



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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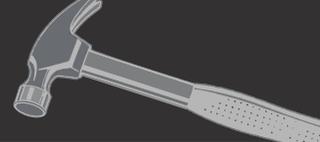


Hammers, Chisels & Punches

Klein hammers, chisels and punches are designed and created to strike through jobsite challenges. Engineered with the professional in mind, each tool is job-matched to fit the task at hand.



For Professionals...
Since 1857™



Hammers

Electrician's Straight-Claw Hammer

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Extra-long neck and narrow striking face are ideal for reaching into outlet boxes and other tight areas
- Balanced and designed specifically for use in electrical work

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 807-18 | 18.0 oz. (510 g) | 15" (381.0 mm) | 1.9 lbs. (0.86 kg) |



807-18

Straight-Claw Hammers-Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Straight-claw design for easy nail pulling in tight quarters

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 808-16 | 16.0 oz. (454 g) | 13" (330.2 mm) | 1.9 lbs. (0.86 kg) |
| 808-20 | 20.0 oz. (567 g) | 14" (355.6 mm) | 2.0 lbs. (0.91 kg) |



808-16

Curved-Claw Hammers-Heavy-Duty

- Durable plastic-alloy jacketing helps to protect neck from fraying and splintering if incorrectly struck or overstruck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Comfortable, perforated neoprene grip bonded to handle
- Curved claw gives maximum nail-pulling leverage

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 818-16 | 16.0 oz. (454 g) | 13" (330.2 mm) | 1.9 lbs. (0.86 kg) |
| 818-20 | 20.0 oz. (567 g) | 14" (355.6 mm) | 2.0 lbs. (0.91 kg) |



818-16

Lineman's Straight-Claw Hammer

- Heavy-duty, double-duty hammer drives lags and pulls large nails
- Special high-carbon steel head with solid, octagon-shaped driving end and thick, strong claw
- Straight-grain hickory handle, lacquered to withstand weather

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 832-32 | 32.0 oz. (907 g) | 15" (381.0 mm) | 2.5 lbs. (1.13 kg) |



832-32

See page 310 for additional information on warnings.



For Sledge, Brass, Copper + Normalized Hammers, see Mining Tools section

Hammers

Ball-Peen Hammers

- Forged high-carbon steel head is hardened for additional durability
- Crowned face with uniform bevel
- Smoothly rounded peen
- Straight-grain hickory handle is stained and lacquered to withstand weather



803-12

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|--------------------|--------------------|
| 803-8 | 8.0 oz. (227 g) | 11-1/2" (292.1 mm) | 12.0 oz. (340 g) |
| 803-12 | 12.0 oz. (340 g) | 12-1/2" (317.5 mm) | 1.1 lbs. (0.50 kg) |
| 803-16 | 16.0 oz. (454 g) | 13-1/2" (342.9 mm) | 1.4 lbs. (0.64 kg) |
| 803-24 | 24.0 oz. (680 g) | 15" (381.0 mm) | 1.9 lbs. (0.86 kg) |
| 803-32 | 32.0 oz. (907 g) | 15" (381.0 mm) | 2.5 lbs. (1.13 kg) |

Hand-Drilling Hammer

- Extra-heavy, forged steel head, hardened and tempered
- Short handle for working in close quarters
- Select hickory handle, triple-wedged and lacquered to withstand weather
- Special handle treatment removes handle moisture and replaces it with oil to help eliminate the effects of extreme temperatures



823-48

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|-----------------|----------------|--------------------|
| 823-48 | 48 oz. (1361 g) | 10" (254.0 mm) | 3.3 lbs. (1.50 kg) |

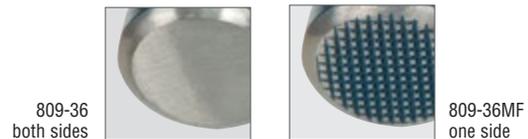
Lineman's Double-Face Hammer

- Designed for pole-line work
- Rugged and well-balanced, with the weight to drive lag bolts
- Faces with 1-3/4" (44 mm) round-crown driving surface and beveled edges
- Cat. No. 809-36MF has one milled face for driving staples used in pole-line work and common, unhardened nails
- Forged, tempered-steel head is only 3-3/4" (95 mm) long for use in tight areas



809-36

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|-----------------|----------------|--------------------|
| 809-36 | 36 oz. (1021 g) | 14" (355.6 mm) | 2.5 lbs. (1.13 kg) |
| 809-36MF | 36 oz. (1021 g) | 14" (355.6 mm) | 2.5 lbs. (1.13 kg) |



809-36
both sides

809-36MF
one side

Non-Sparking Hammers

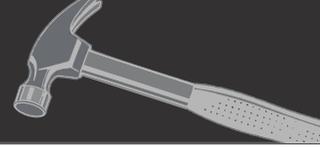
- Non-sparking, non-marring brass-head hammers
- Fiberglass handle includes TPR overmold for extra comfort and shock absorption.
- Built-in overstrike protector absorbs shock and vibration when overstrike occurs
- Large sweep at base prevents loss of grip
- Head is securely epoxied to prevent detachment
- Does not contain beryllium



819-03

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|--------------------|--------------------|--------------------|
| 819-03 | 3.0 lbs. (1.36 kg) | 15-3/4" (400.1 mm) | 3.1 lbs. (1.41 kg) |
| 819-04 | 4.0 lbs. (1.81 kg) | 16" (406.4 mm) | 4.1 lbs. (1.86 kg) |





Hammers

Setting Hammer

- Durable epoxy resin handle helps to protect neck from fraying and splintering if incorrectly struck or over struck
- High-strength fiberglass shaft absorbs shock and keeps head tight
- Cushioned, PVC grip bonded to handle
- Special high-carbon steel, octagon shaped head with flat striking surface and rounded cross peen



820-16

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 820-16 | 16.0 oz. (454 g) | 13" (330.2 mm) | 1.6 lbs. (0.73 kg) |

Riveting Hammer

- High-carbon steel round head is forged and hardened
- Flat striking surface with rounded cross peen
- Straight-grain American hickory handle is stained and lacquered



821-12

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|--------------------|--------------------|
| 821-12 | 12.0 oz. (340 g) | 12-1/4" (311.2 mm) | 1.1 lbs. (0.50 kg) |

Dead Blow Hammers

- Durable, abrasion resistant non-marring hammer face
- Increased striking force with zero impact rebound
- Design isolates user from striking impact and reduces fatigue
- 40% more driving power than other dead blow hammers
- Protects job surface from damage
- Applications: HVAC, metal fabrication, electronics, oil and mining, wood and metal assembly, automotive, aerospace
- When struck, the shot directs the striking power and increases the impact, creating a dead blow effect. The reduced rebound upon impact transfers full energy of the blow to the object being struck.



811-16

| Cat. No. | Head Weight | Overall Length | Weight |
|----------|------------------|--------------------|--------------------|
| 811-16 | 16.0 oz. (454 g) | 12-1/2" (317.5 mm) | 1.4 lbs. (0.64 kg) |
| 811-32 | 32.0 oz. (907 g) | 18" (457.2 mm) | 1.8 lbs. (0.82 kg) |



Chisels

Cold Chisels



66142

- Heat-treated, high-carbon steel for necessary hardness and durability
- Cuts, shapes and removes metal
- Corrosion-resistant black finish

| Cat. No. | Blade Width | Overall Length | Weight |
|----------|----------------|-------------------|------------------|
| 66140 | 3/8" (9.5 mm) | 5" (127.0 mm) | 1.6 oz. (45 g) |
| 66142 | 1/2" (12.7 mm) | 6" (152.4 mm) | 3.2 oz. (91 g) |
| 66143 | 5/8" (15.9 mm) | 6-1/2" (165.1 mm) | 5.6 oz. (159 g) |
| 66144 | 3/4" (19.1 mm) | 7-1/2" (190.5 mm) | 9.6 oz. (272 g) |
| 66145 | 7/8" (22.2 mm) | 8" (203.2 mm) | 13.6 oz. (386 g) |
| 66146 | 1" (25.4 mm) | 8-1/2" (215.9 mm) | 20.8 oz. (590 g) |

Cold Chisels-Long-Length



66177

- Heat-treated, high-carbon steel for necessary hardness and durability
- Cuts, shapes and removes metal
- Accurately ground edge and long length work better in hard-to-reach areas
- Corrosion-resistant black finish

| Cat. No. | Blade Width | Overall Length | Weight |
|----------|----------------|----------------|--------------------|
| 66174 | 1/2" (12.7 mm) | 12" (304.8 mm) | 6.4 oz. (181 g) |
| 66177 | 3/4" (19.1 mm) | 12" (304.8 mm) | 1.1 lbs. (0.50 kg) |
| 66183 | 1" (25.4 mm) | 12" (304.8 mm) | 2.1 lbs. (0.95 kg) |



Chisels

Electrician's Chisel

- One-piece handle and blade forged of strong alloy steel
- Corrosion-resistant black finish extends to the polished blade edge



66100

| Cat. No. | Blade Width | Overall Length | Weight |
|----------|------------------|----------------|--------------------|
| 66100 | 2-3/4" (69.9 mm) | 8" (203.2 mm) | 1.1 lbs. (0.50 kg) |

Punches

Drift Punches

- High-carbon steel for durability
- Rugged design for impact strength
- Strong, heat-treated points are smooth and precision tapered
- Corrosion-resistant black finish



66343

| Cat. No. | Point Diameter | Taper | Overall Length | Weight |
|----------|------------------|-------------------|----------------|------------------|
| 66340 | 0.125" (3.18 mm) | 4-1/4" (108.0 mm) | 8" (203.2 mm) | 3.2 oz. (91 g) |
| 66342 | 0.188" (4.76 mm) | 5" (127.0 mm) | 9" (228.6 mm) | 5.6 oz. (159 g) |
| 66343 | 1/4" (6.4 mm) | 5-1/2" (139.7 mm) | 11" (279.4 mm) | 12.0 oz. (340 g) |
| 66344 | 0.313" (7.9 mm) | 5-1/2" (139.7 mm) | 11" (279.4 mm) | 12.0 oz. (340 g) |

Center Punches

- High-carbon steel for durability
- Rugged design for impact strength
- Smooth-ground points heat-treated to stay sharp and true longer
- Corrosion-resistant black finish



66313

| Cat. No. | Shank Diameter | Overall Length | Weight |
|----------|----------------|-------------------|-----------------|
| 66310 | 1/4" (6.4 mm) | 4-1/4" (108.0 mm) | 0.8 oz. (23 g) |
| 66311 | 5/16" (7.9 mm) | 4-1/2" (114.3 mm) | 1.6 oz. (45 g) |
| 66312 | 3/8" | 5" (127.0 mm) | 1.6 oz. (45 g) |
| 66313 | 1/2" (12.7 mm) | 6" (152.4 mm) | 4.0 oz. (113 g) |

Pin Punches

- High-carbon steel for durability
- Precision-ground shank
- Heat-treated for added strength and hardness at working end
- Corrosion-resistant black finish



66324

| Cat. No. | Point Diameter | Overall Length | Weight |
|----------|------------------|-------------------|----------------|
| 66320 | .063" (1.59 mm) | 4-1/4" (108.0 mm) | 0.8 oz. (23 g) |
| 66321 | .094" (2.4 mm) | 4-3/4" (120.7 mm) | 1.6 oz. (45 g) |
| 66322 | 0.125" (3.18 mm) | 5" (127.0 mm) | 1.6 oz. (45 g) |
| 66323 | 0.156" (3.97 mm) | 5-1/4" (133.4 mm) | 1.6 oz. (45 g) |
| 66324 | 0.188" (4.76 mm) | 5-1/2" (139.7 mm) | 1.6 oz. (45 g) |
| 66325 | 1/4" (6.4 mm) | 7" (177.8 mm) | 3.2 oz. (91 g) |

