

HAMMERS

The need for specialized hammers is strong today, which is why Proto makes a range of hammers designed for the industrial trades. Our lineup includes ball pein and sledge hammers for general striking; soft face hammers with plastic tips that won't mar finished surfaces; and rubber mallets for anywhere you need a softer blow, whether you need to coax tight-fitting parts together or pound out dents in sheet metal

At Proto we also make continual refinements to our hammers.

Every one of our hammers is engineered with safety in mind, and meets or exceeds industry standards for safety and reliability. For instance our ball pein hammers have hardened, drop-forged heads with rim-tempered faces that are less brittle and less likely to chip than the head on a typical claw hammer.

All of our hammers have balanced heads, as well as handles and grips that are ergonomically-designed and shaped to prevent slipping. Some include shock absorption features. The result is a tool that helps keep you safe, comfortable, and productive.

SAFETY TIPS

- Use safety goggles. Serious eye injury is possible.
- Never use a damaged hammer. If the striking face is chipped, dented or mushroomed, discard it.
- Make sure that the hammer's striking face has a diameter at least twice as large as the struck face of the tool.
- Keep striking face clear of oil and grease.
- Make sure the head fits tightly on the handle.
- Protect wood handle hammers from getting extremely wet or dry conditions. A wet handle will swell and crack, while a too dry one will shrink and loosen the head.

- Always use a hammer of suitable size and weight for the job.
- Never strike one hammer with another.
- When using a hammer, don't extend the thumb onto the handle, as doing so can lead to tendonitis at the base of the thumb.
- Wear heavy leather work gloves when working with sheet metal.
- When using a sledgehammer bend the knees as you lift the sledge, straighten them at the top of the swing, and let the hammer's own weight do the work on the downswing.
- Strike squarely to avoid glancing blows.

BALL PEIN HAMMERS INDUSTRIAL FIBERGLASS HANDLE

- Well-balanced professional hammer with hardened dropforged head bonded to strong, lightweight fiberglass handle.
- Exclusive Rim-Tempered[™] process minimizes chipping from off-center strikes.
- Molded jacket over the fiberglass handle provides maximum overstrike protection.

Product		Overall	Weight	
ID No.	Size	Length	lbs.	ASME Spec.
J1312PGD		•		ASME B107.53M
J1316PGD	16 oz.	13"	1.54 lbs.	ASME B107.53M



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Product		Overall	Weight	
ID No.	Size	Length	lbs.	ASME Spec.
J1324PGD				ASME B107.53M
J1332PGD	32 oz.	15-1/4"	2.62 lbs.	ASME B107.53M



BALL PEIN HAMMERS INDUSTRIAL WOOD HANDLE

- Tough drop-forged head with Rim-Tempered[™] hardened face and pein.
- Face, chamfer, cheeks and pein are polished and have a protective coating of clear lacquer.
- Hardwood handles have contoured shape with red lacquer grip.

Product ID No.	Size	Overall Length	Weight lbs.	ASME Spec.
J1304PD	4 oz.	•	0.45 lbs.	ASME B107.53M
J1308PD	8 oz.		0.83 lbs.	ASME B107.53M
J1312PD	12 oz.		1.14 lbs.	ASME B107.53M
J1316PD	16 oz.		1.45 lbs.	ASME B107.53M
J1324PD	24 oz.		2.00 lbs.	ASME B107.53M
J1332PD	32 oz.		2.42 lbs.	ASME B107.53M
J1340PD	40 oz.		2.84 lbs.	ASME B107.53M



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RUBBER MALLET

- Soft but tough, flake-resistant Neoprene head prevents damage.
- Hickory handle.

Product				Overall	Weight
ID No.	D	Н	L	Length	lbs.
J1368	2-1/4"	4"	11"	14"	2.30 lbs.



TWO-WAY HAMMER

- Has a combined forged steel and replaceable rubber head.
- · Hickory handle.

Product				Overall	Weight
ID No.	D	Е	Н	Length	lbs.
J1448A	2-1/16"	1-1/2"	5-1/2"	16"	2.50 lbs.

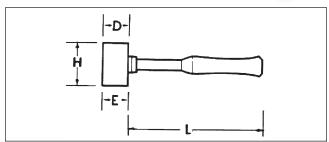


SOFT FACE HAMMERS - WITH TIPS

- Two mar-resistant plastic tips, one medium and one tough.
- Tips are screw-on and can be easily replaced.
- Fiberglass handle.

Product				Weight
ID No.	D	Н	L	lbs.
J1360 J1362 J1364	1-3/16" 1-11/32" 1-11/16"	2-3/4" 2-3/16" 4-11/16"	12-1/8" 12-1/8" 13-1/8"	0.81 lbs 1.05 lbs. 2.06 lbs.









SOFT FACE HAMMER TIPS

- Tips screw on.
- Easy to replace.

Product ID No.	Degree of Hardness	Replacement for	Weight lbs.
J1360M	Medium	J1360	0.04 lbs.
J1360T	Tough	J1360	0.04 lbs.
J1384M	Medium	J1362	0.05 lbs.
J1384T	Tough	J1362	0.05 lbs.
J1364M	Medium	J1364	0.1 lbs.
J1364T	Tough	J1364	0.1 lbs.



SOFT FACE HAMMERS - WITH TIPS

- Each hammer comes with one medium and one hard tip installed.
- Fiberglass handle.

Product				Weight	Tip
ID No.	D	Н	L	lbs.	Series
JSF105HM	1"	2"	11"	0.60 lbs.	SF10
JSF150HM	1-1/2"	2-3/8"	12"	0.79 lbs.	SF15
JSF200HM	2"	2-1/2"	13"	1.43 lbs.	SF20
JSF205HM	2"	2-1/2"	13"	2.06 lbs.	SF20



SOFT FACE HAMMERS - WITHOUT TIPS

• Fiberglass handle.

Product ID No.	D	Н	L	Weight lbs.	Tip Series
JSF100 JSF105 JSF150 JSF155 JSF200 JSF205 JSF250 JSF255	1" 1-1/2" 1-1/2" 2" 2" 2-1/2"	2" 2-3/8" 2-3/8" 2-1/2" 2-1/2" 3-1/4" 3-1/4"	11" 11" 12" 12" 13" 13" 14"	0.36 lbs. 0.52 lbs. 0.85 lbs. 1.02 lbs. 1.01 lbs. 1.80 lbs. 8.30 lbs. 3.66 lbs.	SF10 SF15 SF15 SF20 SF20 SF25



<u>Hammers</u>



SURFACE PROTECTIVE TIPS

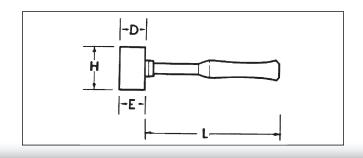
- Proto threaded tips are available in seven different hardnesses for size tip, from super soft to extra hard. They fit standard hammers and offer the following features:
- Resistant to oil, gasoline and common industrial chemicals.
- Helps eliminate sting, vibration and rebound.
- Non-combustible.
- Color coded for degree of hardness for easy identification.



Product		Degree of			Weight
ID No.	D	Hardness	Material Hardness Equivalent	Color	lbs.
JSF10S	1"	Soft	Hammer Tip 1" Soft	Brown	0.05 lbs.
JSF10M	1"	Medium	Hammer Tip 1" Medium	Red	0.09 lbs.
JSF10T	1"	Tough	Hammer Tip 1" Tough	Green	0.05 lbs.
JSF10MH	1"	Medium Hard	Hammer Tip 1" Medium Hard	Cream	0.05 lbs.
JSF10H	1"	Hard	Hammer Tip 1" Hard	Black	0.04 lbs.
JSF10XH	1"	Extra Hard	Hammer Tip 1" Extra Hard	Yellow	0.04 lbs.
JSF15SS	1-1/2"	Super Soft	Hammer Tip 1-1/2" Super Soft	Grey	0.09 lbs.
JSF15S	1-1/2"	Soft	Hammer Tip 1-1/2" Soft	Brown	0.1 lbs.
JSF15M	1-1/2"	Medium	Hammer Tip 1-1/2" Medium	Red	0.1 lbs.
JSF15T	1-1/2"	Tough	Hammer Tip 1-1/2" Tough	Green	0.1 lbs.
JSF15MH	1-1/2"	Medium Hard	Hammer Tip 1-1/2" Medium Hard	Cream	0.08 lbs.
JSF15H	1-1/2"	Hard	Hammer Tip 1-1/2" Hard	Black	0.09 lbs.
JSF15XH	1-1/2"	Extra Hard	Hammer Tip 1-1/2" Extra Hard	Yellow	0.08 lbs.
JSF20S	2"	Soft	Hammer Tip 2" Soft	Brown	0.2 lbs.
JSF20M	2"	Medium	Hammer Tip 2" Medium	Red	0.21 lbs.
JSF20T	2"	Tough	Hammer Tip 2" Tough	Green	0.22 lbs.
JSF20MH	2"	Medium Hard	Hammer Tip 2" Medium Hard	Cream	0.2 lbs.
JSF20H	2"	Hard	Hammer Tip 2" Hard	Black	0.23 lbs
JSF20XH	2"	Extra Hard	Hammer Tip 2" Extra Hard	Yellow	0.2 lbs.
JSF25M	2-1/2"	Medium	Hammer Tip 2-1/2" Medium	Red	0.42 lbs.
JSF25T	2-1/2"	Tough	Hammer Tip 2-1/2" Tough	Green	0.38 lbs.
JSF25MH	2-1/2"	Medium Hard	Hammer Tip 2-1/2" Medium Hard	Cream	0.39 lbs.
JSF25H	2-1/2"	Hard	Hammer Tip 2-1/2" Hard	Black	0.36 lbs.
JSF25XH	2-1/2"	Extra Hard	Hammer Tip 2-1/2" Extra Hard	Yellow	0.37 lbs.
JSF30MH	3"	Medium Hard	Hammer Tip 3" Medium Hard	Cream	0.51 lbs.
JSF30H	3"	Hard	Hammer Tip 3" Hard	Black	0.52 lbs.

For long life, choose the softest tip that will do the job.

- 1) If tip marks work, select next softer grade.
- 2) If tip does not drive properly, select next harder grade.
- 3) If tip wears excessively, select next sotter grade, or select next larger diameter holder of similar weight



SLEDGE HAMMERS - DOUBLE FACED

- Designed for striking metal, concrete and stone.
- Strong fiberglass handle with slip-resistant cushion grip.



Product					Weight	
ID No.	Size	D	Н	L	lbs.	ASME Spec.
J1433G J1434G J1435G	2.5 lbs. 3 lbs. 4 lbs.	1-11/16" 1-7/8" 2"	3" 4-1/2" 5"	14" 14" 14"	3.28 lbs. 3.94 lbs. 4.84 lbs.	ASME B107.54M ASME B107.54M ASME B107.54M

SLEDGE HAMMERS - DOUBLE FACED

- Designed for striking metal, concrete and stone.
- · Strong fiberglass handle with smooth, slip-resistant cushion grip.

Product					Weight
ID No.	Size	D	Н	L	lbs.
J1436G	6 lbs.	2-1/4"	5-3/4"	32"	8.05 lbs.
J1437G	8 lbs.	2-3/8"	6-1/2"	32"	10.14 lbs.
J1438G	10 lbs.	2-1/2"	7-1/2"	32"	12.36 lbs.
J1439G	12 lbs.	2-3/4"	7-3/8"	32"	14.50 lbs.



CROSS PEIN HAMMERS

- For use with unhardened metals.
- Pein is designed for shaping and bending metals.
- Strong fiberglass handle with slip-resistant cushion grip.

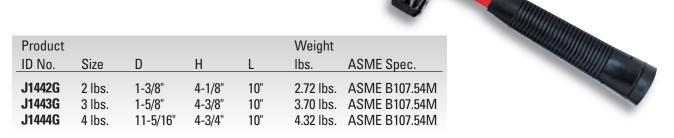
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Product					Weight		
ID No.	Size	D	Н	L	lbs.	ASME Spec.	
J1440G	2.5 lbs.	1-3/4"	5"	14"	3.89 lbs.	ASME B107.54M	
J1441G	4 lbs.	1-15/16"	5-35/64"	14"	4.45 lbs.	ASME B107.54M	

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HAND DRILLING HAMMERS

- Well-balanced, drop-forged steel head with a hardened face.
- Designed for use with chisels, punches, star drills, and hardened nails.
- Fiberglass handle.



BRASS HAMMERS

- Mar-resistant soft brass head helps absorb impact and helps reduce work damage.
- Non-sparking for safe use near combustible materials.
- Fiberglass handle.

Product					Weight
ID No.	Size	D	Н	L	lbs.
J1430G J1431G	1.5 lbs. 3.8 lbs.	1-1/2" 2"	3-1/2" 3-5/8"	12" 12"	2.09 lbs. 4.38 lbs.
J1432G	2.6 lbs.	1-3/4"	3-1/2"	12"	3.45 lbs.

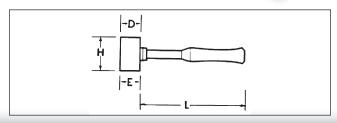


DEAD BLOW HAMMERS

- Spark-resistant for safe use near combustible materials.
- Head contains steel shot to help prevent rebound and vibration.
- Fiberglass handle.

Product ID No.	Size	D	Н		Weight lbs.
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J1429DB	1 lbs.	1-5/8"	4"	12"	1.73 lbs.
J1430DB	2 lbs.	2"	4-3/8"	12-3/4"	2.16 lbs.
J1432DB	3 lbs.	2-7/16"	4-5/8"	14"	2.62 lbs.
J1431DB	4 lbs.	2-5/8"	5"	14-3/8"	3.28 lbs.







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