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

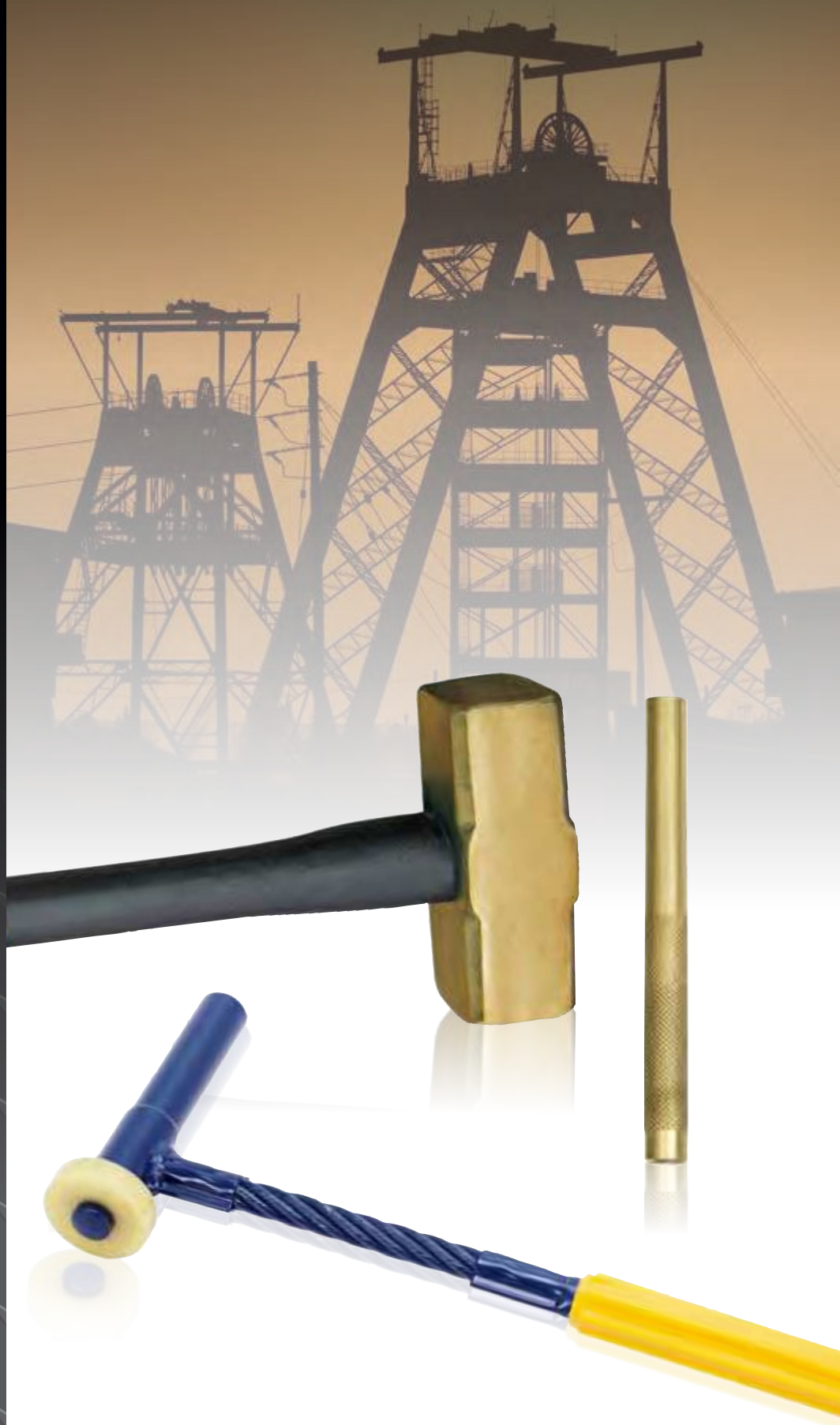
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

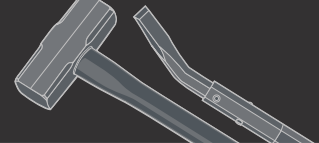


Mining & Heavy Industry Tools

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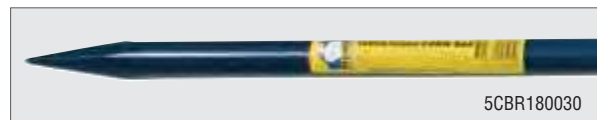
Bars – Construction

Crowbars - (St. Angelo Bars) Hexagon and Round



- Used for digging holes and breaking clay, rock and concrete
- Forged from tough high-tensile carbon manganese steel
- Ground and sharpened to a diamond point for easier digging and breaking concrete
- Long tapered blade also for easier digging
- Both ends heat treated for increased performance and strength
- Hexagon bar profile for greater control
- Round bar profile is easier on hands
- Anti-corrosive primer with enamel finish
- Precision heat treated to best suit product application

Hexagonal Bars				
Cat. No.	Blade Width	Diameter	Length	Weight
5CB150025	2" (50.8 mm)	1" (25.4 mm)	59" (1498.6 mm)	13.5 lbs. (6.12 kg)
5CB150030	2" (50.8 mm)	1-3/16" (30.2 mm)	59" (1498.6 mm)	19.0 lbs. (8.62 kg)
5CB165025	2" (50.8 mm)	1" (25.4 mm)	65" (1651.0 mm)	14.8 lbs. (6.71 kg)
5CB165030	2" (50.8 mm)	1-3/16" (30.2 mm)	65" (1651.0 mm)	20.9 lbs. (9.48 kg)
5CB180025	2" (50.8 mm)	1" (25.4 mm)	71" (1803.4 mm)	16.2 lbs. (7.35 kg)
5CB180030	2" (50.8 mm)	1-3/16" (30.2 mm)	71" (1803.4 mm)	23.0 lbs. (10.43 kg)



Round Bars				
Cat. No.	Blade Width	Diameter	Length	Weight
5CBR180022	1-1/2" (38.1 mm)	7/8" (22.2 mm)	71" (1803.4 mm)	12.0 lbs. (5.44 kg)
5CBR180025	2" (50.8 mm)	1-1/16" (27.0 mm)	71" (1803.4 mm)	17.1 lbs. (7.76 kg)
5CBR180030	2" (50.8 mm)	1-3/16" (30.2 mm)	71" (1803.4 mm)	21.4 lbs. (9.71 kg)

Gooseneck Bar-Hexagon



- Used for levering and moving objects into place with a lift and swivel motion
- Forged from tough high-tensile carbon manganese steel
- Diamond point and gooseneck ends for flexibility of use
- Gooseneck set for improved leverage
- Hexagon bar profile for greater control
- Precision heat treated to best suit product application



For more Gooseneck Bars see Steel Construction section.

Cat. No.	Hex Diameter	Length	Weight
5GNB180030	1-3/16" (30.2 mm)	71" (1803.4 mm)	24.7 lbs. (11.20kg)

Slate Bars-Hexagon (Pinch Bars)



- Used for levering and moving objects into place with a lift and swivel motion
- Forged from high-tensile carbon manganese steel for maximum strength
- Heel offset to 40° angle for optimum lifting
- Hexagon bar profile gives greater control and reduces bar roll
- Heat-treated blade ends for maximum toughness
- Precision heat treated to best suit product application



Cat. No.	Hex Diameter	Length	Weight
5PB150025	1" (25.4 mm)	59" (1498.6 mm)	13.6 lbs. (6.17 kg)
5PB150030	1-3/16" (30.2 mm)	59" (1498.6 mm)	19.6 lbs. (8.89 kg)
5PB165025	1" (25.4 mm)	65" (1651.0 mm)	15.0 lbs. (6.80 kg)
5PB165030	1-3/16" (30.2 mm)	65" (1651.0 mm)	21.9 lbs. (9.983 kg)
5PB180025	1" (25.4 mm)	71" (1803.4 mm)	16.8 lbs. (7.62 kg)
5PB180030	1-3/16" (30.2 mm)	71" (1803.4 mm)	24.3 lbs. (11.0 2kg)

Cat. No.	Hex Diameter	Length	Weight
5PB45016	5/8" (15.9 mm)	18" (457.2 mm)	1.6 lbs. (0.73 kg)
5PB60020	25/32" (19.8 mm)	24" (609.6 mm)	3.4 lbs. (1.54 kg)
5PB60025	1" (25.4 mm)	24" (609.6 mm)	5.3 lbs. (2.40 kg)
5PB75025	1" (25.4 mm)	30" (762.0 mm)	6.7 lbs. (3.04 kg)
5PB90025	1" (25.4 mm)	36" (914.4 mm)	8.0 lbs. (3.63 kg)

For more Connecting Bars Steel see Steel Construction section.

See page 310 for additional information on warnings.



Bars – Mining

Scaling Bars - Tubular Aluminum (Aluminium) - Round and Hexagon



7SCTH1800

- Used in the mining industry for prying overhanging rock
- Aluminium tube body for light weight and less user fatigue
- Inserted steel ends forged from tough carbon manganese steel
- Heel offset to 40° angle for optimum levering
- Precision heat treated to best suit product application
- Round bar profile is easier on hands
- Hexagon bar profile for greater control



Cat. No.	Diameter	Length	Weight
7SCT1800	1-1/4" (31.8 mm)	71" (1803.4 mm)	6.4 lbs. (2.90 kg)
7SCT3660	1-1/4" (31.8 mm)	144" (3657.6 mm)	9.3 lbs. (4.22 kg)
7SCT4320	1-1/4" (31.8 mm)	170" (4318.0 mm)	10.2 lbs. (4.63 kg)



Cat. No.	Diameter	Length	Weight
7SCTH1800	1-1/4" (31.8 mm)	71" (1803.4 mm)	6.5 lbs. (2.95 kg)
7SCTH2400	1-1/4" (31.8 mm)	94-1/2" (2400.3 mm)	7.5 lbs. (3.40 kg)

Scaling Bars-Chrome Alloy Steel-Hexagon



7SC150019

- Used in the mining industry for prying overhanging rock
- Forged from chrome alloy steel
- Heat-treated blades for maximum toughness
- Hex profile for good control
- Heel offset to 40° angle for optimum levering
- Precision heat treated to best suit product application



Cat. No.	Hex Diameter	Length	Weight
7SC120019	25/32"	47" (1193.8 mm)	6.9 lbs. (3.13 kg)
7SC150019	25/32"	59" (1498.6 mm)	8.6 lbs. (3.90 kg)
7SC180019	25/32"	71" (1803.4 mm)	10.3 lbs. (4.67 kg)
7SC210019	25/32"	83" (2108.2 mm)	12.0 lbs. (5.44 kg)
7SC240019	25/32"	94-1/2" (2400.3 mm)	13.8 lbs. (1.7 kg)

Chisels & Punches

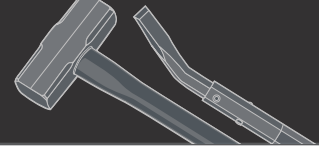
Cold Chisels-Alloy Cross Cut



7CHC15013

- Used for removing oil seals
- Also used for cutting in corners and difficult or confined areas
- Forged from chrome alloy steel to give a harder blade with great resilience
- Precision hardened and tempered so blade will not shatter when struck hard
- Accurately ground to the optimum angle for cutting

Cat. No.	Blade Width	Overall Length	Weight
7CHC15013	1/4" (6.4 mm)	6" (152.4 mm)	4.2 oz. (119 g)
7CHC17516	5/16" (7.9 mm)	7" (177.8 mm)	8.0 oz. (227 g)
7CHC20020	3/8" (9.5 mm)	8" (203.2 mm)	8.8 oz. (249 g)



Chisels & Punches

Brass Punches

- Used where a softer punch is needed, e.g. where damage may occur from using a hardened punch
- Selected brass, correct composition for punch use
- Knurled handle for gripping easily
- Chamfered head for safety

Cat. No.	Diameter	Overall Length	Weight
4BP10	3/8" (9.5 mm)	6" (152.4 mm)	3.5 oz. (99 g)
4BP12	1/2" (12.7 mm)	7" (177.8 mm)	4.8 oz. (136 g)
4BP16	5/8" (15.9 mm)	7" (177.8 mm)	10.6 oz. (301 g)
4BP19	3/4" (19.1 mm)	8" (203.2 mm)	17.6 oz. (499 g)
7BP29219	3/4" (19.1 mm)	11-1/2" (292.1 mm)	1.5 lbs. (0.68 kg)
7BP29225	1" (25.4 mm)	11-1/2" (292.1 mm)	2.8 lbs. (1.27 kg)
7BP29232	1-1/4" (31.8 mm)	11-1/2" (292.1 mm)	4.3 lbs. (1.95 kg)



4BP16

Cat. No.	Set Contains	Weight
4BPSET5		4.4 lbs. (2.00 kg)
Cat. No.	Diameter	Overall Length
4BP10	3/8" (9.5 mm)	6" (152.4 mm)
4BP12	1/2" (12.7 mm)	7" (177.8 mm)
4BP16	5/8" (15.9 mm)	7" (177.8 mm)
4BP19	3/4" (19.1 mm)	8" (203.2 mm)
4BP25	1" (25.4 mm)	8" (203.2 mm)

Pin Punches

- Used for driving out and removing pins and keys
- Tough and resilient shaft made from quality tool steel
- Heat treated for durability and strength
- Soft head for safety; will mushroom, not chip
- Knurled handle for gripping easily



4PPL06.5

Cat. No.	Diameter	Overall Length	Weight
4PPL02.5	3/32" (2.4 mm)	2-5/32" (54.8 mm)	0.13 lbs. (0.06 kg)
4PPL03	7/64" (2.8 mm)	2-5/32" (54.8 mm)	0.13 lbs. (0.06 kg)
4PPL04	5/32" (4.0 mm)	2-23/64" (59.9 mm)	0.13 lbs. (0.06 kg)
4PPL05	3/16" (4.8 mm)	2-35/64" (64.7 mm)	0.15 lbs. (0.07 kg)
4PPL06	15/64" (6.0 mm)	2-35/64" (64.7 mm)	0.15 lbs. (0.07 kg)
4PPL06.5	1/4" (6.4 mm)	2-35/64" (64.7 mm)	0.17 lbs. (0.08 kg)
4PPL08	5/16" (7.9 mm)	2-3/4" (69.9 mm)	0.24 lbs. (0.11 kg)
4PPL10	25/64" (9.9 mm)	2-3/4" (69.9 mm)	0.35 lbs. (0.16 kg)

Cat. No.	Set Contains	Weight
4PPLSET8		
Cat. No.	Diameter	Overall Length
4PPL02.5	3/32" (2.4 mm)	2-5/32" (54.8 mm)
4PPL03	7/64" (2.8 mm)	2-5/32" (54.8 mm)
4PPL04	5/32" (4.0 mm)	2-23/64" (59.9 mm)
4PPL05	3/16" (4.8 mm)	2-35/64" (64.7 mm)
4PPL06	15/64" (6.0 mm)	2-35/64" (64.7 mm)
4PPL06.5	1/4" (6.4 mm)	2-35/64" (64.7 mm)
4PPL08	5/16" (7.9 mm)	2-3/4" (69.9 mm)
4PPL10	25/64" (9.9 mm)	2-3/4" (69.9 mm)

Construction Tools

Starter Drift

- Used for aligning holes in heavy construction
- Forged from tough high-tensile carbon manganese steel
- Designed for driving with hammer
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Hex profile for increased control
- Correctly heat treated to best suit product application



5SDL45025

Cat. No.	Point Diameter	Diameter	Overall Length	Weight
5SDL45025	0.500 (12.70 mm)	1-3/32" (27.8 mm)	18" (457.2 mm)	3.48 lbs. (1.58 kg)

Construction Tools

Barrel Drifts

- Used for aligning holes in construction
- Also used for expanding holes in mild steel
- Forged from tough high-tensile steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Will not score edge when driven hard
- Precision heat treated to best suit product application



5BD24

Cat. No.	Point Diameter	Diameter	Overall Length	Weight
5BD19	23/64" (9.1 mm)	3/4" (19.1 mm)	6-9/32" (159.5 mm)	0.61 lbs. (0.28 kg)
5BD20	3/8" (9.5 mm)	25/32" (19.8 mm)	7-5/64" (179.8 mm)	0.77 lbs. (0.35 kg)
5BD30	0.578" (14.7 mm)	1-3/16" (30.2 mm)	7-7/8" (200.0 mm)	1.8 lbs. (0.82 kg)
5BD33	0.156" (3.97 mm)	1-19/64" (32.9 mm)	7-7/8" (200.0 mm)	2.3 lbs. (1.04 kg)

Podger Pins (Broad Head Bull Pins)

- Used for aligning holes and expanding holes in mild steel
- Forged from tough high-tensile carbon manganese steel
- Forged, not turned, long tapered point for ease of aligning
- For added safety, forged head prevents pin being driven right through hole and falling
- Hex shaft allows spanner to be used to assist removal
- Can be carried on belt
- Precision heat treated to best suit product application



5POP25

Cat. No.	Diameter Across Hexagon Points	Hexagon Shaft Diameter	Overall Length	Weight
5POP25	1-3/32" (27.8 mm)	1"	16" (406.4 mm)	3.3 lbs. (1.50 kg)
5POP30	1-5/16"	1-3/16"	16" (406.4 mm)	4.5 lbs. (2.04 kg)

For more Barrel and Bull Pins see Steel Construction section.

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
- Precision heat treated to best suit product application



7FWSS10025

Cat. No.	Width	Thickness	Material	Overall Length	Weight
5FW07538	1-1/2" (38.1 mm)	1/2" (12.7 mm)	Steel	3" (76.2 mm)	0.35 lbs. (0.16 kg)
5FW10025	1" (25.4 mm)	5/16" (7.9 mm)	Steel	4" (101.6 mm)	0.22 lbs. (0.10 kg)
5FW17550	2" (50.8 mm)	1/2" (12.7 mm)	Steel	7" (177.8 mm)	1.01 lbs. (0.46 kg)
7FW27050	2" (50.8 mm)	1" (25.4 mm)	Steel	11" (279.4 mm)	4.0 lbs. (1.81 kg)
7FWSS10025	1" (25.4 mm)	5/16" (7.9 mm)	Stainless Steel	4" (101.6 mm)	3.5 oz. (99 g)

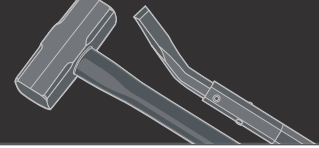
Pry Bar



5PRBP45016

- Used for prying, separating flanges and aligning holes
- Forged from tough high-tensile carbon manganese steel
- Thin, finely ground curved chisel end for ease of entry between surfaces
- Forged, not turned, long tapered point for maximum strength
- Hexagon profile for greater control
- Precision heat treated to best suit product application

Cat. No.	Chisel Width	Hex Diameter	Overall Length	Weight
5PRBP45016	25/32" (19.8 mm)	5/8"	18" (457.2 mm)	1.7 lbs. (0.77 kg)



Construction Tools

Spoon Bar - Round



5SB75022

- Used for levering, prying between surfaces and aligning holes
- Forged from resilient 4140 steel
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Thin spoon blade ends provide easy access between surfaces and a gentle rolling lift
- Correctly heat treated to best suit product application
- Spoon end is at 40° angle

Cat. No.	Point Diameter	Body Diameter	Overall Length	Weight
5SB75022	1/4" (6.4 mm)	7/8" (22.2 mm)	30" (762.0 mm)	4.40 lbs. (2.00 kg)

Podger Bars - Hexagon



5POB37520

- Used for levering and aligning
- Forged from tough high-tensile carbon manganese steel
- Heel set to 40° angle for optimum levering; blade ground to 30° angle for easy entry between surfaces
- Taper is forged, not turned, for finer grain, giving greater tensile strength
- Hexagon profile for greater control and to minimize bar roll
- Precision heat treated to best suit product application

Cat. No.	Point Diameter	Hex Diameter	Overall Length	Weight
5POB37516	0.313" (7.9 mm)	5/8"	15" (381.0 mm)	1.2 lbs. (0.54 kg)
5POB37520	0.375" (9.5 mm)	25/32"	15" (381.0 mm)	1.8 lbs. (0.82 kg)
5POB45016	0.313" (7.9 mm)	5/8"	18" (457.2 mm)	1.5 lbs. (0.68 kg)
5POB45020	0.375" (9.5 mm)	25/32"	18" (457.2 mm)	2.3 lbs. (1.04 kg)
5POB60020	0.375" (9.5 mm)	25/32"	24" (609.6 mm)	3.2 lbs. (1.45 kg)
5POB90020	0.375" (9.5 mm)	25/32"	36" (914.4 mm)	4.9 lbs. (2.22 kg)

Star Dropper Hammer



5SDSH

- Used for driving in star (fencing) droppers
- Also used to drive in marker pegs, stakes and concreting stakes
- Heavy unit drives droppers very quickly and efficiently
- Solid steel handles and slug are welded together, which gives greater strength

Cat. No.	Internal Diameter	Overall Length	Weight
5SDSH	2-1/8" (54.0 mm)	33-55/64" (860.0 mm)	19.1 lbs. (8.66 kg)

Construction Tools

Star Dropper Remover

- Used for removing star droppers (also called star pickets or fencing droppers)
- Also used for removing selected pipes and steel pegs
- Gripper made from high-tensile steel for durability and long life
- Gripper bites efficiently into dropper for easy extraction
- Long handle for excellent leverage

Cat. No.	Handle Length	Slot Opening	Overall Height	Weight
5SDR	36" (914.4 mm)	1-21/64" x 2" (33.7 x 50.8 mm)	32" (812.8 mm)	17.8 lbs. (8.07 kg)



5SDR

Hammers

Drill Hammer - Wooden Handle



5HDRH20

- Used for mining and confined environments
- Also ideal for close work with enough head weight for effective hammering
- Head forged from high-tensile carbon manganese steel, with hardened and tempered face and claw
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort
- Handle is fitted to head with a glued wooden and steel wedge assembly
- Precision heat treated to best suit product application
- This product must be maintained in accordance with Australian standard AS 3797:1991

Cat. No.	Head Weight	Overall Length	Weight
5HDRH20	4.4 lbs. (2.00 kg)	16" (406.4 mm)	4.6 lbs. (2.09 kg)

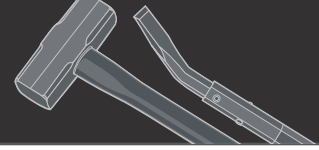
Mason's Club Hammer-Wooden Handle



5HCMH135

- Great all-around club hammer for general striking applications
- Forged from tough high-tensile carbon manganese steel, with hardened and tempered face and claw
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort
- Ideal for work in confined spaces
- Handle is fitted to head with a glued wooden and steel wedge assembly
- Precision heat treated to best suit product application
- This product must be maintained in accordance with Australian standard AS 3797:1991

Cat. No.	Head Weight	Overall Length	Weight
5HCMH135	3.0 lbs. (1.36 kg)	10" (254.0 mm)	3.5 lbs. (1.59 kg)



Hammers

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 increased protection from shock and vibration
- Handle includes both overstrike protection and large sweep at base to prevent loss of grip
- This product must be maintained in accordance with Australian standard AS 3797:1991

7HBRFRH14

Cat. No.	Head Weight	Overall Length	Weight
7HBRFRH04	4.0 lbs. (1.81 kg)	16" (406.4 mm)	4.9 lbs. (2.22 kg)
7HBRFRH07	7.0 lbs. (3.18 kg)	32" (812.8 mm)	9.9 lbs. (4.49 kg)
7HBRFRH10	10 lbs. (4.54 kg)	36" (914.4 mm)	12.2 lbs. (5.53 kg)
7HBRFRH14	14.0 lbs. (6.35 kg)	36" (914.4 mm)	16.8 lbs. (7.62 kg)

Chipping Hammer - Rubber Grip

- Used for chipping off slag and spatter around welds
- Also used as geologists' or miners' tool
- Head forged from chrome alloy steel and hardened and tempered for maximum toughness
- Ground and sharpened vertical chisel and diamond point
- Excellent balance with hardened ends that do not flatten when chipping
- Precision heat treated to best suit product application



5WHRG

Cat. No.	Head Length	Overall Length	Weight
5WHRG	6-11/16" (169.9 mm)	10-15/64" (260.0 mm)	1.1 lbs. (0.50 kg)

Safety Punches & Tyre (Tire) Levers

Wire Rope 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



Cat. No.	Diameter	Shaft Length	Weight
7WRP13	1/2" (12.7 mm)	4-3/4" (120.7 mm)	3.0 lbs. (1.36 kg)
7WRP16	5/8" (15.9 mm)	4-3/4" (120.7 mm)	3.2 lbs. (1.45 kg)
7WRP19	3/4" (19.1 mm)	4-3/4" (120.7 mm)	3.6 lbs. (1.63 kg)
7WRP22	7/8" (22.2 mm)	4-3/4" (120.7 mm)	4.4 lbs. (2.00 kg)
7WRP25	1" (25.4 mm)	4-3/4" (120.7 mm)	4.6 lbs. (2.09 kg)
7WRP32	1-1/4" (31.8 mm)	4-3/4" (120.7 mm)	5.3 lbs. (2.40 kg)

7WRP22