



THOR HAMMER

COMPANY LIMITED

WELCOME TO THOR HAMMER

We only manufacture soft faced hammers and mallets.

Since 1923 we have specialized in producing hammers and mallets that provide a non-damaging striking solution for any problem where a hand operated tool is required.

Our reputation for quality is legendary and is backed up by being approved to ISO9001 since 1992.

Users of our products include UK Ministry of Defence, NATO, Governments, Formula One, Automotive, Aerospace, Industrial Engineering, Mining, Marine Engineering, Railways and many more.

THOR HISTORY

1900

Thor can trace its roots back to 1910 when The Birmingham Belting Co Ltd was founded in Snow Hill, Birmingham, by the Stephens family.

Birmingham Belting manufactured flexible drive belts for the Cotton Mills and other industrial applications that were thriving around this time.

They also however had a small section within the company manufacturing Rawhide Hammers and Mallets.

1920

Some 13 years later due to growth it was decided set up a separate company and Thor Hammer Company Limited was incorporated specifically for the production of hammers and mallets.

The company was named after the ancient Norse God of Thunder who owned the most miraculous of hammers, Mjölner, a throwing hammer, which always sped directly to its mark, slew the giant then rebounded straight back to Thor's hand.

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.

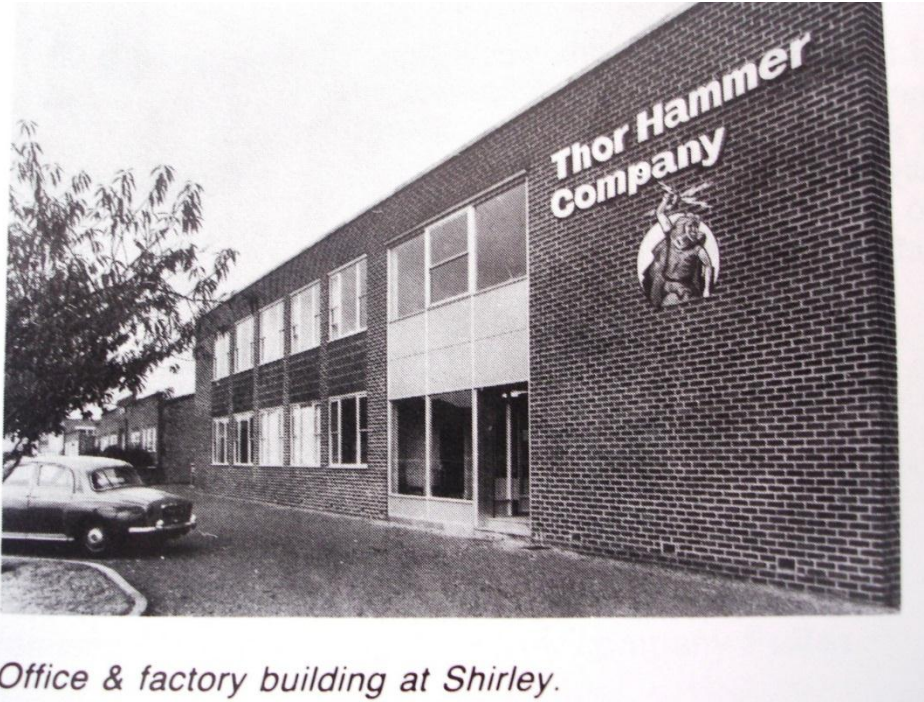
Engineers from all four corners of the World began to appreciate the benefits of Thor hammers and consequently continued to use our product after the war.

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



Office & factory building at Shirley.

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 12.1/2% 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.

We now export to over 80 countries and we continue to exhibit at the Cologne Hardware exhibition in Germany.

We 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.

THOR SOFT-FACED
HAMMERS
Standard Equipment by
many Car Manufacturers

THOR RAWHIDE AND COPPER HAMMER
Also supplied with both faces of Copper or Rawhide. For car knock-off wheels and general use.

THORUS RUBBER MALLEY
Large size. For changing tyres, straightening bumpers, etc.

THORLITE RUBBER-FACED HAMMER
1 1/2" Dia. For removing dents, treating tight joints, etc.

THOREX PLASTIC HAMMER
1 1/2" Dia. For engine repairs, sand beating, etc.

Write for full particulars and Price List—
THOR HAMMER COMPANY
2635 SALOP STREET, BIRMINGHAM 12
Telephone: VICARIA 4011 (7 Lines)

THOR
Copper & Rawhide
HAMMER
THE BEST Soft HAMMER

—for factory use. Fitted with replaceable faces of compressed rawhide and soft copper. Will never damage the work. Also made with BOTH faces of the same material.

Hammer head with Plastic or Aluminium, and Mallets of Rawhide, Lighter, Lead and Rubber are also made. THOR Soft-faced Hammers and Mallets are ideal for use in Automobile, Aircraft, and Engineering Works. Write for new list and test samples.

THOR HAMMER COMPANY,
2635 SALOP STREET, BIRMINGHAM, ENGLAND.

THOR

The best "soft" hammer for factory use. WILL NEVER DAMAGE THE PART STRUCK.

One face of soft copper, the other of compressed rawhide. BOTH FACES RENEWABLE WHEN WORN.

THOR "soft-faced" hammers are IDEAL for use in Automobile, Aircraft and Armament Factories, Engineering and Ship Works also find them indispensable. Supplied as illustrated or with BOTH faces of same material.

THOR HAMMER CO.
1 HAMPTON STREET, BIRMINGHAM 19

Now

THOR GIVE YOU THE PERFECT **PLASTICS HANDLE**

Guaranteed not to stick, burn, crack or break. THOR'S THORUS HAMMERS are made only of top grade-making them the most durable, reliable, and long-lasting. They are also the most economical and give the most efficient and accurate results.

• **THORUS** RUBBER MALLEY
• **THORLITE** RUBBER-FACED HAMMER
• **THOREX** PLASTIC HAMMER

Write for full particulars and Price List—
THOR HAMMER CO. LTD.
2635 SALOP STREET, BIRMINGHAM 12
Telephone: VICARIA 4011 (7 Lines)

"THOR" HAMMER
IS IDEAL FOR GARAGE USE
and for resale to motorists with cars having **KNOCK-OFF WHEELS**
COPPER and RAWHIDE FACES
will never damage the part struck
"THOR" is the "last word" in motor hammers

| OBTAINABLE IN FIVE SIZES | Size | Weight | Head |
|--------------------------|------|--------|--------|
| from your Factor | A | 8 lb. | 1 1/2" |
| or direct from— | 1 | 10 lb. | 2 1/2" |
| | 2 | 20 lb. | 3 1/2" |
| | 3 | 30 lb. | 4" |

THOR HAMMER Co., Dept. T
94 Snow Hill, Birmingham 4

THOR SOFT-FACED
HAMMERS AND MALLETS
for Every Industry

THOR HAMMER CO.
SALOP STREET, BIRMINGHAM, 12
Telephone: VICARIA 4011 (7 Lines)
Telex: THORHAM 500000

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Three Services - Reusable

THOR Trade Mark
Hammer with COPPER FACES and RAWHIDE HAMMER

THOR RAWHIDE MALLEY

THOR HAMMER COMPANY
2635 SALOP STREET, BIRMINGHAM 12
Telephone: VICARIA 4011 (7 Lines)
Telex: THORHAM 500000

Copper Hammer



Cast iron head of extra heavy construction fitted with two pure electrolytic copper faces and wood handle.

Ideal for heavy-duty hammering where SAFE blows of maximum weight and impact are required.

Cylindrical Copper face manufactured from 99.9% Pure Extruded Electrolytic Copper rod for use with Malleable Iron heads.

Copper faces when fitted into a Malleable Iron head prevent damage to expensive machined sub components and assemblies.

Ideal where a heavy blow is required combined with a relatively small striking area.

An excellent Dual-Purpose soft faced hammer for the Automotive Trade and many General Engineering and Industrial Applications.

Copper Hammer – Made in England

| Order Code | Wood Handle | Size | Face Diameter - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|-------------|------|--------------------|---------------------|-----------------------|
| TH1000-0005 | 04-308 | A | 25 | 230 | 425 |
| TH1000-0006 | 04-310 | 1 | 32 | 270 | 830 |
| TH1000-0007 | 04-312 | 2 | 38 | 305 | 1260 |
| TH1000-0008 | 04-314 | 3 | 44 | 305 | 1940 |
| TH1000-0009 | 04-316 | 4 | 50 | 355 | 2830 |
| TH1000-0010 | 04-317 | 4L | 50 | 760 | 3350 |
| TH1000-0011 | 04-322 | 5 | 70 | 915 | 6000 |



Replacement Copper Face

| Order Code | Replacement Copper Face | Size | Face Diameter - mm | Approx. Weight - gram |
|-------------|-------------------------|------|--------------------|-----------------------|
| TH1000-0012 | 71-308C | A | 25 | 85 |
| TH1000-0013 | 71-310C | 1 | 32 | 146 |
| TH1000-0014 | 71-312C | 2 | 38 | 243 |
| TH1000-0015 | 71-314C | 3 | 44 | 350 |
| TH1000-0016 | 71-316C | 4 | 50 | 546 |
| TH1000-0017 | 71-322C | 5 | 70 | 1228 |

Round Solid Copper Mallets – Plastic Handle



Manufactured from 99.9% Pure Electrolytic Copper rod these cylindrical mallets provide a firm positive blow without the risk of damage to expensive components.

Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive or shipping industries. Also used by tool and gauge makers and for bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, locomotive assembly etc.

Round Solid Copper Mallets – Plastic Handle – Made in England

| Order Code | Plastic Handle | Face Diameter - mm | Head Length - mm | Nominal Length - mm | Approx. Weight - gram |
|-----------------------------|----------------|--------------------|------------------|---------------------|-----------------------|
| TH1000-0001 | 24-5703 | 32 | 82 | 280 | 670 |
| TH1000-0002 | 24-5704 | 38 | 89 | 290 | 950 |
| TH1000-0003 | 24-5705 | 44 | 95 | 305 | 1330 |
| TH1000-0004 | 24-5706 | 50 | 101 | 335 | 1780 |

Square Solid Copper Mallets – Wooden Handle



Manufactured from 99.9% Pure Electrolytic Copper Rod these square mallets provide a firm positive blow without the risk of damage to expensive components.

Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive or shipping industries. Also used by tool and gauge makers and for bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, locomotive assembly etc.

Square Solid Copper Mallets – Wooden Handle – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Head Length - mm | Nominal Length - mm | Approx. Weight - gram |
|-----------------------------|---------------|--------------------|------------------|---------------------|-----------------------|
| TH1000-0066 | 24-5720250 | 19 | 62 | 280 | 250 |
| TH1000-0067 | 24-5720300 | 22 | 62 | 280 | 300 |
| TH1000-0068 | 24-5720500 | 25 | 85 | 280 | 500 |
| TH1000-0069 | 24-5720800 | 32 | 89 | 290 | 800 |
| TH1000-0070 | 24-5721500 | 38 | 112 | 305 | 1500 |
| TH1000-0071 | 24-5722000 | 44 | 115 | 405 | 2050 |

Square Solid Brass Mallets – Wooden Handle



Manufactured from extruded rod these square brass mallets are fitted with wood handles provide a firm positive blow without the risk of damage to expensive components.

Ideal for positive blows on highly finished or closely ground machined parts throughout the aircraft, automotive or shipping industries. Also used by tool and gauge makers and for bearing assembly in heavy industrial applications such as earthmoving equipment, shipping, locomotive assembly etc.

Square Solid Brass Mallets – Wooden Handle – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Head Length - mm | Approx. Weight - gram |
|-------------|---------------|--------------------|------------------|-----------------------|
| TH1000-0072 | 27-40500 | 25 | 85 | 500 |
| TH1000-0073 | 27-40750 | 32 | 89 | 750 |
| TH1000-0074 | 27-41000 | 38 | 87 | 1000 |
| TH1000-0075 | 27-41500 | 38 | 121 | 1500 |
| TH1000-0076 | 27-42000 | 114 | 114 | 2000 |

Laminated Compressed Hardwood Mallets



With laminated compressed wood heads (Density 1.3) these barrel shaped mallets are fitted with flushed-in glass fibre hoops for extra security.

Conical self-locking taper handles in all sizes.

Excellent resistance to impact and long service life.

Suitable for hot work applications.

Typical uses include steel plate trade, casting, Schools and Technical Colleges, general assembly, aluminium forming, aviation etc.

Laminated Compressed Hardwood Mallets – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Head Length - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|---------------|--------------------|------------------|---------------------|-----------------------|
| TH1000-0045 | 62-8040 | 38 | 83 | 260 | 155 |
| TH1000-0046 | 62-8050 | 48 | 100 | 300 | 310 |
| TH1000-0047 | 62-8060 | 58 | 120 | 325 | 525 |

Super Plastic Mallets



Mallet head manufactured from Ultra-high molecular weight Polythene and provides high impact, durability and high abrasive resistance.

Resistant to corrosion and most chemicals and will not fracture splinter or delaminate.

Used in the jewellery trade, sheet metal work, die cutting industry and use on copper, brass and soft metals.

Super Plastic Mallets – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Head Length - mm | Approx. Weight - gram |
|-------------|---------------|--------------------|------------------|-----------------------|
| TH1000-0038 | 23-8110 | 32 | 76 | 125 |
| TH1000-0039 | 23-8112 | 40 | 89 | 180 |
| TH1000-0040 | 23-8114 | 45 | 98 | 240 |
| TH1000-0041 | 23-8116 | 50 | 115 | 320 |
| TH1000-0042 | 23-8119 | 60 | 123 | 480 |
| TH1000-0043 | 23-8122 | 70 | 123 | 610 |
| TH1000-0044 | 23-8126 | 80 | 150 | 950 |

Super Plastic Hammer



The Super Plastic faces combined with the Malleable Iron head gives a SAFE but high-impact blow, the Super Plastic face provides high impact, durability and high abrasive resistance. Fitted with a wood handle.

Ideal where a heavy blow is required combined with a relatively small striking area.

An excellent Dual-Purpose soft faced hammer for the Automotive Trade and many General Engineering and Industrial Applications.

Super Plastic Hammer – Made in England

| Order Code | Wood Handle | Size | Face Diameter - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|-------------|------|--------------------|---------------------|-----------------------|
| TH1000-0034 | 18-908 | A | 25 | 230 | 270 |
| TH1000-0035 | 18-910 | 1 | 32 | 270 | 590 |
| TH1000-0036 | 18-912 | 2 | 38 | 305 | 790 |
| TH1000-0037 | 18-914 | 3 | 44 | 305 | 1300 |

Thorace Dead Blow Nylon Hammer



Thorace dead blow hammers are a coated die-cast head and handle of aluminium alloy with shock absorbent rubber grip.

The hollow head is partially filled with steel shot which adds to the weight, prevents rebound and delivers 'dead' blows of maximum impact.

Fitted as standard with two screw-in durable nylon faces which when worn can be quickly replaced by hand.

THE IDEAL HAMMER FOR SUSTAINED AND EFFECTIVE BLOWS WITHOUT RECOIL.

Used by Engineers, Sheet Metal Workers, Fitters, Tool Makers etc.

Thorace Dead Blow Nylon Hammer – Made in England

| Order Code | Aluminium Alloy Handle | Face Diameter - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|------------------------|--------------------|---------------------|-----------------------|
| TH1000-0028 | 20-1010 | 32 | 275 | 550 |
| TH1000-0029 | 20-1212 | 38 | 305 | 700 |
| TH1000-0030 | 20-1414 | 44 | 310 | 900 |
| TH1000-0031 | 20-1616 | 50 | 325 | 1150 |
| TH1000-0032 | 20-2020 | 23 | 370 | 1850 |

Thorex Nylon Hammer – Plastic Handle



Faces are designed to wear and to be replaced by hand.

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.

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.

Thorex Nylon Hammer – Made in England

| Order Code | Plastic Handle | Face Diameter - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|----------------|--------------------|---------------------|-----------------------|
| TH1000-0024 | 11-710 | 32 | 280 | 445 |
| TH1000-0025 | 11-712 | 38 | 305 | 650 |
| TH1000-0026 | 11-714 | 44 | 305 | 850 |
| TH1000-0027 | 11-716 | 50 | 305 | 1230 |

Thorex Nylon Hammer – Wooden Handle



Faces are designed to wear and to be replaced by hand.

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.

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.



All the below have Chrome plated Zinc heads. Except 12-720N only available with Cast Iron Head.



07-406 Orange Plastic Face

Thorex Nylon Hammer – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Nominal Length - mm | Approx. Weight - gram |
|-------------|---------------|--------------------|---------------------|-----------------------|
| TH1000-0033 | 07-406 | 19 | 250 | 150 |
| TH1000-0018 | 12-708N | 25 | 255 | 250 |
| TH1000-0019 | 12-710N | 32 | 280 | 385 |
| TH1000-0020 | 12-712N | 38 | 305 | 570 |
| TH1000-0021 | 12-714N | 44 | 305 | 760 |
| TH1000-0022 | 12-716N | 50 | 330 | 1230 |
| TH1000-0023 | 12-720N | 63 | 355 | 2200 |

Spare Face for Thorex And Thorace

| Face Diameter - mm | Soft Grey  Shore A 63-73 | Tough Brown  Shore D 58-62 | Hard White Nylon  Shore D 57-61 | Medium Hard Orange  Shore D 45-55 |
|--------------------|---|---|---|--|
| 19 | - | - | - | TH1000-0065 |
| 25 | TH1000-0048 | TH1000-0053 | TH1000-0059 | - |
| 32 | TH1000-0049 | TH1000-0054 | TH1000-0060 | - |
| 38 | TH1000-0050 | TH1000-0055 | TH1000-0061 | - |
| 44 | TH1000-0051 | TH1000-0056 | TH1000-0062 | - |
| 50 | TH1000-0052 | TH1000-0057 | TH1000-0063 | - |
| 63 | - | TH1000-0058 | TH1000-0064 | - |

Thorub Rubber Mallet – Wooden Handle



Rubber mallets give a gentle but firm blow with little rebound. To DIN spec and ideal for industrial and leisure use.

The all purpose mallet used widely for automotive, industrial, brewery, DIY camping etc.

Thorub Rubber Mallet - Wooden Handle – Made in England

| Order Code | Wooden Handle | Face Diameter - mm | Head Length - mm | Nominal Length - mm | Approx. Weight - gram |
|--------------------|---------------|-----------------------|---------------------|------------------------|--------------------------|
| TH1000-0077 | 61-951 | 40 | 80 | 265 | 140 |
| TH1000-0078 | 61-952 | 54 | 90 | 320 | 310 |
| TH1000-0079 | 61-953 | 64 | 113 | 340 | 550 |
| TH1000-0080 | 61-954 | 74 | 127 | 380 | 800 |
| TH1000-0081 | 61-957 | 90 | 139 | 380 | 1200 |