM FACE HAMMER SPARE 38MM SUIT TH312	1	5012936723125



RAWHIDE FACES

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH08R	511510	REPLACEMENT RAWHIDE FACE SIZE 'A' 25MM - SUITS TH08 & 208	1	5012936700812
TH10R	511511	REPLACEMENT RAWHIDE FACE SIZE '1' 32MM - SUITS TH10 & 210	1	5012936701017
TH12R	511512	REPLACEMENT RAWHIDE FACE SIZE '2' 38MM - SUITS TH12 & 212	1	5012936701215
TH14R	511513	REPLACEMENT RAWHIDE FACE SIZE '3' 44MM - SUITS TH14 & 214	1	5012936701413
TH16R	508918	REPLACEMENT RAWHIDE FACE SIZE '4' 50MM - SUITS TH16 & 216	1	5012936701604



MEDIUM PLASTIC FACE - Plastic Shore D45-55

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH406PF	508954	PLASTIC FACE HAMMER SPARE 19MM SUITS TH406	1	5012936340636
TH408PF	508956	PLASTIC FACE HAMMER SPARE 25MM SUITS TH408	1	5012936340834
TH410PF	511518	PLASTIC FACE HAMMER SPARE 32MM SUITS TH410	2	5012936341022
TH412PF	511519	PLASTIC FACE HAMMER SPARE 38MM SUITS TH412	2	5012936341220
TH414PF	511520	PLASTIC FACE HAMMER SPARE 44MM SUITS TH414	2	5012936341428
TH416PF	508964	PLASTIC FACE HAMMER SPARE 50MM SUITS TH416	1	5012936341633



HARD NYLON FACE - Shore D57-61

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH708NF	511521	NYLON FACE HAMMER SPARE 25MM WHITE SUITS TH708	2	5012936070823
TH710NF	511527	NYLON FACE HAMMER SPARE 32MM WHITE SUITS TH710	2	5012936071028
TH712NF	511528	NYLON FACE HAMMER SPARE 38MM WHITE SUITS TH712 & TH1212N	2	5012936271220
TH714NF	511522	NYLON FACE HAMMER SPARE 44MM WHITE SUITS TH714 & TH1414N	2	5012936071424
TH716NF	511523	NYLON FACE HAMMER SPARE 50MM WHITE SUITS TH716 & TH1616N	2	5012936071622
TH720NF	511524	NYLON FACE HAMMER SPARE 63MM WHITE SUITS TH720 & TH2020N	1	5012936072018



TOUGH POLYURETHANE FACE - Shore D58-62

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH714TF	508986	POLYURETHANE FACE SPARE 44MM - SUITS TH714 & TH1414N	1	5012936671495
TH716TF	508990	POLYURETHANE FACE SPARE 50MM - SUITS TH716 & TH1616N	1	5012936671693



SOFT GREY PVC - Shore A63-73

PART NO.	ITEM	DESCRIPTION	QTY PACK	BARCODE
TH712VF	511526	SOFT GREY PLASTIC FACE 38MM - SUITS TH712 & TH1212N	2	5012936271220



Available from your local Thor distributor

P_AUS_T_THOR_BR_2017

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