



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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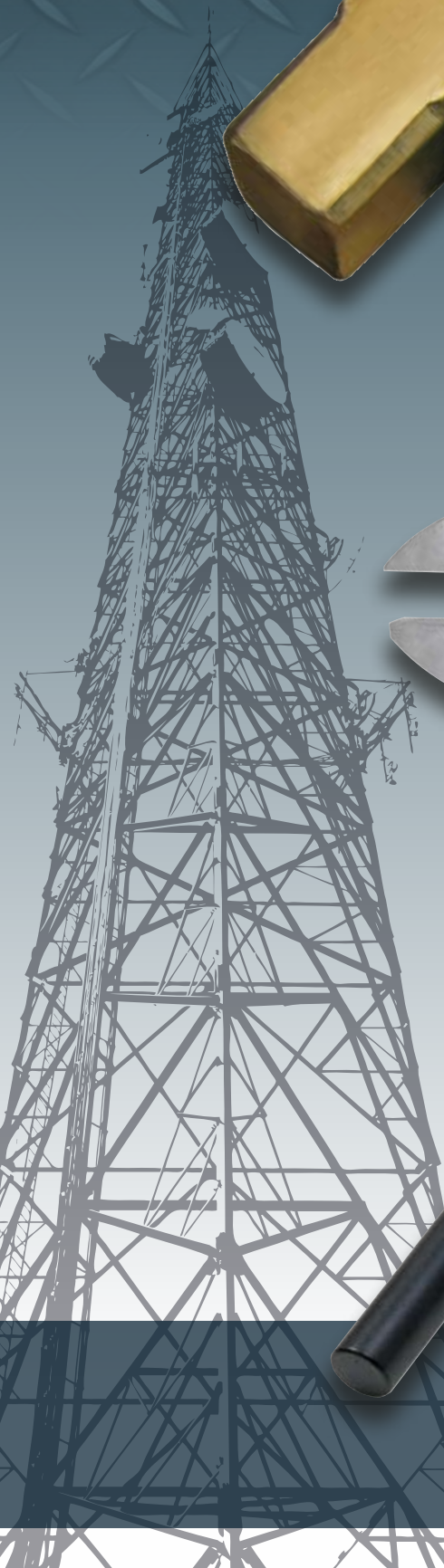
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

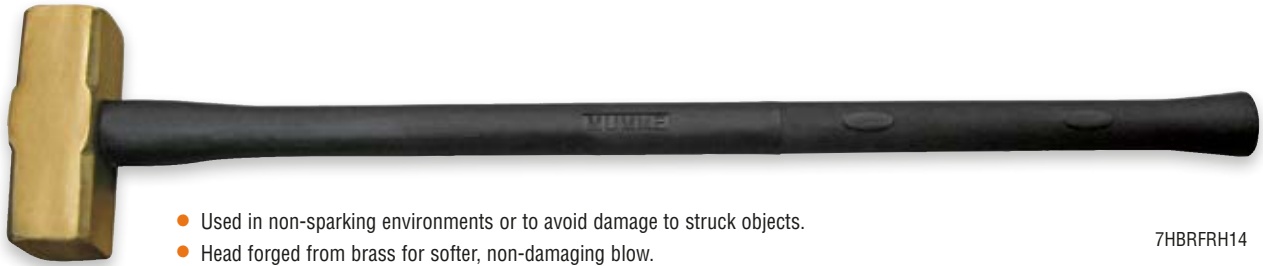


HEAVY INDUSTRY



KLEIN TOOLS 
For Professionals... Since 1857™

Brass Sledge Hammers – Fiberglass Rubber Grip Handle



- Used in non-sparking environments or to avoid damage to struck objects.
- Head forged from brass for softer, non-damaging blow.
- Head is pinned to handle as well as epoxied to prevent head coming off.
- Comfortable, thick rubber grip handle for better protection from shock and vibration.
- Handle includes both overstrike protection and large sweep at base to prevent loss of grip.

7HBRFRH14

Cat. No.	Head Weight	Overall Length	Weight
7HBRFRH04	4 lbs. (1.81 kg)	16" (400 mm)	4.89 lbs. (2.22 kg)
7HBRFRH07	7 lbs. (3.17 kg)	32" (800 mm)	9.87 lbs. (4.48 kg)
7HBRFRH10	10 lbs. (4.53 kg)	36" (900 mm)	12.23 lbs. (5.55 kg)
7HBRFRH14	14 lbs. (6.35 kg)	36" (900 mm)	16.73 lbs. (7.59 kg)

Fox Wedges – Steel

- Used for splitting mating surfaces.
- Also used for leveling machinery and structures before fixing in place.
- Forged and ground blade with fine edge for easy entry.



5FW10025

Cat. No.	Width	Thickness	Overall Length	Weight
5FW07538	1-1/2" (38 mm)	1/2" (12 mm)	3" (75 mm)	0.35 lbs. (0.16 kg)
5FW10025	1" (25 mm)	5/16" (8 mm)	4" (100 mm)	0.22 lbs. (0.10 kg)
5FW17550	2" (50 mm)	1/2" (12 mm)	7" (175 mm)	1.01 lbs. (0.46 kg)
7FW27050	2" (50 mm)	1" (25 mm)	11" (270 mm)	4 lbs. (1.83 kg)

Fox Wedge – Stainless Steel

- Used for splitting mating surfaces and for packing machinery and structures before fixing.
- Also used in the marine environment because of its corrosion-resistant properties.
- Forged from stainless steel for greater hardness and non-magnetic properties.
- Ground blade with fine edge for easy entry.
- Correctly heat treated to best suit product application.



7FWSS10025

Cat. No.	Width	Thickness	Overall Length	Weight
7FWSS10025	1" (25 mm)	5/16" (8 mm)	4" (100 mm)	0.22 lbs (0.10 kg)

Hand-Saver Punches

- Used to safely drive out pins and keys in machinery.
- Long, two-handed rubber handle to lessen shocks from blows.
- Head attached with wire rope to reduce shock.
- Urethane ring around head to reduce likelihood of chipping.
- Heat-treated punch, so it will not shatter.



7WRP22

Cat. No.	Diameter	Shaft Length	Weight
7WRP13	1/2" (13 mm)	4-3/4" (120 mm)	2.98 lbs. (1.35 kg)
7WRP16	5/8" (16 mm)	4-3/4" (120 mm)	3.20 lbs. (1.45 kg)
7WRP19	3/4" (19 mm)	4-3/4" (120 mm)	3.64 lbs (1.65 kg)
7WRP22	7/8" (22 mm)	4-3/4" (120 mm)	4.41 lbs. (2.00 kg)
7WRP25	1" (25 mm)	4-3/4" (120 mm)	4.63 lbs. (2.10 kg)
7WRP32	1-1/4" (32 mm)	4-3/4" (120 mm)	5.29 lbs. (2.40 kg)



Adjustable-Head Construction Wrench



- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.
- Industrial black finish for corrosion resistance.
- Handy lanyard hole (Cat. No. 3227).

Cat. No.	Max. Size Capacity	Length	Weight
3239	1-1/2" (38 mm)	16" (406 mm)	2.36 lbs. (1.07 kg)
3227	1-5/16" (33 mm)	11" (279 mm)	1.19 lbs. (0.54 kg)



Broad Head Bull Pins

- Forged, heat-treated bull pin increases efficiency and safety by providing a larger striking surface.
- Angled head and smooth blending of radii increase strength and reduce the danger of chipping.
- Below the head, squared-off shoulders have been forged to provide a surface for applying wrench to loosen wedged bull pins.
- Long, even taper reduces binding and hang-up.
- Added resistance to "mushrooming" permitting much longer use than is possible with conventional designs.
- Heat-treated for strength, black finish for rust resistance.



Cat. No.	Top Diameter	Point Diameter	Length	Weight
3255	1-1/4" (32 mm)	5/16" (8 mm)	13-3/4" (349 mm)	2.90 lbs. (1.32 kg)
3256	1-1/16" (27 mm)	1/4" (6 mm)	10" (254 mm)	1.60 lbs. (0.73 kg)

Note: OSHA 1926.301 (c) specifically states: "Impact tools, such as drift pins, wedges and chisels, shall be kept free of mushroomed heads."

Ironworker's Pliers

- Twists and cuts soft annealed rebar tie wire.
- Hook bend handle.
- Spring-loaded action for self-opening.
- Heavy-duty knurled jaws.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Knife Length	Weight
D2000-7CST	9-1/4" (235 mm)	1-9/32" (33 mm)	1-5/32" (29 mm)	5/8" (16 mm)	0.70 lbs. (0.32 kg)
D2000-9ST	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	25/32" (20 mm)	1.10 lbs. (0.50 kg)



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Leather-Bottom Buckets

- Load Rated 100 lbs.
- No. 1 canvas.
- Leather reinforced bottom.
- Leather cuff extends 3" (76 mm) up the side.
- Inside pocket measures 8" x 8" (203 mm x 203 mm).
- Rope handle.



LOAD RATED

5104

Cat. No.	Diameter	Height	Extra Features	Weight
5104	12" (305 mm)	17" (432 mm)	N/A	2.71 lbs. (1.22 kg)
5104S	12" (305 mm)	17" (432 mm)	Swivel snap (Cat. No. 2012)	2.93 lbs. (1.33 kg)

Wide-Opening Straight-Wall Buckets

- No. 6 canvas.
- Black molded polypropylene bottom.



5109



5109SLR

LOAD RATED

Cat. No.	Diameter	Height	Extra Features	Load Rating	Weight
5109	12" (305 mm)	15" (381 mm)	N/A	75 lbs. (34 kg)	2.06 lbs. (0.93 kg)
5109SLR	12" (305 mm)	15" (381 mm)	N/A	150 lbs. (68 kg)	5.95 lbs. (2.70 kg)
5109P	12" (305 mm)	15" (381 mm)	One 8" x 8" (203 x 203 mm) inside pocket	75 lbs. (34 kg)	2.12 lbs. (0.96 kg)
5109S	12" (305 mm)	15" (381 mm)	Swivel snap (Cat. No. 2012)	75 lbs. (34 kg)	2.35 lbs. (1.07 kg)
5109PS	12" (305 mm)	15" (381 mm)	One 8" x 8" (203 x 203 mm) inside pocket and swivel snap (Cat. No. 2012)	75 lbs. (34 kg)	2.40 lbs. (1.09 kg)

Load-Rated Top-Closing Buckets

- 14" diameter models accommodate standard 5-gallon buckets.
- Body constructed of heavy-duty No. 1 canvas.
- Leather reinforced bottom extends 3" up the side.
- Durable steel rim.



5104VT



5104CLR17

LOAD RATED

Cat. No.	Closure	Diameter	Height	Load Rating	Weight
5104CLR17	Zipper	14" (356 mm)	17" (432 mm)	150 lbs. (68 kg)	6.70 lbs. (3.04 kg)
5104CLR22	Zipper	14" (356 mm)	22" (559 mm)	150 lbs. (45 kg)	6.95 lbs. (3.15 kg)
5104VT	VELCRO®	12" (305 mm)	17" (432 mm)	100 lbs. (45 kg)	3.00 lbs. (1.36 kg)

VELCRO® is a registered trademark of VELCRO Industries B. V.



Extra-Tall Top-Closing Bolt Bag

- Durable 3" drawstring closing top prevents items from falling out of pouch at height.
- Extra tall construction for more storage space.
- Pouch constructed of heavy-duty No. 4 canvas.

Cat. No.	Length	Width	Height	Weight
5416TCP	5" (127 mm)	9" (229 mm)	12" (305 mm)	1.00 lbs. (0.45 kg)



5416TCP

Bull-Pin and Bolt Bag

- No. 4 canvas or split-leather with double bottom.
- Bolt bag with bull-pin loop on each side.
- Tunnel loop fits belts up to 3" (76 mm) wide.

Cat. No.	Length	Width	Height	Weight
5416T	5" (127 mm)	9" (229 mm)	10" (254 mm)	.90 lbs. (0.41 kg)



5416T

Hard-Body Aerial Bucket

- 29 total pockets.
- Constructed of rugged denier polyester to resist wear and tear on the jobsite.
- Black molded polypropylene bottom with drain holes.

Cat. No.	Interior Pockets	Exterior Pockets	Length	Width	Height	Weight
5144BHB140S	15	14	14" (356 mm)	7" (178 mm)	10" (254 mm)	3.00 lbs. (1.36 kg)



5144BHB140S

Lineman Backpack

- Wide opening easily accommodates helmets, belts and other equipment.
- Large front pocket for separate storage of gaffs, rubber gloves or other equipment.
- Padded back area.
- Durable, double stitched plastic bottom with drain holes.
- Adjustable padded shoulder straps with adjustable chest strap.

Cat. No.	Length	Width	Height	Weight
5185ORA	18" (457 mm)	10" (254 mm)	23" (584 mm)	5.80 lbs. (2.63 kg)



5185ORA

Vinyl Equipment Bag

- Two large outside pockets with VELCRO®.
- Adjustable, padded shoulder strap.
- Durable, double-stitched plastic bottom.
- Convenient rain flap with VELCRO®.
- Two heavy-duty, slide-action buckles to conveniently close bag.
- Wide-opening, steel frame securely riveted to top of bag helps maintain bags shape.



5182BLA

Cat. No.	Length	Width	Height	Weight
5182BLA	24" (610 mm)	10" (254 mm)	20" (508 mm)	7.00 lbs. (3.18 kg)

VELCRO® is a registered trademark of VELCRO Industries B. V.



Tradesman Pro™ Organizer Backpack

- 39 pockets for tons of tool storage.
- Orange interior for easy tool visibility.
- Wide opening fits power drills, meters, flashlights, etc.
- Tough, durable molded bottom protects from the elements.
- Frees hands to maintain three points of contact.

Cat. No.	Interior Pockets	Exterior Pockets	Length	Width	Height	Weight
55421-BP	34	5	14" (356 mm)	7" (178 mm)	18" (457 mm)	5.34 lbs. (2.42 kg)



55421-BP

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10" Klaw™ Pump Pliers

- Unique jaw design provides multiple points of contact for maximum torque.
- Push button and quick ratchet feature allows for fast and easy adjustment to any position (D504-10B).
- Compact, narrow design for easy work in small or hard-to-reach spaces.
- Gripping surface with specially hardened teeth for reduced wear and positive grip.
- Extended grips for added comfort.



D504-10



D504-10B

Cat. No.	Overall Length	Max. Jaw Capacity	Weight
D504-10	9-7/8" (250 mm)	2-1/8" (54 mm)	0.81 lbs. (0.37 kg)
D504-10B	10-1/8" (257 mm)	2-1/8" (54 mm)	0.79 lbs. (0.36 kg)

Lightweight Lockback Sheepfoot Blade Knives



44005

- Sheepfoot blades are AUS8 stainless steel hardened to 58-59 Rc.
- Premium quality blade offers superior edge holding.
- Reversible thumb stud provides easy one-handed opening.



44006



Cat. No.	Blade Length	Length Open	Length Closed	Handle Material	Belt Clip	Weight
44005	2-5/8" (67 mm)	6-3/4" (171 mm)	4-1/8" (105 mm)	Nylon resin with rubber insert	No	0.16 lbs. (0.07 kg)
44006	2-5/8" (67 mm)	6-1/8" (156 mm)	3-1/2" (89 mm)	Silver-anodized aluminum	Removable	0.08 lbs. (0.04 kg)

Messenger and Guy Strand Haven's® Grips – 1604 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area.



1604-20



1604-20L

Cat. No.	Latch Model	Min to Max. Cable Diameter	Max. Safe Load	Weight
1604-10	N/A	.06" - .25" (1.52 mm - 6.35 mm)	2,500 lbs. (1,134 kg)	1 lb. (0.45 kg)
1604-20	1604-20L	.125" - .50" (3.18 mm - 12.70 mm)	5,000 lbs. (2,268 kg)	2.08 lbs. (1.14 kg)

Wire Rope Haven's® Grips – 1625 Series

- Designed for use when light, compact grip is desired and where cable deformation is not a factor.
- Gripping pressure of the knurled jaw is applied to 1/4" (6.35 mm) cable area.
- All 1625 series have a swing latch to help hold cable in the jaw.



1625-20

Cat. No.	Min. to Max. Cable Diameter	Max. Safe load	Weight
1625-20	.28" - .75" (7.11 mm - 19.05 mm)	8,000 lbs. (3,629 kg)	4 lbs. (1.81 kg)
1625-20 7/8	.38" - .88" (9.65 mm - 22.35 mm)	8,000 lbs. (3,629 kg)	4 lbs. (1.81 kg)
1625-20 1	.50" - 1.00" (12.70 mm - 25.40 mm)	8,000 lbs. (3,629 kg)	4 lbs. (1.81 kg)

⚠ WARNINGS:

- Grips are to be used for temporary installation, not for permanent anchorage.
- When used on or near energized lines, ground, insulate or isolate grip before pulling.
- Do not exceed rated capacity.
- Always match proper size and type of grip to application.
- Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



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3/8" Wire Rope Cutter

- Cuts 3/8" 7x19 steel and stainless steel wire rope (1/4" 7x7 for frequent use).
- Easy one-hand operation.
- Induction hardened blades for increased durability.
- Ratcheting design reduces cut force and user fatigue.
- Ergonomic handle for increased comfort.

Cat. No.	Capacity	Overall Length	Weight
63526	Frequent use: 1/4" (6.35 mm) 7x7 Steel & Stainless Steel Maximum: 3/8" (9.65 mm) 7x19 Steel & Stainless Steel	9.75" (248 mm)	1.2 lbs. (0.54 kg)



25" Standard Cable Cutter

- Replaceable hook-jaw blades grab and hold cable while shear-cutting action makes clean cuts.
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance.
- Heavy-duty pins in head serve as blade-stops.
- Jaws are forged tool steel with black-oxide finish for long life.
- Beveled tips assure positive mating, and hinge on a rugged bolt with a pin-set nut to maintain proper blade tension.
- Make a clean, even cut for ease in fitting lugs and terminals.
- Includes rubber sleeves.
- Not designed for cutting steel or ACSR.



Do NOT use to cut steel or ACSR

Cat. No.	Soft Cable Capacity	MCM Cable Capacity	Overall Length	Weight
63041TH	1-3/8" (35 mm)	Copper: 500 Aluminum: 750	25.5" (648 mm)	5.25 lbs. (2.38 kg)

Large-Diameter Ratcheting Cable Cutters

- High-leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Quick release lever opens blades easily in every cutting position. (Allows removal of the cable before completion of cut).
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimum effort.
- Hardened steel cutting blades for lasting strength and sharpness.
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag.
- Not designed for cutting steel or ACSR.

Cat. No.	Soft Cable Capacity	MCM Cable Capacity	Overall Length	Weight
63060	1-1/8" (28 mm)	Copper: 400 Aluminum: 600	10-1/4" (260 mm)	1.32 lbs. (0.60 kg)
63750	2-1/16" (52 mm)	Copper: 600 Aluminum: 750	12-1/8" (308 mm)	1.76 lbs. (0.80 kg)



Do NOT use to cut steel or ACSR

