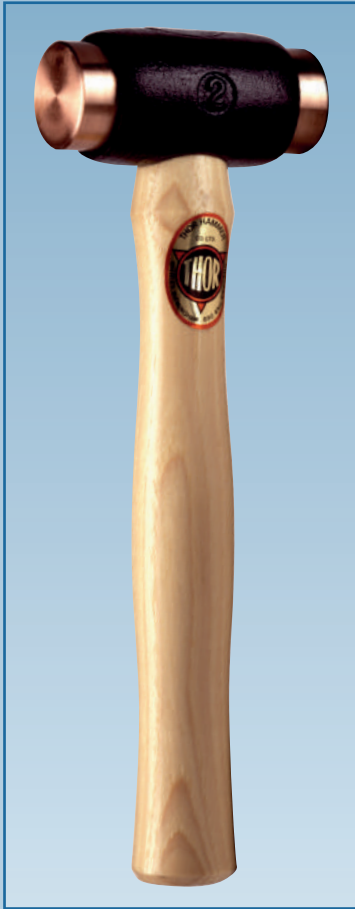




THOR




SOFT FACED HAMMERS

COPPER HAMMERS



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.

Standard Wood Handle	Size	Approx Weight 	Face Diameter 		Nominal Length 	Spare Copper Face
			inch	mm		
Ref No.		g			mm	Ref No.
04-308	A	425	1	25	230	71-308C
04-310	1	830	1.1/4	32	270	71-310C
04-312	2	1260	1.1/2	38	305	71-312C
04-314	3	1940	1.3/4	44	305	71-314C
04-316	4	2830	2	50	355	71-316C
04-317	4L	3350	2	50	760	71-316C
04-322	5	6000	2.3/4	70	915	71-322C

SIMILAR HAMMERS ARE AVAILABLE WITH TWO FACES OF ALUMINIUM. (see page 5)

All sizes can be supplied with fibreglass handles – Ref No. 04-308FG etc.
 Sizes 1, 2 & 3 are available with plastic handles – Ref No. 04-310PH etc.

COPPER HIDE HAMMERS

Cast-iron head fitted with one face of pure electrolytic copper, the other of compressed water buffalo hide and fitted with wood handle.

The copper face gives a SAFE but high-impact blow, whilst the hide face gives a firm and resilient blow that will not mark finished work.

AN EXCELLENT DUAL-PURPOSE HAMMER FOR THE AUTOMOTIVE TRADE AND GENERAL INDUSTRIAL APPLICATIONS

All sizes can be supplied with fibreglass handles – Ref No. 03-208FG etc.
 Sizes 1, 2 & 3 are available with plastic handles – Ref No. 03-210PH etc.






HIDE HAMMERS



Cast iron head fitted with two hide faces and wood handle.




Faces are manufactured from genuine water buffalo hides, pressed 3 times and seasoned for many months.

Standard Wood Handle	Size	Approx Weight 	Face Diameter 		Nominal Length 	Spare Copper Face	Spare Rawhide Face
			inch	mm			
Ref No.		g			mm	Ref No.	Ref No.
03-208	A	355	1	25	230	71-308C	70-08R
03-210	1	710	1.1/4	32	270	71-310C	70-10R
03-212	2	1070	1.1/2	38	305	71-312C	70-12R
03-214	3	1600	1.3/4	44	305	71-314C	70-14R
03-216	4	2380	2	50	355	71-316C	70-16R
03-222	5	5000	2.3/4	70	915	71-322C	70-22R

These carefully controlled processes ensure hide hammers that can be depended upon for uniform quality and maximum durability.

SIMILAR HAMMERS ARE AVAILABLE WITH TWO SUPER PLASTIC FACES. (see page 5)

All sizes can be supplied with fibreglass handles – Ref No. 01-008FG etc.
 Sizes 1, 2 & 3 are available with plastic handles – Ref No. 01-010PH etc.

Standard Wood Handle	Size	Approx Weight 	Face Diameter 		Nominal Length 	Spare Rawhide Face
			inch	mm		
Ref No.		g			mm	Ref No.
01-008	A	285	1	25	230	70-08R
01-010	1	590	1.1/4	32	270	70-10R
01-012	2	800	1.1/2	38	305	70-12R
01-014	3	1230	1.3/4	44	305	70-14R
01-016	4	1900	2	50	355	70-16R
01-022	5	3275	2.3/4	70	405	70-22R

THOREX NYLON & PLASTIC HAMMERS



With chrome plated zinc heads (except 720N) Thorex Hammers are fitted with two durable white nylon faces or with two medium red plastic faces. Nylon hammers have the option of either wood or plastic handles. All hammers can be fitted with fibreglass handles to special order.

Thorex Nylon Hammer			Thorex Plastic Hammer Wood Handle 2 red plastic faces	Wood Handle Approx Weight	Face Diameter	
Plastic Handle	Approx Weight	Wood Handle			inch	mm
2 white nylon faces		2 white nylon faces	2 red plastic faces			
Ref No.	g	Ref No.	Ref No.	g	inch	mm
-	-	12-708N	13-708P	250	1	25
11-710	445	12-710N	13-710P	385	1.1/4	32
11-712	650	12-712N	13-712P	570	1.1/2	38
11-714	850	12-714N	13-714P	760	1.3/4	44
11-716	1230	12-716N	13-716P	1230	2	50
All the above have Chrome plated Zinc heads. 12-720N only available with Black Cast Iron head.						
		12-720N	-	2200	2.1/2	63

- Worn faces can be quickly replaced BY HAND providing minimum down time.
- All faces are one piece mouldings.
- There are no metal pegs or inserts which can damage the workpiece when worn.
- Serrations in the metal head prevent faces loosening in use.
- Faces have a shoulder for extra strength and to prevent fracture from misdirected blows.

To suit a wide range of hammering applications 5 alternative hardness of screw-in faces are available – colour coded for easy identification.

THORACE DEAD BLOW NYLON HAMMERS

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.

For certain applications tough brown polyurethane faces Ref. T. may be preferred.

THE IDEAL HAMMER FOR SUSTAINED AND EFFECTIVE BLOWS WITHOUT RECOIL.
Used by Engineers, Sheet Metal Workers, Fitters, Tool Makers etc.



Soft Grey PVC Shore A63-73: Will not mark finished surfaces. Ideal for use in flat pack furniture assembly, woodworking.

Medium Hard Red Plastic Shore D45-55: More suited for light hammering applications and the assembly of precision part.

Tough Brown Polyurethane Shore D58-62: Tough and abrasive resistant therefore ideal for striking sharp surfaces including cutting forms, steel rule dia assembly.

Hard White Nylon Shore D57-61: The best all-purpose face for light and heavy assembly work.

Extra Hard Yellow Rockwell R103: Extra hard faces for specialist applications only eg setting copper armatures.

Nylon Hammer 2 white faces	Approx Weight	Face Diameter		Nominal Length	Spare White Nylon Face
Ref No.	g	inch	mm	mm	Ref No.
20-1010	550	1.1/4	32	275	76-710NF
20-1212	700	1.1/2	38	305	76-712NF
20-1414	900	1.3/4	44	310	76-714NF
20-1616	1150	2	50	325	76-716NF
20-2020	1850	2.1/2	63	370	76-720NF

SPARE FACES



Face Diameter		Pack Quantity	Soft Grey Shore A 63-73	Medium Red Shore D 45-55	Tough Brown Polyurethane Shore D 58-62	Hard White Nylon Shore D 57-61	Extra Hard Yellow Rockwell R103
inch	mm		Ref No.	Ref No.	Ref No.	Ref No.	Ref No.
1	25	10	76-708VF	76-708PF	76-708TF	76-708NF	76-708AF
1.1/4	32	10	76-710VF	76-710PF	76-710TF	76-710NF	76-710AF
1.1/2	38	10	76-712VF	76-712PF	76-712TF	76-712NF	76-712AF
1.3/4	44	10	76-714VF	76-714PF	76-714TF	76-714NF	76-714AF
2	50	10	76-716VF	76-716PF	76-716TF	76-716NF	76-716AF
2.1/2	63	10	-	-	76-720TF	76-720NF	-

SPLIT HEAD HAMMERS







These patented Split Head Hammers allow quick changes of faces and handles thereby minimising downtime.

The cast iron heads have two socket head cap screws for uniform distribution of clamping pressure, improving handle and face retention. Extension collars under the head transfer shock to 40% more handle surface, reducing user fatigue and handle breakage. Unique tapered sockets lock faces and handles securely in place, yet the faces can be quickly loosened and rotated for increased service life and uniform wear.

Replacement handles can be locked into the heads without the need for wedges. A significant advantage of this design is the ability to quickly match the hammer's striking face to the task at hand. By choosing either hide, nylon, or super plastic faces, the hammer can be 'customised' to deliver maximum striking power while minimising damage to costly parts.





Hide Hammer	Super Plastic Hammer	Nylon Hammer	Size	Approx Weight 	Face Diameter 		Nominal Length 	Hex Key Size 
					inch	mm		
Ref No.	Ref No.	Ref No.		g	inch	mm	mm	mm
34-RH125	35-SPH125	36-NH125	1	610	1.1/4	32	280	5
34-RH150	35-SPH150	36-NH150	2	900	1.1/2	38	305	6
34-RH175	35-SPH175	36-NH175	3	1450	1.3/4	44	325	6
34-RH200	35-SPH200	36-NH200	4	2000	2	50	350	8
34-RH275	35-SPH275	36-NH275	5	3750	2.3/4	70	400	8
34-RH275FG	35-SPH275FG	-	5L	4200	2.3/4	70	920	8
34-RH400FG	-	-	9	5400	3.1/2	90	920	8
-	35-SPH400FG	-	9	5400	4	100	920	8

FG -Suffix denotes fitted with FibreGlass handle.

SPARE FACES



Size	Face Diameter 		Pack Quantity 	Spare Hide Face	Spare Super Plastic Face	Spare Nylon Face
	inch	mm		Ref No.	Ref No.	Ref No.
1	1.1/4	32	10	70-10R	77-910SPF	76-125NF
2	1.1/2	38	10	70-12R	77-912SPF	76-150NF
3	1.3/4	44	10	70-14R	77-914SPF	76-175NF
4	2	50	10	70-16R	77-916SPF	76-200NF
5 & 5L	2.3/4	70	10	70-22R	77-922SPF	76-275NF
9	3.1/2	90	1	70-400R	-	-
9	4	100	1	-	77-400SPF	-

SUPER PLASTIC & ALUMINIUM HAMMERS



Cast iron head fitted with either two ductile aluminium faces OR two white super plastic faces. Wood handles.

Ductile aluminium faces give a soft metal blow and are an alternative to traditional copper hammers.

The ultra-high molecular weight polythene faces offer high impact, durability and high abrasive resistance. Also available ALL-PURPOSE HAMMER fitted with one aluminium and one durable super plastic face. Plastic handle.

Ref: 06-AP10R. Dia 32mm. Approx weight 660g.

Ref: 06-AP12R. Dia 38mm. Approx weight 875g.

Super Plastic	Approx Weight	Aluminium	Approx Weight	Face Diameter	Nominal Length	Spare Plastic Face	Spare Aluminium Face
Ref No.	g	Ref No.	g	mm	mm	Ref No.	Ref No.
18-908	270	05-A308	300	25	230	77-908SPF	72-308AF
18-910	590	05-A310	630	32	270	77-910SPF	72-310AF
18-912	790	05-A312	920	38	305	77-912SPF	72-312AF
18-914	1300	05-A314	1440	44	305	77-914SPF	72-314AF
18-916	1900	05-A316	2100	50	355	77-916SPF	72-316AF
18-922	3100	-	-	70	405	77-922SPF	-
-	-	05-A322	4250	70	915	-	72-322AF

LAMINATED COMPRESSED WOOD MALLETS

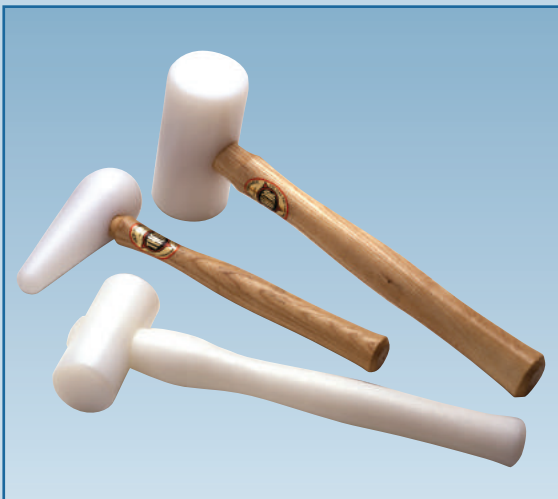
With laminated compressed wood heads (Density 1.3) these barrel shaped mallets are fitted with flushed-in glass fibre hoops for extra security. Conical self-locking taper handles in all sizes.

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.



Ref No.	Approx Weight	Head Size		Nominal Length
	g	mm	mm	mm
62-8040	155	38	83	260
62-8050	310	48	100	300
62-8060	525	58	120	325
62-8070	750	67	140	360
62-8080	1150	77	165	390
62-8100	1725	95	193	420

SUPER PLASTIC MALLETS



CYLINDRICAL AND PEAR SHAPED
With ultra-high molecular weight polythene heads these mallets offer high impact, durability and high abrasive resistance. Resistant to corrosion and most chemicals. Will not fracture, splinter or delaminate.

Fitted as standard with wood handles. Can be fitted with plastic handles to meet Food Hygiene regulations.

Wood Handle	Plastics Handle	Approx Weight	Head Size	
Ref No.	Ref No.	g	mm	mm
23-8110	-	125	32	76
23-8112	23-8112PH	180	40	89
23-8114	23-8114PH	240	45	98
23-8116	23-8116PH	320	50	115
23-8119	23-8119PH	480	60	123
23-8122	23-8122PH	610	70	123
23-8126	-	950	80	150
23-8128	-	1300	90	150
23-8132	-	1500	100	150

Pear Shaped	Approx Weight	Head Size	
Ref No.	g	mm	mm
23-8898SP	200	50	125
23-8899SP	280	60	125
23-8900SP	395	70	125

ROUND SOLID COPPER MALLETS



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

All round copper mallets have wood handles as standard, except sizes 703, 704, 705 & 706 which have white plastic handles, although wood handles are optional at the same cost (add suffix N to the code eg 24-5706N for a wood handle in lieu of plastic).

Fibreglass handles are available for all sizes at additional cost, suffix FG.

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 etc.

These mallets are not recommended for non-sparking applications. Our associate company SAFETY TOOLS LTD can quote for the appropriate Beryllium-Copper or Aluminium-Bronze tools.

Wood Handle	Plastics Handle	Approx Weight	Head Size		Nominal Wood Length
Ref No.	Ref No.	g	mm	mm	mm
24-5701	-	250	22	63	250
24-5702	-	360	25	76	250
24-5703N	24-5703	670	32	82	280
24-5704N	24-5704	950	38	89	290
24-5705N	24-5705	1330	44	95	305
24-5706N	24-5706	1780	50	101	335
24-5707	-	3150	63	105	610
24-5709	-	4250	63	140	760
24-5711	-	5200	70	146	915
24-5713	-	5700	70	181	915
-	24-5715FG	7500	70	197	915
-	24-5717FG	8500	70	225	915
-	24-5719FG	9000	85	173	915

SQUARE SOLID COPPER MALLETS

Manufactured from 99.9% Pure Electrolytic Copper Rod these square mallets provide a firm positive blow without the risk of damage to expensive components. Fitted as standard with wood handles, also available with fibreglass handles at additional cost, suffix FG.

Ideal for positive blows on highly finished or closely ground machined parts throughout the automotive, aircraft and shipping industries.

These mallets are not recommended for non-sparking applications. Our associate company SAFETY TOOLS LTD can quote for the appropriate Beryllium-Copper or Aluminium-Bronze tools.



LEAD MALLETS



With solid cast antimonial lead heads these mallets give a firm blow preventing damage. Ideal for hammering applications where dead weight is essential.

Wood handles as standard. Fibreglass handles are available at additional cost, suffix FG, eg 26-7750FG

Sizes 7743 and 7744 have self-locking handles. Sizes 7742 to 7746 have barrel shaped heads. Other sizes have rectangular shaped heads.

Ref No.	Approx Weight	Head Size		Ref No.	Approx Weight	Head Size	
	g	mm	mm		g	mm	mm
26-7742	1025	36	78	26-7748	3750	50	130
26-7743	1500	35	107	26-7750	4900	60	120
26-7744	1750	45	90	26-7753	6400	60	158
26-7745	2250	45	102				
26-7746	2800	48	109				

Other sizes can be manufactured to Special Order

Ref No.	Approx Weight	Head Size		Nominal Wood Length
	g	mm	mm	mm
24-5720250	250	19	62	280
24-5720300	300	22	62	280
24-5720500	500	25	85	280
24-5720800	800	32	89	290
24-5721000	1050	38	85	305
24-5721500	1450	38	112	305
24-5722000	2050	44	115	405
24-5723000	3500	50	135	760
24-5724000	4500	50	175	760
24-5725000	5750	63	153	915
24-5729000FG	9850	76	173	915

RUBBER MALLETS



Featuring self-locking handles there are three types of rubber mallet available all in a range of sizes. Rubber mallets give a gentle but firm blow with little rebound. To DIN spec and ideal for industrial and leisure use.

STANDARD BLACK – the all purpose mallet used widely for automotive, industrial, brewery, DIY camping etc.

SOFT BLACK - for use where softer blows are required.

WHITE – Will not leave marks on work surfaces. Ideal for woodworking, builders, window frame manufacturers, shop fitting, car trim, DIY etc.

Head Size		Standard Black 90° Shore A			Soft Black 75° Shore A		White 90° Shore A		
Dia	Length	Wood Handle	Fiberglass Handle	Approx Weight	Wood Handle	Approx Weight	Wood Handle	Fiberglass Handle	Approx Weight
mm	mm	Ref No.	Ref No.	g	Ref No.	g	Ref No.	Ref No.	g
40	80	61-951	-	140	-	-	-	-	-
54	90	61-952	61-952FG	310	61-75952	300	61-952W	61-952WFG	375
64	113	61-953	61-953FG	550	61-75953	525	61-953W	61-953WFG	675
74	127	61-954	61-954FG	800	61-75954	775	61-954W	61-954WFG	970
90	139	61-957	61-957FG	1200	-	-	61-957W	61-957WFG	1450

HIDE MALLETS

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 hide mallets of uniform quality and maximum durability. All mallets are fitted with wood handles.

Ideal for the jewellery trade, sheet metal work and use on copper, brass and soft metals.



SQUARE BRASS MALLET



Manufactured from extruded rod these square brass mallets are fitted with wood handles. Also available with fiberglass handles, suffix FG.

Ideal for firm blows without the risk of damage to expensive components.

These mallets are not recommended for non-sparking applications. Our associate company SAFETY TOOLS LTD can quote for the appropriate Beryllium-Copper or Aluminium-Bronze tools.

Wood Handle	Fiberglass Handle	Head Size		Approx Weight
Ref No.	Ref No.	mm	mm	g
27-40500	27-40500FG	25	85	500
27-40750	27-40750FG	32	89	750
27-41000	27-41000FG	38	87	1000
27-41500	27-41500FG	38	121	1500
27-42000	27-42000FG	44	114	2000
27-42500	27-42500FG	44	146	2500
27-43000	27-43000FG	50	135	3000
27-43500	27-43500FG	50	155	3500
27-44000	27-44000FG	50	178	4000
27-44500	27-44500FG	63	124	4500
27-45000	27-45000FG	63	140	5000
27-45500	27-45500FG	63	156	5500
27-46000	27-46000FG	63	172	6000
27-47000	27-47000FG	63	194	7000
27-47500	27-47500FG	63	223	7500

Ref No.	Size	Approx Weight	Face Diameter		Head Length Approx	
Ref No.		g	inch	mm	inch	mm
02-108	0	90	1	25	2	50
02-110	1	130	1.1/4	32	2.1/2	63
02-112	2	190	1.1/2	38	3	75
02-114	3	250	1.3/4	44	3.1/4	81
02-116	4	340	2	50	3.1/2	89
02-120	5	570	2.1/2	63	4	102
02-122	6	680	2.3/4	70	4.1/2	114
02-123	7	790	2.3/4	70	4.3/4	120
02-124	8	900	3	76	5	127
02-125	9	1020	3	76	5.1/2	140
02-128	10	1250	3.1/2	89	5.1/2	140

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.

SOME RULES FOR HAMMER SAFETY

ALWAYS wear safety goggles when using striking tools to protect the eyes from dust and particles.

ALWAYS inspect the hammer before beginning the task to be sure it is not damaged and that all parts are secure.

Be certain that replaceable faces are fitted securely into the head. On split-head hammers, be sure that the socket head cap screws are periodically retightened, as necessary.

NEVER use a hammer with a split or damaged handle. The practice of taping a cracked handle is dangerous and can result in injury to the user as well as nearby personnel.

ALWAYS replace striking faces before they wear down far enough to allow the body of the hammer head to contact the work surface.

NEVER use a hammer with a loose handle. Loose handles should be replaced or fitted with new wedges of the proper size. Replacement handles should be the same length and quality as the original

**Most of the materials used in our hammers and mallets are natural - hence weights and dimensions in this catalogue are approximate and may be subject to change without prior notification. Please refer to our website for the latest specifications.
www.thorhammer.com**

THOR HAMMER COMPANY LIMITED

**Highlands Road, Shirley,
Nr Birmingham B90 4NJ ENGLAND**

No. 14

Tel: + 44 (0)121-705 4695 Fax: +44 (0)121 705 4727 e-mail: info@thorhammer.com

Company Registration 189360

