

KLEIN TOOLS®

MINING & HEAVY INDUSTRY TOOLS

Catalog 74



Featuring Mumme Products

www.mummetools.com

MINING & HEAVY INDUSTRY TOOLS



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The Mumme Products range of forged hand tools are produced to the highest possible standards for use in the mining and heavy construction industries. Using the highest-quality materials with safety as our priority, we design and manufacture superior-quality products available worldwide.

FOR Professionals... Since 1936



Mumme Products



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In 1936, the Mumme family began a small tool business in Australia when Bill Mumme started forging copper soldering irons. Three generations and 70+ years later, Mumme Products is Australia's leading brand of quality, forged hand tools.

The Mumme family developed the product range into an outstanding portfolio of products for mining, construction and general industries. Because of meticulous production methods, introduction of new products and strategic business acquisitions, the business has grown dramatically from humble beginnings to a world-class forging and production facility.

For decades, Mumme Products has manufactured the highest-quality products for the Australian market. Even under the most severe applications, Mumme's high-density, fine-grained forged tools continue to lead the industry in product performance and quality. The Mumme Products brand of tools is now exclusively specified for use in many global mining sites, defense and emergency services, government departments, and by builders and contractors. We have stuck by our commitment to make tools that "do their job" and we work closely with customers to create the tools that they need.



MINING & HEAVY INDUSTRY TOOLS

Please visit www.mummetools.com for downloadable PDF-formatted Catalog.

Bars – Construction



Crowbars – Hexagon



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

5CB180025



Cat No	Blade Width	Hexagon Diameter	Length	Weight
5CB150025	2" (50 mm)	1" (25 mm)	59" (1500 mm)	13.49 lbs. (6.12 kg)
5CB150030	2" (50 mm)	1-3/16" (30 mm)	59" (1500 mm)	18.95 lbs. (8.60 kg)
5CB165025	2" (50 mm)	1" (25 mm)	65" (1650 mm)	14.77 lbs. (6.70 kg)
5CB165030	2" (50 mm)	1-3/16" (30 mm)	65" (1650 mm)	20.94 lbs. (9.50 kg)
5CB180025	2" (50 mm)	1" (25 mm)	71" (1800 mm)	16.20 lbs. (7.35 kg)
5CB180030	2" (50 mm)	1-3/16" (30 mm)	71" (1800 mm)	23.03 lbs. (10.45 kg)

Crowbars – Round



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

5CBR180030

Cat. No.	Blade Width	Diameter	Length	Weight
5CBR180022	1-1/2" (38 mm)	7/8" (22 mm)	71" (1800 mm)	12.12 lbs. (5.50 kg)
5CBR180025	2" (50 mm)	1-1/16" (27 mm)	71" (1800 mm)	17.08 lbs. (7.75 kg)
5CBR180030	2" (50 mm)	1-3/16" (30 mm)	71" (1800 mm)	21.38 lbs. (9.70 kg)

Fence Bars – Round



- Used for digging holes, breaking clay and tamping posts tight.
- Forged from tough high-tensile carbon manganese steel.
- Long, tapered blade for easier digging.
- Blade heat treated for strength and performance.
- Knob is forged on bar, not welded, and is optimum size for tamping.
- Round bar profile easier on hands.
- Anti-corrosive primer with enamel finish.

5FBR165025

Cat. No.	Blade Width	Diameter	Length	Weight
5FBR165025	2" (50 mm)	1-1/16" (27 mm)	65" (1650 mm)	16.64 lbs. (7.55 kg)
5FBR180025	2" (50 mm)	1-1/16" (27 mm)	71" (1800 mm)	18.03 lbs. (8.18 kg)
5FBR180030	2" (50 mm)	1-3/16" (30 mm)	71" (1800 mm)	22.59 lbs. (10.25 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Bars – Construction



Fence Bars – Hexagon

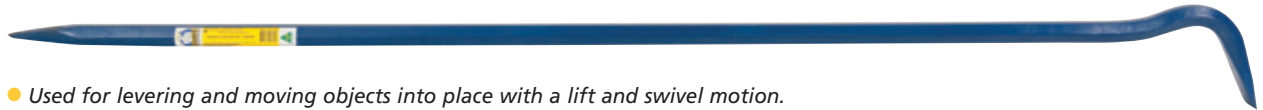


- Used for digging holes, breaking clay and tamping posts tight.
- Forged from tough high-tensile carbon manganese steel.
- Long, tapered blade for easier digging.
- Blade heat treated full length for strength and performance.
- Knob is forged on bar, not welded, and is optimum size for tamping.
- Hexagon bar profile for greater control.
- Anti-corrosive primer with enamel finish.

5FB150025

Cat. No.	Blade Width	Hexagon Diameter	Length	Weight
5FB150025	2" (50 mm)	1" (25 mm)	59" (1500 mm)	14.33 lbs. (6.50 kg)
5FB150030	2" (50 mm)	1-3/16" (30 mm)	59" (1500 mm)	20.39 lbs. (9.25 kg)
5FB165025	2" (50 mm)	1" (25 mm)	65" (1650 mm)	15.45 lbs. (7.01 kg)
5FB165030	2" (50 mm)	1-3/16" (30 mm)	65" (1650 mm)	22.37 lbs. (10.15 kg)
5FB180025	2" (50 mm)	1" (25 mm)	71" (1800 mm)	17.12 lbs. (7.77 kg)
5FB180030	2" (50 mm)	1-3/16" (30 mm)	71" (1800 mm)	24.36 lbs. (11.05 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.
- Correctly heat treated to best suit product application.

5GNB180030

Cat. No.	Hexagon Diameter	Length	Weight
5GNB180030	1-3/16" (30 mm)	71" (1800 mm)	24.74 lbs. (11.10 kg)

Insulated Bar – Rubber Coated



- Used for digging where electricity cables may be located.
- Made from tough chrome alloy steel.
- Forged blade for easy digging, heat treated full length for strength.
- Non-conductive comfortable and rubber coated grip bonded to steel 38 mm outside diameter.
- A sample bar has been tested by SEQEB (Energex) to 15000 volts.
- Any damage to the insulation could result in a lowering of insulation abilities.
- Correctly heat treated to best suit product application.

71B1650

Cat. No.	Blade Width	Shaft Diameter	Length	Weight
71B1650	1-1/2" (40 mm)	7/8" (22 mm)	65" (1650 mm)	13.53 lbs. (6.14 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

Bars – Construction



Pinch Bars – Hexagon



5PB180025

- 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.
- Correctly heat treated to best suit product application.



Cat. No.	Hexagon Diameter	Length	Weight
5PB150025	1" (25 mm)	59" (1500 mm)	13.55 lbs. (6.15 kg)
5PB150030	1-3/16" (30 mm)	59" (1500 mm)	19.62 lbs. (8.90 kg)
5PB165025	1" (25 mm)	65" (1650 mm)	15.01 lbs. (6.81 kg)
5PB165030	1-3/16" (30 mm)	65" (1650 mm)	21.91 lbs. (9.94 kg)
5PB180025	1" (25 mm)	71" (1800 mm)	16.82 lbs. (7.63 kg)
5PB180030	1-3/16" (30 mm)	71" (1800 mm)	24.31 lbs. (11.02 kg)
5PB45016	5/8" (16 mm)	18" (450 mm)	1.58 lbs. (0.72 kg)
5PB60020	25/32" (20 mm)	24" (600 mm)	3.37 lbs. (1.53 kg)
5PB60025	1" (25 mm)	24" (600 mm)	5.31 lbs. (2.41 kg)
5PB75025	1" (25 mm)	30" (750 mm)	6.70 lbs. (3.04 kg)
5PB90025	1" (25 mm)	36" (900 mm)	8.04 lbs. (3.65 kg)



All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

Bars – Mining



Scaling Bars – Tubular Aluminium (Aluminum) – 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.
- Correctly heat treated to best suit product application.
- Hexagon shape for better control.



Cat. No.	Hexagon Diameter	Length	Weight
7SCTH1800	1-1/4" (31.4 mm)	71" (1800 mm)	6.54 lbs. (2.97 kg)
7SCTH2400	1-1/4" (31.4 mm)	94-1/2" (2400 mm)	7.51 lbs. (3.41 kg)
7SCTH3000	1-1/4" (31.4 mm)	118" (3000 mm)	8.46 lbs. (3.84 kg)
7SCTH3600	1-1/4" (31.4 mm)	142" (3600 mm)	9.25 lbs. (4.20 kg)
7SCTH4300	1-1/4" (31.4 mm)	169" (4300 mm)	10.20 lbs. (4.63 kg)

Scaling Bars – Tubular Aluminium (Aluminum) – Round



7SCT4320

- 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.
- Correctly heat treated to best suit product application.



Cat. No.	Diameter	Length	Weight
7SCT1800	1-1/4" (32 mm)	71" (1800 mm)	6.37 lbs. (2.89 kg)
7SCT2400	1-1/4" (32 mm)	94-1/2" (2400 mm)	7.34 lbs. (3.33 kg)
7SCT3050	1-1/4" (32 mm)	120" (3050 mm)	8.28 lbs. (3.76 kg)
7SCT3660	1-1/4" (32 mm)	144" (3660 mm)	9.25 lbs. (4.20 kg)
7SCT4320	1-1/4" (32 mm)	170" (4320 mm)	10.20 lbs. (4.63 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.
- Correctly heat treated to best suit product application.



Cat. No.	Hexagon Diameter	Length	Weight
7SC120019	25/32" (20 mm)	47" (1200 mm)	6.87 lbs. (3.12 kg)
7SC150019	25/32" (20 mm)	59" (1500 mm)	8.62 lbs. (3.91 kg)
7SC180019	25/32" (20 mm)	71" (1800 mm)	10.31 lbs. (4.68 kg)
7SC210019	25/32" (20 mm)	83" (2100 mm)	12.01 lbs. (5.45 kg)
7SC240019	25/32" (20 mm)	94-1/2" (2400 mm)	13.75 lbs. (6.24 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Chisels & Punches



Cold Chisels – Alloy Flat

- Used for cutting high-tensile steels and welds, as well as most other metals, concrete and stone.
- Made to BS 3066:1995.
- Forged from chrome alloy steel that results in harder blade with great resilience.
- Correctly hardened and tempered so blade will not shatter when struck hard.
- Softer head is designed to mushroom, not chip.
- Accurately ground to the optimum 60° angle for cutting.
- Oval section for comfort grip.



5AC25025

Cat. No.	Blade Width	Overall Length	Weight
5AC15013	1/2" (13 mm)	6" (150 mm)	0.22 lbs. (0.10 kg)
5AC17516	5/8" (16 mm)	7" (175 mm)	0.44 lbs. (0.20 kg)
5AC20020	3/4" (20 mm)	8" (200 mm)	0.61 lbs. (0.28 kg)
5AC23022	7/8" (22 mm)	9" (230 mm)	1.10 lbs. (0.50 kg)
5AC25025	1" (25 mm)	10" (250 mm)	1.49 lbs. (0.68 kg)
5ACSET5	1/2", 5/8", 3/4", 7/8", 1" (13 mm, 16 mm, 20 mm, 22 mm, 25 mm)	6", 7", 8", 9", 10" (150 mm, 175 mm, 200 mm, 230 mm, 250 mm.)	4.01 lbs. (1.82 kg)

Cold Chisels – Alloy Cross Cut

- Used for removing oil seals.
- Made to BS 3066:1995.
- Also used for cutting in corners and difficult and confined areas.
- Forged from chrome alloy steel to give a harder blade with great resilience.
- Correctly hardened and tempered so blade will not shatter when struck hard.
- Accurately ground to the optimum angle for cutting.



7CHC15013

Cat. No.	Blade Width	Overall Length	Weight
7CHC15013	1/4" (6.5 mm)	6" (150 mm)	0.26 lbs. (0.12 kg)
7CHC17516	5/16" (8 mm)	7" (175 mm)	0.50 lbs. (0.23 kg)
7CHC20020	3/8" (10 mm)	8" (200 mm)	0.55 lbs. (0.25 kg)
7CHC22522	7/16" (11 mm)	9" (225 mm)	1.36 lbs. (0.62 kg)
7CHC25025	1/2" (13 mm)	10" (250 mm)	2.00 lbs. (0.91 kg)

Cold Chisels – Alloy Diamond Point

- Used for cutting oil ways in plain bearings.
- Made to BS 3066:1995.
- Also used for cutting in corners.
- Forged from chrome alloy steel to give a harder blade with great resilience.
- Correctly hardened and tempered so blade will not shatter when struck hard.
- Accurately ground to the optimum angle for cutting.



7CHD25025

Cat. No.	Blade Width	Overall Length	Weight
7CHD15013	1/4" (6.5 mm)	6" (150 mm)	0.26 lbs. (0.12 kg)
7CHD17516	5/16" (8 mm)	7" (175 mm)	0.48 lbs. (0.22 kg)
7CHD20020	3/8" (10 mm)	8" (200 mm)	0.50 lbs. (0.23 kg)
7CHD22522	7/16" (11 mm)	9" (225 mm)	1.32 lbs. (0.60 kg)
7CHD25025	1/2" (13 mm)	10" (250 mm)	2.00 lbs. (0.91 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Chisels & Punches



Cold Chisels – Alloy Round Nose

- Used for cutting grooves for grease-ways in plain bearings.
- Made to BS 3066:1995.
- Forged from chrome alloy steel to give a harder blade with great resilience.
- Accurately ground to optimum angle for cutting.
- Correctly hardened and tempered so blade will not shatter when struck hard.



7CHR15013

Cat. No.	Blade Width	Overall Length	Weight
7CHR15013	1/4" (6.5 mm)	6" (150 mm)	0.26 lbs. (0.12 kg)
7CHR17516	5/16" (8 mm)	7" (175 mm)	0.50 lbs. (0.23 kg)
7CHR20020	3/8" (10 mm)	8" (200 mm)	0.55 lbs. (0.25 kg)
7CHR22522	7/16" (11 mm)	9" (225 mm)	1.36 lbs. (0.62 kg)
7CHR25025	1/2" (13 mm)	10" (250 mm)	2.00 lbs. (0.91 kg)

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.



4BP16

Cat. No.	Diameter	Overall Length	Weight
4BP10	3/8" (10 mm)	6" (150 mm)	0.22 lbs. (0.10 kg)
4BP12	1/2" (12 mm)	7" (175 mm)	0.30 lbs. (0.14 kg)
4BP16	5/8" (16 mm)	7" (175 mm)	0.66 lbs. (0.30 kg)
4BP19	3/4" (19 mm)	8" (200 mm)	1.05 lbs. (0.48 kg)
4BP25	1" (25 mm)	8" (200 mm)	1.87 lbs. (0.85 kg)
4BPSET5	3/8", 1/2", 5/8", 3/4", 1" (10 mm, 12 mm, 16 mm, 19 mm, 25 mm)	6", 7", 7", 8", 8" (150 mm, 175 mm, 175 mm, 200 mm, 200 mm)	4.38 lbs. (1.99 kg)
7BP29219	3/4" (19 mm)	11-1/2" (292 mm)	1.54 lbs. (0.70 kg)
7BP29225	1" (25 mm)	11-1/2" (292 mm)	2.75 lbs. (1.25 kg)
7BP29232	1-1/4" (32 mm)	11-1/2" (292 mm)	4.32 lbs. (1.96 kg)

Center Punches – Heavy Duty

- Used to mark the centerpoint when drilling holes.
- Tough tool steel shaft for punching hard metals, including stainless steel.
- Precision ground point for easier marking.
- Knurled handle for gripping easily.
- Soft head for safety.



4CPHD08

Cat. No.	Pin Length	Point Diameter	Overall Length	Weight
4CPHD04	1-3/8" (35 mm)	5/32" (4 mm)	5-5/16" (135 mm)	0.13 lbs. (0.06 kg)
4CPHD05	1-49/64" (45 mm)	3/16" (5 mm)	5-1/2" (140 mm)	0.19 lbs. (0.09 kg)
4CPHD06.5	1-78" (48 mm)	15/64" (6 mm)	5-45/64" (145 mm)	0.22 lbs. (0.10 kg)
4CPHD08	2-23/64" (60 mm)	5/16" (8 mm)	6-19/64" (160 mm)	0.30 lbs. (0.14 kg)
4CPHD10	2-19/32" (66 mm)	25/64" (10 mm)	6-1/2" (165 mm)	0.44 lbs. (0.20 kg)
4CPHDSET5	various – as above	5/32, 3/16, 15/64, 5/16, 25/64 (4 mm, 5 mm, 6 mm, 8 mm, 10 mm)	various – as above	1.38 lbs. (0.63 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

Chisels & Punches



Center Punch – Large Body

- Used for punching heavy-duty materials, including stainless steel, prior to drilling.
- Forged from tough alloy steel.
- Large body makes for easier striking.
- Thick point gives larger center dot to fit web of drill, to minimize drill run-off.
- Heat-treated point for long life and reliability.



5CP17520

Cat. No.	Point Width	Overall Length	Weight
5CP17520	3/8" (10 mm)	7" (175 mm)	0.79 lbs. (0.36 kg)

Pin Punches – Extra Long



- 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.

4PPXL09

Cat. No.	Pin Length	Pin Diameter	Overall Length	Weight
4PPXL06	5-5/16" (135 mm)	15/64" (6 mm)	10" (250 mm)	0.28 lbs. (0.13 kg)
4PPXL09	5-5/16" (135 mm)	11/32" (9 mm)	10" (250 mm)	0.44 lbs. (0.20 kg)
4PPXL12	5-5/16" (135 mm)	15/32" (12 mm)	10" (250 mm)	0.66 lbs. (0.30 kg)
4PPXL15	5-5/16" (135 mm)	37/64" (15 mm)	10" (250 mm)	1.01 lbs. (0.46 kg)
4PPXL19	5-5/16" (135 mm)	3/4" (19 mm)	10" (250 mm)	1.38 lbs. (0.63 kg)
4PPXLSET3	various – as above	11/32", 15/32", 37/64" (9 mm, 12 mm, 15 mm)	various – as above	2.29 lbs. (1.04 kg)
4PPXLSET5	various – as above	15/64", 11/32", 15/32", 37/64", 3/4" (6 mm, 9 mm, 12 mm, 15 mm, 19 mm)	various – as above	3.99 lbs. (1.81 kg)

Pin Punches – Long



- 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.

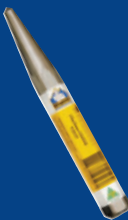
4PPL06.5

Cat. No.	Pin Length	Pin Diameter	Overall Length	Weight
4PPL02.5	2-5/32" (55 mm)	3/32" (2.5 mm)	6-3/32" (155 mm)	0.13 lbs. (0.06 kg)
4PPL03	2-5/32" (55 mm)	7/64" (3 mm)	6-3/32" (155 mm)	0.13 lbs. (0.06 kg)
4PPL04	2-23/64" (60 mm)	5/32" (4 mm)	6-19/64" (160 mm)	0.13 lbs. (0.06 kg)
4PPL05	2-35/64" (65 mm)	3/16" (5 mm)	6-1/2" (165 mm)	0.15 lbs. (0.07 kg)
4PPL06	2-35/64" (65 mm)	15/64" (6 mm)	6-1/2" (165 mm)	0.15 lbs. (0.07 kg)
4PPL06.5	2-35/64" (65 mm)	1/4" (6.5 mm)	6-1/2" (165 mm)	0.17 lbs. (0.08 kg)
4PPL08	2-3/4" (70 mm)	5/16" (8 mm)	6-11/16" (170 mm)	0.24 lbs. (0.11 kg)
4PPL10	2-3/4" (70 mm)	25/64" (10 mm)	6-11/16" (170 mm)	0.35 lbs. (0.16 kg)
4PPLSET8	various – as above	3/32", 7/64", 5/32", 3/16", 15/64", 1/4", 5/16", 25/64" (2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 6.5 mm, 8 mm, 10 mm)	various – as above	1.58 lbs. (0.72 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Chisels & Punches



Pin Punches – Short

- 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 grip.



4PPS06.5

Cat. No.	Pin Length	Pin Diameter	Overall Length	Weight
4PPS02	1-11/64" (30 mm)	5/64" (2 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS02.5	1-11/64" (30 mm)	3/32" (2.5 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS03	1-11/64" (30 mm)	7/64" (3 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS04	1-11/64" (30 mm)	5/32" (4 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS05	1-11/64" (30 mm)	3/16" (5 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS06	1-11/64" (30 mm)	15/64" (6 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPS06.5	1-11/64" (30 mm)	1/4" (6.5 mm)	4-21/64" (110 mm)	0.11 lbs. (0.05 kg)
4PPSSET7	various – as above	5/64", 3/32", 7/64", 5/32", 3/16", 15/64", 1/4" (2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 6.5 mm)	various – as above	0.83 lbs. (0.38 kg)

Starter Drifts

- Used for loosening pins before pin punch use.
- Also used as an aid in aligning bolt or rivet holes prior to inserting a fastener.
- Made from tough high-tensile steel.
- Heat treated for durability.
- Soft head for safety.
- Knurled handle for gripping easily.



4SD03

Cat. No.	Diameter	Length	Overall Length	Weight
4SD02	5/64" (2 mm)	1-47/64" (44 mm)	5-57/64" (150 mm)	0.13 lbs. (0.06 kg)
4SD03	1/8" (3 mm)	1-27/32" (47 mm)	6-3/32" (155 mm)	0.13 lbs. (0.06 kg)
4SD05	3/16" (5 mm)	2-5/32" (55 mm)	6-3/32" (155 mm)	0.30 lbs. (0.14 kg)
4SD06.5	1/4" (6.5 mm)	2-15/64" (57 mm)	6-19/64" (160 mm)	0.44 lbs. (0.20 kg)
4SD08	5/16" (8 mm)	2-21/64" (59 mm)	6-1/2" (165 mm)	0.44 lbs. (0.20 kg)
4SD10	25/64" (10 mm)	2-15/32" (63 mm)	6-11/17" (170 mm)	0.46 lbs. (0.21 kg)
4SDSET6	5/64", 1/8", 3/16", 1/4", 5/16", 25/64" (2 mm, 3 mm, 5 mm, 6.5 mm, 8 mm, 10 mm)	various – as above	various – as above	1.89 lbs. (0.86 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

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.
- Correctly heat treated to best suit product application.



5BD24

Cat. No.	Point Diameter (approx.)	Diameter	Overall Length	Weight
5BD12	7/32" (5.5 mm)	15/32" (12 mm)	6-9/32" (160 mm)	0.26 lbs. (0.12 kg)
5BD14	1/4" (6.5 mm)	35/64" (14 mm)	6-9/32" (160 mm)	0.35 lbs. (0.16 kg)
5BD16	19/64" (7.5 mm)	5/8" (16 mm)	6-9/32" (160 mm)	0.37 lbs. (0.17 kg)
5BD18	21/64" (8.5 mm)	45/64" (18 mm)	6-9/32" (160 mm)	0.55 lbs. (0.25 kg)
5BD19	23/64" (9 mm)	3/4" (19 mm)	6-9/32" (160 mm)	0.61 lbs. (0.28 kg)
5BD20	3/8" (9.5 mm)	25/32" (20 mm)	7-5/64" (180 mm)	0.77 lbs. (0.35 kg)
5BD22	13/32" (10.5 mm)	7/8" (22 mm)	7-5/64" (180 mm)	1.10 lbs. (0.50 kg)
5BD24	29/64" (11.5 mm)	15/16" (24 mm)	7-5/64" (180 mm)	1.14 lbs. (0.52 kg)
5BD25	15/32" (12 mm)	63/34" (25 mm)	7-5/64" (180 mm)	1.19 lbs. (0.54 kg)
5BD27	33/64" (13 mm)	1-1/16" (27 mm)	7-5/64" (180 mm)	1.38 lbs. (0.63 kg)
5BD30	37/64" (14.5 mm)	1-3/16" (30 mm)	7-7/8" (200 mm)	1.76 lbs. (0.80 kg)
5BD33	5/8" (16 mm)	1-19/64" (33 mm)	7-7/8" (200 mm)	2.29 lbs. (1.04 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.
- Correctly heat treated to best suit product application.

Cat. No.	Point Diameter	Hexagon Diameter	Overall Length	Weight
5POB37516	5/16" (8 mm)	5/8" (16 mm)	15" (375 mm)	1.21 lbs. (0.55 kg)
5POB37520	3/8" (10 mm)	25/32" (20 mm)	15" (375 mm)	1.82 lbs. (0.83 kg)
5POB45016	5/16" (8 mm)	5/8" (16 mm)	18" (450 mm)	1.49 lbs. (0.68 kg)
5POB45020	3/8" (10 mm)	25/32" (20 mm)	18" (450 mm)	2.27 lbs. (1.03 kg)
5POB60020	3/8" (10 mm)	25/32" (20 mm)	24" (600 mm)	3.15 lbs. (1.43 kg)
5POB90020	3/8" (10 mm)	25/32" (20 mm)	36" (900 mm)	4.85 lbs. (2.20 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

▲WARNING:

Eye protection and gloves must be worn when using this product.



Construction Tools



Podger Pins



5POP25

- 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.
- Correctly heat treated to best suit product application.

Cat. No.	Point	Diameter Across Hexagon Points	Hexagon Shaft Diameter	Overall Length	Weight
5POP25	1/2" (12 mm)	1-3/32" (28 mm)	1" (25 mm)	16" (400 mm)	3.26 lbs. (1.48 kg)
5POP30	9/16" (14.5 mm)	1-5/16" (33.5 mm)	1-3/16" (30 mm)	16" (400 mm)	4.49 lbs. (2.04 kg)

Starter Drifts - Large Body



5SDL45020

- 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 better control.
- Correctly heat treated to best suit product application.

Cat. No.	Point	Diameter across Hexagon Points	Hexagon Shaft Diameter	Overall Length	Weight
5SDL30016	19/64" (7.5 mm)	11/16" (17.5 mm)	5/8" (16 mm)	12" (300 mm)	0.97 lbs. (0.44 kg)
5SDL45020	3/8" (9.5 mm)	55/64" (22 mm)	25/32" (20 mm)	18" (450 mm)	2.27 lbs. (1.03 kg)
5SDL45025	1/2" (12 mm)	1-3/32" (28 mm)	1" (25 mm)	18" (450 mm)	3.48 lbs. (1.58 kg)
5SDL45030	9/16" (14.5 mm)	1-5/16" (33.5 mm)	1-3/16" (30 mm)	18" (450 mm)	4.76 lbs. (2.16 kg)

Pry Bar



5PRB45016

- 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.
- Correctly heat treated to best suit product application.

Cat. No.	Chisel Width	Hexagon Diameter	Overall Length	Weight
5PRB45016	25/32" (20 mm)	5/8" (16 mm)	18" (450 mm)	1.67 lbs. (0.76 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Construction Tools

Spoon Bars – Round



- 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.

5SB75022

Cat. No.	Point Diameter	Blade Width	Body Diameter	Overall Length	Weight
5SB30010	1/8" (3 mm)	1/2" (12 mm)	3/8" (10 mm)	12" (300 mm)	0.35 lbs. (0.16 kg)
5SB45016	3/16" (5 mm)	3/4" (20 mm)	5/8" (16 mm)	18" (450 mm)	1.32 lbs. (0.60 kg)
5SB60020	1/4" (6.5 mm)	3/4" (20 mm)	3/4" (19 mm)	24" (600 mm)	2.71 lbs. (1.23 kg)
5SB75022	1/4" (6.5 mm)	1" (25 mm)	7/8" (22 mm)	30" (750 mm)	4.40 lbs. (2.00 kg)
5SB115025	3/8" (9 mm)	1" (25 mm)	15/16" (24 mm)	46" (1150 mm)	9.74 lbs. (4.42 kg)
5SB135025	3/8" (9 mm)	1" (25 mm)	15/16" (24 mm)	54" (1350 mm)	10.58 lbs. (4.80 kg)

Cold Set



- Designed to strike with a sledge hammer for cutting steel, concrete, etc.
- Forged from tough high-tensile carbon manganese steel.
- Correctly hardened and tempered so blade will not shatter when struck hard.
- The head is left softer to mushroom, not chip, for safety.
- Correctly heat treated to best suit product application.

7SCH225

Cat. No.	Width Chisel	Length Chisel	Overall Length	Weight
7SCH225	1-41/64" (42 mm)	8-7/8" (225 mm)	20-55/64" (530 mm)	3.85 lbs. (1.75 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.
- Correctly heat treated to best suit product application.



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" (12mm)	7" (175 mm)	1.01 lbs. (0.46 kg)
7FW27050	2" (50 mm)	1" (25 mm)	11" (270 mm)	4 lbs. (1.83 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Construction Tools



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)

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 mm)	33-55/64" (860 mm)	19.13 lbs. (8.68 kg)

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" (900 mm)	1-21/64" x 2" (34 x 50 mm)	32" (800 mm)	17.76 lbs. (8.06 kg)



5SDR

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

Hammers



Claw Hammers – Wooden Handle



5HCLH0.575

- Used for general woodworking applications.
- Accurately ground claw for superior nail extraction.
- Head 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.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- Correctly 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	Overall Weight
5HCLH0.575	20 oz. (575 g)	14" (350 mm)	2.00 lbs. (0.91 kg)
5HCLH0.675	24 oz. (675 g)	14" (350 mm)	2.22 lbs. (1.01 kg)

Drill Hammer – Wooden Handle



5HDRH2.0

- 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.
- Correctly 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
5HDRH2.0	4.4 lbs. (2.0 kg)	16" (400 mm)	4.8 lbs. (2.18 kg)

All dimensions are in inches and (millimeters).

▲WARNING:
Wear safety goggles. Strike squarely - avoid glancing blows.

▲WARNING:
This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.



Hammers

Mason's Club Hammer – Wooden Handle

- Great all-round 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.
- Correctly heat treated to best suit product application.
- This product must be maintained in accordance with Australian standard AS 3797:1991.



5HCMH1.35

Cat. No.	Head Weight	Overall Length	Weight
5HCMH1.35	3 lbs. (1.35 kg)	10" (250 mm)	3.54 lbs. (1.61 kg)

Sledge Hammers – Fiberglass Rubber Grip Handle



5HSFRH07

- Well-balanced, versatile sledge hammer for the mining, building and construction industries.
- Forged from tough high-tensile steel with hardened and tempered faces.
- A thick-cored fiberglass handle for extra strength with a non-slip, oil-resistant rubberized coating.
- Head is pinned and epoxied to handle to prevent head coming off.
- Thick handle with large sweep at base to prevent loss of grip.
- Comfortable, thick rubber grip for better protection from shock and vibration.
- Correctly 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
5HSFRH04	4 lbs. (1.81 kg)	16" (400 mm)	4.69 lbs. (2.13 kg)
5HSFRH07	7 lbs. (3.17 kg)	32" (800 mm)	9.87 lbs. (4.48 kg)
5HSFRH10	10 lbs. (4.53 kg)	36" (900 mm)	12.23 lbs. (5.55 kg)
5HSFRH14	14 lbs. (6.35 kg)	36" (900 mm)	16.73 lbs. (7.59 kg)
5HSFRH28	28 lbs. (12.70 kg)	36" (900 mm)	31.32 lbs. (14.21 kg)

All dimensions are in inches and (millimeters).

▲WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

Hammers



Sledge Hammers – Wooden Handle



5HSH07

- Well balanced, versatile sledge hammer for the mining, building and construction industries.
- Forged from tough high-tensile carbon manganese steel with hardened and tempered faces.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- Fitted with tough Australian spotted gum hardwood handle; oiled for long life and user comfort.
- Correctly 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
5HSH04	4 lbs. (1.81 kg)	24" (600 mm)	4.71 lbs. (2.14 kg)
5HSH07	7 lbs. (3.17 kg)	30" (750 mm)	8.25 lbs. (3.74 kg)
5HSH08	8 lbs. (3.62 kg)	30" (750 mm)	9.15 lbs. (4.15 kg)
5HSH10	10 lbs. (4.54 kg)	36" (900 mm)	12.35 lbs. (5.60 kg)
5HSH14	14 lbs. (6.35 kg)	36" (900 mm)	16.31 lbs. (7.40 kg)

Ball Pein Hammers – Wooden Handle



5HBPH1.360

- Used in metal work for striking punches and chisels.
- Also used for riveting work with ball end.
- Head forged from tough high-tensile carbon manganese steel with hardened and tempered faces.
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort.
- Correctly 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
5HBPH0.675	24 oz. (675 g)	14" (360 mm)	2.13 lbs. (0.97 kg)
5HBPH0.9	32 oz. (900 g)	14" (360 mm)	2.57 lbs. (1.17 kg)
5HBPH1.135	40 oz. (1135 g)	16" (400 mm)	3.19 lbs. (1.45 kg)
5HBPH1.360	48 oz. (1360 g)	16" (400 mm)	3.70 lbs. (1.68 kg)

All dimensions are in inches and (millimeters).

▲WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.



Hammers – Soft



Copper Hammers – Fiberglass Rubber Grip Handle



7HCFRH14

- Used in non-sparking environments or to avoid damage to struck objects.
- Non-marking, soft-faced hammer.
- Head forged from pure electrolytic copper - contains no oxygen so unlike cast will not chip or break.
- Gives a dead blow - doesn't bounce.
- Head is pinned to handle as well as epoxied to prevent head coming off.
- Comfortable thick rubber grip for better protection from shock and vibration.
- Large sweep at base to prevent loss of grip.
- This product must be maintained in accordance with Australian standard AS 3797:1991.

Cat. No.	Head Weight	Overall Length	Weight
7HCFRH04	4 lbs. (1.80 kg)	16" (400 mm)	4.60 lbs. (2.09 kg)
7HCFRH07	7 lbs. (3.17 kg)	32" (800 mm)	9.87 lbs. (4.48 kg)
7HCFRH10	10 lbs. (4.53 kg)	36" (900 mm)	12.23 lbs. (5.55 kg)
7HCFRH14	14 lbs. (6.35 kg)	36" (900 mm)	16.73 lbs. (7.59 kg)
7HCFRH28	28 lbs. (12.70 kg)	36" (900 mm)	31.32 lbs. (14.21 kg)

Copper Hammers – Wooden Handle



5HCH04

- Used in non-sparking environments or to avoid damage to struck objects.
- Non-marking, soft-faced hammer.
- Forged from pure electrolytic copper.
- Contains no oxygen so, unlike cast, will not chip or break.
- Gives a dead blow - doesn't bounce.
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort.
- Extra thick shoulder to prevent breakages from mis-hits.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- This product must be maintained in accordance with Australian standard AS3797:1991.

Cat. No.	Head Weight	Overall Length	Weight
5HCH01	1 lbs. (0.45 kg)	12" (300 mm)	1.10 lbs. (0.50 kg)
5HCH02	2 lbs. (0.90 kg)	14" (350 mm)	2.51 lbs. (1.14 kg)
5HCH03	3 lbs. (1.36 kg)	16" (400 mm)	3.70 lbs. (1.68 kg)
5HCH04	4 lbs. (1.81 kg)	16" (400 mm)	4.69 lbs. (2.13 kg)
7HCH07	7 lbs. (3.17 kg)	30" (750 mm)	8.24 lbs. (3.74 kg)
7HCH10	10 lbs. (4.53 kg)	36" (900 mm)	12.31 lbs. (5.59 kg)
7HCH14	14 lbs. (6.35 kg)	36" (900 mm)	16.31 lbs. (7.40 kg)

All dimensions are in inches and (millimeters).

⚠WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

⚠WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

Hammers – Soft



Normalized Ball Pein Hammers – Wooden Handle



7HBPNH0.9

- Used in metal work for striking punches and chisels where risk of chipping and damage to struck objects needs to be minimized.
- Also used for riveting work with ball end.
- Head is forged from high-tensile steel then normalized to give a softer face that is less likely to chip.
- Normalized striking faces both have hardnesses below 20HRC.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- This product must be maintained in accordance with Australian standard AS 3797:1991.

Cat. No.	Head Weight	Overall Length	Weight
7HBPNH0.675	24 oz. (675 gm)	14" (360 mm)	2.13 lbs. (0.97 kg)
7HBPNH0.9	32 oz. (900 gm)	14" (360 mm)	2.57 lbs. (1.17 kg)
7HBPNH1.135	40 oz. (1135 gm)	16" (400 mm)	3.19 lbs. (1.45 kg)
7HBPNH1.360	48 oz. (1360 gm)	16" (400 mm)	3.70 lbs. (1.68 kg)

Normalized Claw Hammers – Wooden Handle



7HCLNH0.575

- Used for general woodworking applications where risk of chipping and damage to struck objects needs to be minimized.
- Accurately ground claw for superior nail extraction.
- Head forged from tough high-tensile carbon manganese steel and the face is normalized to be softer and less likely to chip.
- Normalized striking face has hardness below 20HRC.
- 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.
- This product must be maintained in accordance with Australian standard AS 3797:1991.

Cat. No.	Head Weight	Overall Length	Weight
7HCLNH0.575	20 oz. (575 g)	14" (350 mm)	2.00 lbs. (0.91 kg)
7HCLNH0.675	24 oz. (675 g)	14" (350 mm)	2.22 lbs. (1.01 kg)

All dimensions are in inches and (millimeters).

▲WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.



Hammers – Soft

Normalized Sledge Hammers – Pinned Fiberglass Rubber Grip Handle



7HSNFRH14

- A soft-faced sledge hammer for heavy applications where risk of chipping needs to be minimized.
- Head is forged from high-tensile steel then normalized to give a softer face that is less likely to chip.
- Head is pinned and epoxied to handle to prevent head coming off.
- Normalized striking face has hardness below 20HRC.
- A thick-cored fiberglass handle for extra strength with a non-slip oil resistant rubberized coating.
- Large sweep at base to prevent grip loss.
- Comfortable, thick rubber grip gives better protection from shock and vibration.
- Correctly 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
7HSNFRH04	4 lbs. (1.8 kg)	16" (400 mm)	4.60 lbs. (2.09 kg)
7HSNFRH07	7 lbs. (3.17 kg)	32" (800 mm)	9.87 lbs. (4.48 kg)
7HSNFRH10	10 lbs. (4.53 kg)	36" (900 mm)	12.23 lbs. (5.55 kg)
7HSNFRH14	14 lbs. (6.35 kg)	36" (900 mm)	16.73 lbs. (7.59 kg)

Normalized Sledge Hammers – Wooden Handle



7HSNH14

- A soft-faced sledgehammer for heavy applications where risk of chipping needs to be minimized.
- Head is forged from high-tensile steel then normalized to give a softer face that is less likely to chip.
- Normalized striking face has hardness below 20HRC.
- Handle is fitted to head with a glued wooden and steel wedge assembly.
- Fitted with tough Australian spotted gum hardwood handle, oiled for long life and user comfort.
- Correctly 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
7HSNH04	4 lbs. (1.81 kg)	24" (600 mm)	4.71 lbs. (2.14 kg)
7HSNH07	7 lbs. (3.17 kg)	30" (750 mm)	8.245 lbs. (3.74 kg)
7HSNH10	10 lbs. (4.535 kg)	36" (900 mm)	12.345 lbs. (5.60 kg)
7HSNH14	14 lbs. (6.350 kg)	36" (900 mm)	16.31 lbs. (7.40 kg)

All dimensions are in inches and (millimeters).

⚠WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

⚠WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

Hammers – Soft



Brass Sledge Hammers – Fiberglass Rubber Grip Handle



7HBRFRH14

- 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.
- This product must be maintained in accordance with Australian standard AS 3797:1991.

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)

Hammers – Soft



All dimensions are in inches and (millimeters).

▲WARNING:

Wear safety goggles. Strike squarely - avoid glancing blows.

▲WARNING:

This tool can be made to chip if struck against another tool or other hard object, resulting in possible eye or other injury.

Tyre (Tire) Products



Bead Breaker – Heavy Duty Slide Hammer



7BB124

- Used for breaking beads on car and truck tyres.
- High-tensile steel hexagon shaft for excellent control.
- Handled for two-person use.
- Well-balanced heavy unit with the weight where needed most – in striker.
- Hardened and tempered foot for durability and toughness.
- Good length to minimize back strain.
- Correctly heat treated to best suit product application.

Cat. No.	Foot Width	Hexagon Shaft Diameter	Overall Length	Weight
7BB124	1-1/2" (40 mm)	25/32" (20 mm)	44" (1115 mm)	24.25 lbs. (11 kg)

Bead Breaker – Slide Hammer



5BB122

- Used for breaking beads on car and truck tyres.
- High-tensile steel hexagon shaft for excellent control.
- Well-balanced heavy unit with the weight where needed most - in striker.
- Hardened and tempered foot for durability and toughness.
- Good length to minimize back strain.
- Correctly heat treated to best suit product application.

Cat. No.	Foot Width	Hexagon Shaft Diameter	Overall Length	Weight
5BB122	1-1/2" (40 mm)	25/32" (20 mm)	43" (1090 mm)	15.07 lbs. (6.84 kg)

Cleat Bar



7CL900

- Used for removing rims from hubs on large earthmoving vehicles.
- Forged from tough 4140 alloy steel.
- Heat treated for maximum toughness and to best suit product application.
- Finely ground ends for increased productivity.

Cat. No.	Diameter	Overall Length	Weight
7CL900	7/8" (22 mm)	36" (900 mm)	5.29 lbs. (2.40 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.

Tyre (Tire) Products

Tyre (Tire) Lever – Heavy Duty



5TL600HD

- Used for removal and fitting of 4WD car and truck tyres.
- Forged from tough chrome alloy steel.
- Correctly hardened and tempered to be tough and resilient.
- Fine tapered and ground ends for easier use and prevention of damage to tyres.
- Correctly heat treated to best suit product application.

Cat. No.	Hexagon Diameter	Overall Length	Weight
5TL600HD	25/32" (20 mm)	24" (600 mm)	3.30 lbs. (1.5 kg)

Tyre (Tire) Levers – Truck



5MTL1



5MTL2

- Used for removal (MTL1) and fitting (MTL2) of tubeless truck tyres.
- Designed for function and long life.
- Forged from tough chrome alloy steel.
- Fine tapered and ground ends to eliminate damage to tyre.
- Good length for great leverage.
- Correctly heat treated to best suit product application.

Cat. No.	Hexagon Diameter	Overall Length	Weight
5MTL1	25/32" (20 mm)	36-39/64" (930 mm)	5.18 lbs. (2.35 kg)
5MTL2	25/32" (20 mm)	36-39/64" (930 mm)	5.18 lbs. (2.34 kg)

Tyre (Tire) Lever



5TL600

- Used for removal and fitting of 4WD car and truck tyres.
- Forged from tough chrome alloy steel.
- Correctly hardened and tempered to be tough and resilient.
- Fine tapered and ground ends for easier use and prevention of damage to tyres.

Cat. No.	Thickness	Width	Overall Length	Weight
5TL600	27/64" (10.8 mm)	1-7/64" (28 mm)	24 -1/2" (620 mm)	2.51 lbs. (1.14 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

WARNING: Eye protection and gloves must be worn when using this product.



Welding & Mining Specialty



Chipping Hammer – Spring 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.
- Correctly heat treated to best suit product application.



5WHSP

Cat. No.	Head Length	Overall Length	Weight
5WHSP	6-11/16" (170 mm)	10-5/8" (270 mm)	0.99 lbs. (0.45 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.
- Correctly heat treated to best suit product application.



5WHRG

Cat. No.	Head Length	Overall Length	Weight
5WHRG	6-11/16" (170 mm)	10-15/64" (260 mm)	1.14 lbs. (0.52 kg)

All dimensions are in inches and (millimeters).

WARNING: Wear safety goggles user and bystander.

▲WARNING:
Eye protection and gloves must be worn when using this product.

KLEIN TOOLS®

Klein Tools specializes in making the world's finest tools that professionals trust completely. Extra steps in our manufacturing process and using the highest-quality materials sets us apart as an industry leader. Since 1857, our dedication to quality and innovation continues with products available for professionals worldwide.

F O R P R O F E S S I O N A L S . . . S I N C E 1 8 5 7 ®



Klein Tools



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Klein Tools was founded in 1857 by an industrious German immigrant, Mathias Klein, who began in the hand tool business when a broken side-cutting pliers was brought to his forge shop by a telegraph lineman. Mathias repaired the pliers by forging and finishing a new half for the tool and riveting it to the old half. Soon the lineman returned because the other original half of the pliers had broken and needed replacement. Mathias forged and finished the second half of the pliers and riveted it to the other replacement half – creating the first complete Klein pliers.

To this day, Klein Tools is proudly owned and managed by the Klein family. Over 150 years of hard work and dedication has earned Klein the reputation of supplying only the finest quality products for users of professional hand tools and occupational protective equipment.



MINING & HEAVY INDUSTRY TOOLS

Side-Cutting Pliers

*Special Order in Australia

Features:

Custom, US-made tool steel.

Plastic-dipped handles[†] for comfort and ease of identification.

Unique handle tempering helps absorb the “snap” when cutting wire.

“Handform” handles for full gripping and cutting power.

Hot-riveted joint ensures smooth action and no handle wobble.

Precision-hardened plier head for on-the-job toughness.

Induction-hardened cutting knives for long life.

Sure-gripping cross-hatched knurled jaws.

2000 SERIES[®] pliers available. Cuts ACSR, screws, nails, and most hardened wire.

[†] Journeyman pliers available. State-of-the-art, dual-material handles, which provide a better grip without sacrificing tool strength or durability.



High-Leverage Side-Cutting Pliers – Heavy-Duty Cutting 2000 SERIES[®]

Additional Features:

- Cuts ACSR, screws, nails and most hardened wire.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Features combination polished and black-oxide finish.



D2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D2000-7 *	New England	7-7/8" (200 mm)	1-9/32" (33 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.66
D2000-8 *	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	plastic-dipped	royal blue	.85
D2000-9NE *	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	royal blue	1.09
HD2000-9NE *	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.15

Journeyman 2000 Series – Dual-material handles

J2000-8	New England Tapered	8-13/16" (224 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	Journeyman	light blue/black	.93
J2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13

Refer to the insulated section for insulated pliers.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Pliers



Side-Cutting Pliers

* Special Order in Australia

High-Leverage Side-Cutting Pliers

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



D213-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-8NE *	New England	8-11/16" (221 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	plastic-dipped	dark blue	.90
HD213-8NE *	New England	8-3/4" (222 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	heavy-duty, oversized, plastic-dipped	light red	.97
213-9NE *	New England	9-1/4" (235 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plain	n/a	1.05
D213-9NE *	New England	9-3/8" (238 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	plastic-dipped	dark blue	1.14
HD213-9NE *	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	heavy-duty, oversized, plastic-dipped	light red	1.15

Journeyman Series – Dual-material handles

J213-8NE	New England	8-13/16" (224 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	Journeyman	dark blue/black	0.97
J213-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.13

Refer to the insulated section for insulated pliers.

Universal Side-Cutting Pliers – Connector Crimping

Additional Features:

- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- Toothed pipe grip for greater gripping power.



12098



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098 *	Universal	8-5/8" (219 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	plastic-dipped	dark blue	.72

Journeyman Series – Dual-material handles

J12098	Universal	8-3/4" (222 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	Journeyman	dark blue/black	.82
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Refer to the insulated section for insulated pliers.



All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Journeyman™ Series Side-Cutting Pliers

Features:

Contoured thumb area for additional comfort and positive feel.

Color-coded yellow, dark blue, red or light blue handles allow quick identification of tool.

JOURNEYMAN™

Soft material on outer surface for comfort and a firm grip.

State-of-the-art dual material molding process.



Hard, black material for toughness and durability.

8" Universal Combination Pliers

JOURNEYMAN™

Additional Features:

- Universal tapered head-design allows greater access in confined spaces.
- Precision machined pipe-grip for greater gripping power.
- Crimping die behind hinge for superior leverage crimping of non-insulated connectors, lugs and terminals.



J12098

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J12098	Universal	8-3/4" (222 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	17/32" (13 mm)	3/4" (19 mm)	Journeyman	dark blue/black	.82

High-Leverage Side-Cutting Pliers

JOURNEYMAN™

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NE

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-8NE	New England	8-13/16" (224 mm)	1-7/16" (37 mm)	1-3/16" (30 mm)	5/8" (16 mm)	23/32" (18 mm)	Journeyman	dark blue/black	0.97
J213-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.13

2000 Series* – Heavy-duty cutting knives

J2000-9NE	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.13
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*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Pliers



Journeyman™ Series Side-Cutting Pliers

* Special Order in Australia

High-Leverage Side-Cutting Pliers – Fish-Tape Pulling

JOURNEYMAN™

Additional Features:

- Quickly and easily pulls 1/8" or 1/4" flat steel fish tape without damaging the tape.
- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-9NETP

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J213-9NETP *	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	dark blue/black	1.11
2000 Series* – Heavy-duty cutting knives									
J2000-9NETP *	New England	9-1/2" (241 mm)	1-19/32" (41 mm)	1-1/4" (32 mm)	5/8" (16 mm)	25/32" (20 mm)	Journeyman	light blue/black	1.14

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

8" High-Leverage Side-Cutting Pliers

JOURNEYMAN™

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 46% greater cutting and gripping power.
- Combination polished and black-oxide finishes.



J2000-8

Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
J2000-8	New England Tapered	8-13/16" (224 mm)	1-7/16" (37 mm)	1-7/64" (28 mm)	5/8" (16 mm)	3/4" (19 mm)	Journeyman	light blue/black	.93

Pliers



All dimensions are in inches and (millimeters).

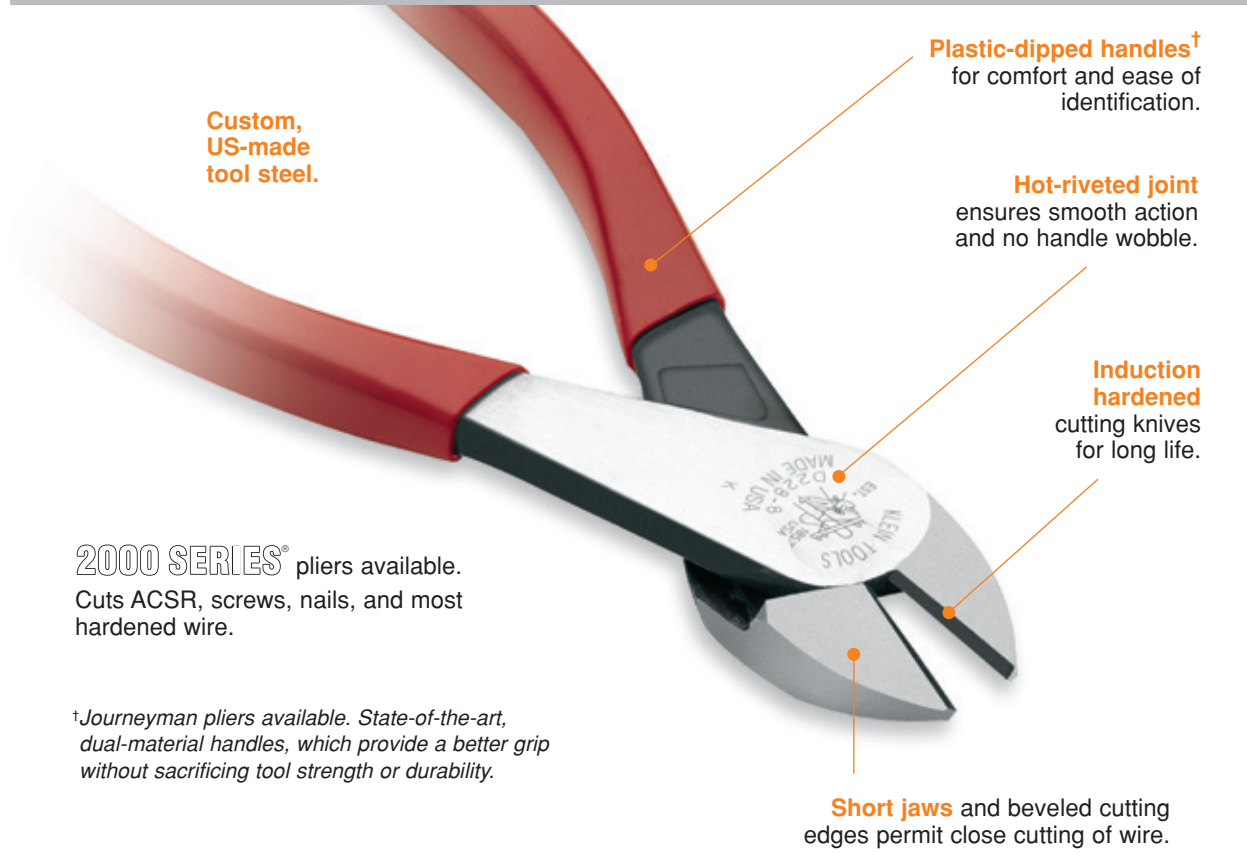
▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Diagonal-Cutting Pliers

*Special Order in Australia

Features:



Custom, US-made tool steel.

Plastic-dipped handles[†] for comfort and ease of identification.

Hot-riveted joint ensures smooth action and no handle wobble.

Induction hardened cutting knives for long life.

2000 SERIES[®] pliers available. Cuts ACSR, screws, nails, and most hardened wire.

[†]Journeyman pliers available. State-of-the-art, dual-material handles, which provide a better grip without sacrificing tool strength or durability.



Short jaws and beveled cutting edges permit close cutting of wire.

High-Leverage Diagonal-Cutting Pliers

Additional Feature:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-7 *	7-1/8" (181 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.54
D228-8 *	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
Journeyman Series – Dual-material handles								
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
2000 Series* – Heavy-duty cutting knives								
D2000-28 *	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
Journeyman 2000 Series* – Dual-material handles								
J2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish. Refer to the insulated section for insulated pliers.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Pliers



Diagonal-Cutting Pliers

* Special Order in Australia

High-Leverage Diagonal-Cutting Pliers – Angled Head

Additional Features:

- Angled head design for easy work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8 *	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	red	.60
D238-8 *	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	semi-flush**	plastic-dipped	red	.59
Journeyman Series – Dual-material handles								
J248-8 *	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
2000 Series* – Heavy-duty cutting knives								
D2000-48 *	8-1/16" (205 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	plastic-dipped	royal blue	.60
Journeyman 2000 Series* – Dual-material handles								
J2000-48 *	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

**Semi-flush cutting knives cut Cherry Burrell rivets. For use on non-ferrous wire only.

Refer to the insulated section for insulated pliers.

High-Leverage Diagonal-Cutting Pliers

JOURNEYMAN

Additional Features:

- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs.
- Short jaws and beveled cutting edges permit close cutting of wire.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-28

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J228-8	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.67
2000 Series* – Heavy-duty cutting knives								
J2000-28	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.67

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

High-Leverage Diagonal-Cutting Pliers – Angled Head

JOURNEYMAN

Additional Features:

- Angled head design for easy work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting and gripping power than other plier designs.
- Short jaws and beveled cutting edges permit close cutting of wire.
- Induction-hardened cutting knives for long life.
- Hot-riveted joint ensures smooth action and no handle wobble.



J2000-48

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
J248-8 *	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	red/black	.61
2000 Series* – Heavy-duty cutting knives								
J2000-48 *	8-1/8" (206 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	Journeyman	light blue/black	.61

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

All dimensions are in inches and (millimeters).

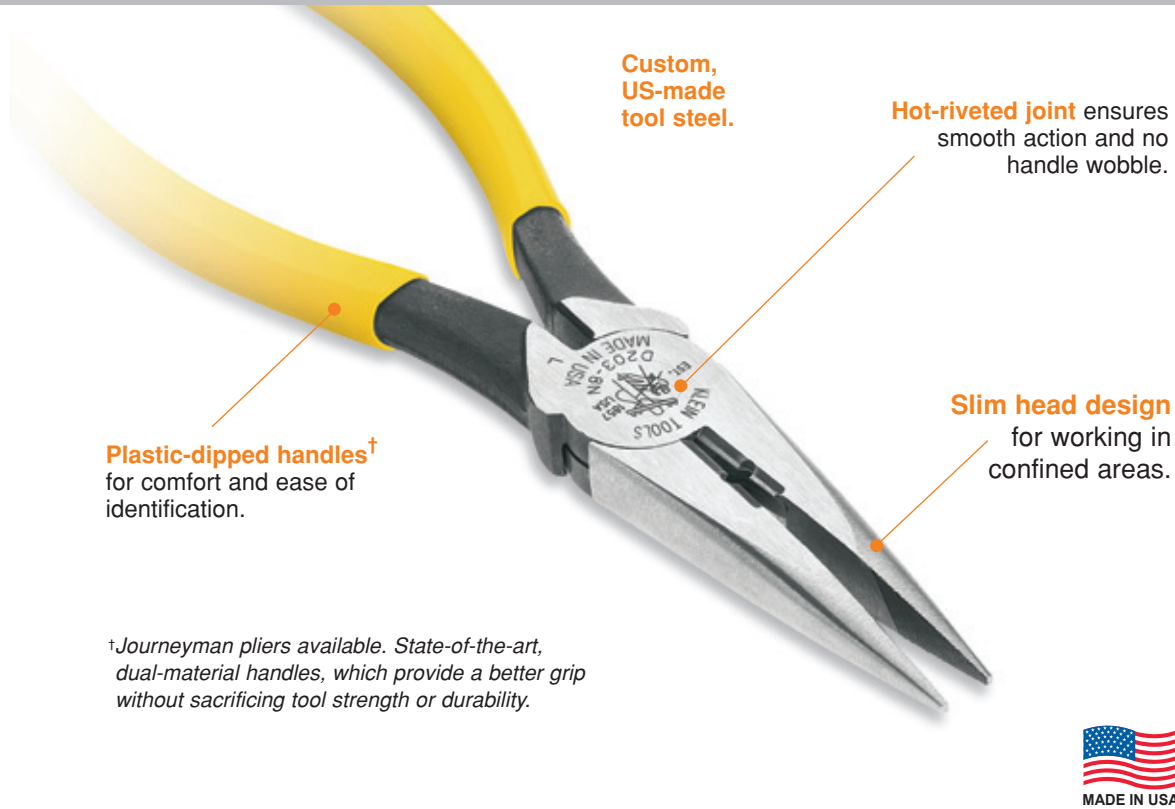
⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.


Long-Nose Pliers

*Special Order in Australia

Features:



Plastic-dipped handles[†] for comfort and ease of identification.

Custom, US-made tool steel.

Hot-riveted joint ensures smooth action and no handle wobble.

Slim head design for working in confined areas.

[†]Journeyman pliers available. State-of-the-art, dual-material handles, which provide a better grip without sacrificing tool strength or durability.



Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

- Induction hardened cutting knives for long life.
- Heavier design for greater cutting power.
- Extended handles provide added reach and leverage.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight(lbs.)
D203-8 *	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.60
Journeyman Series – Dual-material handles									
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
Wire Stripping – Cleanly strips 12 AWG wire									
D203-8N *	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.59
Journeyman Series – Dual-material handles									
J203-8N *	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64
Wire Stripping & Crimping – Cleanly strips 12 AWG wire; crimps connectors, lugs & terminals									
D203-8NCR *	8-7/16" (214 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	plastic-dipped	yellow	.61

Refer to the insulated section for insulated pliers.

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



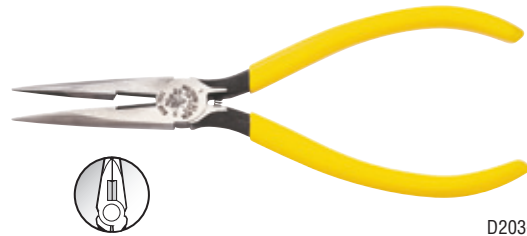
Long-Nose Pliers

* Special Order in Australia

Standard Long-Nose Pliers – Side-Cutting

Additional Features:

- Induction hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D203-6C

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight(lbs.)
D203-5	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.23
D203-5C*	5-5/8" (143 mm)	1-1/2" (38 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.23
D203-6	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.27
D203-6C*	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.27
D203-7	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.29
D203-7C*	7-3/16" (183 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	1/16" (1.6 mm)	plastic-dipped	yellow	.29
Journeyman Series – Dual-material handles									
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33
Switchboard Work – Cleanly strips 19 & 22 AWG wire									
D203-6H2	6-5/8" (168 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	plastic-dipped	yellow	.26

*Spring-loaded action for self-opening.

Refer to the insulated section for insulated pliers.

Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

- Induction-hardened, long-lasting cutting knives.
- Heavier design for greater cutting power.
- Extended handles provide added reach and leverage.
- Slim head design for working in confined areas.
- Hot-riveted joint ensures smooth action and no handle wobble.

JOURNEYMAN



J203-8

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-8	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.63
Wire Stripping – Cleanly strips 12 AWG wire									
J203-8N	8-9/16" (218 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	Journeyman	yellow/black	.64

Standard Long-Nose Pliers

JOURNEYMAN

Additional Features:

- Slim head design for working in confined areas.
- Induction-hardened, long-lasting cutting knives.
- Knurled jaws for sure wrapping and looping.
- Hot-riveted joint ensures smooth action and no handle wobble.



J203-7

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
J203-6	6-3/4" (171 mm)	1-7/8" (48 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.30
J203-7	7-5/16" (186 mm)	2-7/16" (62 mm)	11/16" (18 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	Journeyman	yellow/black	.33

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Special Use Pliers

*Special Order in Australia

End-Cutting Pliers

- Wide throat clearance for clean, even cutting of wire or nails at close range.
- High-leverage design provides greater cutting power at the knives than other plier designs.
- Extended handles for longer reach and increased leverage.



D232-8

Cat.No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D232-8 *	8-1/2" (216 mm)	3/8" (10 mm)	1-3/16" (30 mm)	19/32" (15 mm)	1-3/16" (30 mm)	plastic-dipped	red	.71
2000 Series* - Heavy-duty cutting knives								
D2000-32	8-1/2" (216 mm)	3/8" (10 mm)	1-3/16" (30 mm)	19/32" (15 mm)	1-3/16" (30 mm)	plastic-dipped	royal blue	.71

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

Pump Pliers

Pump Pliers

- Secure tongue and groove design for non-slip grip – even with heavy pressure.
- Wide range of versatile jaw positions.



D502-6

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D502-6	6-1/2" (165 mm)	7/8" (22 mm)	plastic-dipped	yellow	.41
HD502-6 *	6-5/8" (168 mm)	7/8" (22 mm)	heavy-duty plastic-dipped	light red	.44
D502-10	10" (254 mm)	1-3/4" (45 mm)	plastic-dipped	yellow	.97
HD502-10 *	10-1/8" (257 mm)	1-3/4" (45 mm)	heavy-duty plastic-dipped	light red	1.01
D502-12	12-1/4" (311 mm)	2-3/8" (60 mm)	plastic-dipped	yellow	1.37
HD502-12 *	12-3/8" (314 mm)	2-3/8" (60 mm)	heavy-duty plastic-dipped	light red	1.48
D502-16 *	16-3/4" (425 mm)	4-1/4" (108 mm)	plastic-dipped	yellow	3.22

Journeyman Series – Dual-material handles

J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02
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Refer to the insulated section for insulated pliers.

Pump Pliers

JOURNEYMAN

Additional Features:

- Secure tongue and groove design for non-slip grip – even with heavy pressure.
- Wide range of versatile jaw positions.
- Tension-loaded joint to reduce handle wobble for sure gripping.
- Induction-hardened jaws for long life.



J502-10

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
J502-10	10-1/4" (260 mm)	1-3/4" (45 mm)	Journeyman	yellow/black	1.02

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

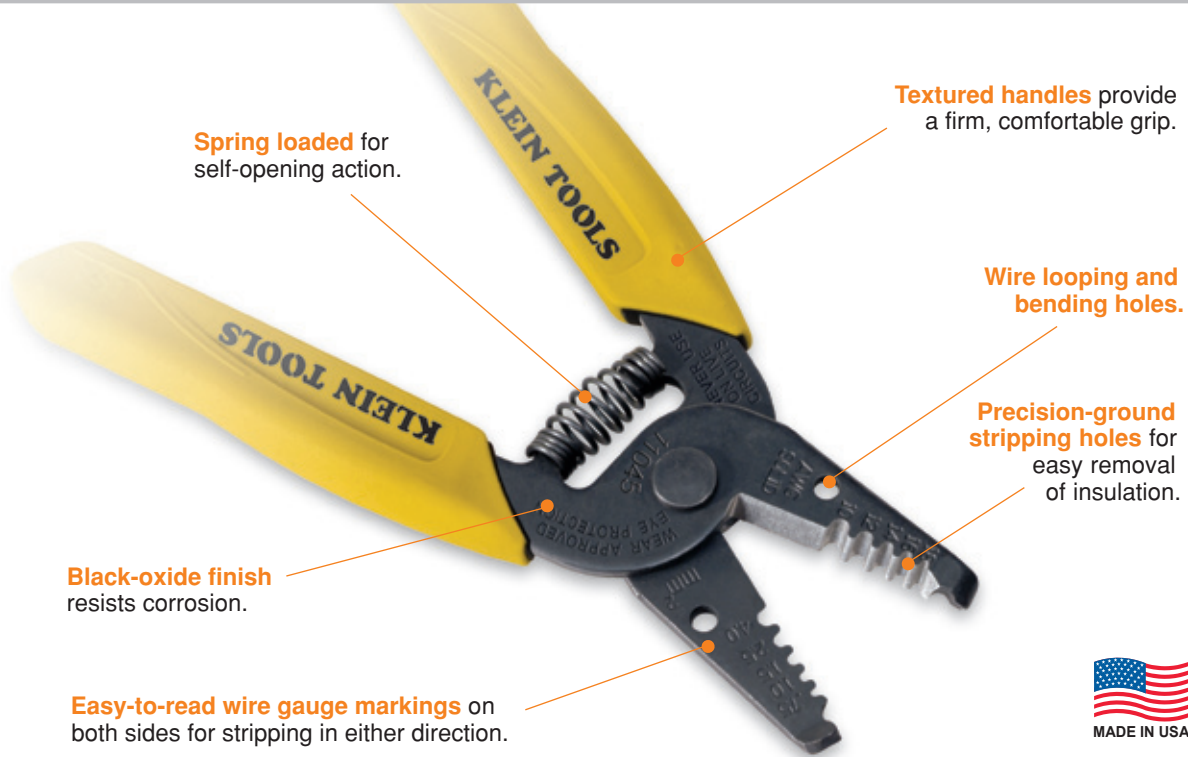
WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Wire Strippers/Cutters

*Special Order in Australia

Features:



Wire Strippers/Cutters

Additional Features:

- Compact, lightweight wire-stripping and cutting tools.
- Narrow nose fits into tight places.
- Hardened steel with precision ground stripping holes.
- Do not use for cutting steel wire or bolts.



11045

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11045 *	yellow	6-1/4" (159 mm)	10 – 18 AWG solid (4.0 mm ² – .75 mm ²)	.27
11046 *	red	6-1/4" (159 mm)	16 – 26 AWG stranded (1.0 mm ² – .14 mm ²)	.27
11047 *	yellow	6-1/4" (159 mm)	22 – 30 AWG solid (.34 mm ² – .05 mm ²)	.27
11049 *	red	6-1/4" (159 mm)	8 – 16 AWG stranded (6 mm ² – 1.0 mm ²)	.27

Dual-Wire Stripper/Cutter

Additional Features:

- Strips two wires in a single motion.
- Paired stripping holes for 14 and 12 AWG solid wire.
- One stripping hole for 10 AWG solid wire.
- Shear-type cutting blades for square, clean cuts.
- Narrow nose fits into tight places.
- Hardened steel with precision ground stripping holes.



11048

Cat. No.	Handle Color	Overall Length	Strips and Cuts	Weight (lbs.)
11048 *	yellow	6-1/4" (159 mm)	10, 12, 14 AWG solid (4.0 mm ² , 2.5 mm ² , 1.5 mm ²)	.27



SOLID
10, 12, 14 AWG

All dimensions are in inches and (millimeters).

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

⚠WARNING: Never use on or near live electrical circuits.

⚠WARNING: Always wear approved eye protection.



Wire Strippers/Cutters

Wire Stripper/Cutter – Solid and Stranded Wire

- Strips six standard wire sizes without nicking wire.
- Scissors action of 1 1/2" (13 mm) wide cutter makes clean cuts with little effort.
- Serrated nose jaws to bend, shape or pull wire; holes for looping wire ends.
- Spring-loaded for self-opening action.
- Comfortable, plastic-covered handles.



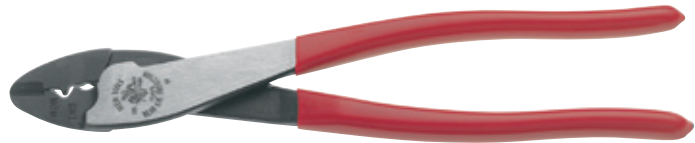
1011

Cat. No.	Overall Length	Strips and Cuts	Handle Color	Weight (lbs.)
1011	6-1/8" (156 mm)	10-20 AWG solid & stranded (4.0 mm ² – .50 mm ²)	blue	.23

Crimping Tools

Crimping/Cutting Tools – Non-Insulated/Insulated Terminals

- Crimping die marked for insulated and non-insulated solderless terminals and connectors.
- Tapered nose design for working in confined spaces.
- Specially hardened wire cutter in nose.
- Hot-riveted joint for smooth action and no handle wobble.



1005

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1005	red	10-22 AWG	9-3/4" (248 mm)	.80
Journeyman Series – Dual-material handles				
J1005	red/black	10-22 AWG	9-3/4" (248 mm)	.84

Crimping/Cutting Tool – Non-Insulated Terminals

- Designed for crimping non-insulated solderless terminals and connectors.
- Specially hardened wire cutter in nose.
- Tapered nose for working in confined spaces.
- Plastic-dipped cushioned handles for comfort.



1006

Cat. No.	Handle Color	Crimps	Overall Length	Weight (lbs.)
1006	black	10-22 AWG	9-3/4" (248 mm)	.85

Crimping/Cutting Tool – Non-Insulated/Insulated Connectors

JOURNEYMAN

Additional Features:

- Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors.
- Tapered nose design for working in confined spaces.
- Contoured thumb area for additional comfort and positive feel.
- Specially hardened cutter.
- Hot-riveted joint ensures smooth action and no handle wobble.



J1005

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J1005	9-3/4" (248 mm)	Journeyman	red/black	.84

All dimensions are in inches and (millimeters).

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

⚠WARNING: Never use on or near live electrical circuits.

⚠WARNING: Always wear approved eye protection.

Strippers, Cutters & Crimpers



Cable Cutters

Features:

Custom, US-made tool steel.

Hot-riveted joint ensures smooth action and no handle wobble.

Beveled jaw tips provide proper mating and shearing action, which protects leading jaw edges.

Through-hardened (not case-hardened) for longer-lasting cutting surfaces.



Cable & Bolt Cutters

High-Leverage Cable Cutters

Additional Features:

- High-leverage design for exceptional cutting capability.
- Precision, one-hand shearing action.
- Cable-gripping shear-type jaws.
- Perfect for working in confined spaces.
- Can be carried in most tool pouches.



63050

⚠WARNING: Do NOT use to cut steel or ACSR.

Cat. No.	Overall Length	Handle Color	Maximum Cable Cutting Capacity	Weight (lbs.)
63050	9-1/2" (241 mm)	red	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	.90

High-Leverage Cable Cutter

JOURNEYMAN

Additional Features:

- Cuts up to 4/0 aluminum AWG (no ACSR), 2/0 AWG soft copper and 100-pair 24 AWG communications cable.
- High-leverage for greater cutting power.
- Precision, one-hand shearing action.



J63050

⚠WARNING: Do NOT use to cut steel or ACSR.

Cat. No.	Overall Length	Handle Finish	Handle Color	Weight (lbs.)
J63050	9-9/16" (243 mm)	Journeyman	red/black	.98

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Cable Cutters

Compact Cable Cutter

- Precise, one-hand shearing action cuts 24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable.
- Special shear angle cuts cleanly without compression to cable geometry for telecom cable work.
- Heat-treated, high-carbon steel shearing edges for long life.
- Forged body with 3/8" (10 mm) case-hardened rivet.
- Plastic-dipped handles for comfort.
- Not designed for cutting steel or ACSR.



63055

⚠WARNING: Do NOT use to cut steel or ACSR.

Cat. No.	Overall Length	Maximum Cable Cutting Capacity	Handle Color	Weight (lbs.)
63055	8" (203 mm)	24 AWG copper, aluminum multi-strand cable and wire, and 100-pair telephone cable	red	.65

Standard Cable Cutters

- Lightweight, yet efficient shear-type cable cutters.
- 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.
- Makes a clean, even cut for ease in fitting lugs and terminals.
- Not designed for cutting steel or ACSR.

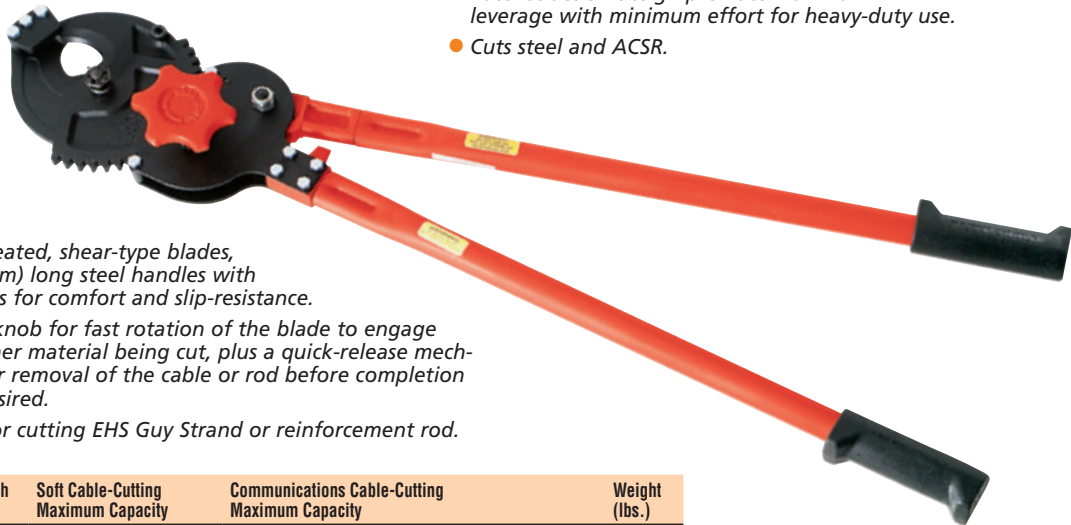


63041

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	MCM Cable-Cutting Maximum Capacity	Weight (lbs.)	Replacement Cable Cutter Heads (complete)	Fits Klein Cat. No.	Weight (lbs.)
63041	25-1/2" (648 mm)	1-3/8" (35 mm) diameter	500 copper, 750 aluminum	5.25	63081	63041	2.05
63045	32" (813 mm)	1-3/4" (44 mm) diameter	1000 copper, 1200 aluminum	8.00	63090	63045	3.30

Ratcheting Cutter – Heavy-Duty

- Ratchet-action design provides maximum leverage with minimum effort for heavy-duty use.
- Cuts steel and ACSR.



- Forged, heat-treated, shear-type blades, plus 24" (609 mm) long steel handles with heavy vinyl grips for comfort and slip-resistance.
- Blade-advance knob for fast rotation of the blade to engage the cable or other material being cut, plus a quick-release mechanism allows for removal of the cable or rod before completion of the cut, if desired.
- Not designed for cutting EHS Guy Strand or reinforcement rod.

Cat. No.	Overall Length	Soft Cable-Cutting Maximum Capacity	Communications Cable-Cutting Maximum Capacity	Weight (lbs.)
63700	36" (914 mm)	2-1/4" (57 mm) diameter	1-1/4" (32 mm) dia. ACSR, ACAR 7/16" (11 mm) dia. common guy strand 5/8" (16 mm) dia. steel wire rope 1/2" (13 mm) dia. steel rod (C.R.S. SOFT) 750 MCM (1-3/8" dia.) (35 mm) copper or aluminum	14.00

63700

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

Cable & Bolt Cutters



Cable Cutters

* Special Order in Australia

Cable & Bolt Cutters

Ratcheting Cable Cutters

- High leverage ratchet mechanism for single-handed cutting of copper and aluminum cables, leaving no burrs or sharp edges.
- Patented two-step ratchet mechanism requires fewer strokes per cut (63060 and 63750).
- Quick release 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.
- Plastic covered handles with hand guards for comfort and firm grip.
- Locking lever keeps handles closed for easy transport; fits in a toolbox or bag.
- One-year warranty.



63060



63600



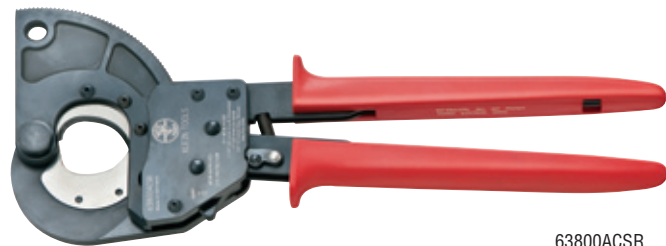
63750

WARNING: Do NOT use to cut steel or ACSR.

Cat No	MCM Maximum Cable Capacity				Length	Weight (lbs.)
	Copper	Aluminum	Communication Cable			
63060	Maximum: 400 kcmil (MCM) (185 mm ²)	Maximum: 600 kcmil (MCM) (300 mm ²)	Maximum: 1-1/8" (28 mm)		10-1/4" (260 mm)	1.32 lbs. (600 g)
63600	Maximum: 600 kcmil (MCM) (300 mm ²)	Maximum: 600 kcmil (MCM) (300 mm ²)	Maximum: 1-3/4" (44 mm)		9" (229 mm)	2.12 lbs. (962 g)
63750	Maximum: 1000 kcmil (MCM) (500 mm ²) Frequent Use: 750 kcmil (MCM) (400 mm ²)	Maximum: 1000 kcmil (MCM) (500 mm ²) Frequent Use: 750 kcmil (MCM) (400 mm ²)	Maximum: 2-1/16" (52 mm)		12-1/8" (308 mm)	1.76 lbs. (800 g)

ACSR Ratcheting Cable Cutter

- Cutting inserts are easily replaced by simply removing 3 screws per blade.
- Capacity:
477 MCM ACSR
1-1/4" (32 mm) Ø CU-AL Stranded
1" (25 mm) Ø CU Solid
1/2" (13 mm) Ø Guy Strand (NOT FOR EHS)
- Tool can be locked when not in use.
- High leverage ratcheting mechanism for easier cutting.
- Plastic covered handles with hand guards for comfort and firm grip.
- At a length of just under 14" tool can be carried in a tool pouch.



63800ACSR

Cat. No.	Cutting Capacity ACSR - Max.	Cutting Capacity Stranded Aluminum and Copper - Max.	Cutting Capacity Solid Copper - Max.	Cutting Capacity Guy Strand - Max.	Length	Weight (lbs.)
63800ACSR	477 MCM (273 mm ²)	1-1/4" (32 mm)	1" (25 mm)	1/2" (13 mm)	13-3/4" (349 mm)	3.2
Replacement Cutting Inserts (with set of 6 screws)		Fits Klein Cat. No.				
63858 *	63800ACSR					

All dimensions are in inches and (millimeters).

WARNING: Always wear approved eye protection.

WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



Bolt Cutters

*Special Order in Australia

Bolt Cutters



- Handles have heavy vinyl grips with flat grip ends for 90° angle cuts.
- All-purpose, center-cut jaws for soft, medium, and hard metals.
- Forged, alloy tool steel jaws are precision ground for sure, efficient cutting, and long life.
- Lockplate reinforcement prevents jaw bolts from loosening or turning, keeps jaws in correct alignment.
- One adjustment realigns cutting edges.
- 3-point toggle joint multiplies 50 lbs. of hand pressure on handles to 4,000 pounds at cutting jaws.

⚠WARNING: NOT for cutting cable.

63124

Steel Handles

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63314	steel	14" (356 mm)	5/16" (8 mm)	3/16" (5 mm)	red	3.15
63318	steel	18" (457 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.55
63324	steel	24" (610 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.30
63330	steel	30" (762 mm)	1/2" (13 mm)	3/8" (10 mm)	red	10.20
63336	steel	36" (914 mm)	9/16" (14 mm)	7/16" (11 mm)	red	14.25
63342	steel	42" (1067 mm)	11/16" (18 mm)	1/2" (13 mm)	red	19.20

* Up to Brinell 300, Rockwell C31.

** Up to Brinell 400, Rockwell C42.

Fiberglass Handles

Cat. No.	Handle Type	Overall Length	Soft & Medium Cutting Maximum Capacities*	Hard Material Cutting Maximum Capacities**	Handle Color	Weight (lbs.)
63118 *	fiberglass	18-1/4" (464 mm)	3/8" (10 mm)	1/4" (6 mm)	red	3.65
63124 *	fiberglass	24-1/2" (622 mm)	7/16" (11 mm)	5/16" (8 mm)	red	6.13
63130 *	fiberglass	30-1/2" (775 mm)	1/2" (13 mm)	3/8" (10 mm)	red	9.50
63136 *	fiberglass	36-1/2" (927 mm)	9/16" (14 mm)	7/16" (11 mm)	red	12.95

* Up to Brinell 300, Rockwell C31.

** Up to Brinell 400, Rockwell C42.

Replacement Bolt Cutter Heads (complete)

Cat. No.	Fits Cat. No.	Weight (lbs.)
63214 *	63314	1.00
63218 *	63118, 63318	1.25
63224 *	63124, 63324	2.10
63230 *	63130, 63330	3.40
63236 *	63136, 63336	4.65
63242 *	63342	5.95

Replacement Fiberglass Handle Sets

Cat. No.	Fits Cat. No.	Weight (lbs.)
63119 *	63118	2.15
63125 *	63124	3.76
63131 *	63130	5.56
63137 *	63136	7.55

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.



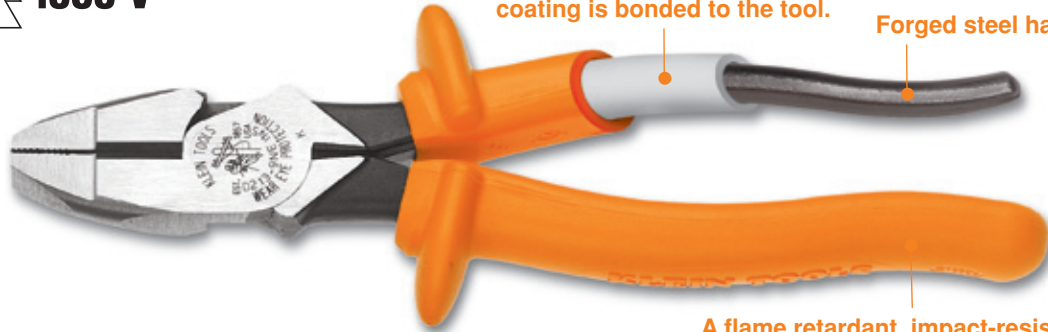
Introduction – Insulated Tools



1000 V

Thick, exceptionally tough, high-dielectric white inner coating is bonded to the tool.

Forged steel handle.



A flame retardant, impact-resistant, bright orange outer coating.

The line of insulated tools incorporates all the Klein quality design and construction features that professionals have relied on. The tools combine excellent functionality along with reduction of risk of injury where a tool might make contact with an energized source with voltage up to 1000 volts.

All catalog numbers for Klein insulated tools have the suffix “INS” and are marked with the official international 1000-volt rating symbol. Not all tools with plastic coatings or plastic handles provide protection against electrical shock. **Only use those tools that are marked with the official international 1000-volt rating symbol, as shown, if there is any chance that the tool will make contact with an energized source.**

- All Klein insulated tools comply with the IEC 60900 and ASTM F 1505 standards for insulated tools, and are clearly marked with the 1000-volt rating symbol.
- The large, bright orange handles make the tool comfortable to use all day and easy to identify in the field.
- The insulation on each tool consists of two layers. The high-dielectric white inner layer is a thick, exceptionally tough base coating which is bonded to the tool. The outer layer is a flame-resistant, bright orange color.

Insulated Tools

Insulated Pliers

Features:

Custom, US-made tool steel.

Two layers of insulation provide protection against electric shock.

Integral guards help prevent hand contact with conductive parts.



1000 V

Klein insulated tools exceed the IEC 60900 and ASTM F1505 standards, for insulated tools, and are clearly marked with the official 1000-volt rating symbol.



⚠WARNING: Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



1000 V

⚠WARNING: Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

⚠WARNING: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

⚠WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

⚠WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

Insulated Pliers

*Special Order in Australia

Insulated High-Leverage Side-Cutting Pliers

Additional Features:

- Individually tested to exceed standards.
- High-leverage design provides 46% greater cutting and gripping power than other plier designs.
- Streamlined design with sure-gripping, cross-hatched knurled jaws.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25

2000 Series* - Heavy-duty cutting knives

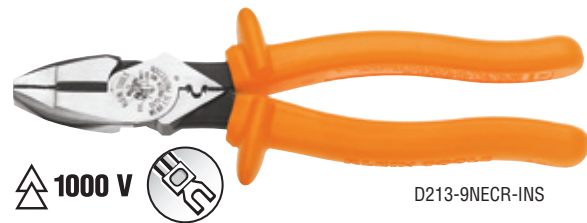
D2000-9NE-INS	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.25
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*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

Insulated High-Leverage Side-Cutting Pliers - Connector Crimping

Additional Features:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
D213-9NECR-INS *	New England	9-5/8" (245 mm)	1-19/32" (41 mm)	1-5/16" (33 mm)	5/8" (16 mm)	25/32" (20 mm)	insulated	orange	1.24

Insulated Universal Side-Cutting Pliers - Connector Crimping

Additional Features:

- Individually tested to exceed standards.
- Crimping die behind hinge for superior leverage crimping non-insulated connectors, lugs and terminals.
- Toothed pipe grip for greater power.



Cat. No.	Nose Type	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Handle Finish	Handle Color	Weight (lbs.)
12098-INS	Universal	8-7/8" (225 mm)	1-25/32" (45 mm)	1-1/32" (26 mm)	1/2" (13 mm)	3/4" (19 mm)	insulated	orange	.89

Insulated High-Leverage Diagonal-Cutting Pliers

Additional Features:

- Individually tested to exceed standards.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D228-8-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

2000 Series* - Heavy-duty cutting knives

D2000-28-INS	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
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*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

All dimensions are in inches and (millimeters).

▲WARNING: Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



▲WARNING: Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

▲WARNING: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

▲WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

▲WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

Insulated Tools



Insulated Pliers

* Special Order in Australia

Insulated High-Leverage Diagonal-Cutting Pliers – Angled Head

Additional Features:

- Individually tested to exceed standards.
- Angled head for easier work in confined spaces.
- High-leverage design. Rivet is closer to the cutting edge for 36% greater cutting power than other plier designs.



D248-8-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D248-8-INS *	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74
2000 Series* – Heavy-duty cutting knives								
D2000-48-INS *	8-1/4" (210 mm)	13/16" (21 mm)	1-3/16" (30 mm)	7/16" (11 mm)	standard	insulated	orange	.74

*Cuts ACSR, screws, nails, and most hardened wire. Features combination polished and black-oxide finish.

Insulated Heavy-Duty Diagonal-Cutting Pliers – Tapered Nose

Additional Features:

- Individually tested to exceed standards.
- Heavy-duty tapered nose design.
- One-inch deep jaws easily reach into confined spaces.



D220-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Cutting Knives	Handle Finish	Handle Color	Weight (lbs.)
D220-7-INS	7-7/8" (200 mm)	1" (25 mm)	31/32" (25 mm)	1/2" (13 mm)	standard	insulated	orange	.66

Insulated Heavy-Duty Long-Nose Pliers – Side-Cutting

Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Heavier design for easier, more comfortable cutting.
- Extended handles provide added reach and leverage.
- Cat. No. D203-8N-INS has skinning hole for No. 12 AWG wire.



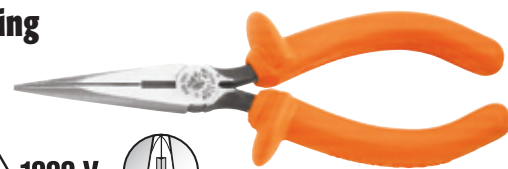
D203-8N-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-8-INS	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73
D203-8N-INS *	8-7/8" (225 mm)	2-5/16" (59 mm)	1" (25 mm)	1/2" (13 mm)	5/8" (16 mm)	1/8" (3 mm)	insulated	orange	.73

Insulated Standard Long-Nose Pliers – Side-Cutting

Additional Features:

- Individually tested to exceed standards.
- Induction hardened cutting knives for long life.
- Knurled jaws for sure wrapping and looping.
- Curved handles provide greater tool control.



D203-7-INS

Cat. No.	Overall Length	Jaw Length	Jaw Width	Jaw Thickness	Knife Length	Point Thickness	Handle Finish	Handle Color	Weight (lbs.)
D203-6-INS	6-7/8" (175 mm)	1-15/16" (49 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.35
D203-7-INS	7-3/8" (187 mm)	2-7/16" (62 mm)	11/16" (17 mm)	3/8" (10 mm)	1/2" (13 mm)	3/32" (2 mm)	insulated	orange	.37

All dimensions are in inches and (millimeters).

See next page for important safety information regarding insulated tools line.



Insulated Pliers

Insulated Pump Pliers

Additional Features:

- Individually tested to exceed standards.
- Secure tongue and groove design for non-slip grip – even with heavy pressure.



D502-10-INS

Cat. No.	Overall Length	Max. Jaw Capacity	Handle Finish	Handle Color	Weight (lbs.)
D502-10-INS	10-1/4" (260 mm)	1-3/4" (44 mm)	insulated	orange	1.09

Insulated Crimping/Cutting Tool

Insulated Crimping/Cutting Tool

Additional Features:

- Individually tested to exceed standards.
- Insulated crimping tool with tapered nose designed for working in confined spaces.
- Crimping dies marked for insulated and non-insulated solderless terminals and connectors.
- Accommodates wire from No. 10 to 22 AWG.
- Wire cutter in nose.



1005-INS

Cat. No.	Overall Length	Crimps	Handle Color	Weight (lbs.)
1005-INS	9-3/4" (248 mm)	10 to 22 AWG	orange	1.05

Insulated Cable Cutter

Insulated High-Leverage Cable Cutter

Additional Features:

- Individually tested to exceed standards.
- Special, high-leverage design for exceptional cutting capability.
- Cable-gripping shear-type jaws.
- Precision, one-hand shearing action.
- Perfect for working in confined spaces.



63050-INS

▲WARNING: Do NOT use to cut steel or ACSR.

Cat. No.	Overall Length	Cuts Up to	Handle Color	Weight (lbs.)
63050-INS	9-5/8" (245 mm)	4/0 aluminum, 2/0 soft copper, 100-pair 24 AWG communications wire	orange	1.04

Insulated Skinning Knife

Insulated Cable/Lineman's Skinning Knife

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Extra-strong construction for line work.
- Tough, tempered-steel blade provides maximum sharpness and durability to withstand frequent cable scoring.
- Rugged insulated handle provides a firm, comfortable grip and has large finger guard.



1570-3LR-INS

Cat. No.	Blade Length	Handle Color	Nominal Overall Length	Weight (lbs.)
1570-3LR-INS	2-1/4" (57 mm)	orange	7-3/4" (197 mm)	.40

All dimensions are in inches and (millimeters).

▲WARNING: Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



▲WARNING: Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

▲WARNING: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

▲WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

▲WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

Insulated Tools



Insulated Screwdrivers and Nut Drivers

* Special Order in Australia

Insulated Keystone-Tip – Heavy-Duty Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Tips are precision ground to fit screw openings securely and resist slippage.
- Cushion-Grip handles for greater torque and comfort.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
602-4-INS	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.30
602-6-INS	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
602-10-INS	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.66

Insulated Cabinet-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for greater torque and comfort.
- Perfect for electrical, telephone and work in recessed holes and other tight spaces.



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-4-INS	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.17
601-6-INS	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.19
601-8-INS	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.21

Insulated Phillips-Tip – Round-Shank Screwdrivers

Additional Features:

- Individually tested to exceed standards.
- Cushion-Grip handles for greater torque and comfort.
- Tips are profilated to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-3-INS	No. 1	3" (76 mm)	6-3/4" (171 mm)	.16
603-4-INS	No. 2	4" (102 mm)	8-5/16" (211 mm)	.30
603-6-INS	No. 3	6" (152 mm)	11" (279 mm)	.40

Insulated, Square-Recess-Tip Screwdriver – Round-Shank

Additional Features:

- Individually tested to exceed standards.
- Round shank with square-recess tip.
- Cushion-Grip handle for greater torque and comfort.



Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
665-INS *	No. 1	8" (203 mm)	11-3/4" (298 mm)	.30
666-INS *	No. 2	8" (203 mm)	12-5/16" (313 mm)	.35
667-INS *	No. 3	8" (203 mm)	12-1/4" (313 mm)	.40

All dimensions are in inches and (millimeters).

▲WARNING: Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



▲WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

▲WARNING: Do NOT use to pry or chisel.

▲WARNING: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

▲WARNING: Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

▲WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.



Insulated Tool Kits

Utility Insulated 13-Piece Tool Kit

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- An assortment of 13 professional, insulated tools.
- The custom case includes two pallets with custom-fitted pockets for each tool, piano-hinged case cover has both a combination lock and two key-locked latches for security, storage space behind the pallets to keep important papers and accessory items.
- Case's inside dimensions are: 17-3/4" W x 14-1/4" D x 8" H (451 mm x 362 mm x 203 mm).
- Overall case dimensions are: 18-7/8" W x 15-3/8" D x 8-1/4" H (479 mm x 391 mm x 210 mm).
- Replaceable case available Cat. No. 33535.



33525

Cat. No.	Kit Contains	Weight (lbs.)
33525		20.05

Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers
D2000-28-INS	insulated diagonal-cutting pliers
D2000-48-INS	insulated diagonal-cutting pliers – angled head
D203-8-INS	insulated heavy-duty long-nose pliers – side-cutting
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")
602-6-INS	insulated keystone – heavy-duty round-shank screwdriver (5/16" x 6")
602-10-INS	insulated keystone – heavy-duty round-shank screwdriver (3/8" x 10")
603-3-INS	insulated Phillips – round-shank screwdriver (No. 1)

603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
603-6-INS	insulated Phillips – round-shank screwdriver (No. 3)
63050-INS	insulated high-leverage cable cutter
D502-10-INS	insulated pump pliers
1570-3LR-INS	insulated cable/lineman's skinning knife
33535	extra-sturdy, bright-yellow case

Insulated 8-Piece Tool Kits

- Individually tested to exceed standards.
- Two layers of insulation provide protection against electric shock.
- Compact assortment of eight popular insulated tools.
- Highly durable, black, nylon case features: coil-zipper closure, polypropylene handles, custom-fitted tool pockets.
- Overall case dimensions are: 15-1/2" W x 11" D x 2-1/2" H (394 mm x 279 mm x 64 mm).
- Replaceable case available Cat. No. 33536.



33529

Premium Insulated 8-Piece Tool Kit

Cat. No.	Kit Contains	Weight (lbs.)
33529 *	Premium Insulated Tool Kit	6.90

Cat. No.	Description
D2000-9NE-INS	insulated side-cutting pliers
D2000-48-INS *	insulated diagonal-cutting pliers
D203-8N-INS *	insulated heavy-duty long-nose pliers – side-cutting
601-6-INS	insulated cabinet – round-shank screwdriver (3/16" x 6")
602-4-INS	insulated keystone – heavy-duty round-shank screwdriver (1/4" x 4")
603-4-INS	insulated Phillips – round-shank screwdriver (No. 2)
63050-INS	insulated high-leverage cable cutter
11055-INS *	insulated wire stripper/cutter
33536 *	heavy-duty polyester case

All dimensions are in inches and (millimeters).

⚠WARNING: Only use tools that are marked with the official international 1000-volt rating symbol shown below, if there is any chance that the tools will make contact with an energized source.



⚠WARNING: Whenever possible, always de-energize lines and equipment prior to working on or around them. Klein insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source.

⚠WARNING: Do NOT touch uninsulated portion of the tool or any conductive object when either might contact an energized source.

⚠WARNING: Wear approved eye protection. Always inspect your tools before use. Do not use if orange coating cracks, breaks or becomes damaged. Destroy tool if white layer shows through orange layer.

⚠WARNING: Because moisture, films, or other surface contaminants are conductive, Klein insulated tools must be kept clean, dry, and free of any surface contaminants.

Insulated Tools

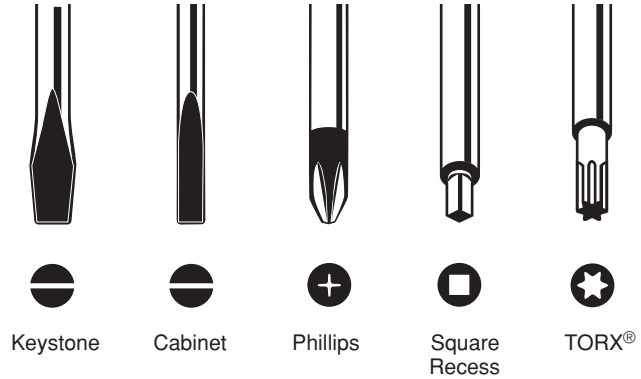


Introduction – Screwdrivers, Nut Drivers & Accessories

Klein screwdrivers give professionals extra-quality features that have made the Klein name famous for hand tools—features that assure greater convenience, comfort and efficiency in use, plus exceptional strength and durability.

All Klein drivers are made of the highest quality tempered steel, carefully heat-treated for maximum strength. Shafts have integral flanges that provide an extra-strong, torque-proof anchor in the handle. Strong, durable black tips are forged and precision ground with square edges to fit screw openings securely. They resist slippage and provide positive turning action.

Cushion-Grip screwdrivers feature super-comfortable, sure-grip handles on top-quality blades for the professional. All Klein screwdrivers meet or exceed applicable ANSI and MIL specifications.



Using screwdrivers

The size of the screw and the type of opening it has determines which driver to use. But there are a few tips on how to use a driver that can be of benefit, because screwdrivers are the most often misused and abused hand tools of all.

- 1. Never use a driver to do another tool's job.** Using a driver as a pry bar, scraper, or a chisel can ruin the tool, spoil the work, and cause injury.
- 2. Never push a driver beyond its capacity.** Make a pilot hole for the screw for easier driving. Use square-shank drivers for heavy work.
- 3. Never expose a driver to excessive heat.** Direct flame can draw the temper from the metal, weakening and possibly warping it, making it unsafe and inefficient to use.

4. Never use a driver at an angle to the screw. Always keep the shank perpendicular to the screw head. Driving at an angle or using a point that is too small can spoil the screw or slip and damage the work.

5. Never depend on a driver's handle or covered blade to insulate you from electricity. Plastic and Cushion-Grip handles are intended only to provide a firm, comfortable grip. Insulated blades are intended only as a protective measure against shorting out components. Only use insulated tools that are marked with the official international 1000-volt rating symbol if there is any chance that the tool will make contact with an energized source.

6. Discard damaged or worn drivers.

TORX® is a registered trademark of Acument Intellectual Properties, LLC.

Journeyman™ Screwdriver Sets

Features:

JOURNEYMAN™

Sleek new tri-lobe handle features an ultra comfortable soft grip material molded over a solid inner core to create exceptional control, grip and balance.

Hex-shaped welded bolster offers additional strength between the blade and handle.

Precision-machined tip for exact fit into the fastener.

Exceptionally hard steel shaft efficiently transfers every bit of torque generated into the tip.

Patented Tip-Ident® quickly identifies the type of screwdriver and screwdriver tip orientation.



Meets or exceeds applicable ASME / ANSI specifications.

All dimensions are in inches and (millimeters).

⚠ WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.

Journeyman™ Screwdriver Sets

5-Piece Journeyman™ Screwdriver Set



Additional Features:

- General purpose selection of the most frequently used screwdrivers.

Cat. No.	Set Contains	Weight (lbs.)	
JSDS01		1.15	
Cat. No.	Description	Shaft Length	Overall Length
JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)
JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)
JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)



JSDS01

7-Piece Journeyman™ Screwdriver Set



Additional Features:

- Accommodates a broad range of standard fastener sizes.

Cat. No.	Set Contains	Weight (lbs.)	
JSDS02		1.65	
Cat. No.	Description	Shaft Length	Overall Length
JSD4C06	3/16" Cabinet Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD6C06	3/16" Cabinet Tip Screwdriver	6" (152 mm)	10-1/4" (260 mm)
JSD4K08	1/4" Keystone Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6K09	5/16" Keystone Tip Screwdriver	6" (152 mm)	11" (279 mm)
JSD4PH1	#1 Phillips Tip Screwdriver	4" (102 mm)	8-1/4" (210 mm)
JSD4PH2	#2 Phillips Tip Screwdriver	4" (102 mm)	9" (228 mm)
JSD6PH3	#3 Phillips Tip Screwdriver	6" (152 mm)	11" (279 mm)



JSDS02

Journeyman™ Screwdrivers

Journeyman™ Cabinet-Tip Screwdrivers - Round Shaft



Additional Features:

- Narrow cabinet tip permits blade access where space is limited.
- Exceptionally hard steel shaft efficiently transfers torque into the tip.

Cat. No.	Shaft Tip Width	Shaft Length	Overall Length	Weight (lbs.)
JSD4C06	3/16" (5 mm)	4" (102 mm)	8-1/4" (210 mm)	0.15
JSD6C06	3/16" (5 mm)	6" (152 mm)	10-1/4" (260 mm)	0.15



JSD6C06

All dimensions are in inches and (millimeters).

⚠ WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠ WARNING: Always wear approved eye protection.

⚠ WARNING: Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers & Accessories



Journeyman™ Screwdrivers

Journeyman™ Phillips-Tip Screwdrivers – Round Shaft

JOURNEYMAN™

Additional Features:

- Tips are precision machined to provide a consistent symmetry.
- Provides accurate fit and torque without slippage.



JSD4PH2

Cat. No.	Point Size	Shaft Length	Overall Length	Weight (lbs.)
JSD4PH1	No. 1	4" (102 mm)	8-1/4" (210 mm)	0.15
JSD4PH2	No. 2	4" (102 mm)	9" (228 mm)	0.25
JSD6PH3	No. 3	6" (152 mm)	11" (279 mm)	0.35

Journeyman™ Keystone-Tip Screwdrivers – Round Shaft

JOURNEYMAN™

Additional Features:

- The most popular flat tip style used in high torque applications.
- Hex bolster reinforces blade for hard use and shows for wrench assisted turning.



JSD6K09

Cat. No.	Shaft Tip Width	Shaft Length	Overall Length	Weight (lbs.)
JSD4K08	1/4" (6 mm)	4" (102 mm)	9" (228 mm)	0.25
JSD6K09	5/16" (8 mm)	6" (152 mm)	11" (279 mm)	0.35

Cushion-Grip Screwdriver Sets

Features:

Integral flanges inside handle provide solid, twist-resistant blade anchor.

Special heat-treated shank.

Precision-machined tip for exact fit.

Premium chrome plated for smooth feel and corrosion resistance.

Meets or exceeds applicable ASME / ANSI specifications.

Cushion-Grip handle allows for greater torque and comfort.

Patented Tip-Ident® quickly identifies the type of screwdriver and screwdriver tip orientation.



All dimensions are in inches and (millimeters).

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers & Accessories



Cushion-Grip Screwdriver Sets

*Special Order in Australia

5-Piece Cushion-Grip Screwdriver Set

Additional Features:

- General-purpose selection of the most frequently used screwdrivers.
- Includes two cabinet-tip, one Phillips-tip, two keystone-tip screwdrivers.

Cat. No.	Set Contains	Weight (lbs.)
85075		1.30

Cat. No.	Description	Blade Length	Overall Length
600-4	square-shank, keystone-tip*	4" (102 mm)	8-11/32" (212 mm)
601-6	round-shank, cabinet-tip	6" (152 mm)	9-3/4" (248 mm)
602-6	round-shank, keystone-tip*	6" (152 mm)	10-15/16" (278 mm)
603-4	round-shank, No. 2 Phillips-tip	4" (102 mm)	8-5/16" (211 mm)
605-6	round-shank, cabinet-tip*	6" (152 mm)	10-11/32" (263 mm)

* Heavy-duty models



85075

4-Piece Square Recess Cushion-Grip Screwdriver Set

Additional Features:

- Color-coded handle ends with Tip-Ident® for quick and easy identification.
- Round shank with square-recess tip.
- Chrome plated shank for corrosion resistance.
- Cushion-grip handle for greater torque and comfort.
- Works on most combination head receptacle, switch and panel screws.

Cat. No.	Set Contains	Weight (lbs.)
85664 *		1.50

Cat. No.	Point Size	Color Code	Shank Length	Overall Length
660 *	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)
661 *	No. 1	green	4" (102 mm)	7-3/4" (197 mm)
662 *	No. 2	red	4" (102 mm)	8-5/16" (211 mm)
663 *	No. 3	black	4" (102 mm)	8-5/16" (211 mm)



85664

Cushion-Grip Screwdrivers

Keystone-Tip Screwdrivers – Heavy-Duty Square-Shanks

Additional Features:

- Heavy-duty square shank for wrench-assisted turning.
- Bolster reinforces shank for hard use.
- Designed for the most demanding uses.

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
600-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.40
600-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.65
600-12	1/2" (13 mm)	12" (305 mm)	17-7/16" (443 mm)	.80



600-4

All dimensions are in inches and (millimeters).

⚠WARNING: Always wear approved eye protection.

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers & Accessories



Cushion-Grip Screwdrivers

Keystone-Tip Screwdrivers – Heavy-Duty Round-Shanks

Additional Features:

- Built to handle the tough jobs with ease.
- Hex bolster reinforces shank for hard use and allows wrench assisted turning.



602-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
600-1*	1/4" (6 mm)	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
602-3	7/32" (6 mm)	3" (76 mm)	6-3/4" (171 mm)	.15
602-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
602-6	5/16" (8 mm)	6" (152 mm)	10-15/16" (278 mm)	.35
602-8	3/8" (10 mm)	8" (203 mm)	13-7/16" (341 mm)	.55
602-10	3/8" (10 mm)	10" (254 mm)	15-7/16" (392 mm)	.60
602-12	3/8" (10 mm)	12" (305 mm)	17-7/16" (443 mm)	.65

* Bolster not available on 600-1.

Refer to the insulated section for insulated screwdrivers.

Cabinet-Tip Screwdrivers – Round-Shanks

Additional Feature:

- Narrow cabinet-tip permits blade access where space is limited.



601-6

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
601-3	3/16" (5 mm)	3" (76 mm)	6-3/4" (171 mm)	.10
601-4	3/16" (5 mm)	4" (102 mm)	7-3/4" (197 mm)	.15
601-6	3/16" (5 mm)	6" (152 mm)	9-3/4" (248 mm)	.15
601-8	3/16" (5 mm)	8" (203 mm)	11-3/4" (298 mm)	.20
601-10	3/16" (5 mm)	10" (254 mm)	13-3/4" (349 mm)	.20

Cat. No.	Shank Tip Width	Shank Length	Overall Length	Weight (lbs.)
Heavy-Duty Shanks				
605-4	1/4" (6 mm)	4" (102 mm)	8-11/32" (212 mm)	.25
605-6	1/4" (6 mm)	6" (152 mm)	10-11/32" (263 mm)	.30
605-8	1/4" (6 mm)	8" (203 mm)	12-11/32" (314 mm)	.30
605-10	1/4" (6 mm)	10" (254 mm)	14-11/32" (365 mm)	.35

Refer to the insulated section for insulated screwdrivers.

Profilated Phillips-Tip Screwdrivers – Round-Shanks

Additional Features:

- Tips are precision-machined to provide a more consistent geometric symmetry than conventional Phillips-tip screwdrivers.
- Provides accurate fit and torque without slippage.



603-7

Cat. No.	Point Size	Shank Length	Overall Length	Weight (lbs.)
603-1	No. 2	1-1/2" (38 mm)	3-7/16" (87 mm)	.10
603-3	No. 1	3" (76 mm)	6-3/4" (171 mm)	.15
603-4	No. 2	4" (102 mm)	8-5/16" (211 mm)	.25
603-6	No. 3	6" (152 mm)	11" (279 mm)	.35
603-7	No. 2	7" (178 mm)	11-5/16" (287 mm)	.30
603-10	No. 2	10" (254 mm)	14-5/16" (364 mm)	.35

Refer to the insulated section for insulated screwdrivers.

All dimensions are in inches and (millimeters).

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.



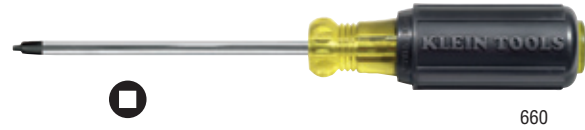
Cushion-Grip Screwdrivers

*Special Order in Australia

Square-Recess Tip Screwdrivers – Round-Shanks

Additional Features:

- Color-coded handle ends for quick and easy identification.
- Round shank with square-recess tip.
- Chrome plated shank for corrosion resistance.



660

Cat. No.	Point Size	Color Code	Shank Length	Overall Length	Weight (lbs.)
660 *	No. 0	yellow	4" (102 mm)	7-3/4" (197 mm)	.20
661 *	No. 1	green	4" (102 mm)	7-3/4" (197 mm)	.20
662 *	No. 2	red	4" (102 mm)	8-1/4" (210 mm)	.30
663 *	No. 3	black	4" (102 mm)	8-1/4" (210 mm)	.30
665 *	No. 1	green	8" (203 mm)	11-3/4" (298 mm)	.30
666 *	No. 2	red	8" (203 mm)	12-1/4" (311 mm)	.40
667 *	No. 3	black	8" (203 mm)	12-1/4" (311 mm)	.40

Refer to the insulated section for insulated screwdrivers.

Specialty Screwdrivers

11-in-1 Screwdriver/Nut Driver

Additional Feature:

- Integrated screwdriver/nut driver shaft holds 8 popular tips and converts to 3 nut driver sizes.
- End of handle is marked to quickly identify tool.



32500

Cat. No.	Contains	Weight (lbs.)
32500	3/8", 5/16" and 1/4" nut drivers, #1 and #2 Phillips, 1/4" and 3/16" slotted, T10 and T15 TORX®, #1 and #2 square-recess	.44

10-in-1 Folding Screwdriver/Nut Driver

10-FOLD™

- Each driver arm conveniently folds up into the body for easy storage or fit into your pocket.
- Each driver arm contains four interchangeable bit styles and two nut drivers.
- Unfold each driver arm up to a full 180° for straight on driving power, or at 90° for extra leverage on stubborn fasteners.
- The quick release button easily unlocks a fully extended driver arm.



32535

TORX®



32536

TAMPERPROOF TORX®



32537

FRACTIONAL HEX



32538

METRIC HEX



32539

Cat. No.	Handle Color	Description	Weight (lbs.)
32535	black	5/16" & 1/4" nut drivers, #1 and #2 Phillips, 1/4" & 3/16" slotted, T10 & T15 TORX®, and #1 and #2 square-recess	0.37
32536 *	green	5/16" & 1/4" nut drivers, T6, T7, T8, T10, T15, T20, T25, T27 Torx®	0.37
32537 *	green	5/16" & 1/4" nut drivers, T7, T8, T9, T10, T15, T20, T25, T27 Torx®	0.37
32538 *	red	5/16" & 1/4" nut drivers, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16" standard hex	0.37
32539	blue	5/16" & 1/4" nut drivers, .9 mm, 1.3 mm, 1.5 mm, 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm metric hex	0.37

TORX® is a registered trademark of Acument Intellectual Properties, LLC.

All dimensions are in inches and (millimeters).

⚠WARNING: NOT insulated. Will NOT protect against electrical shock.

⚠WARNING: Always wear approved eye protection.

⚠WARNING: Do NOT use to pry or chisel.

Screwdrivers, Nut Drivers & Accessories



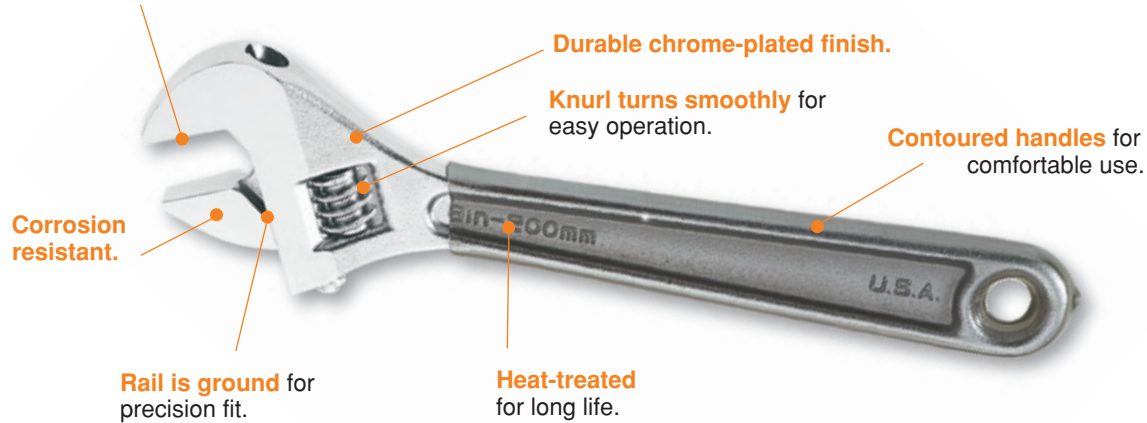
Adjustable Wrenches

* Special Order in Australia

Features:

Precision-machined jaws are individually chosen and assembled by hand for smooth operation.

Available in high-capacity.



Adjustable Wrenches – Extra Capacity

Additional Features:

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



D507-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
507-6	plain	6-1/4" (158 mm)	15/16" (23 mm)	.25
507-8	plain	8-1/4" (209 mm)	1-1/8" (28 mm)	.51
507-10	plain	10-1/4" (260 mm)	1-5/16" (33 mm)	.86
507-12	plain	12-1/4" (311 mm)	1-1/2" (38 mm)	1.32
D507-6	plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
D507-8	plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.62
D507-10	plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
D507-12	plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54
HD507-6 *	heavy-duty, plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
HD507-8 *	heavy-duty, plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.54
HD507-10 *	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
HD507-12 *	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Do NOT push or hammer wrench.

▲WARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

▲WARNING: Do NOT extend handle length.



Power-Return Rules

*Special Order in Australia

Features:



Power-Return Steel Rules – Magnetic Dual-End Hook, Double-Sided Blade



918-25RE

Additional Features:

- Large magnetic dual-end hook allows for easier one-person measurements on ferrous metals.**
- Large dual-end hook with double-sided blade for easy measurements, markings, and drawings.
- Comfortable rubber grip built into case for positive gripping and impact resistance.
- Positive blade lock holds blade securely in place.
- Oversized easy-to-read blade numbers.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
918-16RE *	16' (5 m)	1" (25 mm)	.60
918-25RE *	25' (7.5 m)	1" (25 mm)	.90
918-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
918-30RE *	30' (9 m)	1" (25 mm)	1.10

**Note: Magnetic strength will vary with different types of metal surfaces.

Power-Return Steel Rules – Magnetic Tip



916-25RE

Additional Features:

- Rare Earth magnetic tip sticks to iron and steel surfaces for simple one-person measurements.
- Comfortable, non-slip rubber jacket for easy gripping of case.
- Thick rubber jacket protects case against fall impacts.
- Convenient two-step lock button – 1st step slows retraction of the blade; 2nd step holds the blade securely.
- High-visibility orange case for easy locating in work areas and tool bags.
- Oversized, bold black numbers (first 11 inches) for easy reading*, 16" (406 mm) and 19" (485 mm) red stud markings.
- Tape measure holders available.

Cat. No.	Blade Length	Width	Weight (lbs.)
916-16RE *	16' (5 m)	1" (25 mm)	.63
916-25RE *	25' (7.5 m)	1" (25 mm)	.90
916-7.5ME-RE	7.5 m (25')	25 mm (1")	.90
916-30RE *	30' (9 m)	1" (25 mm)	1.10

(Note: Magnetic strength will vary with different types of metal surfaces.)

*Not available on Cat. No. 916-7.5ME-RE.

All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Always wear approved eye protection.

▲WARNING: Protect hands when cleaning magnetic tip. Use gloves or cloth.

▲WARNING: Avoid magnetic contact with sensitive electronic or computer equipment.

▲WARNING: To avoid personal injury and damage to this tool, do not allow the tape blade to retract into case at full speed.

▲WARNING: NOT insulated. Do NOT use on live circuits.

▲WARNING: Do NOT open case. Spring motor is under tension, and opening case may cause injury.



Fiberglass Tapes

*Special Order in Australia

Woven Fiberglass Tape – Case

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals.
- Can be immersed in water without adverse effects.
- All metal parts are nickel-plated for protection against rust.
- End-hooks are permanently attached to reinforced strip.
- Black case and reel are ruggedly built, yet lightweight and comfortable to use.
- Tape line graduated in feet and inches to 8ths.
- Black graduating numbers and red foot markings on yellow background.
- Protective carrying case encloses tape completely.
- Tape ring tucks neatly into case opening for storage.



946-100

Cat. No.	Length	Width	Weight (lbs.)
946-50 *	50' (15 m)	1/2" (13 mm)	.80
946-100 *	100' (30 m)	1/2" (13 mm)	1.20

Woven Fiberglass Tape – Open-Reel

- Woven fiberglass tape with moisture-proof coating of polyvinyl chloride assures durability and protects against oil or chemicals.
- Can be immersed in water without adverse effects.
- Black figures on a yellow background are easy to read.
- All metal parts are nickel-plated for protection against rust.
- End hooks are permanently attached to a reinforced strip.
- Case and reel are ruggedly built, yet lightweight and comfortable to use.
- Tape line is graduated in feet and inches to 8ths.
- Graduations and numbers are black; foot markings are red.
- Contained in a high-visibility orange open reel and is easy to handle and rewind.
- Line will not collect dirt or bring debris into the case.



946-150

Cat. No.	Length	Width	Weight (lbs.)
946-150 *	150' (46 m)	1/2" (13 mm)	1.70

Folding Rules

Wood Folding Rules



901-6

- Strong, 6' (183 cm) long hardwood rules with clear abrasion-resistant coating.
- Black markings on yellow, with red stud center markings every 16 inches.
- Measurements are marked on both sides and both edges, and graduated to 1/16th inch.
- Riveted lock joints are designed for long wear and maintained accuracy.
- Extension slide moves under friction in a T-slot with stops at each end. (Cat. No. 905-6)

Cat. No.	Reading	Length	Weight (lbs.)
900-6 *	inside	6' (183 cm)	.33
901-6 *	outside	6' (183 cm)	.33
6-Ft. Folding Rule — with Extension			
905-6 *	outside	6' (183 cm)	.33

Fiberglass Folding Rules



910-6

- Constructed of tough nylon, reinforced with glass fibers for added durability, and resistance to weather, abrasion, and most chemicals.
- Positive locking joints and stainless steel spring hinges for added strength.
- Measurements are marked on both sides and both edges, graduated to 1/16th inch.
- Black markings on yellow, with red stud center markings every 16 inches.
- Engraved graduations on both sides.

Cat. No.	Reading	Length	Weight (lbs.)
910-6 *	inside	6' (183 cm)	.33
911-6 *	outside	6' (183 cm)	.33

All dimensions are in inches and (millimeters) unless otherwise specified.

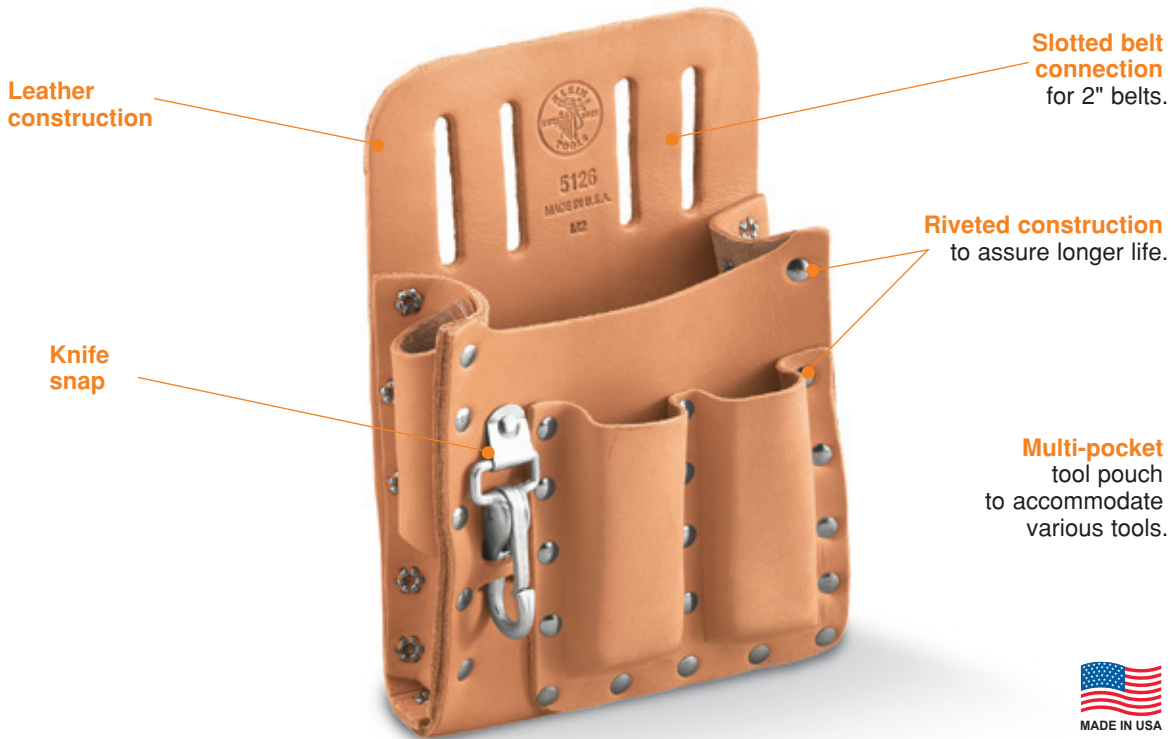
⚠WARNING: Always wear approved eye protection.



Tool Pouches

*Special Order in Australia

Features:



5-Pocket Tool Pouches

- Cat. No. 5125 is constructed of #4 canvas, leather back, pockets and loops.
- Cat. No. 5125L is constructed of leather.
- General-purpose pouches.
- Heavy-duty chain tape thong securely fastened with a rivet.
- Riveted and stitched for extra durability.

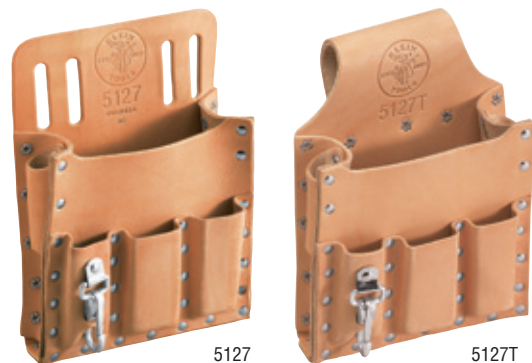


Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5125	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.63
5125L	5	leather tape thong	loops	2-1/4" (57 mm)	7-1/2" x 8-1/2" (191 mm x 216 mm)	.75

6-Pocket Tool Pouches

- Leather construction.
- Riveted to assure long life.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5127	6	knife snap	slotted	2" (51 mm)	7" x 10" (178 mm x 254 mm)	.79
5127T *	6	knife snap	tunnel	2-1/2" (64 mm)	7" x 10" (178 mm x 254 mm)	.87



All dimensions are in inches and (millimeters).



Tool Pouches

8-Pocket Extra-Capacity Tool Pouch

- Leather construction.
- Extra-capacity multi-purpose pouch.
- Stitched and riveted.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5162T	8	knife snap, leather tape thong	tunnel	3" (76 mm)	8-1/2" x 10-3/4" (216 mm x 273 mm)	1.71



5162T

8-Pocket Tool Pouches

- Leather construction.
- Riveted to assure long life.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5164	8	knife snap	slotted	2" (51 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.16
5164T	8	knife snap	tunnel	2-1/2" (64 mm)	6-3/4" x 9-3/4" (171 mm x 248 mm)	1.21



5164



5164T

10-Pocket Tool Pouch

- Leather construction.
- Riveted and stitched.

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5165	10	knife snap	slotted	2" (51 mm)	10" x 10" (254 mm x 254 mm)	1.26



5165

10-Pocket Tool Pouch

- Leather construction.
- Versatile pouch favored by many telephone installers.
- Riveted throughout to assure long life.
- Ten separate compartments with places for a wide variety of pliers, screwdrivers, and other tools.
- Slotted-leather tape thong (allows easy removal of 1" I.D. tape rolls).

Cat. No.	Pockets (Total Number)	Specialty Add-Ons	Belt Connection	Belt Width	Overall Size	Weight (lbs.)
5190	10	leather tape thong	slotted	1-3/4" (44 mm)	6" x 8-3/4" (152 mm x 222 mm)	.75



5190

All dimensions are in inches and (millimeters).



Tool Bags

*Special Order in Australia

Canvas Tool Bags

- Heavy-duty No. 8 natural canvas.
- Rivet-reinforced for durability.
- Steel-frame mouth with hinge for rugged use.
- Stitched and riveted leather handles for comfort and strength.
- Two retaining straps with buckles provide secure closure.
- Bottom and lower sides are covered with moisture-resistant vinyl.
- Non-scratch studs on base protect against wear.
- Shoulder strap kit available (Cat. No. 5102S);

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5102-12 *	12" (305 mm)	6" (152 mm)	10" (254 mm)	2.14
5102-14 *	14" (356 mm)	6" (152 mm)	14" (356 mm)	2.55
5102-16 *	16" (406 mm)	6" (152 mm)	14" (356 mm)	3.05
5102-18	18" (457 mm)	6" (152 mm)	14" (356 mm)	2.84
5102-20 *	20" (508 mm)	6" (152 mm)	15" (381 mm)	3.16
5102-22 *	22" (559 mm)	6" (152 mm)	15" (381 mm)	3.48
5102-24 *	24" (610 mm)	6" (152 mm)	15" (381 mm)	4.10



5102-12

Canvas Tool Bags

- Heavy-duty No. 6 natural canvas.
- Double-layer canvas bottom.
- Reinforced, riveted web handles.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5155	17" (432 mm)	9" (229 mm)	12" (305 mm)	1.56
5156	19" (483 mm)	9" (229 mm)	15" (381 mm)	1.82



5155

Extra-Large Nylon Equipment Bag

- Orange vinyl-coated nylon fabric bag.
- Bottom extends 3" (76 mm) up the sides.
- Bottom of bag is protected by metal studs.
- Bottom reinforced with 1/4" (6 mm) plywood.
- Nylon-web handles extend around bag for extra support.
- Wide opening steel frame is securely riveted in top of bag.
- Extra flap for storm protection.

Cat. No.	Length	Width	Height/Depth	Weight (lbs.)
5180	24" (610 mm)	10" (254 mm)	18" (457 mm)	6.00



5180

All dimensions are in inches and (millimeters).



Canvas Buckets

*Special Order in Australia

Features:

Rope handle reinforced with leather for water resistance and strength.

Durable, straight-wall and tapered-wall buckets are made of heavy-duty canvas.

The No. canvas refers to the canvas weight. No. 1 being the thickest and No. 8 being the thinnest.

High-density polyethylene top ring for strength and chemical resistance.



Leather-Bottom Buckets

Additional Features:

- 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.



5104

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5104	12" (305 mm)	12" (305 mm)	17" (432 mm)		2.71
5104S	12" (305 mm)	12" (305 mm)	17" (432 mm)	swivel snap (Cat. No. 2012)	2.93

Straight-Wall Buckets

Additional Features:

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



5106

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5106 *	9" (229 mm)	14" (356 mm)		1.51
5106P *	9" (229 mm)	14" (356 mm)	two 7" x 7" (178 mm x 178 mm) inside pockets	1.62
5106S *	9" (229 mm)	14" (356 mm)	swivel snap (Cat. No. 2012)	1.80

Wide-Opening Straight-Wall Buckets

Additional Features:

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

Cat. No.	Diameter	Height	Extra Features	Weight (lbs.)
5109	12" (305 mm)	15" (381 mm)		2.06
5109P *	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket	2.12
5109S *	12" (305 mm)	15" (381 mm)	swivel snap (Cat. No. 2012)	2.35
5109PS	12" (305 mm)	15" (381 mm)	one 8" x 8" (203 mm x 203 mm) inside pocket and swivel snap (Cat. No. 2012)	2.40



5109

All dimensions are in inches and (millimeters).



Canvas Buckets

*Special Order in Australia

Tapered-Wall Buckets

Additional Features:

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



5113

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5113 *	12" (305 mm)	9" (229 mm)	13" (330 mm)		1.55
5113S *	12" (305 mm)	9" (229 mm)	13" (330 mm)	swivel snap (Cat. No. 2012)	1.84

Heavy-Duty Tapered-Wall Bucket

Additional Features:

- Tough No. 4 canvas.
- Black molded polypropylene bottom.
- Rope handle.
- Riveted leather glove strap.
- Equipped with Cat. No. 2012 swivel snap hook.



5103S

Cat. No.	Top Diameter	Bottom Diameter	Height	Extra Features	Weight (lbs.)
5103S	12" (305 mm)	9" (229 mm)	12" (305 mm)	swivel snap (Cat. No. 2012)	1.95

Heavy-Duty Tapered-Wall Buckets with Pockets

Additional Features:

- Tough No. 4 canvas.
- Black molded polypropylene bottom.
- Rope handle.
- Riveted leather glove strap.
- Equipped with Cat. No. 2012 swivel snap hook.

Cat. No.	Top Diameter	Bottom Diameter	Height	Outside Pockets	Extra Features	Weight (lbs.)
5171PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	4 outside pockets	swivel snap (Cat. No. 2012)	2.20
5172PS	12" (305 mm)	9" (229 mm)	12" (305 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.35



5171PS

5172PS

Oval Bucket with 41 Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Sisal-Rope handle.
- Equipped with Cat. No. 2012 swivel snap hook.
- Tripod suspension rope for greater stability.
- 26 pockets inside and 15 pockets outside.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5152S *	14" (356 mm)	7" (177 mm)	10" (254 mm)	26 inside pockets 15 outside pockets	swivel snap (Cat. No. 2012)	2.46



5152S

Oval Bucket with 15 Interior Pockets

Additional Features:

- No. 6 canvas.
- Black molded polypropylene bottom.
- Sisal-Rope handle.
- Equipped with Cat. No. 2012 swivel snap hook.
- Tripod suspension for greater stability.

Cat. No.	Length	Width	Height	Pockets	Extra Features	Weight (lbs.)
5144S *	14" (356 mm)	7" (177 mm)	10" (254 mm)	15 inside pockets	swivel snap (Cat. No. 2012)	2.17



5144S

All dimensions are in inches and (millimeters).

Lineman Buckets & Accessories



Introduction to Wire Pulling Grips

Quality

Trust the quality and reliability of Klein grips. All authentic Klein Grips are manufactured, inspected and tested in the USA, in company owned plants by American workers. From the custom drop-forged quality steel to machining and heat treating, to pulling rated load and final inspection, Klein grips are designed to help linemen get their jobs done.

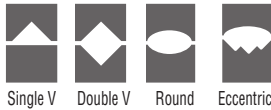
Features:



Drop-forged, quality US steel.

Heat treated for strength and durability.

Several jaw contours available for a wide variety of cables.



Wire Pulling Grips



Reliability

Before leaving our manufacturing plant, each and every authentic Klein grip is individually hand inspected and actuated for proper function. Grips are rigorously tested using the Magnflux method and pulled to rated load to ensure the highest quality and reliability for which Klein Tools is known.



All dimensions are in inches and (millimeters) unless otherwise specified.

▲WARNING: Grips are to be used for temporary installation, not for permanent anchorage.

▲WARNING: When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

▲WARNING: Do not exceed rated capacity.

▲WARNING: Always match proper size and type of grip to application.

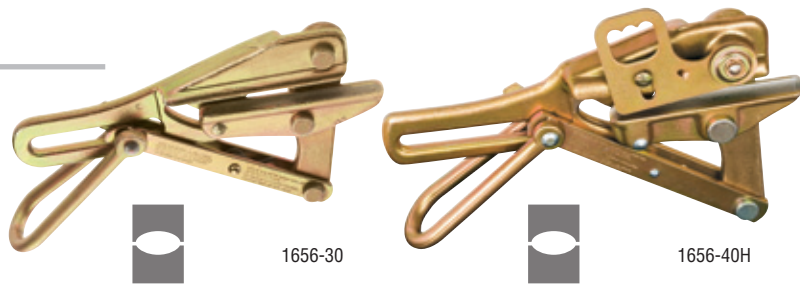
▲WARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.



Chicago® Grips

Chicago® Grips – for Bare ACSR

- Round, smooth inside jaw contour on this series of grips is ideal for bare ACSR.
- Smooth jaws grip with maximum contact and are less likely to cause cable deformation.



Cat. No.	Min. to Max. Cable AWG	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
4,500 lbs. (2,041 kg) Maximum Safe Load				
1656-20	4 - 1/0	.250" - .398" (6.35 mm - 10.11 mm)	4" (102 mm)	3 lbs. (1.36 kg)
1656-30	2 - 3/0	.325" - .502" (8.25 mm - 12.75 mm)	4-3/4" (121 mm)	3.75 lbs. (1.70 kg)

Cat. No.	Min. to Max. Cable AWG or MCM	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
8,000 lbs. (3,629 kg) Maximum Safe Load				
1656-40	4/0 - 336.4 MCM	.563" - .720" (14.30 mm - 18.29 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-50	397.5 MCM - 477 MCM	.743" - .858" (18.82 mm - 21.79 mm)	5-1/2" (140 mm)	8.30 lbs. (3.76 kg)
1656-60	477 MCM - 636 MCM	.879" - .953" (22.33 mm - 24.21 mm)	5-1/2" (140 mm)	8.20 lbs (3.71 kg)

Weatherproof Stranded and Solid Chicago® Grips – 1611 Series

- Round inside jaw contour for weatherproof coated wire.
- Notches in jaw provide firm grip on insulation.



Notched Jaw



1611-30

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
4,500 lbs. (2,041 kg) Maximum Safe Load			
1611-20	.20" - .40" (5.08 mm - 10.16 mm)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1611-30	.31" - .53" (7.87 mm - 13.46 mm)	4-3/4" (121mm)	3.75 lbs (1.70 kg)
8,000 lbs. (3,629) Maximum Safe Load			
1611-40	.53" - .74" (13.46 mm - 18.80 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)
1611-50	.74" - .86" (18.80 mm - 21.84 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)

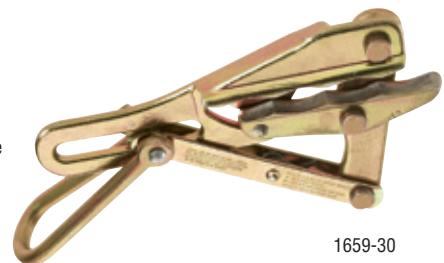
Note: Due to various types of weatherproof coatings available, selection of proper grips is determined by outside diameter of cable.

PVC-Covered Chicago® Grips – 1659 Series

- Specially machined serpentine jaws allow insulated conductor to be inserted through jaws.
- Eliminates necessity of stripping insulation from conductor.
- Round inside-jaw contour.



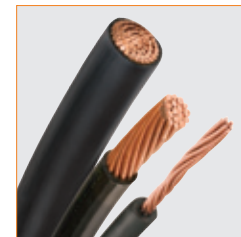
Serpentine Jaw



1659-30

***Special Order in Australia**

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
4,500 lbs. (2,041 kg) Maximum Safe Load			
1659-20 *	.20" - .42" (5.08 mm - 10.67 mm)	4-3/16" (106 mm)	3 lbs. (1.36 kg)
1659-30 *	.31" - .50" (7.87 mm - 12.70 mm)	4-3/4" (121 mm)	3.75 lbs (1.70 kg)
8,000 lbs. (3,629) Maximum Safe Load			
1659-40 *	.49" - .79" (12.45 mm - 20.07 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)
1659-50 *	.79" - 1.01" (20.07 mm - 25.56 mm)	5-11/16" (144 mm)	7.75 lbs (3.52 kg)



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Wire Pulling Grips



Haven's® Grips

* Special Order in Australia

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 inches (mm)	Jaw Length	Approx. Weight Each
2,500 lbs. (1,134 kg) Maximum Safe Load				
1604-10	NA	.06" - .25" (1.52 mm - 6.35 mm)	N/A	1 lb. (.45 kg)
5,000 lbs. (2,268 kg) Maximum Safe Load				
1604-20	1604-20L	.125" - .50" (3.18 mm - 12.70 mm)	N/A	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 inches (mm)	Jaw Length	Approx. Weight Each
8,000 lbs. (3,629 kg) Maximum Safe Load			
1625-20 *	.28" - .75" (7.11 mm - 19.05 mm)	N/A	4 lbs. (1.81 kg)
1625-20 7/8 *	.38" - .88" (9.65 mm - 22.35 mm)	N/A	4 lbs. (1.81 kg)
1625-20 1 *	.50" - 1.00" (12.70 mm - 25.40 mm)	N/A	4 lbs. (1.81 kg)

Parallel Jaw Grips

Parallel Jaw Grips – 1685 Series

- Lightweight, compact grips pull an exceptionally wide range of cable types and sizes.
- Designed with a round inside-jaw contour for maximum contact to minimize cable deformation.
- Lower jaw is serrated to firmly grip insulated cables and conductors.
- Design includes a latch that prevents the grip from falling in case of jaw disengagement from the cable.
- Large-diameter eye accommodates large hooks on hoists, winches and tackle blocks.



1685-20



1685-31

Cat. No.	Min. to Max. Cable Diameter inches (mm)	Jaw Length	Approx. Weight Each
4,500 lbs. (2,041) Maximum Safe Load			
1685-20	.157" - .875" (4 mm - 22 mm)	2-1/2" (64 mm)	3 lbs. (1.30 kg)
7,500 lbs. (3,400 kg) Maximum Safe Load			
1685-31	.625" - 1.250" (16 mm - 32 mm)	4-1/2" (114 mm)	5 lbs. (2.27 kg)

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Wire Pulling Grips



Pocket Knives – One Blade

*Special Order in Australia

Pocket Knives – Coping Blade

- Coping-type blade.
- Compact and lightweight.
- Ideal for skinning small wire and cable.
- Blade locks open (Cat. No 1550-11).

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-5 *	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-11 *	carbon steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5
1550-45 *	stainless steel	2-1/4" (57mm)	3-1/4" (83mm)	1.5

*Blade locks open



1550-11

Pocket Knives – Sheepfoot Slitting Blade

- Extra-large curved sheepfoot slitting-blade – 2-5/8" (67 mm) long.
- Ideal for heavy-duty line work.
- Woodgrain plastic handle.
- Blade locks open.

Cat. No.	Blade Steel	Blade Length	Length Closed	Weight (oz.)
1550-4	carbon steel	2-5/8" (67 mm)	4" (102 mm)	4.0
1550-44 *	stainless steel	2-5/8" (67 mm)	4" (102 mm)	4.0



1550-4

Pocket Knives – Three Blades

3-Blade Pocket Knife – Sheepfoot, Spearpoint, and Screwdriver-Tip Blades



1550-6

- Curved sheepfoot skinning blade – 2-3/8" (60 mm) long.
- Standard spearpoint blade – 2-1/2" (64 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Screwdriver blade locks open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-6	carbon steel	2-3/8" (60 mm), 2-1/2" (64 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0

3-Blade Pocket Knife – Spearpoint, Insulation-Slitting, and Screwdriver-Tip Blades



1550-9

- Spearpoint blade – 2-1/2" (64 mm) long.
- Special insulation-slitting blade – 1-1/2" (38 mm) long.
- Screwdriver-tip blade – 2-1/2" (64 mm) long.
- Both slitting blade and screwdriver-tip blade lock open.

Cat. No.	Blade Steel	Blade Lengths	Length Closed	Weight (oz.)
1550-9	carbon steel	2-1/2" (64 mm), 1-1/2" (38 mm), 2-1/2" (64 mm)	3-3/4" (95 mm)	5.0

All dimensions are in inches and (millimeters).

▲WARNING: Always wear approved eye protection.

▲WARNING: Never use on or near live electrical circuits.



MINING & HEAVY INDUSTRY TOOLS

Catalog 74



**KLEIN
TOOLS®**

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