Quality Tools Main Catalogue

APEX™ TOOL GROUP

HERMES THE TOOL COMPANY

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Campbell® Caulk Master® Nicholson™ Plumb® CRESCENT Lufkin HKP Weller® Wiss®

Quality Tools Built To Work As Hard As You

Apex Tool Group (ATG) serves Manufacturing, Electronics, Construction, Retail and DIY markets worldwide with high quality hand tools and chain products.
ATG offers a wide selection of market-leading brands - such as Campbell®, Crescent®, Nicholson™, Weller® and Wiss®. It is ATG's goal to continuously provide you with Innovative high quality products, application expertise and highest level of customer service.
To help you find fast and easy the tools you are looking for this catalogue is organized by Brands. Each Brand section is grouped by product category and products details are listed clearly.
We thank you for choosing Apex Tool Group for your hand tool and chain product needs.

About Apex Tool Group

The Apex Tool Group, LLC with head offices in Sparks, USA, is a global top three manufacturer of industrial hand and power tools, drill chucks, chains and electrical soldering products.
Apex serves a multitude of global markets, including automotive, aerospace, electronics, energy, hardware, industrial, and consumer retail.
Within the EMEA region, Apex Hand Tools are being commercialized and distributed by Apex Tool Group B.V., The Netherlands. Additional information about Apex Tool Group is online available at:

www.apextoolgroup.eu

Warranty – Standard Limited Lifetime

Apex warrants to each Customer of Products sold by Apex that such Products (excluding carrying cases and storage accessories and the product categories set forth below) are, at the time of delivery to the Customer, free of material and workmanship defects, provided that no warranty is made with respect to:
(a) any Product which has been modified, disassembled and/or reassembled or altered in any way or improperly installed; (b) any Product which has, in Apex´s judgment, been subject to negligence, misuse, abuse, accident, improper storage a damage during shipping; (c) any Product which has not been operated and maintained in accordance with normal practice and in conformity with recommendation and published specifications of Apex; and (d) any Products which have been serviced or repaired by anyone other than an Authorized Repair Center of Apex or modified by anyone than Apex. Normal wear and tear is also excluded.

Product Exceptions to the Standard Limited Warranty:
– Tool Boxes, Standard Chucks and Accessories, Bits, Bit Sockets Torque Products, Solder and De-Soldering Products are warranted for two (2) years from date of Buyer acceptance.

These warranties set forth herein are the sole warranties applicable to Products and is in lieu of all other warranties, whether express, implied or statutory. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded.

Remedies: Customers sole and exclusive remedy for breach of this Warranty is, at the option of Apex, repair or replacement of the defective product.

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APEX™ TOOL GROUP

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CRESCENT BRAND 37
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Snips, Scissors, HVAC-Tools and Cutting Tools

Chain Products, Ropes, Accessories, Clamps and Fittings

Campbell®

Campbell®

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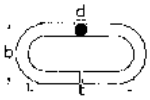
Campbell®

Assorted Chains

- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Hobby-Chains					
T0120711917		Forcat-Chain, brass plated	1,1 x 5 x 5	A	25
T0120711927	●	Forcat-Chain, nickel plated	1,1 x 5 x 5	A	25
T0120717017	●	Gourmette-Chain, brass plated	1,2 x 3,5 x 4	A	25
T0120717027	●	Gourmette-Chain, nickel plated	1,2 x 3,5 x 4	A	25
T0120719017	●	Gourmette-Chain, brass plated	1,5 x 4 x 5	A	25
T0120719027	●	Gourmette-Chain, nickel plated	1,5 x 4 x 5	A	25
T0120712017	●	Twist Link Chain, brass plated	2,0 x 8 x 7	A	15
T0120712027	●	Twist Link Chain, nickel plated	2,0 x 8 x 7	A	15
T0120712077	●	Twist Link Chain, black	2,0 x 8 x 7	A	15
T0120712517	●	Twist Link Chain, brass plated	2,5 x 7 x 9	A	10
T0120712527	●	Twist Link Chain, nickel plated	2,5 x 7 x 9	A	10
T0120712577	●	Twist Link Chain, black	2,5 x 7 x 9	A	10
T0120710317	●	Clock-Chain, brass plated	1,1 x 7 x 4,5	A	50
T0120710327	●	Clock-Chain, nickel plated	1,1 x 7 x 4,5	A	50
T0120710329	●	Clock-Chain, nickel plated	1,1 x 7 x 4,5	A	25
T0120710377	●	Clock-Chain, black	1,1 x 7 x 4,5	A	50
T0120710379	●	Clock-Chain, black	1,1 x 7 x 4,5	A	25
T0120710387	●	Clock-Chain, lead coloured	1,1 x 7 x 4,5	A	50
T0120710397	●	Clock-Chain, antique copper	1,1 x 7 x 4,5	A	50
T0120710399	●	Clock-Chain, antique brass	1,1 x 7 x 4,5	A	25
T0120710517	●	Clock-Chain, brass plated	1,3 x 7,5 x 5	A	25
T0120710527	●	Clock-Chain, nickel plated	1,3 x 7,5 x 5	A	25
T0120710717	●	Clock-Chain, brass plated	1,6 x 8 x 6	A	25
T0120710727	●	Clock-Chain, nickel plated	1,6 x 8 x 6	A	25
T0120710777	●	Clock-Chain, black	1,6 x 8 x 6	A	25
T0120710737	●	Clock-Chain, lead coloured	1,6 x 8 x 6	A	25
T0120710797	●	Clock-Chain, antique brass	1,6 x 8 x 6	A	25
T0120710747	●	Clock-Chain, white epoxy coated	1,6 x 8 x 6	A	25
T0120710757	●	Clock-Chain, solid brass	1,6 x 8 x 6	A	25
T0120710767	●	Clock-Chain, Inox, stainless steel	1,6 x 8 x 6	A	25
T0120711624	●	Jack Chain, el. galvanized & blue chromed	1,6	A	20

Forcat-Chain

Gourmette-Chain

Twist Link Chain

Clock-Chain

Jack Chain

Victor Chains DIN 5686					
T0120710624		Victor Chain, el. galvanized & blue chromed	1,4 x 20 x 6,5	B	90
T0120710524	●	Victor Chain*, el. galvanized & blue chromed	1,6 x 23 x 7	B	60
T0120710424	●	Victor Chain*, el. galvanized & blue chromed	1,8 x 26,5 x 8	B	50
T0120710324	●	Victor Chain*, el. galvanized & blue chromed	2,0 x 28 x 9	B	50
T0120710224	●	Victor Chain, el. galvanized & blue chromed	2,2 x 31 x 10	B	30
T0120710124	●	Victor Chain, el. galvanized & blue chromed	2,5 x 35 x 11	B	30
T0120711024	●	Victor Chain, el. galvanized & blue chromed	2,8 x 39 x 12,5	B	30
T0120712034	●	Victor Chain*, el. galvanized & blue chromed	3,1 x 41 x 14	B	20
T0120713524	●	Victor Chain, el. galvanized & blue chromed	3,4 x 44 x 15,5	B	15
T0120710284	●	Victor Chain, white epoxy coated	2,2 x 31 x 10	B	30

Victor Chain

Assorted Chains

Sash-Chain

Ball-Chain

C-Link Chain

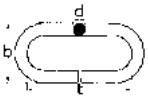
A-Link Chain

C-Link Chain

Calibrated Chain

Plastic Chain

- outside use
- stainless steel



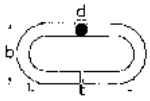
Code No.		Description	d x t x b / mm	Reel-Type	m per Reel	Working load limit kg **
Sanitary Chains						
T0120710127	●	Sash-Chain, solid brass, nickel plated	0,3 x 10,5 x 4	A	50	–
T0120710217	●	Sash-Chain, solid brass	0,4 x 12,5 x 5	A	50	–
T0120710227	●	Sash-Chain, solid brass, nickel plated	0,4 x 12,5 x 5	A	50	–
T0120713017	●	Sash-Chain, solid brass	0,5 x 19,5 x 7	A	25	–
T0120713027	●	Sash-Chain, solid brass, nickel plated	0,5 x 19,5 x 7	A	25	–
T0120712617	●	Ball-Chain, solid brass, nickel plated	2,5	A	100	–
T0120713627	●	Ball-Chain, solid brass, nickel plated	3,6	A	25	–
T0120713617	●	Ball-Chain, solid brass	4,5	A	25	–
Welded round link chains, form C long links, el. galvanized and blue chromed, DIN 5685						
T0120332007	●	C-Link Chain*	2,0 x 22 x 8	B	60	30
T0120333007	●	C-Link Chain*	3,0 x 26 x 12	C	60	70
T0120334007	●	C-Link Chain*	4,0 x 32 x 16	C	58	125
T0120335007	●	C-Link Chain*	5,0 x 35 x 20	C	32	195
T0120336007	●	C-Link Chain*	6,0 x 42 x 24	C	28	290
T0120337007	●	C-Link Chain*	7,0 x 48 x 28	C	26	375
T0120338007	●	C-Link Chain*	8,0 x 52 x 32	C	20	500
(*also available in 30 m bundles)						
Welded round link chains, form A short links, el. galvanized and blue chromed, DIN 5685						
T0120313027	●	A-Link Chain*	2,0 x 12 x 8	B	60	30
T0120313037	●	A-Link Chain*	3,0 x 16 x 12	C	100	70
T0120313047	●	A-Link Chain*	4,0 x 19 x 16	C	50	125
T0120313057	●	A-Link Chain*	5,0 x 21 x 20	C	35	195
T0120313067	●	A-Link Chain*	6,0 x 24 x 24	C	35	290
T0120313087	●	A-Link Chain*	8,0 x 32 x 32	C	20	500
T0120313107	●	A-Link Chain	10,0 x 40 x 37	C	10	630
(*also available in 30 m bundles)						
Welded round link chains, form C, stainless steel, Inox 316, DIN 5685						
T0120192007	●	C-Link Chain, Inox	2,0 x 22 x 8	B	30	30
T0120193007	●	C-Link Chain, Inox	3,0 x 26 x 12	B	25	70
T0120194007	●	C-Link Chain, Inox	4,0 x 32 x 16	B	20	125
T0120195007	●	C-Link Chain, Inox	5,0 x 35 x 20	B	15	195
Calibrated round link chains, el. galvanized and blue chromed, DIN 766						
T0120147665	●	Calibrated Chain	5,0 x 18,5 x 17	C	40	250
Plastic Chains, Polyethylene						
T0120992007	●	Plastic Chain, yellow/black	6,0 x 40 x 22	C	25	–
T0120993007	●	Plastic Chain, red/white	6,0 x 40 x 22	C	25	–
T0120994007	●	Plastic Chain, white	6,0 x 40 x 22	C	25	–
T0120995007	●	Plastic Chain, black	6,0 x 40 x 22	C	25	–
T0120997007	●	Plastic Chain, copper coloured	6,0 x 40 x 22	C	25	–
T0120991207	●	Plastic Chain, yellow/black	8.0 x 48 x 26	C	25	–
T0120991807	●	Plastic Chain, red/white	8,0 x 48 x 26	C	25	–
T0120998007	●	Plastic Chain, black	10,0 x 61 x 33	C	12,5	–
T0120999007	●	Plastic Chain, copper coloured	10,0 x 61 x 33	C	12,5	–

** Specifications on the working load limit only for A and C formed chains

Campbell®

Assorted Chains

- inside use
- outside use
- stainless steel



Code No.		Description	d x t x b / mm	Reel-Type	m per Reel
Round link chains form C long links					
T0120996060	●	C-Link Chain, galvanized & red/white epoxy coated	6,0 x 42 x 24	C	25
Deco- and Lamp-Chains					
T0120711017	●	Deco-Chain round, brass plated	2,0 x 15 x 10	B	50
T0120711077	●	Deco-Chain round, black	2,0 x 15 x 10	B	50
T0120711027	●	Deco-Chain round, nickel plated	2,0 x 15 x 10	B	50
T0120711097	●	Deco-Chain round, burnished	2,0 x 15 x 10	B	50
T0120711087	●	Deco-Chain round, white epoxy coated	2,0 x 15 x 10	B	50
T0120711317	●	Deco-Chain round, brass plated	2,8 x 19 x 15	B	30
T0120711377	●	Deco-Chain round, black	2,8 x 19 x 15	B	30
T0120711327	●	Deco-Chain round, nickel plated	2,8 x 19 x 15	B	30
T0120711387	●	Deco-Chain round, white epoxy coated	2,8 x 19 x 15	B	30
T0120711314	●	Deco-Chain round, solid brass	2,8 x 19 x 15	B	30
T0120710097	●	Deco-Chain round, antique brass	2,8 x 19 x 15	B	30
T0120714017	●	Deco-Chain squared, brass plated	2,0 x 16 x 9	B	50
T0120714077	●	Deco-Chain squared, black	2,0 x 16 x 9	B	50
T0120714097	●	Deco-Chain squared, burnished	2,0 x 16 x 9	B	50
T0120715017	●	Deco-Chain squared, brass plated	3,0 x 29 x 14	B	20
T0120715077	●	Deco-Chain squared, black	3,0 x 29 x 14	B	20
T0120715097	●	Deco-Chain squared, burnished	3,0 x 29 x 14	B	20
T0120715087	●	Deco-Chain squared, white epoxy coated	3,0 x 29 x 14	B	20
T0120716077	●	Deco-Chain squared, black	4,0 x 29 x 17	B	20
T0120717217	●	Deco-Chain squared, twisted, brass plated	3,5 x 37 x 20	B	20
T0120717277	●	Deco-Chain squared, twisted, black	3,5 x 37 x 20	B	20
T0120715297	●	Deco-Chain squared, twisted, antique brass	3,5 x 37 x 20	B	20
T0120717297	●	Deco-Chain squared, twisted, burnished	3,5 x 37 x 20	B	20
T0120713117	●	Deco-Chain cathedral, brass plated	2,2 x 24 x 15	B	30
T0120713177	●	Deco-Chain cathedral, black	2,2 x 24 x 15	B	30
T0120713197	●	Deco-Chain cathedral, burnished	2,2 x 24 x 15	B	30
T0120713217	●	Deco-Chain cathedral, brass plated	2,8 x 39 x 20	B	20
T0120713277	●	Deco-Chain cathedral, black	2,8 x 39 x 20	B	20
T0120713297	●	Deco-Chain cathedral, burnished	2,8 x 39 x 20	B	20
T0120713267	●	Deco-Chain cathedral, antique brass	2,8 x 39 x 20	B	20

C-Link Chain

Deco-Chain round

Deco-Chain squared

Deco-Chain twisted

Deco-Chain cathedral

Code No.	Description	d x Length	
Security Chains, round links, 60 HRC case hardened			
T0122101506	Security Chain, el. galvanized, polycoated blue	5,0 x 600	5
T0122101509	Security Chain, el. galvanized, polycoated blue	5,0 x 900	5
T0122101512	Security Chain, el. galvanized, polycoated blue	5,0 x 1200	5
T0122101709	Security Chain, el. galvanized, polycoated blue	7,0 x 900	5
T0122101715	Security Chain, el. galvanized, polycoated blue	7,0 x 1500	2
T0122102712	Top Security Chain with squared links, el. galvanized with poly sleeve	7,0 x 1200	5
T0122102112	Top Security Chain with squared links, el. galvanized with poly sleeve	10,0 x 1200	2

Security Chain, round links

Top Security Chain with squared links

Chains in Bundles

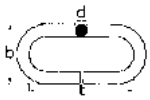
Victor chain

C-link chain

A-link chain

Plastic chain

● outside use
● stainless steel



Code No.		Description	d x t x b /mmm per Bundle		Working load limit kg **
Victor chains, el. galvanized and blue chromed, DIN 5686					
T0120719524	●	Victor chain	1,6 x 23 x 7	30	–
T0120719424	●	Victor chain	1,8 x 26,5 x 8	30	–
T0120719324	●	Victor chain	2,0 x 28 x 9	30	–
T0120719224	●	Victor chain	2,2 x 31 x 10	30	–
T0120719124	●	Victor chain	2,5 x 35 x 11	30	–
T0120719024	●	Victor chain	2,8 x 39 x 12,5	30	–
T0120719034	●	Victor chain	3,1 x 41 x 14	30	–
Welded round link chains, form C long links, el. galvanized and blue chromed, DIN 5685					
T0120332097	●	C-link chain	2,0 x 22 x 8	30	30
T0120333097	●	C-link chain	3,0 x 26 x 12	30	70
T0120334097	●	C-link chain	4,0 x 32 x 16	30	125
T0120335097	●	C-link chain	5,0 x 35 x 20	30	195
T0120336097	●	C-link chain	6,0 x 42 x 24	30	290
T0120337097	●	C-link chain	7,0 x 48 x 28	30	375
T0120338097	●	C-link chain	8,0 x 52 x 32	30	500
Welded round link chains, form A short links, el. galvanized and blue chromed, DIN 5685					
T0120313927	●	A-link chain	2,0 x 12 x 8	30	30
T0120313937	●	A-link chain	3,0 x 16 x 12	30	70
T0120313947	●	A-link chain	4,0 x 19 x 16	30	125
T0120313957	●	A-link chain	5,0 x 21 x 20	30	195
T0120313967	●	A-link chain	6,0 x 24 x 24	30	290
T0120313987	●	A-link chain	8,0 x 32 x 32	30	500
Plastic chains, Polyethylene					
T0120992097	●	Plastic chain, yellow/black	6,0 x 40 x 22	25	–
T0120993097	●	Plastic chain, red/white	6,0 x 40 x 22	25	–
Welded round link chains, form C, straight, long links, fire galvanized, DIN 5685					
T0120333197	●	C30 C-link chain	3,0 x 26 x 12	30	70
T0120335197	●	C50 C-link chain	5,0 x 35 x 20	30	195
T0120336197	●	C60 C-link chain	6,0 x 42 x 24	30	290
Welded round link chains, form C, straight, long links, INOX stainless steel, DIN 5685					
T0120194107	●	C40 C-link chain	4,0 x 32 x 16	30	125

** Specifications on the working load limit only for A and C formed chains

Campbell®

Assorted Ropes

- Natural ropes
- Universal ropes

Code No.		Description	Diameter mm	Reel-Type	m per Reel	Working load limit kg
Sisal-Ropes						
T0120980560	●	Sisal-Rope twisted, natural	6,0	D	60	–
T0120980580	●	Sisal-Rope twisted, natural	8,0	E	120	–
T0120980500	●	Sisal-Rope twisted, natural	10,0	E	70	–
Braided Twines						
T0120980630	●	Braided Twine PP-multifil, white	3,0	D	450	60
T0120980631	●	Braided Twine PP-multifil, yellow	3,0	D	450	60
T0120980634	●	Braided Twine PP-multifil, red	3,0	D	450	60
T0120980635	●	Braided Twine PP-multifil, mint	3,0	D	450	60
T0120980636	●	Braided Twine PP-multifil, green	3,0	D	450	60
T0120980637	●	Braided Twine PP-multifil, blue	3,0	D	450	60
T0120980638	●	Braided Twine PP-multifil, brown	3,0	D	450	60
T0120980639	●	Braided Twine PP-multifil, black	3,0	D	450	60
T0120980640	●	Braided Rope PP-multifil, white	4,0	D	180	180
T0120980650	●	Braided Rope PP-multifil, white	5,0	D	120	240
T0120980660	●	Braided Rope PP-multifil, white	6,0	D	100	380
T0120980661	●	Braided Rope PP-multifil, yellow	6,0	D	100	380
T0120980662	●	Braided Rope PP-multifil, red	6,0	D	100	380
T0120980665	●	Braided Rope PP-multifil, green	6,0	D	100	380
T0120980666	●	Braided Rope PP-multifil, blue	6,0	D	100	380
T0120980680	●	Braided Rope PP-multifil, white	8,0	E	120	550
T0120980682	●	Braided Rope PP-multifil, red	8.0	E	120	550
T0120980683	●	Braided Rope PP-multifil, blue	8.0	E	120	550
T0120980685	●	Braided Rope PP-multifil, mint	8,0	E	120	550
PP-Ropes						
T0120980761	●	PP-Rope twisted, orange	6,0	D	60	380
T0120980780	●	PP-Rope twisted, orange	8,0	E	120	800
T0120980700	●	PP-Rope twisted, orange	10,0	E	70	1350
Nylon and Spleitex-Ropes						
T0120980860	●	Nylon-Rope twisted, white	6,0	D	60	700
T0120980880	●	Nylon-Rope twisted white	8,0	E	120	1100
T0120980800	●	Nylon-Rope twisted, white	10,0	E	70	1700
T0120980060	●	Spleitex-Rope twisted, hemp coloured	6,0	D	60	290
T0120980000	●	Spleitex-Rope twisted, hemp coloured	10,0	E	70	800
Sailing-Ropes						
T0120980100	●	Sailing-Rope double braided, white/red	10.0	E	70	800
Jalousietwines						
T0120980230	●	Jalousietwine, 16 x braided, white	3,0	D	300	150

Sisal-Rope

Braided Twines & Ropes

PP-Rope

Nylon-Rope

Spleitex-Rope

Sailing-Rope

Jalousietwine

Code No.		Description	Diameter mm	Reel-Type	m per Reel	min. breaking strength*
Wire-Ropes, according DIN EN 12385-4						
T0120981520	●	Wire rope cable el. galvanized	2,0	D	250	2.35
T0120981530	●	Wire rope cable el. galvanized	3,0	D	153	5.29
T0120981540	●	Wire rope cable el. galvanized	4,0	D	100	9.41
T0120981620	●	Wire rope cable el. galvanized PVC coated	2,0/3,0	D	153	2.35
T0120981630	●	Wire rope cable el. galvanized PVC coated	3,0/4,5	D	100	5.29

Wire-Rope

* in Kilo Newton – kN; (10 Newton = 1 kg)

Assorted Prepacked Ropes

● Natural ropes
● Universal ropes

Code No.		Description	Diameter mm	Length m		
Hasps						
T0120986830	●	Braided Nylon Twine, white	3,5	20	Hasp	5
T0120986901	●	Blocking Tape PP 80 mm, red/white	–	50	Hasp	5
T0120986560	●	Sisal Rope twisted, natural	6,0	20	Hasp	5
T0120986660	●	PP-Rope braided, blue/red	6,0	20	Hasp	5

Balls						
T0120987800	●	Poly Packing Twine, assorted colours	1,0	80	Ball	10
T0120987801	●	Twinny-Twine (2 Balls)	2,0/1,0	10/30	Ball	10
T0120987410	●	Hemp-Twine 50 g	0,9	35	Ball	10

Skeins						
T0120988840	●	Universal Rope, white	4,8	15	Skein	10
T0120988850	●	Synthetic Laundry Twine & 1 Hook	5,0	20	Skein	10
T0120988580	●	Sisal Rope twisted	8,0	15	Skein	5
T0120988780	●	All Purpose Rope, orange	8,0	25	Skein	5
T0120988160	●	PP-Boat Rope, twisted & Snaphook, orange	6,0	8	Skein	5
T0120988781	●	All Purpose PP-Rope, orange	8,0	20	Skein	5
T0120988700	●	All Purpose PP-Rope, orange	10,0	25	Skein	5
T0120988704	●	PP-Rope twisted, black/white	14,0	10	Skein	5

Ring						
T0120989500	●	Sisal rope	10,0	10	Ring	10

Campbell®

Tie Downs & Slings

Tie & Lift 100% Polyester belts, Tie downs DIN EN12195-2 / Slings DIN 61360

Code No.	Description	Load Limit kg	Width mm	Length m	
Tie down up to 250 kg (prepacked)					
T0120982000	Cam Buckle Tie Down, two part, blue	250	25	3	5
T0120982001	Cam Buckle Tie Down, blue	250	25	5	5
Tie down up to 250 kg (bulk)					
T0120982700	Cam Buckle Tie Down, blue	250	25	3	5
T0120982701	Cam Buckle Tie Down, blue	250	25	5	5

Tie down up to 500 kg (prepacked)					
T0120982010	Ratchet Tie Down, one part, orange	500	25	5	5
T0120982011	Ratchet Tie Down & Hook, two part, orange	500	25	5	5
Tie down up to 500 kg (bulk)					
T0120982710	Ratchet Tie Down, one part, orange	500	25	5	5
T0120982711	Ratchet Tie Down & Hook, two part, orange	500	25	5	5

Tie down up to 2.000 kg (prepacked)					
T0120982020	Ratchet Tie Down, one part, violet	2.000	35	6	5
T0120982021	Ratchet Tie Down & Hook, two part, violet	2.000	35	6	5
Tie down up to 2.000 kg (bulk)					
T0120982720	Ratchet Tie Down, one part, violet	2.000	35	6	5
T0120982721	Ratchet Tie Down & Hook, two part, violet	2.000	35	6	5

Tie down up to 3.000 kg (prepacked)					
T0120982031	Ratchet Tie Down & Hook, two part, yellow	3.000	50	8	2
Tie down up to 3.000 kg (bulk)					
T0120982730	Ratchet Tie Down, one part, yellow	3.000	50	8	2
T0120982731	Ratchet Tie Down & Hook, two part, yellow	3.000	50	8	2

Code No.	Description	Capacity kg	Length m	
Round Slings up to 1.000 kg (prepacked)				
T0120982050	Round Sling, violet	1.000	3	5
Round Slings up to 1.000 kg (bulk)				
T0120982750	Round Sling, violet	1.000	3	5

Prepacked Accessories

Code No.	Description	Diameter mm	Pcs./Polybag
S-Hooks (bulk)			
T0120984540	S-Hook, el. galvanized	2,5	100
T0120984541	S-Hook, el. galvanized	3,0	100
T0120984542	S-Hook, el. galvanized	4,0	100
T0120984543	S-Hook, el. galvanized	5,0	100
T0120984544	S-Hook, el. galvanized	6,0	100

Code No.	Description	Diameter mm	Pcs./Polybag
Connecting Links (bulk)			
T0120984561	Connecting link, el. galvanized	4,0	100
T0120984562	Connecting link, el. galvanized	5,0	100
T0120984563	Connecting link, el. galvanized	6,0	100

Code No.	Description	Diameter mm	Pcs./Polybag
Snap Hooks (bulk)			
T0120984582	Alu.-Snap hook & key ring, assorted colours	6,0	25

Code No.	Description	Diameter mm	Pcs./Polybag
Wire Rope Clips (bulk)			
T0120984590	Wire rope clips, el. galvanized	3,0	100
T0120984591	Wire rope clips, el. galvanized	5,0	100

Code No.	Description	Diameter mm	Pcs./Polybag
Single and Double Clamps (bulk)			
T0120984610	Simplex clamp, el. galvanized	3,0	100
T0120984611	Simplex clamp, el. galvanized	5,0	100
T0120984612	Duplex clamp, el. galvanized	3,0	100
T0120984613	Duplex clamp, el. galvanized	5,0	100

Code No.	Description	Diameter mm	Pcs./Polybag
Thimbles (bulk)			
T0120984631	Thimble, el. galvanized	4,5	100
T0120984632	Thimble, el. galvanized	5,5	100

Code No.	Description	Diameter mm	Pcs./Polybag
Quick Links (bulk)			
T0120984670	Quick link, el. galvanized	3,5	50
T0120984671	Quick link, el. galvanized	4,0	50
T0120984672	Quick link, el. galvanized	5,0	50
T0120984673	Quick link, el. galvanized	6,0	50
T0120984674	Quick link, el. galvanized	8,0	25

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Prepacked Accessories

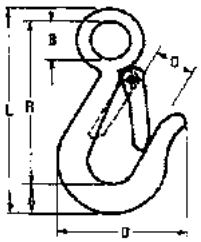
Code No.	Description	Length mm	Pcs./Polybag
Snap Hooks 'Zamak' (bulk)			
T0120984690	Snap hook 'Zamak', nickel plated	53,0	50
T0120984691	Snap hook 'Zamak', nickel plated	75,0	50
T0120984692	Snap hook 'Zamak', nickel plated	85,0	50

Code No.	Description	Diameter mm	Pcs./Polybag
Fire Brigade Snap Hooks (bulk)			
T0120984720	Fire brigade snap hook, el. galvanized	4,0	100
T0120984721	Fire brigade snap hook, el. galvanized	5,0	100
T0120984722	Fire brigade snap hook, el. galvanized	6,0	100
T0120984723	Fire brigade snap hook, el. galvanized	8,0	50

Code No.	Description	Diameter mm	Pcs./Polybag
Shackles (bulk)			
T0120984740	Shackles, el. galvanized	5,0	50
T0120984741	Shackles, el. galvanized	6,0	50
T0120984742	Shackles, el. galvanized	8,0	30
T0120984743	Shackles, el. galvanized	10,0	30

Code No.	Description	Diameter mm	Pcs./Polybag
Plastic Connecting Links (bulk)			
T0120984780	Plastic connecting link, red/white	6,0	50
T0120984784	Plastic hook, red/white	6,0	50
T0120984785	Plastic S-Hook, red/white	6,0	50

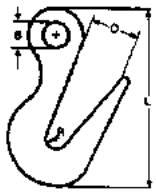
Snap Hooks 478-G



- Standard Material: Drop-forged carbon steel heat treated
- Standard Finish: Galvanized to ASTM A-153 specification
- Design Factor: 5 to 1

Hook Size A		Packed Each Code No.	Safety flap Code No.	Working Load Limit		Dimensions										Weight/ 100	
						B		D		L		O		R			
in.	mm			lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
7/16	11	**4530735**	**3991401**	750	340	3/4	19	2 7/16	62	4 1/16	103	21/32	17	3 1/4	83	28	12
9/16	14	**4530935**	**T3991402**	1000	454	1 1/8	29	2 31/32	75	5 1/32	128	1	25	4 1/32	102	45	20

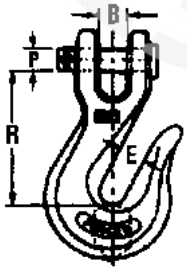
Sorting Hooks 479-S



- Standard Material: Drop-forged alloy steel heat treated
- Standard Finish: Painted orange
- Design Factor: 5 to 1

Code No.	Working Load Limit				Dimensions								Weight/ 100	
	Tip		Bottom		B		L		R		O			
	ton	kg	ton	kg	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
3899500	2	1814	7 1/2	6804	1 3/8	35	9 3/4	248	5/8	16	2 13/16	71	600	272

Clevis Grab Hooks 473



- Standard Material: Drop-forged carbon steel steel (system 3 & 4) or alloy steel.
- Standard Finish: System 3 & 4 hooks available with blue-Chrome or self-colored finish.
- S/C finish hooks are bulk packed, blue-chrome hooks are available packed 10 per box.
- Order unit is “Each”

473, System 3 & 4

Chain Size		Self-coloured (Bulk) Code No.	Working Load Limit		Dimensions								Weight Each	
					B		E		P		R			
in.	mm		lb	kg	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg
1/4	6	**4500405**	2600	1179	3/8	10	11/32	9	5/16	8	1 23/32	44	0,32	0,150
3/8	10	**4500605**	5400	2449	17/32	13	1/2	13	7/16	11	2 1/4	57	0,92	0,420

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
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- **DO NOT USE** if the fitting is visibly distorted or worn.

Campbell®

Latch Kits For Hooks

916-G Campbell Latch Kit - 916-U Universal Latch Kit

READ AND UNDERSTAND THESE WARNINGS AND INSTRUCTIONS BEFORE USING HOOK AND LATCH.

916-G LATCH KIT FOR CAMPBELL HOOK

916-U UNIVERSALLATCH KIT – FOR ALL MAJOR HOOK BRANDS

⚠ WARNING

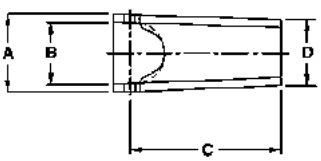
- **Failure to follow the Instructions For Use below an these warnings may cause death or serious injury.**
- **Loads may disengage from hook if proper procedures are not followed.**
- **A falling load may cause serious injury or death.**
- **The load must never be supported by the latch.**
- **Latches must always be inspected for wear or damage before use. If worn, distorted or damaged, discard and replace.**
- **Always stand clear of loads being lifted.**

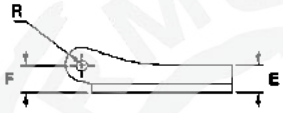
IMPORTANT: Instructions For Use

1. *Always* inspect the hook and latch before using.
2. *Always* make sure the spring forces the latch against the point of the hook.
3. Check the load before lifting to make sure the hook (not the latch) is supporting the load.
4. To assemble latches on hooks, follow instructions supplied with latch kit.

Campbell offers latches already assembled to the hook as well as kits for field installation.

- Universal kits fit Campbell as well as competitive hooks, including Crosby and Midland, that are drilled for latches.
- Spring spacer adapts latch to hooks with narrow cam.
- Bolt and nut permit fast, easy installation.

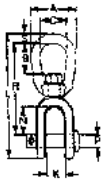




Size in.	Size mm	Size No.	916-G kit Code No.	Universal kit Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	R in.	R mm	Weight/100 lb	Weight/100 kg
1/4	6	2-22	–	**3991401**	23/32	18	9/16	14	1 1/4	32	5/8	16	1/4	6	1/4	6	5/32	4	3,3	1
3/8	10	5-25	–	**3991404**	15/16	24	25/32	20	1 11/16	43	15/16	24	9/32	7	9/32	7	3/16	5	5,6	3
–	–	7-27	–	**3991405**	15/16	24	25/32	20	1 7/8	48	15/16	24	9/32	7	9/32	7	3/16	5	6,5	3
1/2	13	9-29	–	**3991406**	1 9/32	32	1	25	2 11/16	68	1 9/32	32	3/8	10	9/16	14	17/64	7	16,5	7

Jaw & Eye Swivels 275-G
Drop-Forged Carbon Steel – Galvanized

- Standard Material: Drop-forged carbon steel
- Standard Finish: Galvanized to ASTM A-153 specification
- Design Factor: 5 to 1
- Other Features: Meets Federal Specification RR-C-271 Type VII, Class 3



Size in.	Size mm	Code No.	Working Load Limit lb	Working Load Limit kg	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	K in.	K mm	L in.	L mm	N in.	N mm	P in.	P mm	R in.	R mm	Weight/100 lb	Weight/100 kg
1/4	6	**3640435**	850	386	1 1/4	32	3/4	19	3/4	19	1/2	13	3 5/32	80	3/4	19	1/4	6	2 7/16	62	21	10
5/16	8	**3640535**	1250	567	1 5/8	41	3/4	19	1	25	1/2	13	3 3/4	95	13/16	21	5/16	8	2 7/8	73	32	15
3/8	10	**3640635**	2250	1021	2	51	1	25	1 1/4	32	11/16	17	4 5/8	117	1 1/16	27	3/8	10	3 1/2	89	71	32
1/2	13	**3640835**	3600	1633	2 1/2	64	1 1/4	32	1 1/2	38	3/4	19	6 1/8	156	1 3/8	35	1/2	13	4 11/16	119	122	55
5/8	16	**3641035**	5200	2359	3	76	1 5/8	41	1 3/4	44	15/16	24	7 3/8	187	1 1/2	38	5/8	16	5 1/2	140	228	104
3/4	19	**3641235**	7200	3266	3 1/2	89	1 3/4	44	2	51	1 1/8	29	8	203	1 3/4	44	3/4	19	5 7/8	149	345	157
7/8	22	**3641435**	10000	4536	4	102	2 1/8	54	2 1/4	57	1 3/16	30	9 3/8	238	2 1/16	52	7/8	22	7	178	564	256
1	25	**3641635**	12500	5670	4 1/2	114	2 1/4	57	2 1/2	64	1 3/4	44	11 7/16	291	2 7/16	62	1 1/8	29	8 5/8	219	933	424

Swaging Tool

- Uses: For swaging ferrules onto wire rope or cable.

Warning:
- **Do Not** use on coated cable.
- Follow assembly instructions.

Swaging Tools Description	Pkd	For Ferrules and Stops in.	mm	in.	mm	Code No.	Weight Each lb	kg
18“ Swaging Tool	Lose	1/16	1	3/16	5	**7679038**	6,0	3

Ferrules and Stops

Cable Ferrule and Stop

Warning; To prevent injury:
- **Do Not** use on coated cable. If used on coated cable, remove the coating from the assembly area.
- Follow assembly instructions.

Description	Material	Dimensions for Cable in.	mm	Code No.	Shelf Pack	Case Pack	Case Weight lb	kg
Cable Ferrules (2) and Stops (2)	Aluminium	1/16	1	**B7675304**	10	100	4	2
Cable Ferrules (2) and Stops (2)	Aluminium	3/32	2	**B7675314**	10	100	5	2
Cable Ferrules (2) and Stops (2)	Aluminium	1/8	3	**B7675324**	10	100	6	3
Cable Ferrules (2) and Stops (2)	Aluminium	3/16	5	**B7675344**	10	100	8	4
Cable Ferrules (2) and Stops (2)	Aluminium	1/4	6	**B7675354**	10	100	14	6

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT USE** for overhead lifting, to support human weight, for playground or athletic equipment, or as a safety device.
- **DO NOT USE** if visibly worn or distorted.

⚠ WARNING

To prevent the possibility of serious bodily injury:
- **DO NOT EXCEED** the working load limit.
- **DO NOT** shock or impact load.
- **DO NOT USE** if the fitting is visibly distorted or worn.

Campbell®

Campbell Lifting Clamps

Campbell clamps are known and used throughout the world for lifting, conveying and positioning of sheet, plate, weldments and structurals. The heavier the load, the tighter they grip. Parts are drop forged for strength, dependability and long life, and all clamps are individually proof tested. Replacement parts are available when needed. If you have any doubts as to the clamp best suited to your application, contact your Apex Tool Group salesman.

NOTICE: The product specifications and dimensions are as accurate as possible at the time of printing. However, because we are constantly improving the quality and design of our products, they can change without notice.

All Working Load Limits are expressed in Metric Tons.
1 Metric Ton = 2,204.6 lbs.

WARNING

1. **Do not exceed Working Load Limit stamped on Clamp body.**
2. **Inspect clamp before each lift.**
3. **Stand clear of load when lifting.**
4. **Position clamp to balance load.**
5. **Insert plate or unit to full depth of throat opening.**
6. **Lift slowly and smoothly. Do not jerk load.**
7. **Do not lift more than one plate or sheet at a time.**
8. **Do not use a damaged clamp.**
9. **Read manufacturer's instructions before using clamps.**
10. **Do not use any Campbell clamp to lift tapered plates or beams.**
11. **When lifting plates with a hardness over 43 Rockwell C/400 BRINELL, consult the clamp manufacturer.**
12. **Campbell clamps are designed to be used at temperatures between 17°C / 0°F and 93°C / 200°F.**

Inspection, Maintenance & Repair

It is important to establish a regular procedure for clamp inspection. Frequency of inspection will depend upon the amount of use the clamp receives. Campbell clamps are built to withstand rough treatment, however, grit, dirt, sludge and mud should be removed. This may be done easily by immersing the entire clamp in a can of degreaser and leaving it there overnight. Also, periodic oiling of all pins and rivets will improve performance and help to extend the life of the clamp. You may wish to maintain a written record, indicating inspection dates, condition of the clamp on each of those dates, and any repairs made. Inspection records should be reviewed periodically.

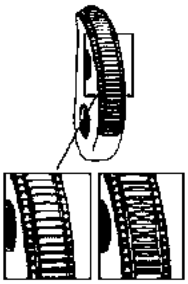
Inspection Procedure

1. Cams — These are the parts likely to receive most wear. The amount of wear, of course, bears a direct relationship to the use the cam receives. Continued usage of plates of the same thickness will result in wear in only one area of the working surface of the cam, and will eventually require that the cam be replaced. The harder the plate is, the sooner the cam will be worn. A simple visual inspection of the cam is all that is required in most cases. The surfaces of the cam should be compared with unused surfaces. If teeth appear to be worn, the cam should be replaced.
Note: The Pad and Cam should be replaced at the same time.
2. Pads — The pads of "GX" and "E" clamps are held in with a bolt and can be replaced simply by removing the bolt. When the serrations of the pad seat are worn, the pad should be replaced.
Note: The Pad and Cam should be replaced at the same time.
3. Spread Jaw — Check the throat width of the clamp. At zero grip, the cam should be in full contact with the pad. If the width at the base (where the pad is located) is greater than the width at the top, the clamp has been overloaded and should be replaced.
Warning: Do not weld on the clamp body, as this may destroy the original heat treatment.
4. Linkage and Shackle Inspection — To remove the linkage from a "GX" clamp, remove the load pins from the body. The pins do not rotate, and under normal load do not require replacement. They should be inspected for bending, which is caused by overloads, and replaced as needed. Inspect the shackle for bending at the rivet, which is an indication of side pull. If this is a recurrent fault, use a chain connector on the clamp.
5. Rivet Inspection — Rivets may require replacement when a very loose connection is detected. Linkage should normally be free working. Should a rivet hole in the shackle, radius link or connecting link become stretched or enlarged (usually resulting from overloading), those parts should be replaced. It is advisable to replace the rivet as well. To replace any worn parts, drive rivets out over a relief opening, such as a small section of pipe or the opening in a vise.
Warning: Do not weld or substitute bolts for rivets. Check connect-ing links to ascertain that they are not bent.
6. Spring inspection — The spring should be of sufficient strength to hold the cam against the pad. If it is not, the spring should be replaced. In the case of the "E" clamp, the spring should be replaced if it fails to provide initial pressure at near zero grip.
7. Chains — Chains supplied with clamps should also be inspected carefully. To do this, use a Campbell wear gauge. Inspect chains link by link, checking for distorted, stretched or cracked links, nicks or gouges, pitted links and excessive wear of bearing surfaces and barrels.

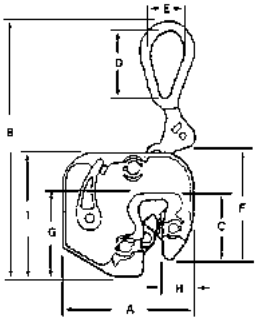
⚠ WARNING

- The clamps in this catalog are not intended to serve as a permanent connection to a plate or other object.
- The grip depends on friction and a camming action. If the gripping surfaces are not properly maintained and the clamp is improperly used, the load may fall.
- Use extreme caution where overhead lifting is involved or where a failure could cause property damage or personal injury.
- Read maintenance materials and use instructions.

"GXL" Clamps



- Available in a 1/2, 1 and 2 Tons capacity.
- Drop forged and heat treated components, with gripping surfaces of case hardened alloy steel.
- Exclusive feature is a patented wear indicator system. When any of cam's straight line, convex teeth are flattened between unique wear indicator grooves, it is time to change the cam.
- **Note: The Pad and Cam should be replaced at the same time.**
- Newly designed "Cam Engaging Lever" keeps the cam in contact with the plate. The tension arm and spring mechanism facilitate attaching and removing the clamp. These clamps will not lift plate when in the "lever open" position.
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.
- **Warning: Never tamper with a clamp's tension arm and spring mechanism during a lift.**



Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6422012	1/16 - 5/8	2–16	5.5	2,500	1/2
6422001	1/16 - 3/4	2–16	8	3,630	1
6422002	1/16 - 7/8	2–23	10.5	4,770	2

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6422012	5 15/16	151	10	254	2 1/8	54	2 5/8	67	2	51	4	102	3 1/4	83	1 3/16	30	5 3/16	132
6422001	6 9/16	167	11 1/4	286	3 13/16	97	3 1/16	78	2 1/16	52	5	127	3 5/8	92	1 5/8	41	5 7/8	149
6422002	7 1/4	184	12 1/8	308	2 9/16	65	3 5/16	84	2 1/4	57	4 7/8	124	3 1/2	89	1 5/8	41	5 15/16	151

⚠ WARNING

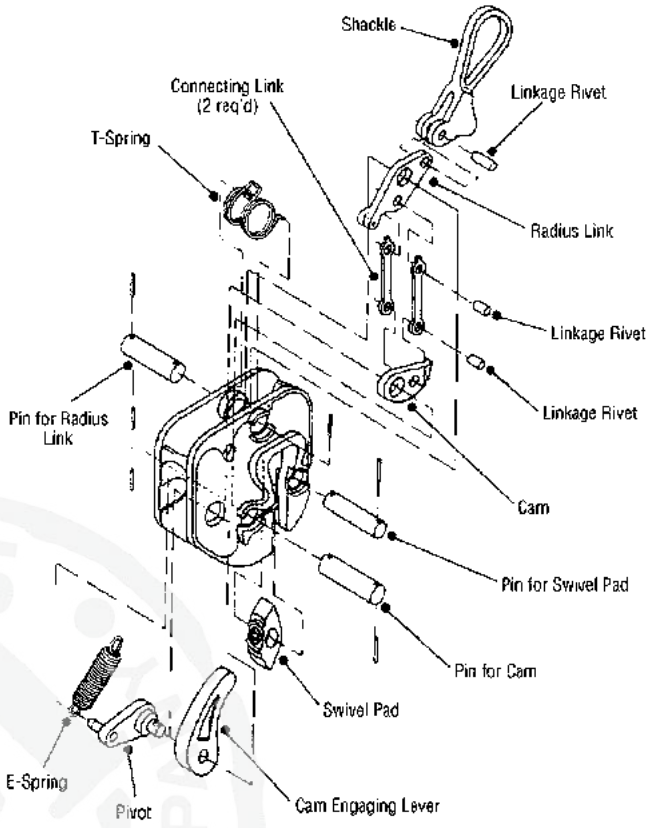
- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Campbell®

Repair Kits for "GXL" Clamps

Shackle Kit components

Cam / Pad Kit components



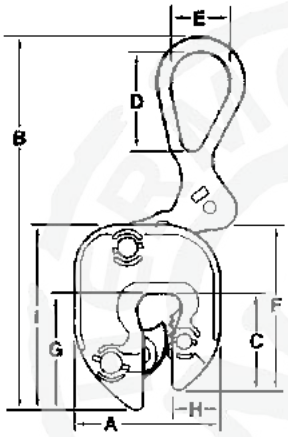
Capacity	½ Tons	1 Ton	2 Tons
Description	**Code No.**	**Code No.**	**Code No.**
Shackle Kit Kit includes: 1 Shackle, 1 Radius Link, 1 T-Spring, 2 Connecting Links, 1 Radius Link Pin, 1 Pivot, 1 Lever, 1 E-Spring, 1 Drive Pin, 3 Linkage Rivets	**6506200**	**6506210**	**6506220**
Cam/Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Cam Pin, 1 Pad Pin, 1 T-Spring, 1 E-Spring, 1 Rivet, 4 Sel-locs	**6506201**	**6506211**	**6506221**

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

"GX" Clamps

- "GX" clamp is entirely drop forged and heat treated.
- Can be used for both vertical and horizontal-to-vertical lifting.
- Exclusive feature is a patented wear indicator system. When any of cam's straight line, convex teeth are flattened between unique wear indicator grooves, it is time to change the cam.
- Shackle and "G" link combined into one part for fewer stress points and less chance of side loading damage.
- 100% proof tested with certificate of test attached to each clamp.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.



Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6423000	1/16 - 5/8	1 - 16	4	2	1/2
6423005	1/16 - 3/4	1 - 19	8	4	1
6423923	3/4 - 1 3/8	19 - 35	9	4	1
6423010	1/16 - 1	1 - 25	17	8	3
6423015	1/2 - 2	13 - 51	40	18	5

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6423000	4	102	9 1/2	241	2 3/16	56	2 3/4	67	2	51	4 1/8	105	2 7/8	73	1 3/8	35	4 7/8	124
6423005	4 3/4	121	11 1/4	286	3 1/16	78	3 1/16	78	2 1/16	52	5 1/4	133	3 5/8	92	1 5/8	41	5 7/8	149
6423923	5 7/8	149	11 1/4	286	3 1/16	78	3 1/16	78	2 1/16	52	5 1/4	133	3 5/8	92	1 5/8	54	5 7/8	149
6423010	6	152	14	356	3 9/16	90	3 13/16	97	3	76	6 3/4	171	4 7/16	113	2	51	7 5/8	194
6423015	8 7/8	225	20	508	4 11/16	119	5	127	3 15/16	100	8 3/4	219	5 15/16	151	3 13/16	97	9 15/16	252

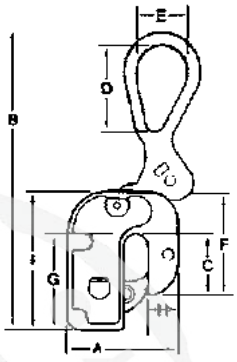
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Campbell®

Short Leg Structural "GX" Clamps

- Designed for a secure bite on small or odd shaped, wide flanged beams.
- Designed to be used with the short leg under the plate when lifting the plate from horizontal to vertical position.
- Replacement parts are same as for standard "GX" clamps.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.



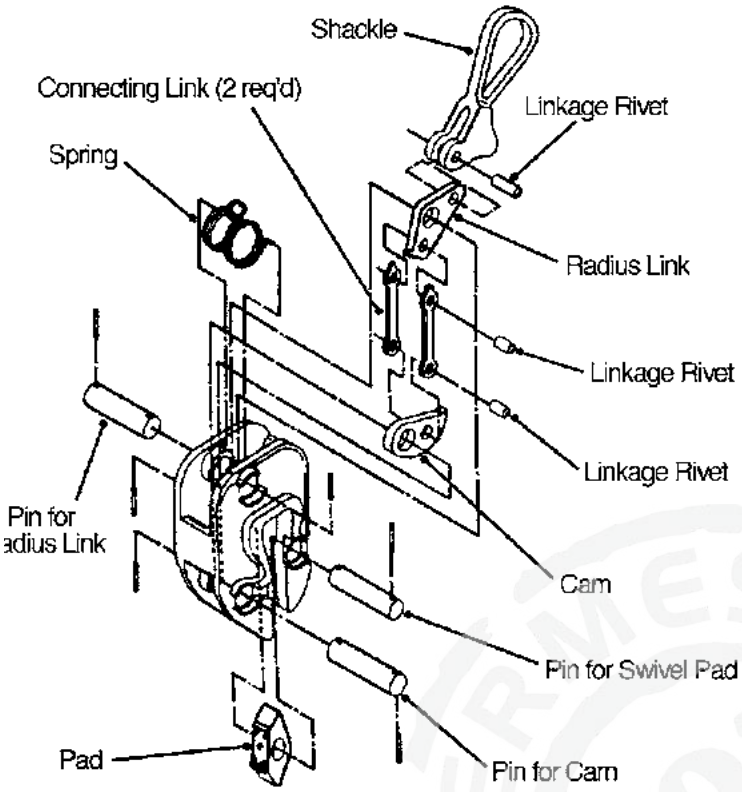
Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
6423100	1/16–5/8	1–16	4	2	1/2
6423105	1/16–3/4	1–19	7	3	1
6423108	1/16–7/8	1–22	15	7	2
6423110	1/16–1	1–25	18	8	3

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	G in.	G mm	H in.	H mm	I in.	I mm
6423100	4	102	9 1/2	241	2 1/8	54	2 5/8	67	2	51	4 1/16	103	2 7/8	73	1 3/8	35	4 3/4	121
6423105	4 3/4	121	11 5/16	287	2 5/8	67	3 1/16	78	2 1/16	52	4 7/8	124	3 9/16	90	1 21/32	42	5 13/16	148
6423108	5 1/8	130	12 1/8	308	2 5/8	67	3 5/16	84	2 1/4	57	5	127	3 9/16	90	1 5/8	41	5 15/16	151
6423110	6	152	15 1/16	383	3 7/16	87	3 13/16	97	3	76	6 9/16	167	4 3/16	106	2	51	7 5/16	186

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Repair Kits for "GX" Clamps



Shackle Kit components

Cam / Pad Kit components

Capacity	½ Tons	1 Ton	2 Tons	3 Tons	5 Tons
Description	**Code No.**	**Code No.**	**Code No.**	**Code No.**	**Code No.**
Shackle Kit	6506000	6506010	6506020	6506030	6506050
Kit includes:					
1 Shackle, 1 Radius Link, 1 T-Spring, 2 Connection Links, 1 Radius Link Pin,					
3 Linkage Rivets, 2 Sel-locs					
Cam/Pad Kit	6506001	6506011	6506021	6506031	6506051
Kit includes:					
1 Cam, 1 Pad, 1 Cam Pin, 1 Pad Pin, 1 T-Spring, 1 Rivet, 4 Sel-locs					

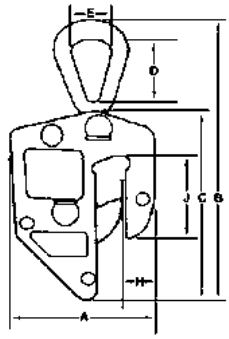
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Campbell®

Locking "E" Clamps

- Clamp lifts from either horizontal or vertical position.
- Clamps turn plates through 90°.
- Locks open or closed with a lever.
- Has large throat that gives a secure bite and wide grip range.
- Note: Be sure clamp is in lock closed position before making lift.
- **Note: The Pad and Cam should be replaced at the same time.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.



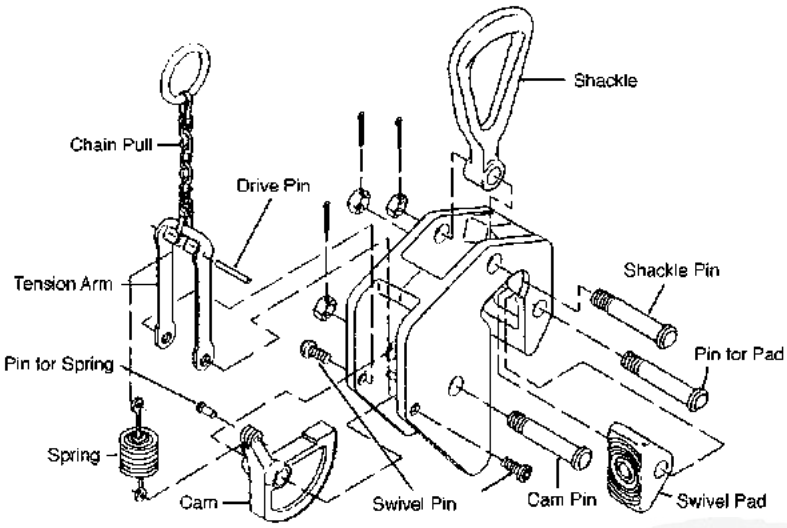
Merrill Model No.	Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Working Load Limit Metric Ton
3E	**6420701**	0–1 1/4	0–32	20	9	3
5E	**6420702**	0–1 1/2	0–38	28	13	5
5E	**6420703**	1 1/4–2 1/2	32–64	33	15	5
8E	**6420705**	1/2–2 1/2	13–64	81	37	8

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	H in.	H mm	J in.	J mm
6420701	7 1/4	184	14 3/8	365	9 1/4	235	3 1/2	89	2	51	2	51	4 3/8	111
6420702	8 7/8	225	16	406	10 1/2	267	3 1/2	89	2 1/2	64	2 11/16	68	5	127
6420703	10 1/2	267	16 5/8	422	11 1/4	286	3 1/2	89	2 1/2	64	3 1/8	79	5 1/4	133
6420705	14 1/8	359	22 3/4	578	15 3/4	400	5	127	3 1/2	89	4 7/8	124	8 1/2	216

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Repair Kits for Locking "E" clamps



Shackle Kit components

Cam / Pad Kit components

Capacity	3 Tons All	5 Tons All	8 Tons ½„–2½„	8 Tons 2"–4", 4"–6"	12 Tons All
Description	**Code No.**	**Code No.**	**Code No.**	**Code No.**	**Code No.**
Shackle Kit Kit includes: 1 Shackle, 1 Shackle Bolt, 1 Nut, 1 Cotter Pin	**6507030**	**6507050**	**6507080**	**6507082**	**6507082**
Cam/Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Cam Bolt, 1 Pad Bolt, 2 Nuts, 2 Rivets, 1 Drive Pin, 1 Spring, 1 Chain Pull Clip, 1 Tension Arm, 2 Swivel Pins, 2 Cotter Pins.	**6507031**	**6507051**	**6507081**	**6507081**	**6507081**

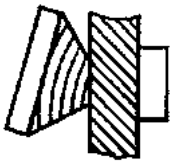
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

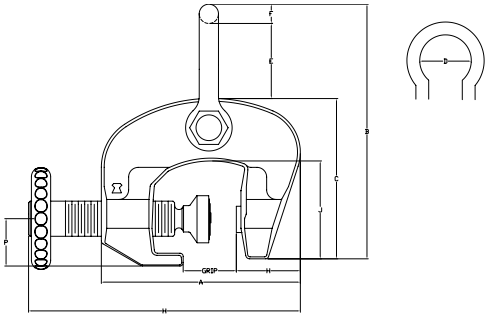
Campbell®

SAC (Screw-Adjusted Cam) Plate Clamps

Cam position under no load.



Cam under load. The heavier the load, the greater the bite.



- Recommended for turning plates from horizontal to vertical as well as through a 180° arc.
- The convex, serrated cam swivels on a ball joint so that the area of cam engagement increases as load increases.
- Drop forged body and shackle.
- The Pad and Cam should be replaced at the same time.
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.

Note: SCREW NEEDS TO BE HAND TIGHT ONLY! DO NOT OVERTIGHTEN.

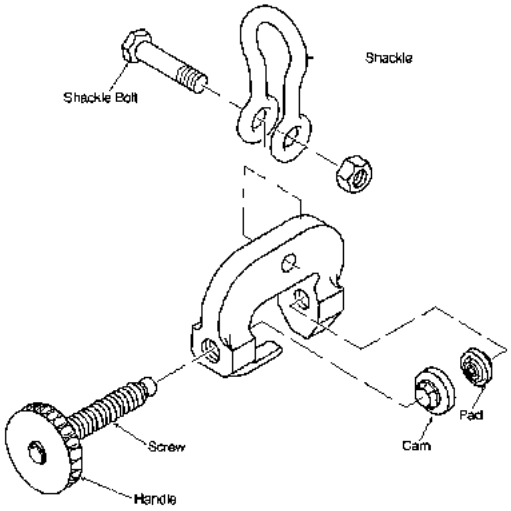
Working Merrill Model No.	Code No.	Grip Range in.	Grip Range mm	Clamp Weight lb	Clamp Weight kg	Load Limit Metric Ton
SAC-1	**6421000**	0–1	0–25	6 1/4	3	1
SAC-3	**6421001**	0–2	0–51	14 1/4	6	3
SAC-6	**6421002**	0–3	0–76	40	18	6

Code No.	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	E in.	E mm	F in.	F mm	H in.	H mm	J in.	J mm	O** in.	O** mm	P in.	P mm
6421000	5 1/4	133	7 3/4	197	4	102	1 3/4	44	2 7/8	73	1/2	13	1 1/2	38	2 1/4	57	6 1/4	159	1 23/64	34.5
6421001	7 3/4	197	10 1/2	267	6 1/2	165	1 7/8	48	3 3/8	86	3/4	19	2 3/8	60	3 3/4	95	9 1/4	235	1 13/16	46
6421002	10	254	14 1/4	362	8 1/4	210	3 1/4	83	4 1/2	114	1 1/8	29	3	76	4 1/2	114	12	305	2 1/4	57

⚠ WARNING

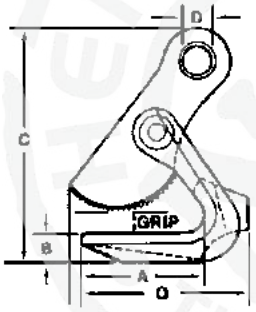
- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

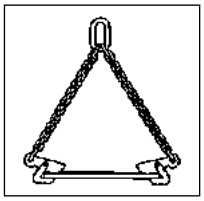
Repair Kits for SAC Clamps



Capacity	1 Ton	3 Tons	6 Tons
Description	**Code No.**	**Code No.**	**Code No.**
Cam / Pad Kit Kit includes: 1 Cam, 1 Pad, 1 Pad Bolt, 1 Nut, 1 Washer	**6501000**	**6501010**	**6501020**
Screw / Handle Kit Kit includes: 1 Screw, 1 Handle	**6501101**	**6501011**	**6501021**
Shackle / Bolt Kit Kit includes: 1 Shackle, 1 Shackle Bolt, 1 Nut, 1 Cotter Key	**6501111**	**6501012**	**6501022**

Horizontal Plate Clamp





- One man can handle plates with this clamp.
- Dual springs hold cam on the work while the second clamp is placed.
- Sold in pairs **ONLY.**
- Clamps are 100% Proof Tested and Certificate of Test supplied with each clamp.

Merrill Part No.	Code No.	Working Load Limit Per Pair Metric Ton	Grip Range in.	Grip Range mm	Cam Width in.	Cam Width mm	Width in.	Width mm	Dimensions A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm	O in.	O mm	Weight Per Pair lb	Weight Per Pair kg
6H	**6421701**	6	0-1 ½	0-38	5	127	¾	19	4 ½	114	1	25	8	203	1	25	7 ½	191	30	13,6

Repair Kit for Horizontal Plate Clamp

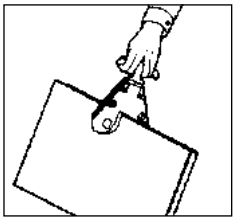
Description	Code No.
Cam Kit Kit includes: 1 Cam, 1 Cam Bolt, 2 Springs, 2 Nuts	**6501700**

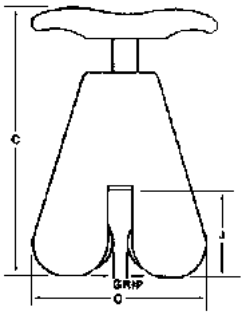
⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Campbell®

Duplex Hand Grip



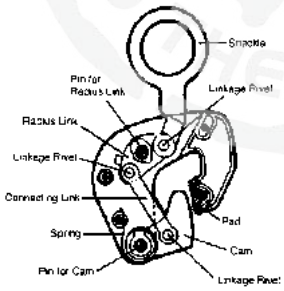


- Designed to carry or pull any object that will fit into its jaws.
- Grips and releases automatically.

Code No.	Working Load Limit lb	Working Load Limit kg	Handle Length in.	Handle Length mm	Grip Range in.	Grip Range mm	Dimensions C in.	Dimensions C mm	Dimensions J in.	Dimensions J mm	Dimensions O in.	Dimensions O mm	Weight lb	Weight kg
6421801	500	227	2	50	0–5/16	0–8	6	152	1 7/8	48	3 3/4	95	2	1
6421802	500	227	Eye nut		0–5/16	0–8	8	203	1 7/8	48	3 3/4	95	2	1
6421803	500	227	6	150	0–5/16	0–8	12	305	1 7/8	48	3 3/4	95	3	1
6421805	500	227	10	250	0–5/16	0–8	16	406	1 7/8	48	3 3/4	95	3	1
6421806	500	227	18	450	0–5/16	0–8	23	584	1 7/8	48	3 3/4	95	4	2

Drum Handling Equipment, Single Drum Lifter No. 52

- Lifts drums with or without heads removed.
- Drums can be lifted from either horizontal or vertical positions and then reversed.
- Snaps onto drum and is held there by its spring-loaded cam even when there is no load.
- **Note: THIS CLAMP IS NOT SUITABLE FOR LIFTING PLATES OR SHEETS!**



Code No.	Working Load Limit Metric Ton	Dimensions Overall Width in.	Overall Width mm	Bearing to Pad Center in.	Bearing to Pad Center mm	I.D. Eye in.	I.D. Eye mm	Bead Recess in.	Bead Recess mm	Max. Jaw Opening in.	Max. Jaw Opening mm	Weight lb	Weight kg
6410101	1/2	5	127	6	152	1 3/4	44	1/2 x 3/4	13 x 19	7/8	22	4 3/4	2

Replacement Parts for Drum Lifter

Part Name	Pkg. Qty.	Code No.
Cam, pad, rivet and spring	1 each	**6505011**

⚠ WARNING

- Select proper size clamp for the job.
- Determine the weight of the plate to be lifted.
- Do not exceed WLL (Working Load Limit) shown on clamp.
- Plate thickness must be within grip range shown on clamp.

Notes

Air Powered Dispensing Products

Caulk Master®

Caulk Master® Table of Contents

Saving time and much more.

Whether you're a do-it-yourselfer or a pro, Caulk Master® can dramatically increase your productivity and make it easier for you to produce the perfect bead ... all while reducing fatigue and the chance of injury.

Caulk Master® air powered dispensing guns give you a level of control simply unattainable with manual guns. The patented trigger mechanism gives you the exact amount of caulk, sealant, or adhesive you need, so you can dispense material at a smooth, steady pace. Even "weep" at the end of a run is a thing of the past ... when you stop squeezing the trigger, the flow stops immediately.

It's no wonder that demanding industries such as construction, automotive, marine and aerospace are loyal users of Caulk Master® products.

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PG110 Professional Air Powered Metal Dispensing Gun	36
Caulk Master® Numerical Index	185

Caulk Master® Application Chart

	Model:	TPG100 Standard Cartridge	PG110 High Viscosity
Application/User	Automotive	X	X
	Construction	X	X
	Do-it-Yourselfer	X	
	Maint./Repair	X	X
	Marine	X	X
	OEM	X	X
Viscosity	Low	X	X
	Medium	X	X
	High		X
Cartridge Capacity	1/10th Gallon Tube	X	X

Caulk Master®

Air Powered Dispensing Guns

Caulk Master® Features and Benefits

- Time Saving – reduces the average caulking job up to 80%.

- All Caulk Master® dispensing guns come with a 3-foot air hose and standard $^1/_4$" NPT fitting. Easily connects to a high-pressure regulator and air tank or compressor (purchase separately).

- Caulk Master® provides a smooth, even flow of material for a superior bead in a fraction of the time needed by outdated manual methods.

- Patented trigger mechanism makes it easy to vary the amount of material being dispensed and reduce operator fatigue.

- Unique twist lock bayonet barrel mount.

1. Twist barrel to unlock. Remove empty cartridge.

2. Drop in new cartridge and twist barrel to lock.

3. Get back to work. It's that simple.

- High-impact, non-corrosion construction.

- Common grip will handle all sealant, caulk and adhesives.

PG100 Professional Air Powered Dispensing Gun

TPG100 – Handles Any 10,3 Oz. Cartridge

- 1/10th gallon (10,3 oz.) barrel
- Ergonomic Valox® grip
- Weight: 14,5 oz.
- 4,8 bar maximum operating pressure

Code No.	Packed	Gun Body	Max. pressure	Cartridge Barrel	Ship Weight lb	Ship Weight kg	Case Pack
TPG100	Clamshell	Valox	4,8 bar	10,3 oz.	7,5	3,400	5

PG110 Professional Air Powered Metal Dispensing

PG110 – Handles Any 10,3 Oz. Cartridge

- For high viscosity materials
- 1/10th gallon (10,3 oz.) barrel
- Ergonomic aluminum grip
- Weight: 1 Lb., 12 Oz.
- 6,8 bar maximum operating pressure

Code No.	Packed	Gun Body	Max. pressure	Cartridge Barrel	Ship Weight lb	Ship Weight kg	Case Pack
PG110	Clamshell	Aluminum	6,8 bar	10,3 oz.	11,0	5,000	5

Wrenches, Pliers, Drivers, Ratchet Handles and Tool Sets

CRESCENT BRAND®

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Key to Symbols	
	Jaw opening
	Blade length (of screwdriver)
	Blade diameter (of screwdriver)
	Overall length (of screwdriver)

Crescent® Adjustable Wrenches

World famous Crescent® adjustable wrench. These wrenches are made of fine alloy steel to give extra strength and wear. Used by professional mechanics, industrial tradesmen and home mechanics. Dimensions are proportioned for greatest strength with minimum weight. A tension spring under knurl helps prevent jaw opening from changing adjustment. An open handle design permits easier knurl adjustment. Handle made of forged alloy steel and heat treated for toughness and durability. Chrome or black phosphate finishes are available as indicated.

Chrome Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Chrome plated finish resists rust and corrosion.
- Polished head and regular, satin finished handle.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC16	Boxed	6	150	15/16	24	5,00	142	6
AC18	Boxed	8	200	1 1/8	29	9,01	255	6
AC110	Boxed	10	250	1 5/16	33	16,06	455	6
AC112	Boxed	12	300	1 1/2	38	25,97	736	6

Cushion Grip, Chrome Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Chrome plated finish resists rust and corrosion.
- Polished head and red non-slip cushion grip.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC16C	Boxed	6	150	15/16	24	5,00	142	6
AC18C	Boxed	8	200	1 1/8	29	9,01	255	6
AC110C	Boxed	10	250	1 5/16	33	16,06	455	6
AC112C	Boxed	12	300	1 1/2	38	25,97	736	6

Black Phosphate Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Wide capacity jaw (sizes 6–12) allows each tool to work with more fastener sizes.
- Wider handle (sizes 6–12) provides more comfort and less stress to the hand.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Black phosphate finish resists corrosion.
- Polished head and regular handle, non-slip grip.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AT26VS	Carded	6	150	15/16	24	5,00	142	6
AT28VS	Carded	8	200	1 1/8	29	9,01	255	6
AT210VS	Carded	10	250	1 5/16	33	16,06	455	6
AT212VS	Carded	12	300	1 1/2	38	25,97	736	3

Tapered Handle, Black Phosphate Finish

- World famous Crescent® brand
- For professional, industrial or home use.
- Tension spring stabilizes jaw and knurl adjusts easily.
- Alloy steel and heat treated.
- Proportioned dimensions for greatest strength and minimum weight.
- Black phosphate finish resists corrosion.
- Tapered handle for better two-handed grip and less weight.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AT115	Boxed	15	380	1 11/16	43	52,32	1483	1
AT118	Boxed	18	460	2 1/16	52	81,44	2309	1

Rapid Slide™

- Slide control in handle for fast, easy, and accurate jaw adjustment.
- Laser-etched SAE/metric markings on head.
- Wide handle for strength, comfort, and power.
- Internal debris shield protects slide mechanism.

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight oz	Tool weight g	Shelf Pack
AC6NKWMP	Carded	6	150	15/16	24	10,40	294	6
AC8NKWMP	Carded	8	200	1	25	15,10	468	6
AC10NKWMP	Carded	10	250	1,2	30	28,00	794	6

CRESCENT BRAND

Ratcheting Adjustable Wrench

- Movable jaw works on any 4 or 6 point fastener up to 15/16“
- Smooth ratcheting action is intuitive and easy to use
- Ratcheting on/off switch allows wrench to also be used as a traditional adjustable wrench
- Unique handle design accommodates a wide variety of hand sizes and shapes and promotes proper use
- Tightens and loosens fasteners without removing the wrench

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight lb	Tool weight g	Shelf Pack
ATR28	Carded	8	200	15/16	24	0,7	330	3

R² Rapid Rench™

- Adjustable Ratchet Socket Wrench
- Fits hundereds of fasteners.
- Replace 38 most popular socket sizes.
- For SAE and metric
- Jaw capacity 1/4“ to 7/8“ / 6.35 mm to 22.2 mm
- Tighten or loosen with the flip of a switch.
- Dial adjusts jaw to exact size of fastener.
- Rubberized comfort grip for extra power.
- 2nd generation

Code No.	Packed	Length Inch	Length mm	Inch	mm	Tool weight lb	Tool weight g	Shelf Pack
FR28SEU	Carded	8	200	1	22	1,2	537	4

Ratchet Handles

- Solid version made of Chrome-Vanadium steel
- Ratchet mechanism with 72 teeth
- Spring loaded square drive
- Quick release button
- Left-right-switch
- Non-slip, ergonomic co-molded grip

Code No.	Packed	Drive	Length Inch	Length mm	Tool weight lb	Tool weight g	Shelf Pack
CRH14EU	Carded	1/4“	6	155	0,3	142	6
CRH38EU	Carded	3/8“	8 1/2	220	0,7	337	6
CRH12EU	Carded	1/2“	10 1/2	270	1,4	616	6

Straight Jaws

- Made from finest quality tool steel.
- Designed to grip all shapes like rods, pipes and cable connections.
- Precision-milled ribs assure smooth, positive interlock between two halves with no chance of halves separating or jumping out of grooves.
- Straight jaws and self-locking jaw adjustment.
- Forged, hardened and tempered.
- Red non-slip cushion handle grips.

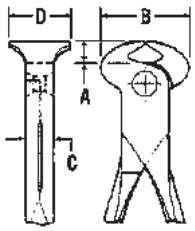
Code No.	Packed	Length Inch	Length mm	Inch	mm	No. of jaw positions	Tool weight oz	Tool weight g	Shelf Pack
R27CV	Carded	7	178	1 1/8	28	6	7,04	200	6
R210CV	Carded	10	250	1 1/2	38	6	15,04	426	6
R212CV	Carded	12	300	2 1/2	64	8	25,18	714	6
R216CV	Carded	16	400	4 1/4	108	10	44,26	1372	3
HL120P	Carded	20	500	5 1/2	138	12	60,80	1724	2

Curved Jaws

- Made from finest quality tool steel.
- Designed to grip all shapes like rods, pipes and cable connections.
- Precision-milled ribs assure smooth, positive interlock between two and with no chance of halves separating or jumping out of grooves.
- Curved jaws and self-locking jaw adjustment.
- Forged, hardened and tempered.
- Red non-slip cushion handle grips and long handles give powerful leverage.

Code No.	Packed	Length Inch	Length mm	Inch	mm	No. of jaw positions	Tool weight oz	Tool weight g	Shelf Pack
R410CV	Carded	10	250	1 1/2	38	6	13,92	395	6

End Cutting Nippers



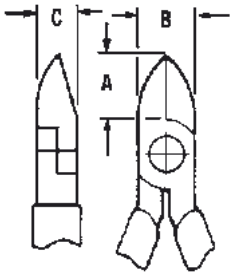
- Top quality end cutting tool.
- Precision manufactured from forged alloy tool steel.
- Handles with carefully designed leverage ratio to blades for easier cutting.
- Carefully designed throat clearance and rivet size.
- Electronically induction hardened, carefully designed, angled cutting edges and blade sizes.
- Plain handles or red non-slip cushion handle grips (suffix “C”).

Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	D Inch	D mm	Tool weight oz	Tool weight g	Shelf Pack
727CVN	Carded	7 1/4	184	3/8	10	1 3/4	44	17/32	13	13/16	30	12,00	340	6
728CVN	Carded	8 1/4	210	3/8	10	1 3/4	44	17/32	13	13/16	30	16,00	454	6

CRESCENT BRAND

Heavy-Duty Diagonal Cutting

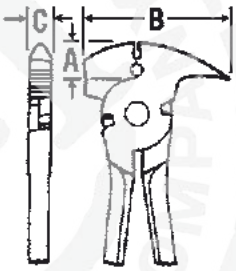
- Designed for heavy-duty wire cutting.
- Electronically induction hardened and hand-honed, longlasting cutting edges.
- Made of forged alloy tool steel and individually tested for strength and cutting ability.
- Polished head
- Plain handles or red non-slip cushion handle grips (suffix “C”).



Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Tool weight oz	Tool weight g	Shelf Pack
5427CVN	Carded	7	175	25/32	20	1 7/32	31	15/32	12	8,96	254	6

Heavy-Duty Fence Tool Pliers

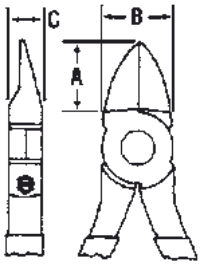
- 2 staple grips in nose.
- Corrugated hammer head with heavy prong to easily reach and pull rusty staples.
- Special opening in head allows both wire and staple to be gripped.
- 2 electronically induction hardened durable wire cutters.
- Made of forged alloy tool steel.
- Polished head
- Plain handles or red non-slip cushion handle grips (suffix “C”).



Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Tool weight oz	Tool weight g	Shelf Pack
T193610VN	Carded	10 7/16	265	1 1/16	27	3 5/8	91	19/32	15	24,96	708	6

Heavy-Duty Diagonal Cutters

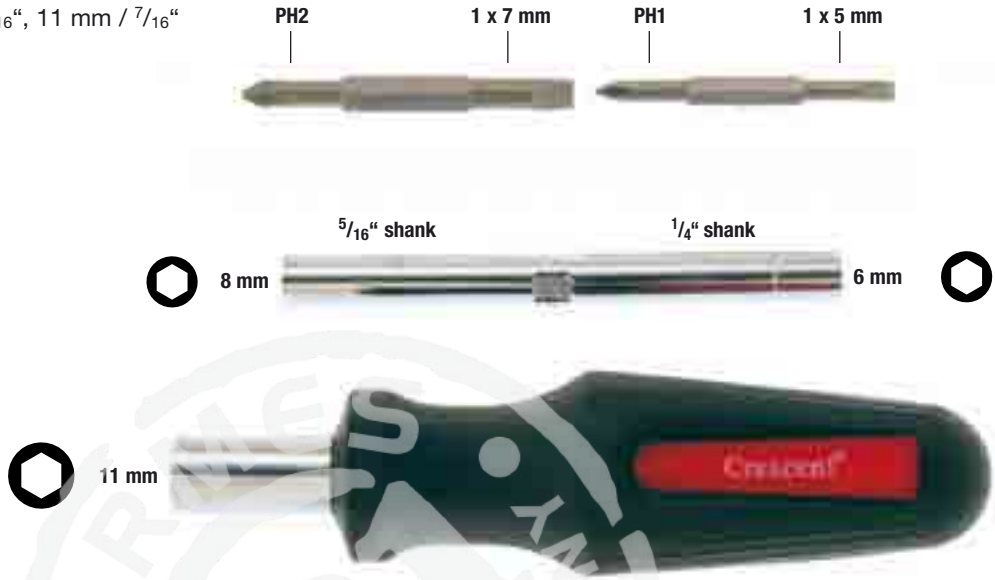
- Flush ground back for close cutting.
- Adjustable stops prolong cutting edge life.
- Handle coil springs reduce user fatigue.
- Plastic cutting only



Code No.	Packed	Length Inch	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Pack Wt. lb	Pack Wt. g	Shelf Pack
M56RPN	Boxed	6	150	27/32	21	23/32	18	13/32	10	0,38	172	1
M57RPN	Boxed	7	175	1 3/32	27	29/32	23	31/64	12	0,56	254	1

Interchangeable Bit Screwdrivers

- 7-in-1-Screwdriver.
- Ergonomic non-slip handle for improved control.
- S2 Steel bits for improved lifetime.
- Consists of:
  Slotted screwdriver 1 x 7 mm and Phillips® PH2 ($^5/_{16}$“ shank)
  Slotted screwdriver 1 x 5 mm und Phillips® PH1 ($^1/_4$“ shank)
  Nutdriver: 6 mm / $^1/_4$“, 8 mm / $^5/_{16}$“, 11 mm / $^7/_{16}$“



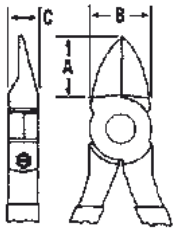
Code No.	Shelf Pack
CMBD7P	12 pcs. in counter top display

- Nail Puller: Frustration Free way to remove tiny nails and tacks
- Nail Hammer: Hammer with heft-specially weighted for driving small nails and tacks
- Soft Mallet: Specially built for tapping without marring surfaces or breaking dowels
- Retractable Knife: Cuts through-to-open packages and breaks down boxes with ease
- Flexible Shaft: Gets into tight corners where fingers and regular screwdrivers can`t
- Reversible Ratcheting Bit Driver: Fully reversible so you can tighten and loosen screw fast
- 6-Bit Storage: 2 slotted, 3 hex and 1 Phillips®

Code No.	Packed	Length Inch	Length mm	Tool weight lb	Tool weight kg	Package Quantity
CMT1000	Blister	11,4 x 6,8 x 1,5	290 x 173 x 38	1,3	0,6	1
CMT1000MP	Display	12,0 x 7,0 x 9,5	305 x 180 x 240	7,8	3,6	6
CMT1000QP	Quarter Palett	12,0 x 7,0 x 42,5	305 x 180 x 1080	31,2	14,4	24

Diagonal Compound Action Pliers

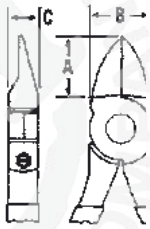
- Compound leverage design that increases cutting power by 50%.
- Chrome Vanadium steel for increased durability.
- Co-molded grips for added comfort and superior control.
- Heat treated joint rivet for smooth and consistent operation.
- Induction hardened edges for long cutting life.
- Self - opening
- Lighter than standard pliers, reduces fatigue.



Code No.	Packed	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	Tool weight oz	Tool weight g	Shelf Pack
PS5429C	Carded	200	1	25	31/32	24	13/32	10	9	249	3

Long Nose Compound Action Pliers

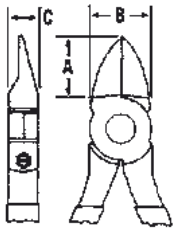
- Compound leverage design that increases cutting power by 50%.
- Chrome Vanadium steel for increased durability.
- Co-molded grips for added comfort and superior control.
- Heat treated joint rivet for smooth and consistent operation.
- Induction hardened edges for long cutting life.
- Self - opening
- Lighter than standard pliers, reduces fatigue.



Code No.	Packed	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	D Inch	D mm	E Inch	E mm	Tool weight oz	Tool weight g	Shelf Pack
PS6549C	Carded	225	2 1/8	54	1	25	7/16	11	5/8	16	1/8	3,2	10	272	3

Linesman Compound Action Pliers

- Compound leverage design that increases cutting power by 50%.
- Chrome Vanadium steel for increased durability.
- Co-molded grips for added comfort and superior control.
- Heat treated joint rivet for smooth and consistent operation.
- Induction hardened edges for long cutting life.
- Self - opening
- Lighter than standard pliers, reduces fatigue.



Code No.	Packed	Length mm	A Inch	A mm	B Inch	B mm	C Inch	C mm	D Inch	D mm	Tool weight oz	Tool weight g	Shelf Pack
PS20509C	Carded	210	1 1/8	29	1	25	7/16	11	9/16	14	10	272	3

Locking Pliers

Crescent® locking pliers are manufactured in a high-level procedure, which guarantees an improved durability and a long term performance. The production takes place after the strict ASME Standards B107.24 and B107.36, which cover the applicability, product description, strength and maximum capacity of the jaw openings. Despite the enormous jaw pressure it is possible for the Crescent® Grip pliers to be used in difficult accessible and limited working environments by the means of the special formed jaw. Long nose, curved, and straight jaw pliers feature are just as characteristic for Crescent® locking pliers, as the patented tooth pattern for an optimal grip. Every style has a tough nickel-plated finish for maximum resistance to rust and corrosion.

Code No.	Description	Packed	Max.Jaw opening Inch / mm	Tool weight lb	Tool weight g	Shelf Pack
C7SV	7“ Straight Jaw Locking Pliers	Carded	$1^5/_8$ / 42	0,9	408	3
C10SV	10“ Straight Jaw Locking Pliers	Carded	$1^7/_8$ / 48	1,3	590	3
C5CV	5“ Curved Jaw Locking Pliers with Wire Cutter	Carded	$1^1/_4$ / 32	0,4	190	3
C7CV	7“ Curved Jaw Locking Pliers with Wire Cutter	Carded	$1^5/_8$ / 42	0,9	385	3
C10CV	10“ Curved Jaw Locking Pliers with Wire Cutter	Carded	$1^7/_8$ / 48	1,2	540	3
C6NV	6“ Long Nose Locking Pliers with Wire Cutter	Carded	$2^7/_8$ / 73	0,4	204	3
C9NV	9“ Long Nose Locking Pliers with Wire Cutter	Carded	$2^7/_8$ / 73	0,9	417	3
C6CCV	6“ Locking “C” Clamp with Regular Tips	Carded	2 / 51	0,6	250	3
C6CCSV	6“ Locking “C” Clamp with Swivel Tips	Carded	$2^1/_8$ / 54	0,6	281	3

CRESCENT BRAND

Locking Pliers

Code No.	Description	Max.Jaw opening Inch / mm	Packed	Tool weight lb	Tool weight g	Shelf Pack
C11CCV	11“ Locking “C” Clamp with Regular Tips	4 / 102	Carded	1,8	789	1
C11CCSV	11“ Locking “C” Clamp with Swivel Tips	$3^{7}/_{8}$ / 99	Carded	1,9	844	1
C8SMV	8“ Locking Sheet Metal Clamp	$1^{3}/_{4}$ / 45	Carded	1,1	503	3
C9W	9“ Locking Welder’s Clamp	$2^{1}/_{8}$ / 54	Boxed	1,4	612	1
C20CH	9“ Locking Chain Clamp with 18“ Chain	18“/455	Boxed	1,6	735	1
CLP5SET	**5-Piece Locking Pliers Set**		Carded		1796	3
	5“ Curved Jaw Locking Pliers with Wire Cutter					
	7“ Curved Jaw Locking Pliers with Wire Cutter					
	10“ Curved Jaw Locking Pliers with Wire Cutter					
	6“ Long Nose Locking Pliers with Wire Cutter					
	9“ Long Nose Locking Pliers with Wire Cutter					
CLP2SET	**2-Piece Locking Pliers Set**		Carded		939	3
	7“ Curved Jaw Locking Pliers with Wire Cutter					
	10“ Curved Jaw Locking Pliers with Wire Cutter					
CLP3SETC	**3-Piece Cushion Grip Locking Pliers Set**		Carded		1202	3
	5“ Cushion Grip Curved Jaw Locking Pliers with Wire Cutter					
	7“ Cushion Grip Curved Jaw Locking Pliers with Wire Cutter					
	10“ Cushion Grip Curved Jaw Locking Pliers with Wire Cutter					

Multi Tool 14-in-1

- Stainless steel Multi Tool with pouch.
- Compact design, closed only 10 cm length.
- All blades can be used in closed condition.
- Ergonomic, solid, red - anodized handles.
- Coloured display, containing 12 pcs.
- 14 tools in 1

- Regular pliers
- Needle nose pliers
- Wire cutter
- Large slotted screwdriver
- Medium slotted screwdriver
- Small slotted screwdriver
- Phillips® screwdriver PH1
- Single cut file
- Double cut file
- Bottle opener
- Can opener
- Saw
- Knife
- Serrated knife

Code No.	Description	Colour	Tool weight lb	Tool weight g	Shelf Pack
CMTB14EU	Multi Tool 14 in 1	Black	0,5	241	12

1/4“ Tool Set with 42 Tools

- 1/4“ Ratchet screwdriver bit and socket set with 42 tools for daily use.
- Ratchet screwdriver with telescopic shaft (max.130mm), magnetic bit holder and co-molded handle for maximum comfort and ergonomic working.
- Socket Chrome-Vanadium with “SuperLock” design.
- All components are fixed in a handy plastic case.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK42EU	Ratchet Screwdriver, Bit + Socket Set, 1/4“, 42 pc	2,1	0,9	6

	Content:
1	Quick changeable, ratchet screwdriver with telescopic shaft
1	Flexible extension bar, 1/4“ x 150 mm - CrV
9	Sockets 1/4“: 5, 6, 7, 8, 9, 10, 11, 12, 13 mm
1	Socket adapter 1/4“ x 25 mm
30	Bits 1/4“ x 25 mm
8	Torx®: T9, T10, T15, T20, T25, T27, T30, T40
6	Phillips®: PH1(2), PH2(2), PH3(2)
6	Pozidriv: PZ1(2), PZ2(2), PZ3(2)
4	Slotted: 3, 4, 5, 6 mm
6	Hex: 2, 2.5, 3, 4, 5, 6 mm

- 1/4“ Bit and socket set with reversable, ratchet handle with flexible head, 47 tools.
- Socket Chrome-Vanadium with “SuperLock” design.
- For many applications
- All components are fixed in a handy plastic case.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK47EU	Bit + Socket Set with Ratchet handle, 1/4“, 47 pc	2,1	0,928	6

		Content:
	1	Reversible, ratchet handle with flexible head 1/4“, 72-teeth
	1	Sliding T-Bar 1/4“, length 115 mm
	1	Extension bar 1/4“, length 50 mm
	1	Universal joint 1/4“
	1	Bit adapter 1/4“ x 25 mm
	12	Sockets 1/4“: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
	30	Bits 1/4“ x 25 mm
	8	Torx®: T9, T10, T15, T20, T25, T27, T30, T40
	6	Phillips®: PH1(2), PH2(2), PH3(2)
	6	Pozidriv: PZ1(2), PZ2(2), PZ3(2)
	4	Slotted: 3, 4, 5, 6 mm
	6	Hex: 2, 2.5, 3, 4, 5, 6 mm

1/2“ Tool Set with 25 Tools

- The Set includes 25 pieces in high-quality Chrome-Vanadium and SuperLock. All pieces are fixed in a handy plastic case with carrying handle.
- Sockets, matte, in Chrome-Vanadium and SuperLock-Quality.

1/2" DRIVE

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK25NEU	1/2“ Tool Set, 25 Pieces	8,7	3,9	5

Content:

1	1/2“ Quick Release Ratcheting Drive, 72-teeth, with ergonomic cushion grip, CrV
2	1/2“ Extension 125 mm and 250 mm, CrV
1	1/2“ Universal Joint, CrV
2	1/2“ Spark Plug Sockets: 16 mm und 21 mm with rubber lining, CrV
18	1/2“ SuperLock Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm, CrV
1	1/2“ Sliding T-Handle, CrV

1/4“ Tool Set with 45 Tools

- The Set includes 45 pieces in high-quality Chrome-Vanadium and SuperLock (except bits and Hex Keys).
  All pieces are fixed in a handy plastic case.
- Sockets, matte, in Chrome-Vanadium and SuperLock-Quality.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK45NEU	1/4“ Tool Set, 45 Pieces	2,9	1,3	5

	Contents:
1	1/4“ Quick Release Ratcheting Drive, 72-teeth, with ergonomic cushion grip, CrV
2	1/4“ Extension 50 mm und 100 mm, CrV
1	1/4“ Universal Joint, CrV
1	1/4“ Flexible Extension Shaft 150 mm, CrV
13	1/4“ SuperLock Sockets: 4 / 4,5 / 5 / 5,5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 mm, CrV
2	1/4“ Phillips® Bit Sockets: No. 1 & No. 2
2	1/4“ Pozidriv® Bit Sockets: No. 1 & No. 2
3	1/4“ Slotted Bit Sockets: 4, 5, 7 mm
4	1/4“ Hex Bits Sockets: 3, 4, 5, 6 mm
6	1/4“ Torx® Bit Sockets: T8, T10, T15, T20, T25, T30
8	Hex Key: 1,5 / 2 / 2,5 / 3 / 4 / 5 / 5,5 / 6 mm with Holder
1	1/4“ Spinner Handle
1	1/4“ Sliding T-Handle

Tool Box with 61 Tools

- Professional Tool Box with 61 tools.
- For mechanical works – for home an professional applications
- All components are fixed in a robust, red metal box with carrying handle.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTB61EU	Metal Tool Box, 61 pieces	29,0	13,0	1

		Content:
	1	Ratchet Handle, 1/2“ Drive, 72-teeth, co-molded Grip, CrV
	19	Sockets, 1/2“ Drive, 6-pt Flank Drive: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 26, 27, 30, 32 mm, CrV
	3	Extension Bars, 1/2“ Drive: 75, 125, 250 mm, CrV
	1	Sliding T-Bar, 1/2“ Drive, 250 mm, CrV
	17	Combination Wrenches: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18,19, 20, 21, 22 mm, CrV
	10	Screwdrivers, Co-molded Handle,
		CrV: Slotted 3x100, 4x125, 6x38, 6x150, 6x200, 8x175 mm
		Phillips®: PH1x80, PH2x38, PH2x100, PH3x150 mm
	8	Hex Keys: 1.5 / 2 / 2.5 / 3 / 4 / 5 / 5.5 / 6 mm with Holder
	1	Tongue & Groove Pliers, Curved Jaws, 250 mm, CrV
	1	Locking Pliers, Curved Jaws, 250 mm, Cr-Mo

CRESCENT BRAND

Tool Set with 95 Tools

- Professional Home Owner Set with 95 tools.
- Especially designed for home and professional applications.
- All components are fixed in a handy plastic case with carrying handle.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK95NEU	Tool Set, 95 Pieces	18,3	5,6	3

Content:

1	Wiss® folding knife WKFQ4R with one standard blade
10	Blades standard for Wiss® WKFQ4R in dispenser
1	Lufkin® measuring tape L505CM 5 m, 19 mm wide
9	Combination wrench 6, 8, 9, 10, 11, 12, 13, 14, 15 mm, CrV
1	Magnetic bit driver for 1/4” Bits, with forward / reverse and lock function
1	Magnetic bit holder, 1/4“
40	Driver bits with Bit Holder, 25 mm long, 1/4“
2	Screwdriver Phillips®, PH1 x 100 mm and PH2 x 150 mm, 2-Component Handle
2	Screwdriver Pozidriv, PZ1 x 80 mm and PZ2 x 100 mm, 2-Component Handle
2	Screwdriver slotted, 4 x 100 mm and 8 x 150 mm, 2-Component Handle
1	Screwdriver Precision slotted, 2,0 mm, blade length 75 mm, 2-Component Handle
1	Screwdriver Precision slotted, 4,0 mm, blade length 75 mm, 2-Component Handle
1	Screwdriver Precision Phillips®, PH00, blade length 75 mm, 2-Component Handle
1	Screwdriver Precision Phillips®, PH0, blade length 75 mm, 2-Component Handle
1	Circuit tester 110-250V, TÜV/GS approved
8	Hex keys with Ball End and holder - 1,5, 2, 2,5, 3, 4, 5, 5,5, 6 mm
1	Carpenter`s try and mitre square, Aluminium, 300 mm
1	Tongue & groove plier, 250 mm, 2-Component Handle, CrV
1	Combination plier, 180 mm, 2-Component Handle, CrV
1	Long nose plier, 160 mm, 2-Component Handle , CrV
1	Diagonal cutting plier, 150 mm, 2-Component Handle, CrV
1	Lufkin® SPIRIT LEVEL with 2 Vials, Aluminium, 400 x 50 mm
1	Hammer 300 gr., TÜV/GS approved
1	Mini hacksaw with blade 150 mm
5	Replacement blades for mini hacksaw, 24 teeth per inch

1/4“ + 1/2“ Tool Set with 110 Tools

NEW PRODUCT

- The Set includes 110 pieces in high-quality Chrome-Vanadium (except pliers). All pieces are fixed in a handy plastic case.
- Sockets matte chromed
- Pliers Chrome-Vanadium, mirror finish, with co-molded handles.

1/4" DRIVE 1/2" DRIVE 6 POINT EXCEEDS A.N.S.I. LOAD SPECS EXCEEDS DIN LOAD SPECS SURFACE DRIVE® CHROME VANADIUM

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CTK110NEU	1/4“ + 1/2“ Tool Set, 110 Pieces	18,5	8,3	3

Content:

1	1/2“ Quick Release Ratcheting Drive, 72-teeth, with cushion grip, CrV
1	1/2“ Extension 125 mm, CrV
1	1/2“ Universal Joint, CrV
15	1/2“ Sockets 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 27 mm, CrV, 6-pt
1	1/2“ Sliding T-Handle / Extension 250 mm, CrV
1	1/2“ Spark Plug Socket 16 mm, CrV
1	1/2“ Spark Plug Socket 21 mm, CrV
1	1/4“ Quick Release Ratcheting Drive, 72-teeth, with cushion grip, CrV
2	1/4“ Extension 50 mm and 100 mm, CrV
1	1/4“ Universal Joint, CrV
1	1/4“ Flexible Extension 150 mm, CrV
11	1/4“ Sockets 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 mm, CrV, 6-pt
11	Combination Wrenches 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19 mm, CrV
2	Screwdriver, Slotted 6,5 x 100 mm and 5,5 x 75 mm
2	Screwdriver, Phillips® No. 1 x 75 mm and No. 2 x 100 mm
1	Magnetic Bit Driver, 125 mm, CrV, with left-/right-Drive
40	Screwdriver Bits 1/4“, 25 mm long
4	Bit Holders
8	Hex Keys 1,5 / 2 / 2,5 / 3 / 4 / 5 / 5,5 / 6 mm
1	Hex Key Holder
1	Long Nose Plier w/Spring 8“ / 200 mm, CrV, with co-molded handles
1	Diagonal Cutting Plier w/Spring 6“ / 150 mm, CrV, with co-molded handles
1	Tongue & Groove Plier 10“ / 250 mm, CrV, with co-molded handles
1	Case with blister inlay and 4c coloured display box

1/4“ Bit Set, 64 PC

- 1/4“ Bit Set with quick release holder, 64 pieces
- Large assortment for private, industrial and handcraft applications.
- All components are fixed in a handy plastic case.

Code No.	Description	Tool weight lb	Tool weight Kg	Shelf Pack
CBK64EU	Bit Kit 1/4“, 64 pc	1,2	0,6	6

	Content:
1	Quick release bit holder, CrV, coloured anodized
1	Socket adapter 1/4“ x 25 mm
62	Bits 1/4“ x 25 mm
8	Torx®: T8, T10, T15, T20, T25, T27, T30, T40
8	Tampered Torx® : TT8, TT10, TT15, T20, TT25, TT27, TT30, TT40
4	Phillips®: PH1, PH2, PH3, PH4
4	Pozidriv: PZ1, PZ2, PZ3, PZ4
8	Slotted: 3 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 8 mm
7	Hex: 2.5, 3, 4, 5, 6, 7, 8 mm
12	Tampered Hex: 2, 2.5, 3, 4, 5, 6, mm / 5/64“, 3/32“, 7/64“, 1/8“, 9/64“, 5/32“
4	Triwing: TW1, TW2, TW3, TW4
4	Spanner: 4, 6, 8, 10
3	Torq-Set: 6, 8, 10

Notes

Tapes and Measuring Wheels

Lufkin®

Lufkin®

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HERMES No1 THE TOOL COMPANY

EC-Standardization

Each Lufkin measure tape (steel) corresponds to the Class II of the European Weights and Measure Regulations (except CME tapes and HY-series). Tolerance of dimensional accuracy in mm ± is for the whole tape length.

Class	1 m	2 m	3 m	5 m	10 m	15 m	20 m	30 m	50 m
I	0,2	0,3	0,4	0,6	1,1	1,6	2,1	3,1	5,1
II	0,5	0,7	0,9	1,3	2,3	3,3	4,3	6,3	10,3
III	1,0	1,4	1,8	2,6	4,6	6,6	8,6	12,6	20,6

The tolerance has been determined at a temperature of 20°C and a power of 50 Newton.

The tolerances of measure tapes of Class I and Class II are determined by the following formula.

$$(a + b \times L)$$

L = nominal length in meter

	a	b
Class I:	0,1	0,1
Class II:	0,3	0,2

Example:
3 m tapes / EC-Class II: (0,3 + 0,2 x 3) = ±0,9 mm difference

Series P1000

NEW PRODUCT

- Bright Hi-Viz® orange case - Easy to find on the Job
- Rubber cushion case exterior protects tape from Impact and improves grip
- Fits easily into most tape holsters
- Bright yellow blade has clear easy-to Read numerals
- Toggle lock is positioned for convenient operation
- Holds the blade securely in any position
- Cushioned blade return

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
PHV1023CME	Carded	13 mm/ 1/2“	3 m/10‘	130	6
PHV1035CM	Carded	19 mm	5 m	280	6
PHV1035CME	Carded	19 mm/ 3/4“	5 m/16‘	280	6
PHV1410CME	Carded	25 mm/1“	10 m/33‘	600	6
PHV1048CME	Carded	25 mm/1“	8 m/26‘	480	6
PHV1048DM	Carded	1“	26‘	480	6

Series 2000

- Ergonomic design, rounded case to feel as if it was part of the hand.
- High strength case with removable belt clip.
- Blade lock placed on top where the thumb expects it to be.
- Lock holds blade securely at any length.
- Unbreakable end hook and bright, clean graphics.
- Built-in shock absorber cushions blade return.

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
2003	**T0069200304**	Carded	16 mm	3 m	135	6	**R2003**	**T0069221704**	6
2105	**T0069210504**	Carded	16 mm	5 m	191	6	**R2105**	**T0069221707**	6
2205	**T0069220504**	Carded	19 mm	5 m	230	6	**RY35CM**	**T0063803504**	6
2208	**T0069220804**	Carded	25 mm	8 m	439	6	**RY48CM**	**T0063804804**	6

Lufkin

Ultralok

- Chrome-plated lightweight high strength case.
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- Removable belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
Y23CM	T0060402304	Carded	13 mm	3 m	110	6	RY23CM	T0063802304	6
Y23CME	T0060402311	Carded	13 mm/1/2“	3 m/10‘	110	6			
Y25CM	T0060402504	Carded	13 mm	5 m	160	6	RY25CM	T0063802504	6
Y25CME	T0060402511	Carded	13 mm/1/2“	5 m/16‘	160	6			
Y35CM	T0060403504	Carded	19 mm	5 m	205	6	RY35CM	T0063803504	6
Y35CME	T0060403511	Carded	19 mm/3/4“	5 m/16‘	205	6	RY35CME	T0063803511	6
Y38CM	T0060403804	Carded	19 mm	8 m	335	6	RY38CM	T0063803804	6
Y38CME	T0060403811	Carded	19 mm/3/4“	8 m/26‘	335	6			

Unilok

- Black high strength case
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- Removable belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
YU823CM	T0061082304	Carded	13 mm	3 m	110	6	RY23CM	T0063802304	6
YU823CME	T0061082311	Carded	13 mm/1/2“	3 m/10‘	110	6			
YU835CM	T0061083504	Carded	19 mm	5 m	202	6	RY35CM	T0063803504	6
YU835CME	T0061083511	Carded	19 mm/3/4“	5 m/16‘	202	6	RY35CME	T0063803511	6
YU838CM	T0061083804	Carded	19 mm	8 m	323	6	RY38CM	T0063803804	6
YU838CME	T0061283811	Carded	19 mm/3/4“	8 m/26‘	323	6			

Series 500

- Good value at a low price.
- Durable ABS case, contour shape fits comfortably in hand.
- Hi-Viz® colour makes it easy to find.
- Unique slide lock for easy control.
- Triple-riveted (5 m and 8 m) respectively double-riveted (3 m)
- Reinforced end-hook
- Belt clip

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
L503CM	Carded	13 mm	3 m	107	6
L505CM	Carded	19 mm	5 m	209	6
L508CM	Carded	25 mm	8 m	403	6

Series 600

NEW PRODUCT

- Lightweight, High Strength,
- Case Fits Comfortably in Hand
- Hi-Viz Case
- Easy to find on the Job
- Unique Slide Lock Design allows for Easy Control of Tape Blade
- Wide Base Helps Keep Tape Standing Upright
- Clear Coat Blade Protection for More Durable Markings
- Easy to Read Yellow Clad Blade

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
L610CME	Carded	13 mm/$^1/_2$“	3 m/10‘	107	6
L616CME	Carded	19 mm/$^3/_4$“	5 m/16‘	209	6
L625CME	Carded	25 mm/1“	8 m/26‘	403	8

Series 700 – Magnetic End Hook

NEW PRODUCT

- Series 700 metric
- Unique slide lock for easy control.
- Rubber coated TPR – (Thermo Plastic Rubber) case for more comfort.
- Hi-Viz® colour makes it easy to find.
- Belt clip
- L748MAG with magnetic end hook.
  A time saver for framers, HV/AC installers and more

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
L748MAG	Carded	25 mm/1‘	8 m/26‘	360	8

Lufkin

Series 800 – Control

- Drag Strip finger access for measuring nad retraction control
- Wide end-hook holds better and makes marking easier
- New blade design achieves 10 ft Stand-out, make longer measurements
- Clearcoat blade protection - more durable markings
- Durable case allows for added control and grip
- Integrated D-ring for tether strap or easy handling storage
- Easy On/Off belt clip for fast attachment to belt

NEW PRODUCT

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
CS8525CME	Carded	30mm / $^{3}/_{16}$“	8m / 26‘	600	6

Focus

- Ergonomic high strength case, Hi-Viz® colour orange.
- New type of scale marking can be read from both the left and the right.
- Blade lock holds blade at any length.
- Powered blade return
- Built-in shock absorber cushions blade return.
- New developed “Quad” hook (on 25 mm / 1“ tape only) ensures long life.
- Removable belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
W48CM	**T0069104804**	Carded	25 mm	8 m	420	6

Universal

- Small and compact
- Blade lock holds blade at any length
- Powered blade return
- High strength case
- With removable belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
Y822CM	**T0061182204**	Carded	13 mm	2 m	66	6	**RY22CM**	**T0063802204**	6
Y822CME	**T0061182211**	Carded	13 mm/1/2“	2 m/6‘	66	6			
Y823CM	**T0061182304**	Carded	13 m	3 m	92	6	**RY23CM**	**T0063802304**	6
Y823CME	**T0061182311**	Carded	13 mm/1/2“	3 m/10‘	92	6			

Mezurall in Metal Case

- Attractive, rugged zinc alloy case
- Ideal for industrial use
- Power retraction operation

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Code No.	Shelf Pack
Y422CM	**T0060842204**	Carded	13 mm	2 m	120	6	**RY22CM**	**T0063802204**	6
Y423CM	**T0060842304**	Carded	13 mm	3 m	140	6	**RY23CM**	**T0063802304**	6
Y423CME	**T0060842311**	Carded	13 mm/1/2“	3 m/10‘	140	6			

Mezurall in Chrome Plated Plastic Case

- Chrome-plated high strength plastic case
- Power retraction operation
- Belt clip

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
W9312D	**W9312D**	Carded	3/4"	12'	167	6

Pee Wee

- Pocket size ideal for office and home
- High strength case in black
- Power retraction operation
- Blade is not replaceable

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
Y612CM	**T0061561254**	Boxed	6 mm	2 m	30	25
Y613CM	**T0061561354**	Boxed	6 mm	3 m	40	25

Executive® Diameter

- Designed for measuring diameters of pipe, cable, tire or any circular object.
- Polished chrome case
- Zero falls in the same place on each side of the blade.
- Model W606PD shows diameter inches to 100ths, W606PM to millimetres.
- Yellow clad tape
- Easy-to-read bold graduations on yellow background.
- Spring action returns blade to case.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
W606PD	Boxed	1/4"	6'	38	6
W606PM	Boxed	6 mm	2 m	38	6

Banner

- Traditional design
- Professional tradesmans' quality
- Rugged, vinyl-covered steel case
- Large easy action winding drum and friction washers.
- Nylon rollers guide the tape smoothly in and out of case.
- "YB" prefix denotes product blade is fitted with a ring, zero point 10 cm behind ring.
- "HY" prefix denotes product blade is fitted with a hook ring, zero point at inner side of hook ring.

Type	Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type	Replacement Blade Code No.	Shelf Pack
YB210CM	**T0061821004**	Carded	10 mm	10 m	357	1			
YB220CM	**T0061822004**	Carded	10 mm	20 m	602	1	**RYB220CM**	**T0064022004**	1
YB230CM	**T0061823004**	Carded	10 mm	30 m	762	1			
YB250CM	**T0061825004**	Carded	10 mm	50 m	1136	1			

Special

- High-impact ABS case with non-slip grip
- Smooth wind-in mechanism
- Pocket shaped
- Ergonomical design
- Built-in bumper for smooth blade return
- With hook and ring, zero point at inner side of hook

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
LS10CM	Carded	10 mm	10 m	250	6
LS20CM	Carded	10 mm	20 m	370	6
LS30CM	Carded	10 mm	30 m	518	6
LS10CME	Carded	10 mm/ $^{3}/_{8}$"	10 m/33'	250	6
LS20CME	Carded	10 mm/ $^{3}/_{8}$"	20 m/66'	370	6
LS30CME	Carded	10 mm/ $^{3}/_{8}$"	30 m/100'	518	6

Lufkin®

Speedwinder Tapes

- 3:1 Gear ratio for fast blade retrieval.
- Precise, easy to read black and red blade markings.
- High-impact ABS case with non-slip grip.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
SW20CM	Carded	10 mm	20 m	422	6
SW30CM	Carded	10 mm	30 m	530	6
SW20CME	Carded	10 mm/ 3/8“	20 m/66‘	422	6
SW30CME	Carded	10 mm/ 3/8“	30 m/100‘	530	6

Speedwinder Hi-Viz

- Impact-resistant, attractive, self-standing case
- Heavy duty yellow clad blade protected by an abrasion resistant coating
- Extends, rewinds in less time than conventional long steel tapes
- Easy-to-read bold black markings

NEW PRODUCT

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
HYT100D	Boxed	3/8“	100‘	680	6

Frame Tapes

- Unique pistol grip design
- Smooth wind-in mechanism
- Compact design fits into a tool chest.
- Steel blade will not stretch.

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack	Replacement Blade Type / Code No.
FT30CM	Carded	13 mm	30 m	648	6	RFT30CM
FT50CM	Carded	13 mm	50 m	850	6	
FT30CME	Carded	13 mm/ $^1/_2$"	30 m/100'	648	6	
FT50CME	Carded	13 mm/ $^1/_2$"	50 m/150'	850	6	

Hi-Viz® Linear Reel

- Lightweight open reel is easy to handle and rewind.
- Line does not collect dirt in case.
- Hi-Viz® orange case
- 2-Sided tape, Metric/English (Feet)

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
FM030CME	Carded	13 mm/ 1/2“	30 m / 100‘	540	1
FM050CME	Carded	13 mm/ 1/2“	50 m / 164‘	790	1

Hi-Viz® Linear Reel

- Sturdy open case
- Long handle for fast and effortless rewinding.
- Hi-Viz® orange case
- 2-Sided tape, Metric/English (Feet)

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
FM100CME	Carded	13 mm/ 1/2“	100 m / 328‘	1520	1

Pro Series Fiberglass Tapes

- Interchangeable end hooks for user convenience
- Ring end hook snaps onto stake for 1-person measurements
- Standard folding end hook for general measuring needs
- Appraiser‘s hook attaches to oversized objects such as downspouts
- 3-to-1 rewind for fast blade retraction
- 3/4“ blade is more durable; large numbers are easy to read
- 2-sided blade, feet & inches on top, feet to 10ths and 100ths on bottom
- 62 fiberglass strands and double-pvc coating for durability and strength
- Cushion grips on handle and frame arms for comfort

NEW PRODUCT

Type / Code No.	Packed	Blade Size Width	Blade Size Length	Weight g	Shelf Pack
PSFE100	Carded	3/4“	100‘	1150	2
PSFE200	Carded	3/4“	200‘	1700	2
PSFE300	Carded	3/4“	300‘	2150	2
PSFM060CME	Carded	19 mm / 3/4“	60 m / 200‘	1700	2

Measuring Wheels

- Measuring wheel, dual foldable, up to 9999,9 mm
- Wheel diameter 160 mm, calibrated to counter
- Wheel brake and counter reset in handle
- Compact, foldable design
- Rubber molded handle
- Carry bag included
- Centimeters and Meters

Code No.	Description	Packed	Tool weight g	Shelf Pack
MW16MEU	Measuring Wheel, ø 160 mm / 6 $^{1}/_{8}$“	Boxed	1100	1

Measuring Wheels

- Measuring wheel, foldable, up to 9999,9 m
- Wheel diameter 318 mm, calibrated to counter
- Wheel brake and counter reset in handle
- Built-in kickstand
- Size folded 650 mm, extended 1059 mm
- Rubber molded handle
- Feet and inches

Code No.	Description	Packed	Tool weight g	Shelf Pack
PSMW38	Measuring Wheel, ø 318 mm / 12 $^{1}/_{2}$“	Carded	1600	2

Measuring Wheels

- Reset trigger in handle and counter
- Braking trigger in handle
- Patented hinge mechanism handle for storage, folded size 530 mm
- Full-cushion tire for improved traction
- 5 digit counter measures 10.000 m without resetting, 10 cm steps
- Built in kickstand wheel
- Large 305 mm wheel diameter provides more accurate measurements particularly on uneven terrain
- Comfortable handling, total length: 980 mm
- Centimeters and Meters

Code No.	Description	Packed	Tool weight g	Shelf Pack
MW30MEU	Measuring Wheel 305mm/12“	Boxed	1720	4

Notes

Files, Saws and Multi-Purpose Tools

Nicholson™

Nicholson™

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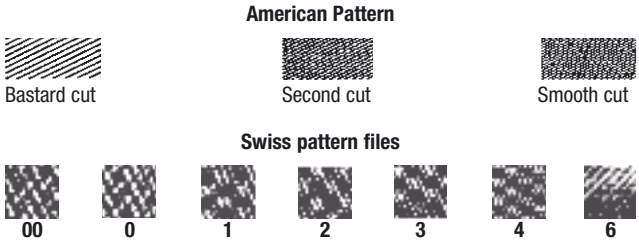
Safety Precautions

Always wear safety glasses.
Warn workers nearby to stay clear before you make each cut.

Nicholson™

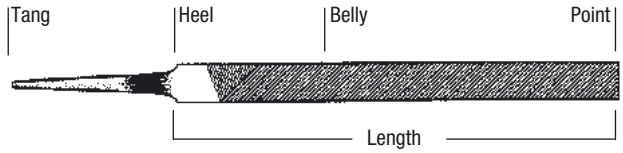
File Terminology

Coarseness



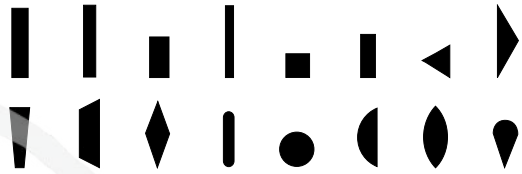
- Work to be accomplished, roughing or finishing, will determine type of teeth and coarseness for each application.
- Most American pattern files are available with 3 grades of cut: bastard-cut, second-cut and smooth-cut.
- Swiss pattern files are available in seven cuts: No. 00, 0,1, 2, 3, 4, and 6
- The degree of coarseness is greater in longer files, but differences between bastard, second and smooth are proportionate.

Length



- Length is measured exclusive of tang, from point to heel, unless specified otherwise.
- Desired stroke length, type of material and size will determine length required.

Shape



- Area to be filed will determine specific cross-section (round, square, flat, etc.) to be used.

Kinds of Teeth

Single-cut

- Single set of parallel, diagonal rows of teeth.
- Single-cut files are often used with light pressure to produce a smooth surface finish or to put a keen edge on knives, shears or saws.

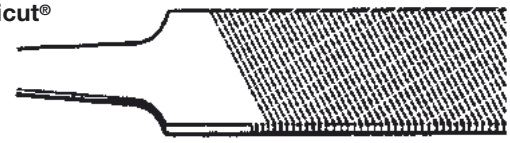
Rasp-cut

- Series of individual teeth which are formed by a single-pointed tool.
- Produces a rough cut that is used primarily on wood, hooves, aluminum and lead.

Double-cut

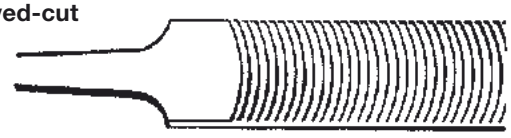
- 2 sets of diagonal rows of teeth.
- Second set of teeth cut in opposite diagonal direction and on top of the first set.
- First set of teeth is known as the overcut, second is known as upcut.
- Upcut is finer than overcut.
- Double-cut file is used with heavier pressure than the single-cut and removes material faster from the workpiece.

Magicut®



- Single cut teeth divided by angular serrations into shorter cutting edges, which free themselves readily from chips and perform roughing and smoothing at the same time.

Curved-cut



- Teeth arranged in curved contours across the file face.
- Curved-cut file is normally used in automotive body shops for smoothing body panels.

Files with Ergonomic Handles

- Rubber coating and rounded shape eliminates pressure points.
- Flared neck, raised ribs, and wide middle section keep your hand from slipping and provides maximum comfort and control.
- Rear taper allows your hand to lock securely around the handle, increasing push force.
- Hang-up hole for easy storage.

Length Inch	Length mm	Cut	Packed	Code No.	Weight g	Shelf Pack
HAND						
6	150	Bastard	Carded	**T0016100601**	104	6
6	150	2nd cut	Carded	**T0016100602**	104	6
6	150	Smooth	Carded	**T0016100603**	110	6
8	200	Bastard	Carded	**T0016100801**	140	6
8	200	2nd cut	Carded	**T0016100802**	140	6
8	200	Smooth	Carded	**T0016100803**	215	6
10	250	Bastard	Carded	**T0016101001**	350	6
10	250	2nd cut	Carded	**T0016101002**	350	6
10	250	Smooth	Carded	**T0016101003**	350	6
12	300	Bastard	Carded	**T0016101201**	520	6
12	300	2nd cut	Carded	**T0016101202**	530	6
12	300	Smooth	Carded	**T0016101203**	520	6
HAND MAGICUT						
8	200	Magicut	Carded	**T0016110800**	196	6
10	250	Magicut	Carded	**T0016111000**	344	6
HALFROUND						
6	150	Bastard	Carded	**T0016300601**	92	6
6	150	2nd cut	Carded	**T0016300602**	99	6
6	150	Smooth	Carded	**T0016300603**	98	6
8	200	Bastard	Carded	**T0016300801**	176	6
8	200	2nd cut	Carded	**T0016300802**	174	6
8	200	Smooth	Carded	**T0016300803**	169	6
10	250	Bastard	Carded	**T0016301001**	310	6
10	250	2nd cut	Carded	**T0016301002**	296	6
10	250	Smooth	Carded	**T0016301003**	318	6
12	300	Bastard	Carded	**T0016301201**	487	6
12	300	2nd cut	Carded	**T0016301202**	506	6
12	300	Smooth	Carded	**T0016301203**	505	6
ROUND						
6	150	Bastard	Carded	**T0016500601**	68	6
6	150	2nd cut	Carded	**T0016500602**	68	6
6	150	Smooth	Carded	**T0016500603**	94	6
8	200	Bastard	Carded	**T0016500801**	102	6
8	200	2nd cut	Carded	**T0016500802**	102	6
8	200	Smooth	Carded	**T0016500803**	101	6
10	250	Bastard	Carded	**T0016501001**	180	6
10	250	2nd cut	Carded	**T0016501002**	180	6
10	250	Smooth	Carded	**T0016501003**	198	6
12	300	Bastard	Carded	**T0016501201**	338	6
12	300	Smooth	Carded	**T0016501203**	335	6

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Files with Ergonomic Handles

Length Inch	Length mm	Cut	Packed	Code No.	Weight g	Shelf Pack
SQUARE						
6	150	Bastard	Carded	**T0016400601**	75	6
6	150	2nd cut	Carded	**T0016400602**	81	6
8	200	Bastard	Carded	**T0016400801**	112	6
8	200	2nd cut	Carded	**T0016400802**	120	6
8	200	Smooth	Carded	**T0016400803**	126	6
10	250	Bastard	Carded	**T0016401001**	230	6
10	250	2nd cut	Carded	**T0016401002**	218	6
10	250	Smooth	Carded	**T0016401003**	199	6
THREESQUARE						
6	150	Bastard	Carded	**T0016600601**	117	6
6	150	2nd cut	Carded	**T0016600602**	119	6
6	150	Smooth	Carded	**T0016600603**	125	6
8	200	Bastard	Carded	**T0016600801**	190	6
8	200	2nd cut	Carded	**T0016600802**	217	6
10	250	2nd cut	Carded	**T0016601002**	350	6
WARDING						
6	150	Bastard	Carded	**T0016900601**	80	6
6	150	2nd cut	Carded	**T0016900602**	65	6
MILL BLUNT 1 RE (1 Round Edge)						
6	150	2nd cut	Carded	**T0015170602**	82	6
8	200	2nd cut	Carded	**T0015170802**	144	6
10	250	2nd cut	Carded	**T0015171002**	290	6
12	300	2nd cut	Carded	**T0015171202**	434	6
MILL BLUNT 2 RE (2 Round Edges)						
8	200	2nd cut	Carded	**T0015180802**	144	6
SLIM TAPER						
6	150	Single cut	Carded	**T0015090600**	104	6
REGULAR TAPER						
6	150	Single cut	Carded	**T0015000600**	123	6
HANDY FILE						
8	200	Single and double cut	Carded	**T0017310800**	226	6
WOODCRAFT RASP						
8	200	Rasp and file cut	Carded	**T0017000800**	258	6
WOOD RASP HALFROUND						
8	200	Bastard	Carded	**T0017140801**	172	6
WOOD RASP ROUND						
8	200	Bastard	Carded	**T0017130800**	115	6
CABINET RASP REGULAR						
8	200	2nd cut	Carded	**T0017090801**	168	6
10	250	2nd cut	Carded	**T0017091001**	248	6
12	300	2nd cut	Carded	**T0017091201**	470	6
HANDLE ONLY						
with 5 inserts / adapters			Carded	**T0010000150**	90	6

Aluminium Files – Type "A" Flat

- Special tooth construction eliminates clogging when filing aluminum.
- Flat shape
- Double-cut
- All sizes have same number of teeth per inch.
- Smooth finish obtained by using shearing cut toward left.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
8	200	Boxed	**00024N**	1361	12

Chain Saw Files – Flat

- Used for cutter-raker type (2 round edges) chain saw.
- Rectangular shape

Type	Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
16	6	150	Boxed	**02115N**	767	12

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Chain Saw Files – Round Smooth

- Round shape
- Smooth-cut
- Boxed, 6 files/carton
- Carded files, 3 files on card
- Flow Pack, 3 files/pack

Length Inch	Length mm	Diameter Inch	Diameter mm	Type	Code No.	Packed	Weight per Shelf Pack g	Shelf Pack
6	150	1/8	3,20	**610**	**02144N**	Boxed	90	6
6	150	9/64	3,60	**615**	**01606N**	Boxed	110	6
6	150	5/32	4,00	**620**	**01611N**	Boxed	120	6
6	150	5/32	4,00	**620**	**01611B3**	Carded	260	4
8	200	5/32	4,00	**825**	**02228B**	Flow Pack	260	4
8	200	3/16	4,80	**83**	**02229B**	Carded	440	4
8	200	13/64	5,20	**832**	**01798N**	Boxed	210	6
8	200	7/32	5,60	**835**	**02230B**	Flow Pack	480	4
8	200	1/4	6,40	**84**	**02147N**	Boxed	260	6

Double Ender Files

- Triangular shape
- Sides and edges are single-cut from points to center giving full use of file.
- All files supplied with handles.
- Single-cut

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
6	150	Boxed	**02884M**	312	12
7	175	Boxed	**02905M**	369	12
8	200	Boxed	**02926M**	567	12

Farmer's Own Files

- General purpose file suited for agricultural use.
- Rectangular shape
- Single-cut
- Safe edges
- Length measured exclusive of handle.
- Convenient hang up hole

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
8	200	Boxed	**06649N**	2155	12
10	250	Boxed	**06668N**	4508	12

Flat Files

- Used by machinists, machinery builders, ship and engine builders, repairman and others who require rapid removal of metal.
- Rectangular in cross section and taper slightly towards point in width.
- Double-cut on sides, single-cut on edges.
- American pattern, available in bastard, second and smooth-cut.
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100		**03401N**	**03434N**	255	12
6	150	**03467N**	**03500N**	**03533N**	709	12
8	200	**03566N**	**03599N**	**03632N**	1701	12
10	250	**03665N**	**03698N**	**03731N**	3261	6
12	300	**03764N**	**03797N**	**03830N**	5103	6
14	350	**03863N**	**03896N**	**03929NN**	7541	6

Half Round Files

- Used on concave, convex and flat surfaces.
- Rounded on 1 side, flat on opposite.
- Backs of all half-round bastard files are double-cut.
- Backs of all half-round second-cut files longer than 6“ are double-cut.
- Backs of all 4 and 6“ files are single-cut.
- Backs of all half-round smooth files are single-cut.
- Flat sides of all half-round files are double-cut.
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100	**04695N**	**04729N**	**04762N**	284	12
6	150	**04795N**	**04828N**	**04861N**	709	12
8	200	**04896N**	**04927N**	**04960N**	1503	12
10	250	**04995N**	**05026N**	**05059N**	2750	6
12	300	**05094N**	**05125N**	**05158N**	4763	6
14	350	**05194N**	**05225N**	**05258N**	7371	6

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Knife Files

- Used primarily by tool and die makers with work having acute angles.
- Triangular shape
- Double-cut on sides, single-cut on sharp edge.
- Knife files are supplied with safe backs.
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100	**06711N**	**06742N**	**06773N**	170	12
6	150		**06836N**	**06867N**	539	12
8	200		**06930N**	**06961N**	1134	12
10	250	**06992N**	**07023N**	**07054N**	2098	12

Long Angle Lathe Files – Bastard

- Rapid, free cutting files designed for lathe filing.
- Rectangular shape
- Single-cut
- Safe edges to protect shoulder or dog.
- Made on flat blanks in bastard-cut.
- Cut faster than regular mill files and leave smoother finish.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
12	300	**07688N**	5103	6
14	350	**07719N**	7541	6

Long Angle Lathe Files – Fine

- Specially designed for finishing rapid stock removal on lathe work.
- Rectangular shape
- Safe edges
- Cut faster than regular mill files and leave smoother finish.
- Boxed

Length Inch	Length mm	Code No. Made in USA	Code No. Made in Brazil	Weight per doz. g	Shelf Pack
10	250	**T07842**		1730	6
12	300		**07851N**	2638	6
14	350	**07863N**		3998	6

Magicut® Files – Flat

- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Tapered point in width
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**07894N**	1701	12
10	250	**07917N**	3260	6
12	300	**07941N**	5103	6

Magicut® Files – Hand

- Used by machinists as all-purpose file to remove stock rapidly and to leave a smooth finish.
- Rectangular shape
- Parallel edges full length
- File features a pattern of narrow chip breakers created by steep and angled serrations for rapid removal and smoother finish.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**08173N**	1740	12
10	250	**08189N**	3360	6

Hand Files

- Rectangular shape
- Double-cut
- 1 safe edge
- Same coarseness as flat files of corresponding lengths.
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100	**05652N**	**05675N**	**05698N**	397	12
6	150	**05738N**	**05771N**	**05804N**	794	12
8	200	**05853N**	**05886N**	**05919N**	1758	12
10	250	**05968N**	**06001NN**	**06034N**	3402	6
12	300	**06084N**	**06117N**	**06150N**	7768	6
14	350	**06198N**			7836	6

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Mill Blunt Files

- Used for sharpening mill or circular saws.
- Also for draw-filing and finishing metals.
- Rectangular shape
- Single-cut on sides and edges.
- 1 or 2 round edges and parallel edges.
- Boxed

Length Inch	Length mm	Type Cut	Two Square Edges Code No.	One Round Edge Code No.	Two Round Edges Code No.	Weight per doz. g	Shelf Pack
8	200	Bastard	**09833N**			1320	12
10	250	Bastard	**09930N**			2640	12
8	200	2nd cut	**09834N**			1380	12
6	150	2nd cut		**10095N**		600	12
8	200	2nd cut		**10165**		1320	12
10	250	2nd cut		**10225N**		2580	12
12	300	2nd cut		**10260N**		4320	6
6	150	2nd cut			**10306N**	540	12
8	200	2nd cut			**10380N**	1320	12

Square Files

- Used on slots, keyways and general surface filing.
- Square shape
- Double-cut
- Tapered slightly towards point
- Larger sizes frequently preferred to corresponding flat files because of heavier section and 4 filing surfaces.
- Boxed

Length Inch	Length mm	Width Inch	Width mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100	5/32	4	**12790**	**12824**	**12857**	113	12
5	125	3/16	5	**12890**			240	12
6	150	1/4	6	**12967**	**13000N**	**13033**	482	12
8	200	5/16	8	**13081**	**13114**	**13147**	879	12
10	250	3/8	10	**13196N**	**13229**	**13262**	1758	12
12	300	1/2	13	**13310**	**13343**	**13376**	3799	6

Round Files

- Primarily used to file circular openings or concave surfaces.
- Round shape
- All 4, 5, 6, 8, 10, 12“ files are single-cut
- 14“ bastard file is double-cut
- Tapered slightly towards point
- Boxed

Length Inch	Length mm	Diameter Inch	Diameter mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weight per doz. g	Shelf Pack
4	100	1/8	3	**11526N**	**11559NN**	**11592NN**	113	12
5	125	3/16	5	**11637N**		**T0012500503**	255	12
6	150	1/4	6	**11716N**	**11748N**	**11781N**	397	12
8	200	5/16	8		**11936**	**11969**	624	12
10	250	3/8	10	**12019**	**12051**	**12084**	1446	12
12	300	1/2	13	**12134**	**12166**		3090	6
14	350	5/8	16	**12248**			5415	6

Taper (Triangular) Saw Files

Number of Saw Points	Files Recommended
5	7“/178 mm Taper Regular
5 1/2	7“/178 mm Taper Regular
6	7“/178 mm or 8“/200 mm Slim
7	6“/150 mm or 7“/178 mm Slim
8	6“/150 mm Slim
	7“/178 mm Extra Slim
	8“/200 mm Double Extra Slim
9	6“/150 mm Extra Slim
	7“/178 mm Double Extra Slim
10	5“/127 mm of 6“/150 mm Extra Slim
11	5“/127 mm Extra Slim
	6“/150 mm Double Extra Slim
12	5“/127 mm Extra Slim
13 and 14	5“/127 mm Double Extra Slim
15 and 16	4“/102 mm Double Extra Slim

- Made for filing saws with 60° angle teeth
- Triangular shape
- Single-cut
- Edges set and cut for filing gullets between saw teeth.
- In filing handsaws, it is important to select the right file.
- In general, the table lists suggested size and type of file that will give best results.

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Taper Files – Regular and Heavy

- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.
- Tapers slightly towards the point.

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
Regular				
3 1/2	88	**13710M**	180	12
4	100	**13727M**	311	12
4 1/2	113	**13750M**	425	12
5	125	**13772M**	567	12
6	150	**13807M**	907	12
7	175	**13841M**	1332	12
8	200	**13875M**	1956	12
10	250	**13930N**	3402	12
Heavy				
6	150	**14032M**	1520	12
7	175	**14048M**	1680	12
8	200	**14060M**	2400	12

Taper Files – Slim

- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
4	100	**14106M**	170	12
4 1/2	113	**14139M**	226	12
5	125	**14162M**	255	12
6	150	**14224M**	482	12
7	175	**14255M**	765	12
8	200	**14290M**	1191	12

Taper Files – Extra Slim

- Triangular shape
- Boxed
- Edges set and cut for filing gullets between saw teeth.

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
4	100	**14547M**	113	12
5	125	**14599M**	170	12
6	150	**14665M**	312	12
7	175	**14698N**	539	12
8	200	**14729N**	851	12

Taper Files – Double Extra Slim

- Triangular shape
- Boxed
- Edges set and cut for filing gullets between teeth.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
4	100	Boxed	**14942M**	82	12
5	125	Boxed	**14992M**	142	12

Taper Files – Bandsaw Regular and Heavy

- For filing and sharpening bandsaws.
- Triangular shape
- Edges set and cut for filing gullets between saw teeth.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
Regular				
6	150	**T0011010600**	900	12
7	175	**00648N**	1320	12
8	200	**00668N**	1920	12
Heavy				
8	200	**14065**	2360	12

Taper Files – Machine Bandsaw Blunt

- File is blunt over the whole body length.
- Triangular shape
- Edges set and cut for filing gullets between saw teeth.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8,5	210	**13899**	1980	12

Three Square Files

- For general use by machinists for filing internal angles more acute than right angles, clearing out square corners and filing taps and gutters.
- Triangular shape
- Double-cut
- Sharp corners are slightly set and cut.
- Cut to the point
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weightper doz. g	Shelf Pack
6	150	**15925N**	**15958N**	**15991N**	879	12
8	200	**16036N**	**16069N**	**16102N**	1928	12
10	250	**16147**	**16180N**	**16213N**	3402	12
12	300		**16291**		5216	6

Tungsten Point Files

- Designed for dressing distributor points that are tipped with tungsten, iridium and similar metals.
- Thin rectangular shape
- Double-cut
- 5 $^1/_4$“ overall
- Chisel tip of file enters slots or gaps easily.
- Approximate size $^5/_{16}$“ / 8 mm x 0,044“ / 1,10 mm.

Length Inch	Length mm	Packed	Code No.	Weight per doz. g	Shelf Pack
5 $^1/_4$	133	Boxed	**02373N**	1134	12

Warding Files

- Used primarily by locksmiths in repairing and filing ward notches in keys.
- Thin rectangular shape
- Double-cut on sides, single-cut on edges
- Also suited for use in narrow spaces where other files will not fit.

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Smooth Cut Code No.	Weightper doz. g	Shelf Pack
4	100	**16507N**	**16540N**	**16573N**	142	12
6	150	**16663N**	**16696N**	**16729N**	369	12
8	200	**16761N**	**16794N**		737	12

Cabinet Rasps

- Used by cabinetmakers and woodworkers.
- Half-round
- Single-cut on edges
- Curved side of rasps similar to half-round rasps but has larger radius.
- Boxed

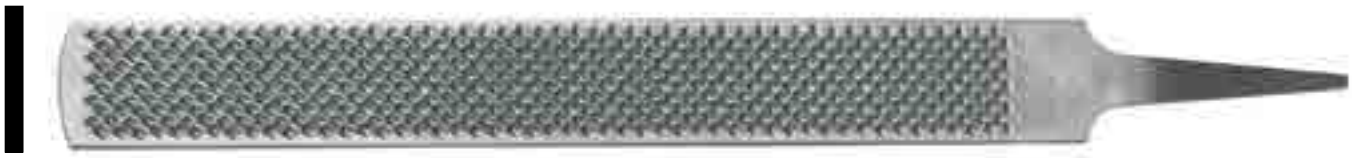
Length Inch	Length mm	Regular (Second Cut) Code No.	Weight per doz. g	Shelf Pack
8	200	**17615N**	1361	12
10	250	**17683N**	2466	6
12	300	**17751N**	4224	6

Horse Rasp – Plain 1/2 File

- Some farriers prefer this thin fine-toothed rasp for shoeing racetrack, riding horses and ponies.
- Plain horse rasps are double-ended with rasp teeth on 1 side, file teeth on opposite.
- Rectangular shape
- Boxed

Length Inch	Length mm	Type	Code No.	Weight per doz. g	Shelf Pack
14	350	Regular	**17903N**	8902	6

Horse Rasps – Tanged



- Rectangular shape
- Single-cut on edges
- Tanged
- Rasp teeth on 1 side, file teeth on opposite.
- Thicker than Plater's Special – ideal for hot asping.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
12	300	**18035N**	8165	6
14	350	**18057N**	12020	6

Farrier Rasp – Double Extra Thin

- Primarily for race track and other horses with light shoes.
- Both sides are safe $^{7}/_{8}$" / 22 mm at point.
- Rasp teeth on 1 side, file teeth on opposite.
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row).
- Rectangular shape
- Sharper than regular horse rasps.
- Double extra thin
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
14	350	**HR14N**	7428	6

Magicut® Plater's Special Horse Rasp

- Maximum cutting surface design gives rapid removal and smoother finish.
- Single-cut on edges
- Opposite side has Nicholson's® unique Magicut® file pattern of narrow chip breakers created by steep and angled serrations.
- Rectangular shape
- Tooth design is cut deeper to last longer and cut much faster than conventional horse rasps.
- Rasp cut is 6 teeth per row (other horse rasps have 5 teeth per row).
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
14	350	**18130N**	7144	6

Pattern Maker's Cabinet Rasp

- Used primarily by cabinetmakers.
- Half-round shape
- Narrow pattern, cut edges
- Used when smooth wood finish is required.
- Boxed

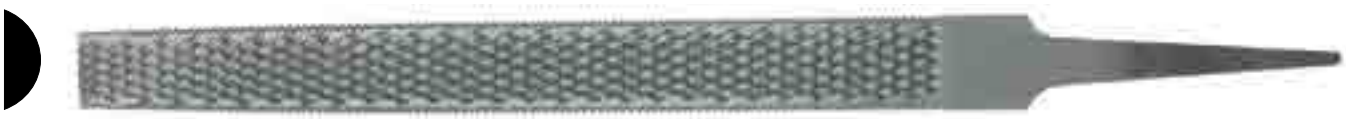
Length Inch	Length mm	Type	Cut	Code No.	Weight per doz. g	Shelf Pack
10	250	49	Second cut	**18846N**	1644	6

4-in-Hand® (Formerly Shoe Rasp)

- For the homeowner, home craftsman, boat builder and mechanic.
- Half-round shape
- Has file section and rasp section on both flat side and half-round side.
- Boxed

Length Inch	Length mm	Code No.	Weight per doz. g	Shelf Pack
8	200	**18924N**	1871	6

Wood Rasps – Half Round



- Used by woodworkers, hobbyists and plumbers.
- Half-round shape
- Single-cut file teeth on edge.
- For use on wood and soft metals.
- Boxed

Length Inch	Length mm	Bastard Cut Code No.	Second Cut Code No.	Weight per doz. g	Shelf Pack
8	200	**19394N**	**19575**	1559	12
10	250	**19427N**	**19593**	2948	6
12	300	**19460N**		4763	6

Wood Rasps Round Bastard

- Used for same purpose as regular wood rasps in places for which their shapes make them particularly effective.
- Round shape
- Bastard-cut
- Made from same size steel as round files.
- Boxed

Length Inch	Length mm	Diameter inch	Diameter mm	Code No.	Weight per doz. g	Shelf Pack
8	200	5/16	8	**19846**	624	12
10	250	3/8	10	**19875**	1474	12

Nicholson™ X.F® Files Swiss Pattern

- Made to more exacting measurements than American pattern files.
- Made in finer cuts, which vary from No. 00 (coarsest) to No. 6 (finest).
- Used by tool and die makers, jewelers, model makers and home craftsman.
- Recommended for those who do superfine precision filing.

Barrette Files

- Double-cut, wide flat sides
- Flat on 1 side, backs are beveled on edges as indicated by cross section.
- Back and beveled edges are safe.
- Included angle is 33°.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
4	100	**35031**	0	255	12

Nicholson™

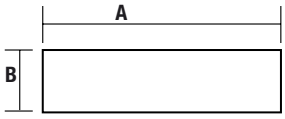
Half Round Files

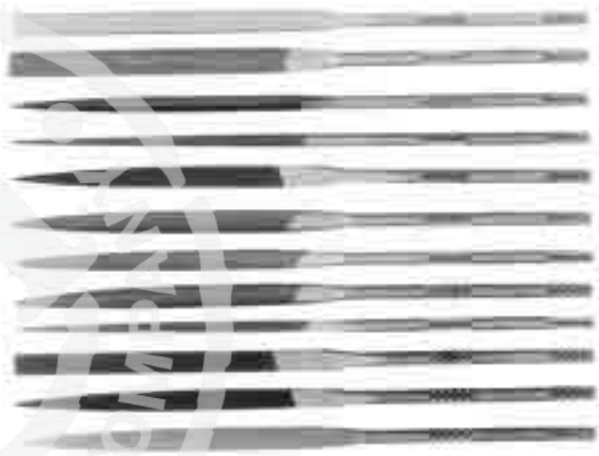
- Used by tool and die makers, jewelers, model makers and home craftsman.
- Half-round shape
- Double-cut on both flat and half-round sides.
- Taper in thickness and width to point.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**36533N**	2	539	12
6	150	**36545N**	4	539	12

Needle Files

- Used primarily by jewellers, die makers, watchmakers and fine toolmakers.
- With round, knurled handles.





Assortments of 12 Shapes Packed in Protective Pouch

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
4	100	**T0014470402**	2	116	1
5 1/2	140	**T0014470552**	2	138	1
6 1/4	160	**T0014470600**	0	148	1
6 1/4	160	**T0014470602**	2	150	1

	Length mm	A x B mm
Pillar	100	3,5 x 0,9
	140	4,8 x 1,1
	160	5,4 x 1,2
Halfround	100	3,8 x 1,1
	140	5,1 x 1,5
	160	5,6 x 1,7
Crossing	100	3,5 x 1,4
	140	4,4 x 1,8
	160	5,1 x 2,0

	Length mm	A x B mm
Knife	100	4,0 x 1,1
	140	5,0 x 1,4
	160	5,4 x 1,5
Hand	100	3,4 x 0,9
	140	4,8 x 1,1
	160	5,4 x 1,2
Threesquare	100	2,8
	140	3,5
	160	3,8

	Length mm	A x B mm
Square	100	1,7
	140	2,2
	160	2,4
Round	100	2,1
	140	2,8
	160	2,9
Barrette	100	3,7 x 1,4
	140	4,7 x 1,7
	160	5,1 x 1,8

	Length mm	A x B mm
Slitting	100	4,6 x 1,6
	140	5,5 x 1,9
	160	6,1 x 2,1
Joint File round edges	100	3,8 x 1,0
	140	4,8 x 1,2
	160	5,4 x 1,3
Halfround, cut on back only	100	3,8 x 1,2
	140	5,1 x 1,5
	160	5,6 x 1,8

Assortments of 6 Shapes Packed in Protective Plastic Pouch

Length Inch	Length mm	Code No.	Cut No.	Weight g	Shelf Pack
6 1/4	160	**T0014471602**	2	65	1

Pillar	
Halfround	
Hand	
Threesquare	
Square	
Round	

Needle Files

8 Individual Shapes, 12 Files in a Box

Shape	Length Inch	Length mm	Code No.	Cut No.	Weight g	Shelf Pack
Pillar	6 1/4	160	**T0014210600**	0	108	12
	6 1/4	160	**T0014210602**	2	96	12
Hand	6 1/4	160	**T0014220600**	0	108	12
	6 1/4	160	**T0014220602**	2	96	12
Halfround	6 1/4	160	**T0014230600**	0	108	12
	6 1/4	160	**T0014230602**	2	108	12
Threesquare	6 1/4	160	**T0014240600**	0	96	12
	6 1/4	160	**T0014240602**	2	96	12
Square	6 1/4	160	**T0014250600**	0	84	12
	6 1/4	160	**T0014250602**	2	84	12
Round	6 1/4	160	**T0014260600**	0	84	12
	6 1/4	160	**T0014260602**	2	84	12
Knife	6 1/4	160	**T0014270600**	0	96	12
	6 1/4	160	**T0014270602**	2	96	12
Crossing	6 1/4	160	**T0014280600**	0	120	12
	6 1/4	160	**T0014280602**	2	120	12

Pillar Files

- Rectangular in shape
- Double-cut on 2 sides only
- Safe edges
- Tapered in thickness
- Similar in shape to hand files but only 2/3 as wide.
- Boxed

Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**39911N**	2	737	12
6	150	**39923N**	4	737	12
8	200	**39935N**	0	1588	6
8	200	**39947N**	2	1588	6

Pillar Narrow Files

- Rectangular shape
- Narrow
- Double-cut on 2 sides only
- Safe edges
- Similar to pillar files but are narrower for their length.
- Boxed

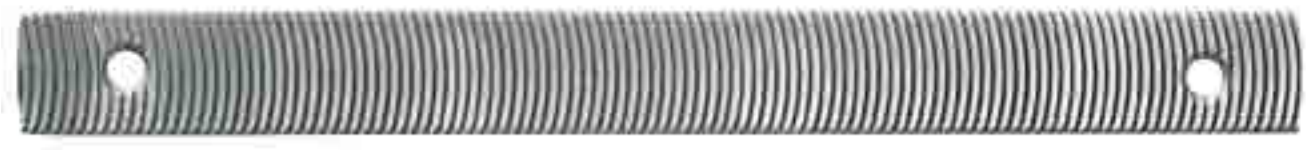
Length Inch	Length mm	Code No.	Cut No.	Weight per doz. g	Shelf Pack
6	150	**40088N**	2	567	12

Nicholson™

Nicholson™ Curved Tooth Files

- Made on specially designed and improved Nicholson™ machinery.
- Fitted for smooth, rapid work on cast iron, bronze, lead, babbit, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Superior® milled tooth files.

Flexible Files (Without Tang)



- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
12	300	20138N	10/Standard	2495	6
14	350	20205N	12/Fine	3204	6

Milled Tooth Bodifiles

- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

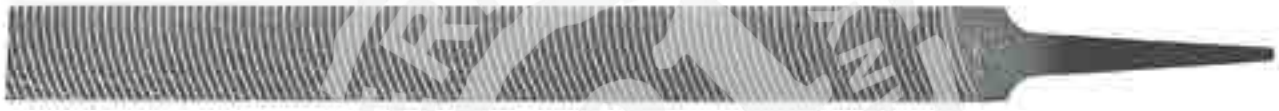
Length Inch	Length mm	Code No.	Type	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
14	350	20189N	50-908	8/Standard	3204	6

Flat Files – Rigid Type (With Tang)

- Ideal for smooth, rapid work on cast iron, bronze, lead, babbitt, aluminum, zinc, plastics and any steel up to the hardness of annealed tool steel.
- Rectangular shape
- Curved-cut
- Rigid type with tang
- Pitch and rake designed to avoid pinning and to provide smoothest finish.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
12	300	**20342N**	10/Standard	4224	6
14	350	**20393N**	8/Standard	6747	6

Super Shear®



- A double purpose milled curved tooth file – different and exclusive with Nicholson™.
- Rectangular shape
- Curved-cut
- Teeth cut in an off center arc to permit fast cutting.
- Wide industrial usage on flat and convex surfaces of aluminum, brass, babbitt, bronze, copper, magnesium, iron, annealed steel, soft metal alloys, plastics, hard rubber and hardwood.
- Smooths as it roughs.
- Boxed

Length Inch	Length mm	Code No.	No. of Teeth Per Inch/Cut	Weight per doz. g	Shelf Pack
10	250	**21067N**	12/Standard	2665	6
12	300	**21118N**	10/Standard	4224	6

Nicholson™

Adjustable Flexible File Holder No. 25

- For curved tooth files without tang.
- Can be used with either 12“ or 14“ files.
- Easily adjusted for curving file outward or inward.
- Boxed

No.	Code No.	Weight per doz. g	Shelf Pack
25	**21272N**	907	1

Ergonomic File Handle

- 5 Interchangeable cushion inserts are designed to fit most popular files.
- Rubber-coated ergonomic shape for better comfort and control.
- Rear taper, wide middle and flared neck increases push force.
- Bagged

Code No.	Description	Weight per Shelf Pack g	Shelf Pack
T0010000150	Ergonomic File handle and inserts	350	6

File Handles – Plastic

- Handle made of strong high-impact material, contoured to fit hand for straight, lathe and draw filing.
- Non-slip textured finish for easier grip.
- Bulk packed
- Suitable for file:
  No. 1: 6“ files, 8“ round and square
  No. 2: 8“ and 10“ files, 6“ threesquare and regular taper
  No. 3: 12“ files

Type	Code No.	Description	Weight g	Shelf Pack
No. 1	**T0010000116**	File handle with insert	25	50
No. 2	**T0010000118**	File handle with insert	32	50
No. 3	**T0010000120**	File handle with insert	50	50

Wooden File Handles – Metal Ferruled

- Made from close grain hardwood with strong nickel-plated metal ferrules.
- Varnished finish
- Bulk packed

Length mm	Diameter mm	Code No.	For File Length Inch	For File Length mm	Weight g	Shelf Pack
110	12	**T0010000012**	4	100	56	1
111	14	**T0010000014**	5	125	60	1
113	16	**T0010000016**	6	150	64	1
117	18	**T0010000018**	7	175	68	1
120	20	**T0010000020**	8	200	72	1
134	22	**T0010000022**	9	225	76	1
134	24	**T0010000024**	10	250	80	1
140	26	**T0010000026**	12	300	84	1
160	28	**T0010000028**	14	350	88	1

5 Piece Ergonomic File Set

- Assortment of machinist's files.
- With ergonomic, co-molded handle.
- Consist of Square, Round, Halfround, Hand and Threesquare.

Type	Length Inch	Length mm	Cut	Code No.	Weight g	Shelf Pack
NFK1	8	200	2nd cut	**T0012990800**	750	6
NFK2	10	250	2nd cut	**T0012991000**	930	6

Hobby Files

- Assortment of 6 miniature files with fine cut for intricate work.
- Consist of:
  Equaling, Half Round, Flat, Round, Square, and Threesquare
- Handy vinyl case vacuum packed on hang up card.
- Ideal for handycrafts and hobbies.

Length Inch	Length mm	Description	Code No.	Weight per Shelf Pack g	Shelf Pack
5 1/2	140	Assorted	**42030**	340	3

Nicholson™

4“/100 mm File Assortment

- With wooden handle
- Six files in metal box or in plastic pouch.
- Consist of:
  Hand, Warding, Half Round, Square, Round and Slim Taper

Length Inch	Length mm	Packed	Cut	Code No.	Weight g	Shelf Pack
4	100	Metal Box	Bastard	**T0012991410**	150	1
4	100	Plastic Pouch	Bastard	**T0012991411**	110	1
4	100	Metal Box	2nd cut	**T0012991420**	150	1
4	100	Plastic Pouch	2nd cut	**T0012991422**	110	1
4	100	Metal Box	Smooth	**T0012991430**	150	1
4	100	Plastic Pouch	Smooth	**T0012991433**	110	1

MultiMax Pro

- 14 tools in one
- All stainless steel components
- Adjustable / replaceable tool components
- Blades open up from closed handles.
- Tool comes with nylon pouch that can be used in vertical or horizontal position on belt.
- 14 tools included:
  - Needle-Nose / Regular Pliers
  - Wire Cutter
  - 2 Slotted Screwdrivers
  - Phillips® Screwdriver
  - Drop Point Blade
  - Serrated Edge Blade
  - Metric / English Ruler (measures up to 8"/20 cm)
  - Lanyard Ring
  - Can / Bottle Opener
  - Metal / Wood File
- Packed in coloured box

Type	Code No.	Description	Length when closed Inch	Length when closed mm	Width when closed Inch	Width when closed mm	Weight g	Shelf Pack
NMP12	T0010020265	MultiMax Pro	4	100	1 3/16	30	240	6

MultiMax Pro XL

- 15 tools in one
- All stainless steel components
- Adjustable / replaceable tool components
- Blades open up from closed handles.
- Tool comes with nylon pouch that can be used in vertical or horizontal position on belt.
- 15 tools included:
  - Large Pliers Head
  - Wire Cutter
  - Wire Crimper
  - Serrated Drop Point Blade
  - 3 Slotted Screwdrivers (small, medium, large)
  - Phillips® Screwdriver
  - Can / Bottle Opener
  - Lanyard Ring
  - Metal / Wood File
  - Metric / English Ruler
  - Saw
  - Awl
- Packed in coloured box

Type	Code No.	Description	Length when closed Inch	Length when closed mm	Width when closed Inch	Width when closed mm	Weight g	Shelf Pack
NMP15	T0010020268	MultiMax Pro XL	4 1/2	113	1 3/8	35	270	6

Nicholson™

High Tension Hacksaw Frame

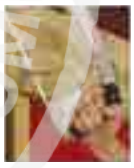
- Quick changing blades.
- Adjustable crank handle for tension up to 30.000 PSI torque and micro-adjustment.
- Spare blades can be stored inside frame.
- Blade can be positioned for 45° or 90° cutting.
- End of frame can be used as a jab saw.

Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80956	High Tension Adjustable	12	300	903	1

4-in-1 Hacksaw Frame with Cushion Grip

- 4-in-1Hacksaw Frame comes complete with Bi-Metaloy® 18-tooth 12-inch hacksaw blade with High Speed Steel edge and 8“ x $^3/_4$“ x 0.035“ High Speed Steel Bi-Metal reciprocal saw blade.
- Visible blade storage holds either standard hacksaw blade or reciprocal saw blade.
- Cast aluminum construction for durability and light weight.
- Co-molded cushion grips at both ends of the saw add comfort and reduce slippage for better control.

1. General Use



2. Angle 45°

3. Low Profile

4. Jab Saw

Code No.	Type	Blade Inch	Blade mm	Weight g	Shelf Pack
80975EU	4-in-1, High Tension	12	300	1133	4

General Purpose Hacksaw Frame

- Instantly adjustable for 10“/250 mm to 12“/300 mm blades.
- Adjusts 90° for vertical or horizontal cuts.

Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80951	Adjustable	10 and 12	250 and 300	4196	10

Economy Hacksaw Frame

- Adjustable from 10“/250 mm to 12“/300 mm.
- Cuts to 2,75“/70 mm in depth.
- For DIY and home use.

Code No.	Type	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80950	Adjustable	10 and 12	250 and 300	4196	10

Little-Nic® Utility Hacksaw

- For professionals and homeowners.
- Ergonomic cushioned handle.
- Gets into small places, makes difficult cutting jobs easy.
- Overall length 10“/254 mm, will fit into any tool box.
- Uses any standard size hacksaw blade.
- Blister packed on attractive card with suggested uses on back.

Code No.	Packed	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80968	Carded	10	250	652	6

Jab Saw

- Special saw always needed for the difficult jobs: those narrow, hard-to-reach areas.
- Jab saw will work with any standard size hacksaw blade.
- Can replace worn blade easily: Untighten adjusting saw, remove worn blade and replace with a new Nicholson™ blade, re-tighten the adjusting screw.
- A must for all tool boxes.

Code No.	Packed	Blade Inch	Blade mm	Weight per Shelf Pack g	Shelf Pack
80969	Carded	10	250	1701	12

Nicholson™

Bi-Metaloy® Hand Hacksaw Blades

- Molybdenum alloy tool steel edge.
- Tough flexible high carbon steel backing.
- Lasts twice as long as high-speed steel.
- Lasts up to ten times longer than carbon steel.
- Operates 20% to 50% faster.
- High tooth hardness and shock resistance.
- Boxed: 100 blades per box.

Type	Set Type	Code No.	Length Inch	Length mm	Teeth Per Inch	Width Inch	Width mm	Gauge Inch	Gauge mm	Weight per 100 Boxed kg
NF1218	Wavy	**62723**	12	304	18	1/2	12,70	0,025	0,65	2,050
NF1224	Wavy	**62749**	12	304	24	1/2	12,70	0,025	0,65	2,050
NF1232	Wavy	**62776**	12	304	32	1/2	12,70	0,025	0,65	2,050

Flexible High Speed Steel

- Flexible high speed steel.
- Tempered to provide hard edge with flexible back.
- Specially hardened to induce toughness.
- Economy blade for sawing light to medium-hard materials.
- A good balance of wear resistance and mechanical shock absorbing properties.
- Boxed: 100 blades per box.

Type	Set Type	Code No.	Length Inch	Length mm	Teeth Per Inch	Width Inch	Width mm	Gauge Inch	Gauge mm	Weight per 100 Boxed kg
NM1812	Wavy	**63400**	12	304	18	1/2	12,70	0,025	0,65	2,050
NM2412	Wavy	**63401**	12	304	24	1/2	12,70	0,025	0,65	2,050

Hand Hacksaw Blade – Care and Servicing

Blade Breakage

1. Lack of tension. Tighten until taut.
2. Too much tension. Loosen slightly.
3. Cutting in awkward position. Use flexible type blades.
4. Jamming in cut. Hold work securely – stock should fall free after cut. In soft material teeth may be binding because they are too fine.

Pinhole Breakage

1. Too much tension. Loosen slightly.
2. Worn pins causing pressure on eyeholes. Replace pins.

Rounded Teeth – Premature Wear

1. Blade not cutting. Use slower stroke and apply heavier feed.
2. Dragging on return stroke. Lift saw.
3. Material too hard. Select proper blade.

Crooked Cutting

1. Too much pressure. Reduce feed.
2. Blade out of alignment. Check frame and blade tension.
3. Blade worn out. Replace.

Tooth Breakage

1. Teeth too coarse. Keep three teeth in the work.
2. Too much feed, teeth loading. Ease feed pressure.
3. Teeth too fine, clogging. Change to coarser tooth.
4. Starting cut on sharp corner. Reposition work.

General Tooth Recommendations

18 Tooth: For general shop use, when same blade is used on several jobs.

24 Tooth: For cross section $^1/_{16}$"/1,58 mm – $^1/_4$"/6,35 mm such as pipe, angles, small drill rod.

32 Tooth: To cut stock up to $^1/_{16}$"/1,58 mm such as light tubing, sheet metal, BX.

At least three teeth should be in contact with the work at all times.

Choose the Right Number of Teeth Per Inch

The sketches below (figure 1) show how coarseness of teeth affects blade efficiency. Speed varies according to material being cut and saw blade coarseness.

Starting the Cut

If possible, avoid starting cut on a sharp corner. When unavoidable, begin with light pressure and use a steady forward stroke. As many teeth as possible should be in contact with the cutting area and at least three teeth must be engaged. Note cutting angles shown below (figure 2).

Fig. 1

Right Wrong

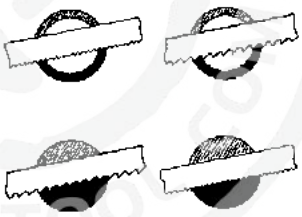
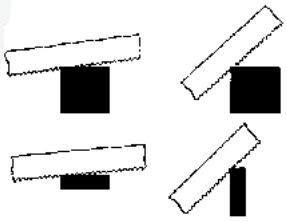


Fig. 2

Right Wrong



Hammers

Plumb®

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Safety tips

Hand tools are made in various types and sizes, degrees of hardness and different configurations for specific purpo ses. They should be carefully selected and used only for their intended purpose. Proper use of most types involves certain basic rules:

- Protect your eyes – always wear safety goggles.
- Strike squarely – avoid glancing blows.
- Always use a tool of suitable size and weight for the job.
- The striking face of a hammer should be approximately $^{3}/_{8}$“ larger in diameter than the struck face of a chisel, punch, etc.
- Replace immediately upon chipping or mushrooming of the face.
- Never use a tool with a loose or damaged handle.
- Never use a grinding wheel for redressing a cutting edge or a striking face, use a file or whetstone and redress to original shape and contour.
- Never use a hammer, maul, or axe to strike another hammer, maul or axe.
- Never use a tool with a dull cutting edge.

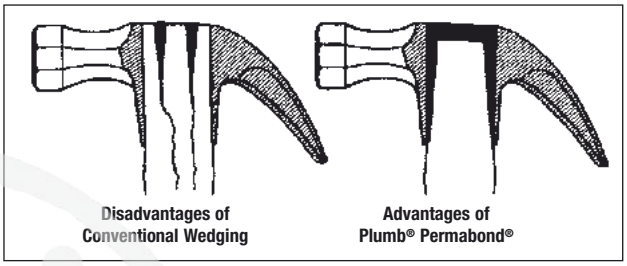
Quality Striking Tools

Since 1856 the quality of Plumb® tools has been recognized and preferred by tool users throughout the world. The special analysis steel used to make Plumb® tools is forged to close tolerance and heat treated to build in the toughness necessary to withstand impact. Extra care is then taken in hardening and tempering to make each part of the tool ready for the specific job it has to do.

You can be sure Plumb® tools have the toughness, durability and keenness to do the job. Plumb® tools are engineered for balance and exacting care is taken to assure the head is "hung" on the handle at the right angle. This built-in balance gives Plumb® tools extra driving power. They swing easy – hit hard.

Permabond® Chemical Bonding Process

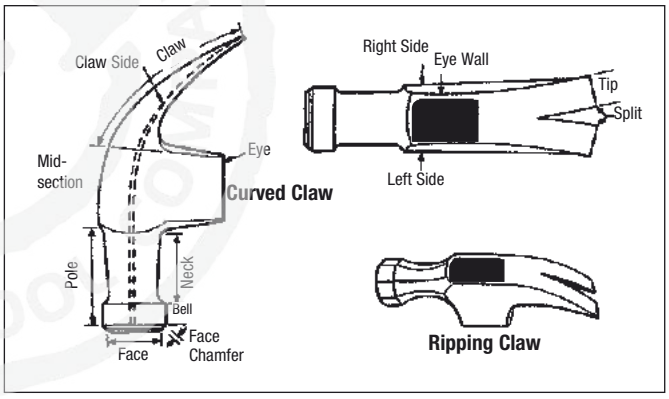
Permabond® is a red-colored chemical weld used in Plumb® tool eyes to join head and handle together. Chemical bonding process replaces conventional wedging which splits wood, allowing moisture to swell and shrink the handle and eventually loosen the head. Permabond® chemical bonding process seals moisture out, forming a bond so tight it takes approximately 2 tons of pressure to pull it apart. Permabond® chemical bonding process is used on all nail hammers, except onepiece hammers, and is a visible plus with homeowners and tradesmen.



Nail Hammers

- Face radius and chamfer are designed to provide a hard striking face.
- Mid-section is resilient, yet extra strong.
- Claws are tough, sturdy; edges are beveled, with uniform taper and bite.
- With proper use, safety is enhanced by the double tempering process for the striking face and claw.

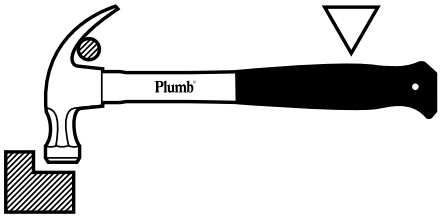
Nail hammers are made in two patterns; curved claw and straight or ripping claw. The face is slightly crowned with the edges beveled, although certain heavy-duty patterns may have checkered faces designed to reduce glancing blows and flying nails. Handles may be wood, solid steel, or fiberglass. Solid steel and fiberglass are generally furnished with rubber-type grips.

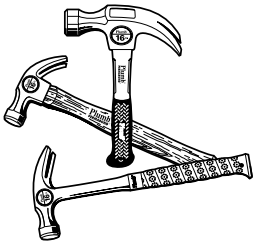


Handles

Plumb® developed and introduced the fiberglass handle in 1955. It can't rust, rot or corrode, and despite its light weight, it has astonishing strength. Plumb® introduced a new jacketed fiberglass and nylon handle in 1997. Tests on a Tinius-Olsen testing machine have shown that with more than 450 lbs of applied load, a Plumb® fiberglass handle won't break. With its smart looking and resilient cushion grip fitted to its fiberglass handle, this line has the look of a winner.

Schematic diagram of flexural strength test. Note that load is applied to tool handle in the same manner as it would be applied by user in withdrawing a nail.





Nail Hammer Warning

Warning – Wear Safety Goggles – User and Bystander

Nail hammers are designed for driving and pulling common, unhardened nails only, and for ripping apart wooden structures. Never strike one hammer with or against another hammer or other hardened objects as the face may chip, possibly resulting in eye or other serious injury. Replace any tool immediately upon chipping, mushrooming or other damage.

Premium Curved Claw

- High-luster, full-polished finish.
- Octagon-shaped neck.
- Virtually unbreakable fiberglass handle: solid fiberglass core covered with a molded nylon jacket to resist breakage due to overstrike.
- Contoured handle for increased comfort and reduced fatigue.
- Enlarged handle base for butting material.
- New grip material reduces handle slickness.
- Factory balanced for maximum striking power.
- Permabond® construction between head and handle.

Code No.	Head Weight oz	Head Weight kg	Overall Length Inch	Overall Length mm	Weight g	Shelf Pack	Face
11400N	20	0,567	13	330	830	4	Polished
11402N	16	0,454	13	330	740	4	Polished

Solid Steel Anti-shock Premium Curved Claw

- Patent Pending anti-vibration shock absorbing technology.
- Anti-vibration feature absorbs shock and minimizes muscle fatigue.
- 1-Piece forged solid steel construction.
- Co-molded contoured handle for increased comfort and control.
- High-luster, full polished finish.
- With magnetic nail starter

Code No.	Head Weight oz	Head Weight kg	Overall Length Inch	Overall Length mm	Weight g	Shelf Pack	Face
SS16CN	16	0,454	12,875	327	840	4	Polished
SS20CN	20	0,567	13,750	349	810	4	Polished

Fiberglass Brick Hammers

- Forged head
- Polished face, chamfer, bit, back and sides.
- Fiberglass handle with comfortable cushion grip.
- Permabond® construction between head and handle.
- 11/8“ (29 mm) – wide bit on 24 oz. (680 mm).

Code No.	Head Weight oz	Head Weight kg	Overall Length Inch	Overall Length mm	Product Weight lb	Product Weight g	Shelf Pack
T11421	24	0,680	13	330	2,15	970	4

Fiberglass Handled Prospecting Hammer

- Forged head
- Polished face, chamfer and Back
- Fiberglass handle with comfortable cushion grip.
- Permabond® construction between head and handle.
- Known as the ”Rock Hound“ Hammer

Cat. No.	Head Weight oz	Head Weight kg	Overall Length in	Overall Length mm	Product Weight lb	Product Weight g	Shelf Pack
11423	16	0,450	12.5	318	1.70	765	6

Hickory Ball Pein Hammers

- Ground, Black head
- Polished Poles and Peins
- Quality Hickory Handle
- Permabond® construction between head and handle.
- Meets or exceeds ASME B173.2 and US Federal Spec. GGG-H-86C

Cat. No.	Head Weight oz	Head Weight kg	Overall Length in	Overall Length mm	Product Weight lb	Product Weight g	Shelf Pack
11497	12	0,340	11.25	285	0.90	400	6

Notes

Bolt, Cable & Strap Cutters and Demolition Tools

HKP

H.K.Porter® Table of Contents

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Tips to Easier, Safer Cutting

a. When heavy cutting is involved, it is less strenuous to hold one handle of the tool on the ground using foot pressure. This permits the cutting force to be applied to the upper handle, makes the cutting position less awkward, and utilizes body weight. This allows more power to be transferred tothe cutting edges.
b. Use the correct cutting tool for the type, size, and hardness of the metal to be cut.
c. Keep cutter jaws at right angles to piece being cut. Cutting diagonally may twist jaws.
d. Do not twist or pry with tool while cutting.
e. Do not exceed the full cut on a material whose hardness is unknown. Test hardness with slow pressure to see if material is being cut. The size of the metal you are cutting is not as important as its hardness.
f. Do not exceed the cutter capacity that is marked on the jaw of the tool or its rating capacity in this catalog.
g. Keep jaw bolts tight and joints oiled at all times.
h. Maintain the original jaw bevel angles when sharpening out of line or chip cutting edges.

Safety Do's and Dont's

Wear your gloves and safety glasses at all times!

Do wear safety shoes.
Do remove oil or grease from your hands, from tools and from the floor and area where you will be working.
Do remember that metal flies when cut. The harder the metal, the farther it will fly.
Do warn those in the area when you intend to use a cutter and protect your fellow workers from flying metal.
Do use all tools as recommended.
Don't attempt to use a cutting tool, hand or power, until you fully understand its use.
Don't forget that metals may fly and cause injury.
Don't use cutters for any application except those listed in this catalog.
Don't use H.K.Porter® cutters on energized circuits, wire, or cable.

Safety Precautions

DANGER

Indicates a high probability that death, severe bodily injury or major property damage could result.

WARNING

Is serious but less inevitable. There is some probability that death, severe bodily injury or property damage could result.

CAUTION

Is less serious but still demands attention. Indicates a hazard which may result in minor injury or property damage.

Hard metals may snap off or fly through the air when cut. Always wear safety glasses and warn workers nearby to prevent them from being injured from flying metal. To prevent injury from flying metal, take precautions such as wrapping a cloth or rag around the cutting jaws so metal pieces can not fly.

The "Safety Alert Symbol" is used to call attention to instructions concerning personal safety. Watch for this symbol, it points out important safety precautions. It means: "ATTENTION! Stay alert, personal safety may be in danger!" Read the message that follows this symbol and be alert to the possibility of personal injury or death resulting from misuse.

The use of any industrial tool may present hazards which can result in serious injury or death. The H.K.Porter® tools listed in this catalog are not exceptions to this rule.

READ AND UNDERSTAND ALL DIRECTIONS BEFORE OPERATING ANY H.K.PORTER® MANUAL OR PNEUMATIC TOOL.

Cutter Selection

BARS, FLAT	CABLE, PRESTRESSED	NUT SPLITTING	WIRE, FENCE
BARS, ROUND	CABLE, RUBBER COVERED	PADLOCK HASPS	WIRE, GUY
BARS, SQUARE	CABLE, SOFT, LARGE	PIPE, PVC	WIRE, HOT
BOLTS, RODS, SCREWS, RIVETS	CABLE, STEEL	PLASTIC, FIBER	WIRE, COPPER
CABLE (ACAR)	CHAIN	ROD REINFORCING	WIRE, MESH
CABLE (ACSR)	CHAIN, HARD ALLOY	ROD STRAIGHTENER	WIRE ROPE
CABLE, ALUMINUM	EHS GUY STRAND	STRAPPING STEEL	WIRE SHELVING
CABLE COMMUNICATIONS	METALS, HARD	TIRE CHAINS	WIRE, SOLID
CABLE, COPPER	METALS, MEDIUM HARD	TRUCK TIRE BEADS	WIRE, SPRING
CABLE, LEAD COVERED	METALS, SOFT	WIRE, BOX BINDING	WIRE, STAINLESS STEEL
CABLE, POWER	NAILS, COTTER PINS	WIRE, ELECTRIC	WROUGHT IRON

1. **What is the material to be cut?**
   (See above chart)
2. **What size is the material to be cut?**
   Capacities of all hand-operated cutters are shown opposite each catalog listing. Power tool capacities are shown in the Power Tool Selector chart. Do not exceed listed capacities.
3. **How hard is the material to be cut?**
   Many of the materials illustrated in the chart above are made in varying degrees of hardness. The maximum hardness ratings that each hand and power tool is designed to cut are shown under each tool in this catalog.
   Extra Hard Metals:
   Up to Brinell 455 / Rockwell C48
   Hard Metals:
   Up to Brinell 400 / Rockwell C42
   Medium Hard Metals:
   Up to Brinell 300 / Rockwell C31
   Soft Metals:
   Up to Brinell 200 / Rockwell C15
4. **Will numerous or few cuts be made in a day?**
   The frequency of cuts to be made should be taken into consideration when choosing a cutter. HKP manufacturers inexpensive hand cutters for light-duty work, heavy-duty cutters for tougher jobs, and hydraulic and pneumatic cutters for extremely hard materials and production cutting.
5. **Is speed a factor in the cutting?**
   Choose the proper cutter to fit the job requirements, whether an occasional cut is called for or fast, continuous, industrial production cutting.

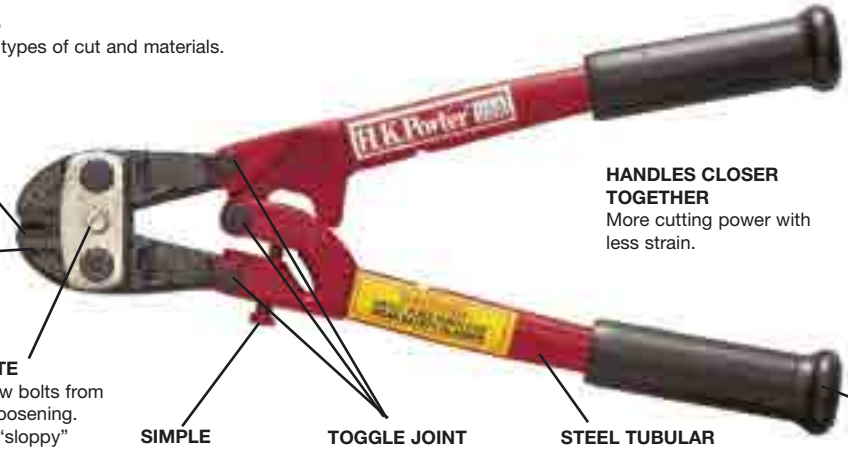
Still not sure?
Send material samples to:

Apex Tool Group B.V.
Phileas Foggstraat 16
7821 AK Emmen, The Netherlands
Attn: HKP Test Material

Note: Provide answers to as many of the questions as possible.

WARNING
- Always wear safety glasses/goggles when cutting.
- Cut in a safe area; consider the safety of others in the immediate area.
- The harder the material being cut, the likelier it is to become airborn during cutting.
- Use tools correctly! (Refer to "Engineering Information" section of this catalog)
- Use the correct tool for the work being performed.
- Maintain tools, power supplies, and hoses in safe working condition.

Quality Features of H.K.Porter® Cutters



PRECISION CUTTING EDGES
Accurately beveled for specific types of cut and materials.

CUTTING JAWS
Alloy tool steel, drop forged, precision ground for maximum wear resistance and longer cutting life.

LOCKPLATE
Prevents jaw bolts from turning or loosening. Eliminates "sloppy" head, insures trouble-free operation.

SIMPLE ADJUSTMENT
One adjustment realigns cutting edges properly.

TOGGLE JOINT
Transforms 50 pounds of hand pressure on handles to 4,000 pounds pressure on cutting edges of jaws.

STEEL TUBULAR HANDLES
Greater strength, lighter weight.

HANDLES CLOSER TOGETHER
More cutting power with less strain.

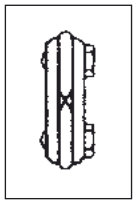
RUBBER GRIPS
Easy on the hands. Firmer grip for user safety.

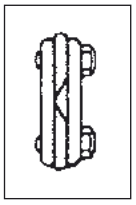
Jaw Designs

There are four basic jaw designs. They are engineered to give long, trouble-free life and the most efficient cutting of the materials which they are designed to cut.

1 ANGULAR JAWS
30° offset jaws have clipper-cut blades, designed for cutting close or flush to a surface. Cuts soft or medium-hard material.

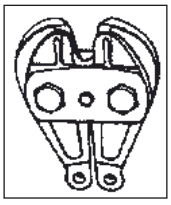
2 ALL-PURPOSE JAWS
Can have center- or clipper-cut blades used for broad cutting applications.

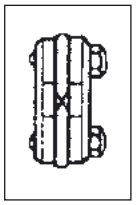




3 SHORT-NOSED JAWS
Center-cut, carbide-tipped blades for cutting hard- and non-alloy chains and padlock hasps.

4 HEAVY-DUTY STRAP JAWS
Straps keep the cutting edges aligned under the most demanding applications.

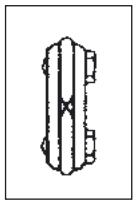




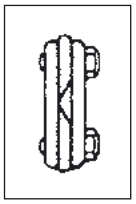
Cutting Blades

Four different cutting blade styles are available for specific types or broad ranges of cutting applications.

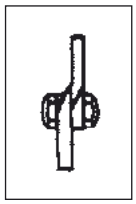
1 CENTER-CUT BLADES
Slightly rounded cutting edges, beveled on both sides, broaden cutting applications.

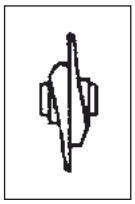


2 CLIPPER-CUT BLADES
Blades are beveled on only one side for smooth flush cuts that are close to workpiece.

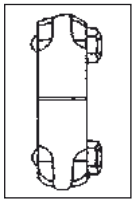


3 SHEAR-CUT BLADES
Designed to cut coarse- or fine-strand cable with minimal strand distortion.





4 END-CUT BLADES
Blades are at right angles to handles for easier handling and "head-on" close cutting of materials.



Industrial Grade, Center Cut Cutters

End View

- General plant maintenance tool.
- Drop-forged, precision ground, alloy tool steel jaws with center-cut blades.
- Cuts soft, medium, or hard materials.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Steel handles with rubber grips.

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31) Inch	Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31) mm	Hard Materials (Up to Brinell 455, Rockwell C48) Inch	Hard Materials (Up to Brinell 455, Rockwell C48) mm	Replacement Cutterhead Code No.	Replacement Jaws (Pair) Code No.
1490MC	2 3/4	1	14	356	5/16	8	3/16	5		**1412C**
0090MC	3 1/2	2	18	457	3/8	10	1/4	6	**0013C**	**0012C**
0190MC	5 1/4	3	24	610	7/16	11	5/16	8	**0113C**	**0112C**
0290MC	8 1/2	4	30	762	1/2	13	3/8	10	**0213C**	**0212C**
0390MC	12 7/8	6	36	914	9/16	14	7/16	11	**0313C**	**0312C**
0590MC	17 1/8	8	42	1067	11/16	18	1/2	13	**0513C**	**0512C**

General Purpose Center Cut Bolt Cutters

End View

- Series 2000 Bolt Cutter
- Drop-forged jaws with center-cut blades. Heat treated for wear resistance and long cutting life.
- Cuts soft, and medium/hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) of cutting pressure.
- Precision cast, 1-piece, aluminum alloy handles with rubber grips.

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Soft Materials (Up to Brinell 200, Rockwell C15) Inch	Soft Materials (Up to Brinell 200, Rockwell C15) mm	Hard Materials (Up to Brinell 300, Rockwell C31) Inch	Hard Materials (Up to Brinell 300, Rockwell C31) mm	Replacement Cutterhead Code No.
1490AC	1,7	0,800	14	356	5/16	8	1/4	6	
0090AC	2,4	1,100	18	457	3/8	10	5/16	8	**0013AC**
0190AC	4,0	1,800	24	610	7/16	11	3/8	10	**0113AC**

Center Cut – Mesh Cutters

• Mesh cutter with tubular steel handles.

Type	Code No.	Weight lbs	Weight kg	Length Inch	Length mm	Cuts up to Rockwell HRC 40/mm	
800MS	T0130000800	6,4	2,900	31 1/2	800	8	2 x 7

Replacement cutterheads

813MS	T0130000813	for Cutter 800MS

Boltcutter BC Series

• The Boltcutter Series BC from H.K.Porter® for D.I.Y. and professionals.
• A special blade design "Center cut"
• Cuts soft and medium / hard materials.
• Robust construction with steel handless and PVC grips.
• Cutterheads made of special alloyed steel.

Type	Code No.	Weight lbs	Weight kg	Length inch	Length mm	Cuts up to HRC 22 inch	Cuts up to HRC 22 mm	HRC 44 inch	HRC 44 mm
BC340	T0131000320	2,0	0,900	13	340	1/4	6	3/16	5
BC400	T0131000400	2,2	1,000	16	400	5/16	7	1/4	6
BC450	T0131000450	3,5	1,600	18	450	3/8	10	5/16	7
BC610	T0131000610	5,1	2,300	24	610	7/16	11	23/64	9
BC800	T0131000800	9,8	4,400	31 1/2	800	1/2	13	7/16	11
BC900	T0131000900	10,4	4,700	35	900	9/16	15	1/2	13

Replacement cutterheads

BC453	T0131000453	for Cutter BC450
BC613	T0131000613	for Cutter BC610
BC813	T0131000813	for Cutter BC800
BC913	T0131000913	for Cutter BC900

Industrial Grade, Clipper Cut Cutters

End View

- All-purpose jaws with clipper-cut blades for close or flush cutting.
- Not for cutting hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Soft and Medium Hard Materials (Up to Brinell 200, Rockwell C15) Inch	Soft and Medium Hard Materials mm	Hard Materials (Up to Brinell 300, Rockwell C31) Inch	Hard Materials mm	Replacement Cutterhead Code No.
1490MNE	2 3/4	1	14	356	5/16	8	1/4	6	1413NE
0090MNE	3 1/2	2	18	457	3/8	10	5/16	8	0013NE
0190MNE	5 1/4	3	24	610	7/16	11	3/8	10	0113NE
0290MNE	8 1/2	4	30	762	1/2	13	7/16	11	T0213NE

Angular Style Cutters

For Soft and Medium Hard Metals to 1/2" (13 mm)

End View

- Angular-style jaws with clipper-cut blades, have a 30° offset to keep work in view and hands clear of work surface while cutting.
- Cuts soft and medium materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Soft Steel & Non-Ferrous Metals Up to Brinell 200, Rockwell C15 Inch	Soft Steel & Non-Ferrous Metals mm	Medium Hard Metals Up to Brinell 300, Rockwell C31 Inch	Medium Hard Metals mm	Replacement Cutterhead Code No.
0190MA	5 1/2	3	24	610	7/16	11	3/8	10	0113A

Heavy Duty Cutters

Center Cut

- Recommended for the most demanding hand cutting applications.
- Heavy-duty straps support the jaws.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- With tubular steel handles.

End View

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Hard Metal, Wire Mesh and Reinforcing Rod and Bar Inch	mm	Replacement Cutterhead Code No.
0190MCX	5 1/2	3	24	610	5/16	8	0113CX
0290MCX	9 1/4	4	30	762	3/8	10	0213CX
0390MCX	14 1/8	7	36	914	7/16	11	0313CX
0590MCX	18 1/4	8	42	1067	1/2	13	0513CX

End Cut Nipper

- End-cut blades are at right angles to handles for easier handling and head-on, close cutting in confined spaces.
- Cuts soft materials
- Maximum hardness of material to be cut: Brinell 200/Rockwell C15
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Cutterhead 0113E available

End View

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Soft Steel, Non-Ferrous Material Inch	mm	Wrought Iron Inch	mm	Soft Bolts, Rivets Screws, Wire Inch	mm
0190ME	5 3/8	3	24	610	5/16	8	5/16	8	5/16	8

Nut Splitter

Splits Nuts up to 3/4“ (19 mm), RC15

- Removes rusted or frozen nuts.
- Center-cut blades
- Blades swivel 360° for ease in splitting hard to reach nuts.
- Black-oxide, rust-resistant finish.
- Plastisol-coated handle
- Place blades across nut at 90° angles, turn power screw with impact or hand wrench to split nuts.
- Doesn’t injure bolt or thread, splits both sides of nut at once.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Capacity	Replacement Blade (1 each) Code No.
1390PQ	3 1/8	2	11 3/4	299	Cuts nuts up to 3/4“ (19 mm) across flats	**1317PQ**

Handklip® Cutter

- Parrot-beak jaw with center-cut blades, to grasp wire and staples.
- Cuts wire, cable, and light chain, up to 3/16“ (4,8 mm) diameter, soft and med. hard metals up to 1/4“ (6,4 mm) diameter, and medium hard chain link.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Screw-type adjustment realigns edges.
- 1-handed operation
- Toolbox and pocket size
- Does NOT meet MIL-SPEC, customer service will provide information on MIL-SPEC tools.

Code No.	Approx. Weight oz	kg	Length Inch	mm	Soft and Medium Hard Materials Inch	mm
0690C	13	0,500	9	229	3/16	5

Shear Type Hand Operated Cutters

Power and Communications Cable Cutters

- Lightweight, rugged cutter
- Drop-forged, alloy tool steel jaws with shear-cut blades.
- Cuts copper or aluminum, power and communications cable.
- Fiberglass handles for 2-handed control.

End View

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Power Cable	Aluminum Power Cable	Communications Cable Inch	mm	Replacement Cutterhead Code No.
0290FCS	4 1/2	2	25 1/2	648	500 MCM	750 MCM	1 3/8	35	
0390FCS	6	3	32	813	750 MCM	1200 MCM	1 3/4	44	**0313FCS**

Shear Type Cable Cutters

- Notched, shear-cut blades hold and lock cable in cutting position.
- Cuts steel cable, coarse- or fine-stranded cable, or wire rope with minimal distortion.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

For Wire Rope to 3/4" (19 mm)

End View

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Wire Rope Inch	Wire Rope mm	Hard Stainless Steel Cable Inch	Hard Stainless Steel Cable mm	Aircraft Cable Inch	Aircraft Cable mm	Replacement Cutterhead Code No.
1490MTN	2 3/4	1	14	356	1/4	6	1/4	6	1/4	6	
0190MTN	5	2	24	610	3/8	10	3/8	10	3/8	10	0113TN
0390MTN	12	6	36	914	5/8	16	5/8	16	5/8	16	0313TN
0590MTN	17	8	42	1067	3/4	19	3/4	19	3/4	19	0513TN

Swaging Tool

- For crimping cable ferrules and stops.
- Strap cuts wire rope to 1/4" (6,4 mm).

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Capacity Inch	Capacity mm
0190NSL	7	3	25	635	1/16 – 3/16"	1,6 – 4,8

Communications Cable Cutters

- Shear-cut blades give clean, sharp cut with minimal distortion.
- Cuts lead- and rubber-covered communications cable only.
- Do NOT cut hard cable, ACSR, self-supporting strand, or steel.

End View

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	Communications Cable Only Inch	Communications Cable Only mm
0190CSP	5 1/4	3	23 1/2	597	1	25
0390CSP	10 3/4	5	37	940	2 1/4	57

Compact, Electric Cable Cutter

- High-leverage jaws with shear-cut blades.
- Do NOT cut steel or ACSR.
- Plastic covered, non-slip grips.
- Compact cutter fits into most tool pouches.
- NOT an insulated tool.
- Blister packed for easy point-of-purchase display.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Cable mm	Aluminum Cable mm
0890CSJ	1	0,454	9 1/2	241	2	4

Pocket Wire Rope and Cable Cutter

- Top-quality, pocket-size cutter
- Shear-cut blades
- Excellent cutter for 3/16“ (4,8 mm) hard -1/4“ (6,4 mm) soft wire rope or cable, piano wire, or aircraft cable.
- Packaged for easy point-of-purchase display.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Cable Capacity Inch	mm	Rod Capacity Inch	mm
0690TN	1	0,454	7 1/2	190	3/16	5	3/32	2,4

Wire Cutter

- Center-cut blades
- Cuts mild steel (Brinel 140) (80.000 PSI) to 5/32“ (4 mm) diameter
- Cuts hard steel (HRC 44) (208.000 PSI) to 3/32“ (2,4 mm) diameter

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Mild Steel Diameter Inch	mm	Hard Steel Diameter Inch	mm
PWC9	0,5	0,300	8 1/2	216	5/32	4	3/32	3

Steel Strap Cutter

- Sheer-cut blades give clean, smooth, easy cuts.
- Lower jaw slides under the tightest strapping or staple.
- Workhead has black oxide, rust-resistant finish.
- Cuts steel strap up to $^3/_4$“ (19 mm) wide.
- Spring action handles with Plastisol® grips open jaws automatically before and after each cut.
- HKP’s most popular strap cutter model.

For Strap to $^3/_4$“ (19 mm)

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm	Round Steel Tie Wire Inch	mm
0990T	1	0,550	9	229	$^3/_4$ x 0,035	19 x 1	0,080	2

Steel Strap Cutter

- Sheer-cut blades
- Workhead has black oxide, rust-resistant finish.
- 1-handed operation gives extra leverage for continuous cuts of wide steel strap, quickly and cleanly.
- Cushion grip handles.

Cuts Steel Strap up to 1 $^1/_4$“ (32 mm)

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm
1290G	1 $^1/_2$	0,775	12	305	1 $^1/_4$ x 0,050	32 x 1

Heavy Duty, Steel Strap Cutter

- Sheer-cut blades
- Cuts heavy steel strapping up to 2“ (51 mm).
- Excellent for pallets, loading and unloading freight cars, trucks, and ships.
- Long-handled, goose neck, 2-hand operated cutter.
- Keep hands away from cutting area.

For Strap to 2“ (51 mm)

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Flat Steel Strap Inch	mm
2690GP	7	3	24	610	2 x 0,050	51 x 1

Compact Ratcheting Cable Cutter

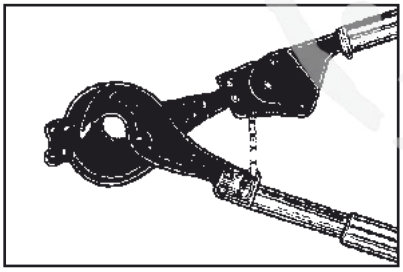
1 3/16“ (30 mm) Capacity

- Compact, lightweight cutter, for confined spaces.
- Ratchet-type jaws with shear-cut blades grip and hold while moderate pumping action cuts cable.
- Leaves no burrs or sharp edges.
- Both blades cut.
- Fiberglass handles with non-slip, plastic grips.
- Cutter has self-lubricating ratchet and only 6 moving parts.
- Note: MCM capacity does not include cable insulation, MCM capacity equates to conductor size only.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper Cable	Aluminum Cable	Communication Cable Inch	mm
6990FS	3 1/2	2	14	356	500 MCM/240 mm²	795 MCM/425 mm²	1 3/16	30

Ratchet Type, Soft Cable Cutter

2“ (51 mm) Capacity



- Jaw keeper prevents jaws from spreading while under heavy load.
- Cuts copper and aluminum communications and power cable in sizes up to 2“ (51 mm), including rubber or lead covered cable.
- Improved heavy duty jaw design.
- Built for tough conditions.
- Ratchet mechanism provides as much as 5 times mechanical advantage over manual cutters.
- Cuts all types of copper and aluminum cables up to 2500MCM.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper and Aluminum Cable, All Types Inch	mm	Replacement Cutterhead Code No.
8690FSK	3 1/2	4	27 1/2	700	2	51	**8613FSK**

Ratchet-type, Soft Cable Cutters

- Jaws with shear-cut blades, have special pivoting handle to allow cutterhead to be opened to maximum width independent of handle position.
- Cuts copper and aluminum, power and communications cable.
- Specially designed to cut conductors with large insulation.
- Maximum handle spread of 22“ (559 mm) for working in confined spaces.
- Advanced cutter gives mechanical advantage of over 50 to 1.
- For special applications contact customer service department.

8790FSK

8790CS

Code No.	Approx. Weight lbs	kg	Length Inch	mm	Copper and Aluminum Power/ Comm. Cable Inch	mm	Replacement Cutterhead Code No.
8790FSK	10 1/2	5	27 1/2	700	2	51	8713FSK
8790CS	15	6	27 1/2	700	3	73	

Ratchet-type, Hard Cable Cutter

1 3/16“ (30 mm) Capacity

- Jaw keeper prevents jaws from spreading while under heavy load.
- Shear-cut blades
- Ratchet and chain increase cutting pressure as handles open and close.
- Cuts hard cable, ACSR, ACAR, ZEBRA, and self-supporting telephone cable, with minimal distortion.
- Moderate pressure needed to open and close handles.
- Can be used effectively with short strokes in confined spaces.
- Increased mechanical advantage over manual cutters.
- Not recommended for cutting insulated copper or aluminum cable.

Code No.	Approx. Weight lbs	kg	Length Inch	mm	ACSR, ACAR, ZEBRA, and Telephone Cable (self supporting) Inch	mm	Replacement Cutterhead Code No.
8690FH	10 1/2	5	29 1/4	743	1 3/16	30	8613FH

Ratchet-type, Guy Strand Cutter

1/2" (13 mm) Capacity

- Notched shear-cut blades hold material firmly in place while ratchet and chain produce easy, progressive cuts.
- Cuts EHS guy strand, mild steel rods and bolts, and similar materials.
- Makes clean, square cuts with minimal distortion.
- Increased mechanical advantage over manual cutters.

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	EHS Guy Strand Inch	EHS Guy Strand mm	Common Guy Strand Inch	Common Guy Strand mm	Replacement Cutterhead Code No.
8690CK	8 3/4	4	28	711	1/2	13	1/2	13	**8613CK**

Ratchet-type, Wire Rope Cutter

3/4" (19 mm) Capacity

- Ratchet-type jaws with notched shear-cut blades hold and lock material in place.
- Cuts aircraft cable, EHS guy strand, wire rope, and hard, stainless-steel cable.
- Cuts all strands with minimal crushing or distortion.
- Increased mechanical advantage over manual cutters.

Code No.	Approx. Weight lbs	Approx. Weight kg	Length Inch	Length mm	EHS Guy Strand Inch	EHS Guy Strand mm	Aircraft Cable, Hard Stainless Steel Cable Inch	Aircraft Cable, Hard Stainless Steel Cable mm	Replacement Cutterhead Code No.
8690TN	13	6	36	914	5/8	16	3/4	19	**8613TN**

Pneumatic Cutters

- Recommended pressure 6-9 bar.
- Used in the wire-shelving industry.
- No exhaust shock.
- 5 cutterheads available for a wide range of production needs: center-cut, clipper-cut, angular jaws, and endcut.
- Cuts soft, medium, or hard materials.
- Heavy-duty workhead (9290 series) has 5“ bore (127 mm) and 3“ stroke (76 mm).
- Light duty workhead (9190 series) has 4“ bore (102 mm) and 2“ stroke (51 mm).
- Cutting controlled by manual pressure.
- Filter-lubricator units recommended in air supply line for long tool service.
- C- “Center Cut” for soft, medium, hard metals to Brinell 400, Rockwell C42.
  NE- “Clipper Cut” for close cutting, soft or medium hard metals to Brinell 300, Rockwell C31.
  A- “Angular cut” for soft or medium hard metals to Brinell 300, Rockwell C31.

Air consumption per cutting operation at

Type	6 bar	9 bar
9190	2,9 l	4,2 l
9290	6,5 l	9,5 l

Code No.	Description	A Inch	A mm	B Inch	B mm	C Inch	C mm	Approx. Weight lbs	Approx. Weight kg	Capacity Inch	Capacity mm
9190C	Light duty, Center Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190NE	Light duty, Clipper Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190A	Light duty, Angular Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9290C	Heavy duty, Center Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13
9290NE	Heavy duty, Clipper Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13

Replacement Cutterhead

9113C	for 9190C
9213C	for 9290C
9113NE	for 9190NE
9213NE	for 9290NE
9113A	for 9190A

Additional spare parts on inquiry.

3/8“ (#3) and 1/2“ (#4) Extendable Indexing Rebar Bender

NEW PRODUCT

- Dual Use Head Allows Bending for Both #3 and #4 Rebar
- Push Button Extends Bender to 35 inches for Maximum Leverage; Collapses to Just 21 inches for Convenient Storage and Portability“
- 14-Position Indexing Head Adjusts with Center push Button to Allow Total Access for Maximum Leverage“
- Extra-Sturdy Steel Handles for the Toughest Conditions
- Super-Strong Indexing Head Grips Rebar Securely for Accurate Bends

Code No.	Weight lbs	Weight Kg	Variable Length inch	Variable Length mm	Capacity inch	Capacity mm	Shelf Pack Quantity
RB4	4,70	2,10	22 3/4 - 35	578 - 890	3/8 and 1/2	9,5 and 12,5	1

5/8“ (#5) and 3/4“ (#6) Indexing Rebar Bender

NEW PRODUCT

- 14-Position Indexing Head Adjusts with Center Push Button to Allow Total Access for Maximum Leverage“
- Extra-Sturdy Steel Handles for the Toughest Conditions
- Super-Strong Indexing Head Grips Rebar Securely for Accurate Bends

Code No.	Weight lbs	Weight Kg	Length inch	Length mm	Capacity inch	Capacity mm	Shelf Pack Quantity
RB5	8,75	4,0	44 1/4	1124	5/8	16	1
RB6	8,75	4,0	44 1/4	1124	3/4	19	1

Soldering Tools, Accessories, Insulated Screwdriver and Pliers

Weller®

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Temperature Controlled Soldering Stations

- Ideal for all soldering applications that do not need a high-end station but to be done professionally.
- Designed for use in repair, service and ambitions hobby, especially for RC moduls.
- Touch screen technology.
- Heat-up time 15 sec.
- Integrated micro soldering pencil 40W, with ergonomic design.
- Built-in Stop+Go function for energy efficient switch off.
- Content:
  WHS M soldering station with 40W micro soldering pencil, safety rest, RT 3 integrated soldering tip chisel shaped 1,3 mm and energy efficient switch mode power supply 100 - 240 V
- The temperature range can be controlled between 100°C and 400°C

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS M	T0056832699	40	100 – 240	50/60	1300	1
WHS M (UK)	T0056832399	40	100 – 240	50/60	1520	1

Temperature Controlled Soldering Stations

- Like WHS M, plus rechargeable battery for mobile, cordless service.
- Latest LIFePo4 rechargeable technology
- Up to 1 hour soldering capacity.
- Recharge time 20 minutes.
- Content:
  WHS MC soldering station with rechargeable battery micro soldering pencil, safety rest, RT 3 integrated soldering tip chisel shaped 1,3 mm and energy efficient switch mode power supply 100 - 240 V
- The temperature range can be controlled between 100°C and 450°C

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS MC	T0056833699	40	100 – 240	50/60	1520	1
WHS MC (UK)	T0056833399	40	100 – 240	50/60	1720	1

Tips and Accessories for Soldering Stations WHS M & WHS MC

- High efficient soldering tips with integrated heating element
- Blister packet

Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
RT 2	T0054460289	Pointed	0,8		1
RT 3	T0054460389	Chisel shaped straight		1,3 x 0,4	1
RT 5	T0054460589	Chisel shaped bent		0,8 x 0,4	1
RT 8	T0054460889	Chisel shaped straight		2,2 x 0,6	1

Temperature Controlled Soldering Station

- Soldering Station with soldering iron 50 W, 24 V.
- Analogic controlled electronic for soldering tools up to 80 W.
- Temperature control via rotary potentiometer
- Temperature range 150°C – 450°C
- Automatic tool recognition
- Protection class 1
- Consits of:
  Control unit P81, Soldering iron LR 21 (50 W) with soldering tip LT M (Chisel shaped 3,2 mm) and safety rest KH 20

Type	Code No.	Description	Watts	Volts	Weight g	Shelf Pack
WHS50	T0056830699	Soldering Station analog	50	230	3100	1

Soldering Tips for Soldering Station WHS50

Type	Code No.	Description	Width mm	Shelf Pack
LT M	T0054441549	Chisel shaped	3,2	1
LT DD45	T0054447849	Round, sloped 45°	2,2 x 0,6	1

Spare Parts for Soldering Station WHS50

Type	Code No.	Description	Weight g	Shelf Pack
LR 21	T0052510649	Soldering iron 50 W, 24 V, with tip LT M	180	1
KH 20	T0051502049	Safety rest	488	1

Temperature Controlled Soldering Stations

- The temperature range can be controlled between 200°C and 450°C. The WHS40 soldering station from Weller rules out the risk of temperature shocks which can occur with conventional soldering bits.
- Desired temperatures can be set precisely in such a way that you no longer have to worry about overheating sensitive areas.
- Consist of power unit, soldering iron with nickel-plated tip 2,0 mm and safety rest.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS40	T0056806699N	40	230	50	1460	1
WHS40 (UK)	T0056806399N	40	230	50	1488	1

Temperature Controlled Digital Soldering Stations

- The new electronically controlled soldering station WHS40D operates with a temperature range of 150°C–450°C.
- The precise soldering tip temperature shows on the digital read-out (pre-set and real value).
- This soldering station is suitable for delicate soldering tasks on temperature sensitive components.
- LED to monitor the heater is integrated in the display.
- The temperature adjusts via buttons.
- Consist of power unit, soldering iron with “Longlife” tip 2,0 mm and safety rest.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
WHS40D	T0056828699N	40	230	50	1460	1
WHS40D (UK)	T0056828399N	40	230	50	1490	1

Straight Tips for Soldering Stations WHS40 and WHS40D

Type	Code No.	Packed	Nickel plated	Longlife	Diameter mm	Width mm	Shelf Pack
43113	T0054311399	Polybag	x		3,5	2,0	1
S3	T0054003499	Carded	x		3,5	3,5	6
S31	T0054321099	Carded		x	3,5	0,4	6
S32	T0054321199	Carded		x	3,5	2,0	6

(S3 = 3 tips on card)

Spare Parts for Soldering Stations WHS40 and WHS40D

Type	Code No.	Description	Weight g	Shelf Pack
WH40	T0056810699N	Soldering Iron with “Longlife” tip 2,0 mm	116	1
	T0058743708	Sponge (2 pcs.)	5	1
	T0058743709	Spring with funnel	35	1

Expert Soldering Guns

- Red housing with built-in illumination of the solder-joint and cooper soldering tip.
- All purpose gun, that tackles soldering, cutting, sealing and pokerwork with instant heat trough interchangeable tips.
- Operated by fingertip trigger.
- 8100 UCK/UDK/UCPK contain 8100 Expert soldering gun, coil of multi-purpose solder, cutting tip, smoothing tip and a soldering aid tool.
- UC & UD: Packaging with inspection window without accessories.
- UCK: Packaging with inspection window with accessories.
- UCPK & UDK: In plastic case with accessories.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
8100UC	T0050200299	100	230	50	1300	6
8100UCK	T0050201299	100	230	50	1330	6
8100UCPK	T0050202299	100	230	50	1400	6
8100UD (UK)	T0050107299	100	230	50	1300	6
8100UDK (UK)	T0050107899	100	230	50	1400	6

Standard Soldering Guns

- Black housing with copper soldering tip.
- Universal soldering gun with instant heat fingertip trigger.
- Ideal for hobbies, model making and home repairs.
- 9200 UCPK/UDK contain 9200 standard soldering gun, coil of multi-purpose solder, cutting tip, smoothing tip and a soldering aid tool.
- UC & UD: Packaging with inspection window without accessories.
- UCPK & UDK: In plastic case with accessories.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
9200UC	T0050206399	100	230	50	1236	6
9200UCPK	T0053813199	100	230	50	1390	6
9200UD (UK)	T0050206499	100	230	50	1230	6
9200UDK (UK)	T0050206999	100	230	50	1400	6

Weller®

Standard UC3 Soldering Gun

- Housing in ocean blue with copper soldering tip in triangular packaging, accessories not including.

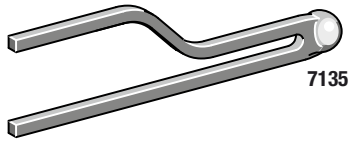
Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
9200UC3	T0050208499	100	230	50	1080	12

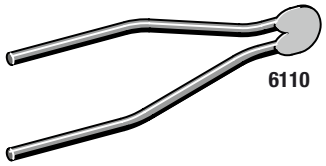
Robust Soldering Guns

- Yellow housing with built-in solder-joint illumination.
- Professional heavy-duty gun with iron-plated Longlife soldering tip.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
05C	T0050500299	250	230	50	1830	6

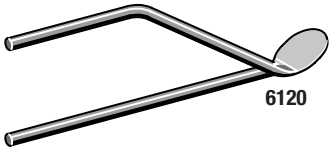
Tips for Expert Soldering Gun 8100

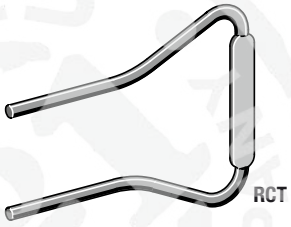




Type	Code No.	Description	Shelf Pack
7135	T0054000299	Copper soldering tip (2 on card)	12
6110	T0054000199	Cutting tip	12
6120	T0054000399	Smoothing tip	12
PL-1	T0054001299	Sealing tip & Teflon tape (for sealing plastic)	12
01101	T0054001499	Sealing tip (for plastic)	12
RCT	RCT	Rope cutting tip	12

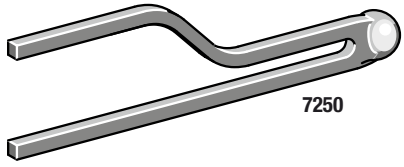
Tips for Standard Soldering Gun 9200

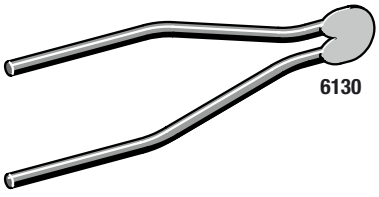




Type	Code No.	Description	Shelf Pack
7135	T0054000299	Copper soldering tip (2 on card)	12
6110	T0054000199	Cutting tip	12
6120	T0054000399	Smoothing tip	12
PL-1	T0054001299	Sealing tip & Teflon tape (for sealing plastic)	12
01101	T0054001499	Sealing tip (for plastic)	12
RCT	RCT	Rope cutting tip	12

Tips for Robust Soldering Gun 05





Type	Code No.	Description	Shelf Pack
7250	T0054000499	Copper soldering tip	12
6150	T0054000599	Soldering tip (iron plated, Longlife)	12
6130	T0054000899	Cutting tip	12
6140	T0054001099	Smoothing tip	12
03102	T0054001899	Sealing tip (for plastic)	12

Weller®

Soldering Irons, SPN Series

Light Duty Irons, 15 Watts

- Three 5mm high-temperature, long-life LEDs for superior soldering accuracy
- Co-molded, soft-grip ribbed handle design for maximum comfort
- Triangular area for maximum of tip control and round handle for ease of tip rotation
- High-performance stainless steel heater
- Cord strain relief for extended life
- Fitted with straight tip, nickel plated 2.0 mm (Type S5)
- Applications: micro components, electronic kits, low voltage wiring, wire connection 18AWG (0.04“ diameter)

Code No	Watts	Volts	Hz	Temperature	Weight	Cord length	Shelf Pack
SP15NEU	15	230	50	400° C	140g	5ft / 1,6 m	6
SP15NUK	15	230	50	400° C	140g	5ft / 1,6 m	6
SP15NCH	15	230	50	400° C	140g	5ft / 1,6 m	6
SP15NZA	15	230	50	400° C	140g	5ft / 1,6 m	6

Standard Duty Irons, 25 Watts

- Three 5mm high-temperature, long-life LEDs for superior soldering accuracy
- Co-molded, soft-grip ribbed handle design for maximum comfort
- Triangular area for maximum of tip control and round handle for ease of tip rotation
- High-performance stainless steel heater
- Cord strain relief for extended life
- Fitted with straight tip, nickel plated 0.8mm cone form (Type MT1)
- Applications: printed circuit boards, radio controlled, indoor lighting, wire connection 12 AWG (0.08“ diameter)

Code No	Watts	Volts	Hz	Temperature	Weight	Cord length	Shelf Pack
SP25NEU	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NUK	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NCH	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NZA	25	230	50	400°C	140g	5ft / 1,6 m	6
Kit version with additional tips: MT2 (screwdriver form 4,0 mm) and MT3 (chisel form 4,0 mm) soldering aide tool and lead-free solder							
SP25NKEU	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NKUK	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NKCH	25	230	50	400°C	140g	5ft / 1,6 m	6
SP25NKZA	25	230	50	400°C	140g	5ft / 1,6 m	6

Medium Duty Irons, 40 Watts

- Three 5mm high-temperature, long-life LEDs for superior soldering accuracy
- Co-molded, soft-grip ribbed handle design for maximum comfort
- Triangular area for maximum of tip control and round handle for ease of tip rotation
- High-performance stainless steel heater
- Cord strain relief for extended life
- Fitted with straight tip, nickel-plated 6.3mm (Type MT10)
- Applications: hobby models, small appliance, small engine repair, crafts, wire conncetions 8 AWG (0.13“ diameter)

Code No	Watts	Volts	Hz	Temperature	Weight g	Cord length	Shelf Pack
SP40NEU	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NUK	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NCH	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NZA	40	230	50	482°C	160	5ft / 1,6 m	6

Kit version with additional tips: TST3 (screwdriver form 2.4mm) and ST7 (conical form 0.8mm) soldering aide tool and lead-free solder

SP40NKEU	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NKUK	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NKCH	40	230	50	482°C	160	5ft / 1,6 m	6
SP40NKZA	40	230	50	482°C	160	5ft / 1,6 m	6

Medium Duty Irons, 80 Watts

- Three 5mm high-temperature, long-life LEDs for superior soldering accuracy
- Co-molded, soft-grip ribbed handle design for maximum comfort
- Triangular area for maximum of tip control and round handle for ease of tip rotation
- High-performance stainless steel heater
- Cord strain relief for extended life
- Fitted with straight tip, iron-plated, „Longlife“ 9.5mm (Type MTG20)
- Applications: audio systems, electrical grounding, automotive, marine, jewelry, wire connection 4 AWG (0.20“ diameter)

Code No	Watts	Volts	Hz	Temperature	Weight g	Cord length	Shelf Pack
SP80NEU	80	230	50	482°C	200	5ft / 1,6 m	6
SP80NUK	80	230	50	482°C	200	5ft / 1,6 m	6
SP80NCH	80	230	50	482°C	200	5ft / 1,6 m	6
SP80NZA	80	230	50	482°C	200	5ft / 1,6 m	6

Weller®

Soldering Irons, SI Series

Heavy Duty Irons 120, 175 and 200 Watts

- Heavy duty irons for the professional user and light industrial operator.
- For demanding jobs like sheet metal work.
- SI120 fitted with bent tip, nickel-plated 12,5 mm (type 43110)
- SI175 fitted with bent tip, nickel-plated 16,0 mm (type 43111)
- SI251 fitted with bent tip, nickel-plated 20,0 mm (type 43112)

Type	Code No.	Watts	Volts	Hz	Temperature	Weight g	Shelf Pack
SI120	T0056807699	120	230	50	460°C	930	6
SI120 (UK)	T0051807799	120	230	50	460°C	870	6
SI175	T0056808699	175	230	50	500°C	1030	6
SI175 (UK)	T0051808799	175	230	50	500°C	970	6
SI251	T0056809699	200	230	50	490°C	1190	6

Soldering Tips, Nickel-Plated, Packed on Card

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15 / SP15N	S5	T0054313199	straight, 3 pcs.	3,5	2,0	6
	S3	T0054003499	straight, 3 pcs.	3,5	3,5	6
SP25L / SP25N	MT1	T0054313299	straight, 3 pcs.	4,5	0,8	6
	MT2	T0054313399	straight, 3 pcs.	4,5	4,0	6
	MT6	T0054313499	smoothing tip, 1 pc.	4,5	10,0	6
	HK11	T0054313599	hot knife, 1 pc.	4,5	–	6
SP40L / SI40 / SP40N	MT10	T0054313699	straight, 3 pcs.	6,3	6,3	6
	S4	T0054003299	bent, 3 pcs.	6,3	6,3	6
SP80L / SI75 / SP80N	S8	T0054003399	bent, 2 pcs.	9,5	9,5	6
SI100 / SI120	S7	T0054311099	bent, 1 pc.	12,5	12,5	6

Soldering Tips, Nickel-Plated, Packed in Polybag

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15 / SP15N	43113	T0054311399	straight	3,5	2,0	6
	43115	T0054311599	straight	3,5	3,5	6
SI25	43003	T0054300329	straight	4,5	4,5	6
	43004	T0054300499	bent	4,5	4,5	6
SP40L / SI40 / SP40N	43105	T0054310500	straight	6,3	6,3	6
	43108	T0054310899	bent	6,3	6,3	6
SP80L / SI75 / SP80N	43106	T0054310629	straight	9,5	9,5	6
	43109	T0054310929	bent	9,5	9,5	6
SI100 / SI120	43107	T0054310799	straight	12,5	12,5	6
	43110	T0054311000	bent	12,5	12,5	6
SI175	43111	T0054311199	bent	16,0	16,0	6
SI251	43112	T0054311299	bent	20,0	20,0	6

Soldering Tips, Iron-Plated "Longlife", Packed on Card

For Soldering Iron	Type	Code No.	Description	Diameter mm	Width mm	Shelf Pack
SP15L / SI15 / SP15N	S31	T0054321099	straight	3,5	0,4	6
	S32	T0054321199	straight	3,5	2,0	6
SI25	S33	T0054320099	straight	4,5	2,0	6
	S34	T0054320199	straight	4,5	3,0	6
	S35	T0054320299	straight	4,5	5,0	6
SP40L / SI40 / SP40N	S36	T0054322099	straight	6,3	5,0	6
	S37	T0054322299	bent	6,3	5,0	6
SP80L / SI75 / SP80N	S38	T0054323099	straight	9,5	7,0	6
	S39	T0054323299	bent	9,5	7,0	6
	MTG20	T0054313799	straight	9,5	9,5	6
SI100 / SI120	S41	T0054324399	bent	12,5	12,5	6

Replacement Parts for Soldering Irons

For Soldering Iron	Type	Code No.	Description	Shelf Pack
SI120	64256	T0056425699	Replacement heating element	1
SI175	64266	T0056426699	Replacement heating element	1
SI251	64276	T0056427699	Replacement heating element	1

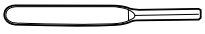
Weller®

Therma-Boost Heat Tool

- Therma-Boost trigger gives you added bursts of power when you need it
- Red and green lights on the back indicate Standard and Therma-Boost modes
- Kit includes Therma-Boost heat tool, six multi-use tips, stand and instructions.
- Heats up to working temperature in just 45 seconds
- Designed for continuous use
- Ultra light weight, weights just 236 g
- Tips included: foam cutting, rope cutting, conical, scoring, smoothing, screwdriver
- Temperature, max. 510°C

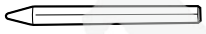
Type / Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
TB100EU	30 / 130	230	50	394	5
TB100UK	30 / 130	230	50	405	5
TB100ZA	30 / 130	230	50	405	5

Replacement Parts for Therma-Boost



Foam Cutting

Rope Cutting



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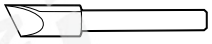


Scoring

Smoothing

Type / Code No.	Description	Shelf Pack
TB5TKEU	Tip Set (5 pcs.)	3

Soldering Irons, Series Mini 2000

- Specifically designed for the electronic hobbyist.
- Lightweight iron, perfectly balanced, with an ergonomically designed handle.
- Available in 12, 15 and 20 Watts plus a 12 Volt version with 15 Watts for connecting to a car battery.
- Type WM12 fitted with nickel-plated tip, width 2,4 mm
- Type WM12L fitted with iron-plated “Longlife” tip, width 2,0 mm
- Type 2012 fitted with nickel-plated tip, width 0,65 mm
- Type WM15L and WM15L12 fitted with iron-plated “Longlife” tip, width 2,0 mm
- Type 2015 fitted with nickel-plated tip, width 2,0 mm
- Type WM20 and 2020 fitted with nickel-plated tip, width 3,5 mm
- WM20L fitted with iron-plated “Longlife” tip, width 3,5 mm

Type	Code No.	Watts	Volts	Hz	Temperature	Weight g	Shelf Pack
WM12	T0056811199	12	230	50	395°C	215	6
WM12L	T0056812199	12	230	50	395°C	215	6
2012 (UK)	T0056811299	12	230	50	395°C	195	6
WM15L	T0056813199	15	230	50	450°C	215	6
WM15L12	T0056810099	15	12	AC/DC	450°C	145	6
2015 (UK)	T0056814299	15	230	50	450°C	198	6
WM20	T0056815199	20	230	50	450°C	220	6
WM20L	T0056816199	20	230	50	450°C	220	6
2020 (UK)	T0056815299	20	230	50	450°C	200	6

Soldering Tips for Soldering Irons, Series Mini 2000

For Soldering Iron	Type	Code No.	Width mm	Nickel Plated	Iron-Plated “Longlife”	Shelf Pack
WM12	MTN1	T0054301099	0,65/2,4	x		6
WM20	MTN2	T0054301199	2,4/3,5	x		6
WM12L,WM15L	MTL1	T0054301299	2,0		x	6
WM20L	MTL2	T0054301399	3,5		x	6
2012 (UK)	STT1	T0054329599	0,25	x		6
2015 (UK)	STT2	T0054329699	2,0	x		6
2020 (UK)	STT3	T0054329799	3,5	x		6

(Tips STT = 3 pcs./all tips are packed on card)

Weller®

High Performance Soldering Iron WPS18MP

- High performance soldering iron.
- Outstanding performance patented power supply design.
- Heats up to 480°C in just 35 seconds, 3 times faster than a regular 60-Watts iron.
- Red power-on LED changes to green when iron reaches the working temperature.
- Tip is elevated when tool is placed flat on work surface-no stand is needed.
- Modular plug for easy tip exchange.
- Bright LED illuminates solder joints.
- Iron includes conical tip 0,8mm.

Type / Code No.	Description	Watts	Volts	Shelf Pack
WPS18MPEU	Soldering Iron, High Performance	18	9V, DC	4
WPS18MPUK (UK)	Soldering Iron, High Performance	18	9V, DC	4

Soldering Tips for WPS18MP

- Soldering tip with integrated heating element and modular plug

WPS10EU

WPS11EU

Type / Code No.	Description	Diameter / Width mm	Shelf Pack
WPS10EU	Conical	0,8	6
WPS11EU	Chisel shaped	3,2	6

Support KH15

Type	Code No.	Description	Weight g	Shelf Pack
KH15	T0051502199	For soldering irons, series Mini 2000	425	1
KH16	T0051516599	For soldering station WHS M + WHS MC460	1	

Support AH1

Type	Code No.	Description	Weight g	Shelf Pack
AH1	T0051239800	For soldering irons up to 75 Watts, Hobbykit 1 & 2 and Series Mini 2000	20	6

Support AH2/AH3

Type	Code No.	Description	Weight g	Shelf Pack
AH2	T0058718701	For soldering irons up to 100 Watts	69	6

Support KH30

Type	Code No.	Description	Weight g	Shelf Pack
KH30	T0051504099	For soldering irons up to 100 Watts, Hobbykit 1 and 2	620	1

PCB Holder

- Maximum mounting surface of 160 x 235 mm.
- PCB's and components can be rotated through 360° at increments of 15°.
- Work-piece is held in place by spring clamps.
- Side pieces are adjustable along a continuum. Hexagonal socket screws hold in place.
- Built-in, non-slip rubber feet.
- A firm work surface is assured by a well positioned centre of gravity and built-in rubber feet.
- Moveable arm with cushion grip holds components in place.
- Offers many possibilities for attaching different shaped components, connectors, soldering strips etc.

Type	Code No.	Description	Weight g	Shelf Pack
ESF120	T0051502599	Euro-Solder-Fix	460	1

Solder, Lead Free, EL99/1

- "Lead free" solder S-Sn99Cu1, DIN EN 29453 (Sn99,3Cu0,7). 2,2% resin DIN EN 29454, 1.1.2.B (EN 6190-ROM1)

Type	Code No.	Description	Packed	Shelf Pack
EL99/1-25	T0054025099	Lead free solder 25 g, Ø 1,0 mm	Carded	6
EL99/1-100	T0054025199	Lead free solder 100 g, Ø 1,0 mm	Carded	6
EL99/1-250	T0054025299	Lead free solder 250 g, Ø 1,0 mm	Carded	6

Solder BL50/50-100

Type	Code No.	Description	Packed	Shelf Pack
BL 50/50-100	T0054002499	Solder 100 g, Ø 1,5 mm SN50P649Cu1 DIN EN 29454-1, 1.1.2B	Carded	6

Solder RL 60/40-100

Type	Code No.	Description	Packed	Shelf Pack
RL 60/40-100	**T0054002599**	Solder with a resin-core, 100 g, Ø 1,5 mm S-Sn60Pb38Cu2 DIN EN 29454-1, 1.1.2B	Carded	6

Soldering Grease LF 25

Type	Code No.	Description	Packed	Shelf Pack
LF 25	**T0054002699**	Soldering grease, 20 g. For tin plating of copper, brass or sheet steel DIN EN 29454-1 / 3.1.1.C	Carded	6

Solder Solution LW 25

Type	Code No.	Description	Packed	Shelf Pack
LW 25	**T0054002799**	Solder solution, approx. 25 ml. DIN EN 29454-1 / 3.1.1.C	Carded	6

Weller®

Stone salmiak LS 25

Type	Code No.	Description	Packed	Shelf Pack
LS 25	**T0054002899**	Cleaning stone for soldering tips. Stone salmiak, approx. 70 g 65 x 45 x 20 mm, Ammonium chloride	Carded	6

Solder RL 60/40-250

Type	Code No.	Description	Packed	Shelf Pack
RL 60/40-250	**T0054004299**	Solder with resin-core , 250 g, Ø 1,5 mm S-Sn60Pb38Cu2 DIN EN 29454-1, 1.1.2B	Carded	6

Electronic Solder EL 60/40-25

Type	Code No.	Description	Packed	Shelf Pack
EL 60/40-25	**T0054002999**	Solder with resin-core, 25 g, Ø 1 mm on reel S-Sn60Pb38Cu2 DIN EN 29454-1, 1.1.2B	Carded	6

Electronic Solder EL 60/40-100

Type	Code No.	Description	Packed	Shelf Pack
EL 60/40-100	**T0054004599**	Electronic solder with resin-core, 100 g, Ø 1 mm S-Sn60Pb38Cu2 DIN EN 29454-1, 1.1.2B	Carded	6

Tiffany Solder TL 60/40-100

Type	Code No.	Description	Packed	Shelf Pack
TL 60/40-100	**T0054009099**	Solder, 100 g, Ø 3 mm, for Tiffany work S-Sn60Pb40 DIN EN 29453	Carded	6

Tip-Activator

- Regeneration of oxidized tips
- Cleaning only possible in hot state of the soldering tip

Type	Code No.	Description	Packed	Shelf Pack
Tip-Activator	**T0051303149**	For regeneration of oxidized tips	Plastic bag	1

Weller®

Solder Assortment WLS 20-65

Type	Code No.	Description	Packed	Shelf Pack
WLS 20-65	**T0054009499**	Solder assortment for hobbyists 1 Solder Wire, 20 g, Ø 1,5 mm S-Pb70Sn30, DIN EN 29453 1 Stone 65 x 45 x 20 mm, Ammonium chloride 1 Solder solution 25 ml, DIN EN 29453, 3.1.1.A 1 Solder grease 20 g, DIN EN29454, 3.1.1A	Carded	6

Solder Rods WLS 30

Type	Code No.	Description	Packed	Shelf Pack
WLS 30	**T0054010699**	For zinc gutters and gutter pipes made from Titanic-Zinc and galvanized steel 3 Solder rods, 20 cm long, approx. 40 g each S-Pb70Su30, DIN EN 29453	Carded	6

Fitting Solder FL 97/3

Type	Code No.	Description	Packed	Shelf Pack
FL 97/3	**T0054010999**	Fitting solder No. 3, 100 g, Ø 3 mm S-Su97Cu3, DIN EN 29453	Carded	6

Other Accessories

DSP11

Type	Code No.	Description	Packed	Shelf Pack
EL1	T0054006599	Desoldering wire, width 1,5 mm	Carded	6
EL2	T0054006699	Desoldering wire, width 2,2 mm	Carded	6
DSP11	T0054011099	Desoldering pump	Carded	6
SW1	T0054006799	Sponge for all KH supports	Carded	6

Battery Powered Soldering Iron

- Fast Heat-Up Battery Powered Soldering Iron.
- The heating element is in the tip for super-fast heat-up.
- Heats up to working temperature in under 30 seconds.
- Red LED light indicates when power is on.
- Protective safety cap turns off power when placed on tool.
- Over 120 intermittent solder joints with fresh batteries.
- Perfect for field service repair on small parts and components.
- Includes iron, conical tip 0,4 mm, 3 Duracell® AA batteries, lead-free solder and tip wrench.
- BP650CEU with practical storage case.

Type / Code No.	Description	Watts	Temp °C	Weight g	Shelf Pack
BP650EU	Battery powered soldering iron	4,5	480	179	5
BP650CEU	Battery powered soldering iron	4,5	480	307	5

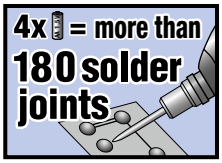
Spare Tip for Battery Powered Soldering Iron BP645

Type / Code No.	Description	Packed	Shelf Pack
BP1EU	„Longlife“ soldering tip, conical, 0,4 mm, with heating element	Carded	6

Weller®

Dual Powered Battery Soldering Iron

- Dual power, 6 watts on level I (380°C) and 8 watts on level II (480°C). Green LED for level I, red LED for level II.
- Heats up to working temperature in 30 seconds.
- Storage cap with auto power shut-off.
- For multi use... electronics, hobbies and small appliances
- Set includes battery soldering iron, 2 tips (conical 0,8 mm and chisel shaped 1,8 mm), 4 Duracell® batteries, lead free solder, tip remover wrench wrench and storage case.
- Temperature: Level I 380°C
  Level II 480°C



Type / Code No.	Description	Watts	Weight g	Shelf Pack
BP865CEU	Dual Powered Battery Soldering Iron	6/8	391	6

Spare Tips for Dual Powered Battery Iron BP860

- “Longlife” tips with heating element

Type / Code No.	Description	Packed	Shelf Pack
BP10EU	“Longlife” Soldering tip, conical 0,8 mm	Carded	6
BP11EU	“Longlife” Soldering tip, chisel shaped 1,8 mm	Carded	6

Tips for Cordless Soldering Irons

- For Soldering Irons WC110C and WC100CPK.
- Tips with built-in heating element.

Type	Code No.	Description	Width mm	Shelf Pack
WC113	T0051611299	Pointed	0,8	6

Butane Gas Operated Soldering Iron WP2 Pyropen Jr.

- Mini iron soldering and brazing that goes everywhere with temperature control.
- Recharged in seconds
- This easy-to-handle butane gas operated soldering pen requires no power cord or batteries and is electrically completely neutral (no peaks).
- “Longlife” soldering tips deliver quick heat-up time.
- Temperature control of soldering iron: 200–450°C Hotblow feature: 430°C max., torch feature: 1300°C max. All temperature are approximate.
- Consist of WP2 Pyropen Jr., iron holder, cleaning sponge, tapered needle “Longlife” tip 0,5 mm (71-01-01) and gas-refill.

Type	Code No.	Description	Weight g	Shelf Pack
WP2	T0051606599	Pyropen Jr.	245	1

Weller®

Soldering Tips for WP2 Pyropen Jr.

- "Longlife" soldering tips with catalyst.
- All tips are packed on card.

71-01-01

71-01-02

71-01-03

71-01-04

Type	Code No.	Description	Width mm	Shelf Pack
71-01-01	T0051616549	Tapered needle	1,0	6
71-01-02	T0051616649	Chisel point	3,0	6
71-01-03	T0051616749	Spade point	3,0	6
71-01-04	T0051616149	Chisel point	5,0	6

Hot Air Tips for WP2 Pyropen Jr.

- "Longlife" hot air tips with catalyst.
- All tips are packed on card.

71-01-52

Type	Code No.	Description	Diameter mm	Shelf Pack
71-01-52	T0051616949	Hot air nozzle	4,9	6

Spare Parts for WP2 Pyropen Jr.

Type	Code No.	Description	Shelf Pack
71-04	T0051617199	Burner nozzle	6
RB-TS	T0051616049	Gas refill, Iso Butan 75 ml	1

Butane Gas Operated Soldering Iron WP1 with Piezo Ignition

- This soldering iron, operated using butane gas, has infinitely variable temperature control.
- Recharged in seconds
- Easy-to-handle, requires no power cord or batteries and is electronically completely neutral (no peaks).
- “Longlife” soldering tips deliver quick heat-up time.
- It can also be used as a hot air unit for shrinking plastic.
- Consist of gas soldering iron WP1 complete with soldering tip 91-01-01, hot air tip 91-01-52 and closure cap.
- Temperature up to: 450°C; hot air tip up to 650°C

Type	Code No.	Description	Weight g	Shelf Pack
WP1	T0051608599	Gas soldering iron with piezo ignition	139	6

Soldering Tips, Hot Air Nozzles and Blow Torch for WP1

91-01-01

91-01-02

91-01-03

91-01-04

91-01-50

91-01-52

91-01-53

- All tips and nozzles with catalyst.
- Packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
91-01-01	T0051638599	Soldering tip needle shaped	1,0	6
91-01-02	T0051638699	Soldering tip chisel shaped	2,4	6
91-01-03	T0051638799	Soldering tip round shaped bevelled 2,0	6	
91-01-04	T0051638899	Soldering tip chisel shaped	5,0	6
91-01-50	T0051638999	Hot air nozzle, Ø 1,5 mm		6
91-01-52	T0051639099	Hot air nozzle, Ø 4,7 mm		6
91-01-53	T0051639299	Cutting knife		6
91-07U	T0051639199	Blow torch		6

Butane Gas Operated Soldering Iron Weller / Portasol WC1

- Operated using butane gas.
- Refillable and can be used anywhere.
- Consist of gas soldering iron with tip C2 and closure cap with built-in spark lighter.
- Temperature up to: 375°C

Type	Code No.	Description	Weight g	Shelf Pack
WC1	T0051608099	Gas soldering iron	85	6

Soldering Tips for WC1

- All tips with catalyst.
- Packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
C2	T0051630099	Soldering tip chisel shaped	3,0	6
C3	T0051630199	Soldering tip fine	0,4	6
C4	T0051630299	Cutting knife		6

Butane Gas Operated Soldering Iron Kit Weller / Portasol P1K

- This gas soldering kit has four tools in one: soldering tip, flame nozzle, hot air nozzle and hot cutting knife.
- Operated using butane gas.
- Refillable and can be used anywhere.
- Approx. temperature soldering tips, hot air nozzle and cutting knife: up to 450°C, flame nozzle: up to 1300°C
- Consist of gas soldering iron with tip T2, flame nozzle T5, hot air nozzle T6, cutting knife T7, cleaning sponge and safety rest in a sturdy storage box.

Type	Code No.	Description	Weight g	Shelf Pack
P1K	T0051608499	Gas soldering iron kit	355	6

Soldering Tips, Nozzles & Cutting Knife for P1K

- All tips and nozzles with catalyst.
- Packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
T1	T0051630399	Soldering tip	1,0	6
T2	T0051630499	Soldering tip	2,4	6
T3	T0051630599	Soldering tip	3,2	6
T4	T0051630699	Soldering tip	4,8	6
T5	T0051630799	Flame nozzle		6
T6	T0051630899	Hot air nozzle		6
T7	T0051630999	Cutting knife		6

Weller®

Butane Gas Operated Soldering Iron WP4 with Piezo Ignition

- This soldering iron, operated using butane gas has infinitely variable temperature control.
- Recharged in seconds. Gas container capacity 63 m.l
- Easy-to-handle, requires no power cord or batteries and is electrically completely neutral (no peaks).
- Approx. temperature soldering tip: 300 – 530°C, hot air nozzles: 700°C, butane torch: 1300°C
- Consist of self-igniting gas soldering iron with tip 72-01-07, hot air nozzle 72-01-52, shrinking attachment 72-01-55, spanner and open wrench.

Type	Code No.	Description	Weight g	Shelf Pack
WP4 Piezo	T0051607499	Gas soldering iron self-igniting	400	1

Soldering Tips and Hot Air Nozzles for WP4 Piezo

- All tips and nozzles with catalyst.
- Packed in polybag.

Round shaped

Needle shaped

Chisel shaped

Hot air nozzle

Sloped round, chisel

Heat shrink

Type	Code No.	Description	Width mm	Shelf Pack
72-01-01	T0051628599	Soldering tip, round shaped	3,0	1
72-01-02	T0051628699	Soldering tip, chisel shaped	10,0	1
72-01-03	T0051628799	Soldering tip, sloped round 45°	4,0	1
72-01-05	T0051628899	Soldering tip, needle shaped	1,5	1
72-01-06	T0051628999	Soldering tip, chisel sloped 45°	4,0	1
72-01-07	T0051629099	Soldering tip, chisel shaped	1,5	1
72-01-12	T0051629199	Soldering tip, chisel shaped	4,0	1
72-01-52	T0051629399	Hot air nozzle, Ø 6,6 mm		1
72-01-53	T0051629499	Hot air nozzle, Ø 9,7 mm		1
72-01-54	T0051629599	Heat shrink attachment	32	1
72-01-55	T0051629699	Heat shrink attachment	27	1

Butane Gas Operated Soldering Iron Set WP3EU with Piezo Ignition

- Three functions: soldering, hot air and open flame
- Operating time 30 min. (80% filling)
- Max. temperature: soldering tip and hot air nozzle up to 450°C, open flame up to 1300°C
- Set consists of gas soldering iron, 3 soldering tips (conical 1,0 mm and 2,4 mm, chisel shaped 2,4 mm), “Hot knife”, heat shrinking tip, Solder lead free ø 1,0 mm, 15 g cleaning sponge, wrench for changing, storage case.

Type / Code No.	Description	Weight g	Shelf Pack
WP3EU	Gas Soldering Iron Set	468	6

Butane Gas Operated Heavy-Duty Table-top Torch with Piezo Ignition

- Heavy-duty table top torch with hands-free lever.
- Gas adjustment wheel. Child resistant unlock button and safety stand.
- Operating time approx. 50 min. (80% filling).
- Approx. temperature up to 1300°C.
- For different usages like car repairs, installations, paint and varnish removal, jewelry production, plumbing and more.

Type / Code No.	Description	Weight g	Shelf Pack
WT13EU	Heavy-Duty Table-top Torch	229	6

Woodburning and Hobbykit WHK30, 30 Watts

- Woodburning and Hobby Kit, 15 Piece.
- Decorative woodburning projects by using patterns from the enclosed project booklet which includes instructions for the use of each tip and techniques for achieving best results.
- Sculpting and embossing wax candle.
- Adding accents to wood picture frames, gourds, leather, paper mâché, fabric, etc
- Stencil cutting, pattern transfers, hot knife cutting, embossing, branding.
- Kit contains: woodburning iron 30 Watts, hot knife with blade chuck, 3 branding tips, 6 woodburning tips, pattern transfer tip, iron stand, project booklet, useful carrying case.
- Temperature 200°C - 595°C depends on the tip are using.

Type/ Code No.	Description	Watts	Volts	Weight g	Shelf Pack
WHK30EU (EU)	Woodburning and Hobbykit	30	230	541	6
WHK30UK (UK)	Woodburning and Hobbykit	30	230	549	6
WHK30CH (CH)	Woodburning and Hobbykit	30	230	546	6
WHK30ZA (ZA)	Woodburning and Hobbykit	30	230	549	6

Tips included:

Hot Knife Tip

Knife Chuck

Dot Tip

Branding Tip

Branding Tip

Branding Tip

Pattern Transfer Tip

Shading Tip

Universal Tip

Groove Tip

Calligraphy Tip

Stencil Cutting

Woodburning and Tip set for WHK30, 30 Watts

- Consist of 12 woodburning tips, as per margin
- Blister packed

Type/ Code No.	Description	Shelf Pack
WBTK12EU	Tip Kit, 12 parts	6

Hobbykit 2 Stained Glass Soldering Iron, 80 Watts

- Three 5mm high-temperature, long-life LEDs for superior soldering accuracy
- Co-molded, soft-grip ribbed handle design for maximum comfort
- Triangular area for maximum of tip control and round handle for ease of tip rotation
- High-performance stainless steel heater
- Cord strain relief for extended life
- Consist of hobby iron with SG 10, tool support and operating instruction

Type / Code No.	Watts	Volts	Temperature	Hz	Weight g	Shelf Pack
HK2EUSTG	80	230	482°C	50	445	6
HK2UKSTG	80	230	482°C	50	455	6
HK2CHSTG	80	230	482°C	50	445	6
HK2ZASTG	80	230	482°C	50	455	6

Soldering Tips for Hobbykit 2

SG10

SG11, WHA30, WHA31

Type	Code No.	Description	Width mm	Shelf Pack
SG10	T0054327099	"Longlife" tip, iron-plated, sloped 45°	7,0	6
SG11	T0054327299	"Longlife" tip, iron-plated, chisel shaped	5,0	6
WHA30	T0054005399	"Longlife" tip, iron-plated, chisel shaped	10,0	6
WHA31	T0054005499	"Longlife" tip, iron-plated, chisel shaped	6,0	6

Temperature Controlled Stained Glass Iron, 100 Watts

- Temperature controlled stained glass iron made to the highest professional standards.
- Temperature is controlled according to the Weller® Magnastat Principle.
- The Weller® soldering irons with automatic temperature control guarantee an outstanding heat supply and restrict the energy supply when the tool idles.
- Working temperature: approx. 340°C
- Idle temperature: approx. 370°C
- Consist of stained glass iron with tip SG40, iron support and operating instruction.
- All soldering tips packed on card.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
Profikit 100	T0056208699N	100	230	50	445	1

Soldering Tips for Profikit 100

- All soldering tips packed on card.

Type	Code No.	Description	Width mm	Shelf Pack
SG40	T0054005799	“Longlife” tip, iron-plated, straight, sloped 45°	7	6
SG41	T0054005899	“Longlife” tip, iron-plated, straight, chisel shaped	7	6
SG43	T0054006099	“Longlife” tip, iron-plated, bent, chisel shaped	7	6

Temperature Controlled Stained Glass Iron, 200 Watts

- Temperature controlled stained glass iron made to the highest professional standards.
- Temperature is controlled according to the Weller® Magnastat Principle.
- The Weller® soldering irons with automatic temperature control guarantee an outstanding heat supply and restrict the energy supply when the tool idles.
- Working temperature: approx. 290°C
- Idle temperature: approx. 335°C
- Consist of stained glass iron with hammer soldering tip SG50/6, iron support and operating instruction.

Type	Code No.	Watts	Volts	Hz	Weight g	Shelf Pack
Profikit 200	T0056209699N	200	230	50	976	1

Soldering Tips for Profikit 200

- All soldering tips packed in polybag.
- Tips with Weller® Magnastat temperature control for higher temperature on request.

Type	Code No.	Description	Width mm	Shelf Pack
SG50/6	T0054006199	“Longlife” tip, iron-plated, hammer shaped, Ø 16 mm		1
SG51/6	T0054006299N	“Longlife” tip, iron-plated, hammer shaped, Ø 6 and 10 mm		1
SG52/6	T0054006399N	“Longlife” tip, iron-plated, chisel shaped, straight	10	1
SG53/6	T0054006499N	“Longlife” tip, iron-plated, chisel shaped, bent	10	1

Soldering Station for Stained Glass, 80 Watts

- Soldering station 80W with soldering iron 80W, 24V.
- Ideal for Tiffany/Stained glass work.
- Analogic controlled electronic for soldering tool up to 80W.
- Temperature control via rotary potentiometer.
- Temperature range 150°C - 450°C.
- Automatic tool recognition.
- Protection class I.
- Consist of: Control unit P81, Soldering iron LR82, with soldering tip SG83 (sloped 35°, ø 7,4 mm) and safety rest KH27.

Type	Code No.	Description	Watts	Volts	Weight g	Shelf Pack
WHS80	T0056829699	Soldering Station analog	80	230	3300	1

Soldering Tips for Soldering Station WHS80

Type	Code No.	Description	Width mm	Shelf Pack
SG83	T0054013499	Round sloped 35°	7,4	1
HT2	T0054426149	Chisel shaped	5,2	1
HT3	T0054426249	Chisel shaped	7,0	1

Spare Parts for Soldering Station WHS80

Type	Code No.	Description	Weight g	Shelf Pack
LR82	T0052615249	Soldering iron 80W, 24V, with tip HT2	267	1
KH27	T0051502749	Safety rest	467	1

Weller®

Benchtop Smoke Absorber WSA350

- Removes much of the noxouis solder flux fume from workplace
- Quit fan, sound level 45-50 dB(A)
- Absorption capacity: 1,25m³/min
- Activated Carbon filters, 3 filters included.

Specifications:
- Activated carbon contend per filter: 9g
- Max. capacity for noxious component per filter: 2,5g
- Size of filter: 130 x 130 x 10mm

Type / Code No.	Description	Watts	Volts	Weight g	Shelf Pack
WSA350EU	Benchtop Smoke Absorber	20	230	1290	1

Spare Filters for Smoke Absorber WSA350

Type / Code No.	Description	Shelf Pack
WSA350F	Activated Carbon Filters (3pcs.)	1

Screwdrivers, 1000 Volts Insulated

- Insulated according Norm 1000 V 10 IEC 60900: 2004
- VDE / GS certificated
- Co-molded handles for maximum comfort
- Blades made of 8660 steel

1000 V

Phillips®

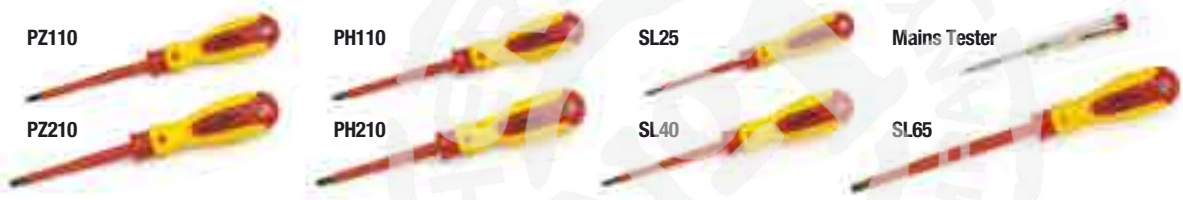
Type / Code No.	Description	Blade Length in mm	Weight in g	Shelf Pack
PH210	Phillips® PH 2 x 100	100	95	12

SL40

1000 V

Slotted

Type / Code No.	Description	Blade Length in mm	Weight in g	Shelf Pack
SL25	Slotted 2,5 x 0,4 x 80 mm	80	32	12
SL40	Slotted 4,0 x 0,8 x 100 mm	100	58	12



Type / Code No.	Description	Weight in g	Shelf Pack
SD8SET 1000 V	Screwdriver Set 8 pcs. Consist of: Phillips® PH 1 x 100 / PH 2 x 100 Pozidriv PZ 1 x 100 / PZ 2 x 100 Slotted 2,5 x 80 / 4,0 x 100 / 6,5 x 150 Main Tester 140	692	6

Phillips® is a registered trademark of the Phillips® Screw Company.

Pliers, 1000 Volts Insulated

1000 V

- Insulated according Norm 1000 V 10 IEC 60900: 2004
- VDE / GS certificated
- Co-molded handles for maximum comfort

Type / Code No.	Description	Length mm	Weight g	Shelf Pack
DCN160	Diagonal Cutting Nipper	160	243	6
HLDCN160	High Leverage Diagonal Cutting Nipper	160	256	6
TGP250	Tongue & Groove Pliers	250	428	6

Snips, Scissors, HVAC-Tools and Cutting Tools

Wiss®

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Key to Symbol
Length of Cut

Metalmaster Compound Action Snips

The Wiss line of Metalmaster compound action snips is the most complete line on the market. Metalmaster snips are one of the most advanced metal cutting tools available today. Originally developed for cutting the extremely tough alloys used in the aircraft industry, (hence the nickname Aviation snips), Metalmaster snips have become the favorite of most craftsman who work with metal. Wiss® Metalmaster snips are widely used by home craftsman and professional metal workers in gutter and flashing work, fabrication of heating and cooling ducts and for aluminum siding installation.
Wiss® Metalmaster snips are indispensable to homeowners and maintenance specialists and to industrial workers in the appliance, aircraft, automotive, electrical, and construction industries. It is the versatility of Wiss® Metalmaster snips, in addition to their superior cutting qualities, that has made them so popular. Wiss® Metalmaster snips cut with half the effort required of conventional snips and handle even the biggest jobs. They cut acute angles, complex patterns and perfect circles of even small diameter in galvenized steel up to 18 gauge (0,049“ / 1,22 mm).
The M5R is recommended for 16 gauge (0,065“ / 1,65 mm).

The jaws of Wiss® Metalmaster snips are made of extra tough and wear-resistant special molybdenum steel to provide the extra service demanded by the compound lever action and to withstand the severe strain of cutting heavy stock or tight curves. The M41R Pipe and Duct Snips have been specifically developed for the heating and air conditioning industry. They also feature the compound lever action, but have in addition a ball bearing jaw action that automatically adjusts the blade clearance to ensure a squarer, cleaner cut. They cut flat sheet metal without distortion to cut edges.

The Wiss® MultiMaster combines the long cut of tinners snips with the strength of compound action. This compound action multiplies the force of the hand by 5 times. It is great for making long, fast cuts in several types of material including: paper, plastic, sheet metal, aluminum, vinyl siding, and screening. The Wiss® MultiMaster cuts up to 20 guage steel.
The Wiss® MultiMaster features non-slip, serrated jaws and non-slip textured grips.

Snips selection chart
To find the proper snips for your requirements, check the chart below. Simply find your requirements in the listing. The applicable snips are indicated in the chart.

	Metalmaster M1R, M2R M3R, M300 & M400	M6R, M7R	M41R	Snips B series	MPC3	Metalmaster M5R	Metalmaster M8R / M9R	Metalmaster Special series M1RS1 & M2RS1
Do-it-yourselfer	•	•	•	•	•		•	
Roofer	•	•		•			•	
Mechanic	•	•		•			•	
Autobody Worker	•	•		•			•	
Plumber	•	•		•			•	
Heating & Cooling Specialist	•	•	•	•			•	
Electrician	•	•		•			•	
Vocational Teacher	•	•	•	•		•	•	
Maintenance Worker	•	•		•			•	
WISS SNIPS FOR SPECIAL JOBS								
Notching & Nibbling Heavy Stock						•		
Cutting Curves	•	•					•	•
Double Cut-Snips			•					

Metalmaster Compound Action Snips

- Non-slip serrated jaws of Wiss® Metalmaster snips are made of extra tough, wear-resistant molybdenum steel to provide extra service demanded by the compound lever action.
- Withstands severe strain of cutting heavy stock and tight curves.
- Handles are formed of high strength steel.
- Handles have a margin of strength far above the limit of hand power that can be exerted.

Metalmaster Compound Action Snips

Left Cut, Cuts left from tight curves to straight
M1R

Right Cut, Cuts right from tight curves to straight
M2R

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M1R	Red	9 3/4	248	1 3/8	35	18 Gauge Steel (0,049"/1,22mm)	0,9	400	6
M2R	Green	9 3/4	248	1 3/8	35	18 Gauge Steel (0,049"/1,22mm)	0,9	400	6

Metalmaster Vertical Compound Action Snips

- Vertical compound action snips allowing easier cutting when working either overhead or on the bench
- Long handles with soft grips reduce strain when cutting
- Deep serrated blades ensure constant gripping while cutting

M8R

M9R

Code No.	Grip colour	Length inch	Length mm	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M8R	red	8 1/2	215	45	22 Gauge Steel (0,028“/0,71 mm)	1,1	474	6
M9R	green	8 1/2	215	45	22 Gauge Steel (0,028“/0,71 mm)	1,1	474	6

Metalmaster Compound Action Snip

- Cuts straight, left or right in light stock.
- Perfect for home craftsman.

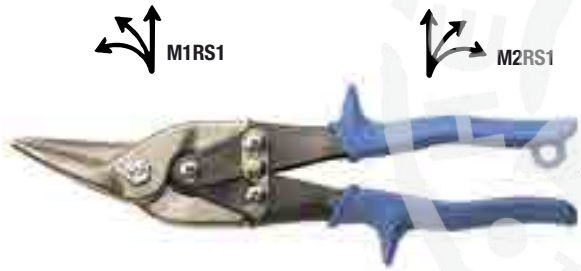
Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M3R	Yellow	9 3/4	248	1 1/2	38	18 Gauge Steel (0,049“/1,22 mm)	0,9	400	6

Metalmaster Offset Snips

- M6R cuts left and straight.
- M7R cuts right and straight.
- Offset blades keep hands clear of metal.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M6R	Red	9 1/4	233	1 1/4	32	18 Gauge Steel (0,049"/1,22 mm)	0,9	400	6
M7R	Green	9 1/4	233	1 1/4	32	18 Gauge Steel (0,049"/1,22 mm)	0,9	400	6

Metalmaster Special Series Snips



- M1RS1 cuts left.
- M2RS1 cuts right.
- Specially hardened to cut exotic metals.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M1RS1	Blue	9 3/4	248	1 3/8	35	18 Gauge Sta inless Steel (0,049"/1,22 mm)	0,9	400	6
M2RS1	Blue	9 3/4	248	1 3/8	35	18 Gauge Stainless Steel (0,049"/1,22 mm)	0,9	400	6

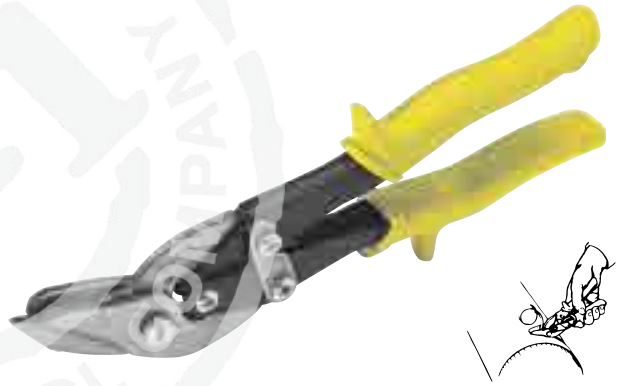
Metalmaster Bulldog Snip

- For notching or trimming extra heavy stock.
- Non-slip, serrated jaw made of tough molybdenum steel allows for compound lever action.
- Withstands strain of cutting heavy stock and tight curves.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Handy hang-up hole.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M5R	Red	9 1/4	233	7/8	22	16 Gauge Steel (0,65“/1,65 mm)	0,7	330	6

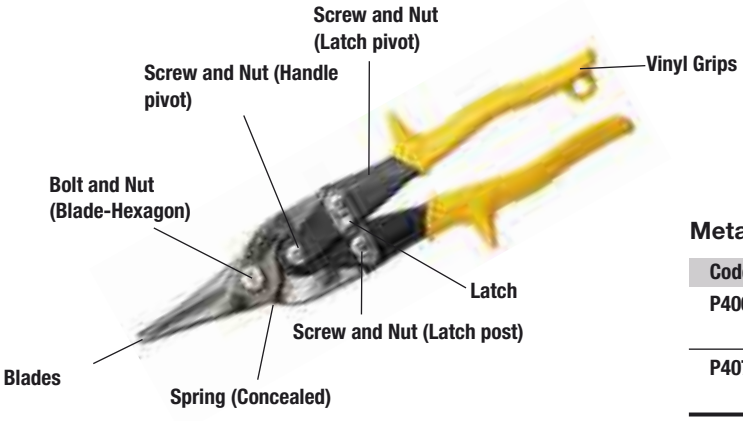
Metalmaster Pipe and Duct Snip

- Cuts curves, straight or any combination.
- Cuts any shape ducts, seams, sheet metal stock, vinyl tiles and plastic laminates.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Patented ball-bearing jaw action automatically adjusts blade clearance for squarer, cleaner cuts.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Non-slip, textured grips and safety latch for superior control.



Code No.	Grip colour	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M4R	Grey	9 1/4	233	9/16	14	20 Gauge Steel (0,035“/0,89 mm)	0,95	430	6

Repair Parts for Snips and Industrial Cutting Tools



Metalmaster Snips

Code No.	Description	Shelf Pack
P406	Replacement Spring for M1R, M3R, M5R, M7R, M8R, M1RS1 (10/Pack)	1
P407	Replacement Spring for M2R, M6R, M9R, M2RS1(10/Pack)	1

Metal-Wizz® Snip

- Cuts curves, straight or any combination.
- Metal-Wizz® snips designed for home craftsman.
- Used for cutting screening, hardware cloth, synthetic shingles, tile gutters, downspouts, and carpeting.
- Non-slip serrated jaw of tough molybdenum steel allows for compound lever action.
- Spring-action for fast, effortless feed.
- Handle of high tensile strength alloy steel exceeds hand power limit.
- Non-slip, textured grips and safety latch for superior control.

Code No.	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
MPC3	9	229	1 3/8	35	20 Gauge Steel (0,035"/0,89 mm)	0,8	340	6

Metalmaster Snip

- Combines the long cut of tinners snips with the strength of compound action.
- Compound action multiplies the force of the hand by five times.
- Great for making long, fast cuts in sheet metal, aluminum, and much more.
- Cuts up to 20 gauge steel.
- Features non-slip, serrated jaws as well as non-slip textured grips.

Code No.	Length Inch	Length mm	Inch	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M300	10 1/2	267	3	76	20 Gauge Steel (0,035"/0,89 mm)	0,8	340	6

All-purpose Cutter

- 3"/ 76 mm serrated blades provide longer cut than most tools.
- Serrated blades grab hold and aggressively cuts through the material.
- Compound action provides up to 5:1 power ratio for easy cutting.
- Chrome-plated blades resist rust and corrosion.
- Spring loaded for faster opening.
- Non-slip textured cushion grips.
- Small closed position handle design for smaller hands.
- Cuts cardboard, shingles, wire mesh, sheet metal, sheet vinyl and so much more.

Code No.	Length Inch	Length mm	Inch	mm	Weight lb	Weight g	Shelf Pack
MPX	10 1/2	267	3	76	0,8	340	6

MultiMaster® Snip

- Offset Compound Action Snip with 75 mm cut length.
- Perfect snip for many different cuts.
- Non-slip grips.
- Cuts sheet metal, aluminium, plastic, soft wire, vinyl siding, gutters, rubber, textile, cardboards, paper and more.

Code No.	Length mm	mm	Recommended max. capacity low carbon cold rolled steel	Weight lb	Weight g	Shelf Pack
M400	305	75	20 Gauge Steel (0,035“/0,89 mm)	1,0	450	6

12“ Lightweight Aluminum Handle Snip

- 3“ cut length
- Sleek head design reduces cutting effort by allowing easy flow of material while cutting
- Slim nose, ideal for making cuts in tight places and reaching tight corners
- Large, wide handle loops increase cutting leverage and comfortably fit all hand sizes, including gloved hands
- Strong & durable lightweight aluminum construction
- Easy and quick blade replacement

Code No.	Packaging	Tool Length	Blade Length	Cutting Capacity	Weight	Shelf Pack
W12L	Carded	12“ / 305 mm	3“ / 75 mm	22 Gauge Low Carbon Steel	1.00 lb / 450g	4

14“ Lightweight Aluminum Handle Snip

- 3-1/4“ cut length
- Sleek head design reduces cutting effort by allowing easy flow of material while cutting
- Large, wide handle loops increase cutting leverage and comfortably fit all hand sizes, including gloved hands
- Longer handle length and rounded head design improve cutting leverage
- Strong & durable lightweight aluminum construction
- Easy and quick blade replacement

Code No.	Packaging	Tool Length	Blade Length	Cutting Capacity	Weight	Shelf Pack
W14L	Carded	14“ / 355 mm	3 $^{1}/_{4}$“ / 83 mm	22 Gauge Low Carbon Steel	1.4 lb / 630 g	4

Repair Blades for Lightweight Snips 12“ + 14“

Code No.	Packaging	Description	Weight
W12LRB	Carded	12“ Blade Replacement Kit for W12L	0.27 lb / 122 g
W14LRB	Carded	14“ Blade Replacement Kit for W14L	0.35 lb / 158 g

Heating, Ventilating and Air Conditioning Tools

- Traditional tools of the sheet metal trades.
- Wiss® HVAC tools are made from the finest quality steel for better edges and long life.
- Treated industrial finish helps prevent rust.
- Cushion grip handles for all-weather comfort and grip.
- Review this catalog for the largest selection of top brand HVAC tools available.
- Suffix ”V“ in Code No. denotes carded product.

3-Blade Crimper

- Crimps male fitting end to connect guttering, downspouts or metal pipe
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control

Code No.	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Weight lb	Weight g	Shelf Pack
WC3S	1 1/4	30	9 3/4	222	0,85	380	3

5-Blade Crimper

- For crimping round metal pipe to create a male fitting end
- Crimps heavier gauge pipe up to 22 gauge galvanized steel
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control

Code No.	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Weight lb	Weight g	Shelf Pack
WC5S	1 1/4	30	9 3/4	248	0,95	430	3
WC5L	1 5/8	41	10	250	1,0	450	3

Hand Notcher

- Cuts 30 degree V shaped cut in sheet metal
- Gives clean notch without slipping at corners and take-off tabs
- Non-slip cushion grips for superior comfort and control

Code No.	Cutting Angle	Throat Depth Inch	Throat Depth mm	Length Inch	Length mm	Weight lb	Weight g	Shelf Pack
WHN1	30°	13/16	20	8 3/4	222	0,95	430	3

Hand Seamer

- Used to bend and flatten sheet metal
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control
- 3-1/4“ jaw width and 1-1/4“ maximum seam depth
- 1/4“ depth markings

Code No.	Jaw Depth Inch	Jaw Depth mm	Jaw Width Inch	Jaw Width mm	Length Inch	Length mm	Weigth lb	Weigth g	Shelf Pack
WS3	1/4–1 1/4	6–30	3 1/4	83	9 1/4	235	1,35	600	3

Offset Hand Seamer

- Used to bend and flatten sheet metal
- Ideal for working in confined areas
- Optimal handle span for maximum power and comfortable operating range
- Non-slip cushion grips for superior comfort and control
- 3-1/4“ jaw width and 1-1/4“ maximum seam depth
- 1/4“ depth markings

Code No.	Jaw Depth Inch	Jaw Depth mm	Jaw Width Inch	Jaw Width mm	Length Inch	Length mm	Weight lb	Weight g	Shelf Pack
WS4	1/4–1 1/4	6–30	3 1/4	78	9	229	1,4	630	3
WS6	1/4–1 1/4	6–30	6	150	9 1/4	235	1,9	850	2

Cable Tie Tensioning Tool

- Designed to install both heavy and light duty nylon cable ties
- For tightening nylon ties when securing flex duct to take-off collars
- Easy to operate cut-off mechanism that trims excess cable strap
- Comfortable cushion grip handles and internal stop

Code No.	Packaging	Cable tie Width	Length	Weight lb	Weight g	Shelf Pack
WT1	Carded	3/8“ / 9,5 mm and tinner	7 1/2“ / 190 mm	0.90	400 g	4

Metal Rivetter

- Two-handed operation.
- Low construction height.
- For perfect bonding of two metal sections by bending pre-pressed brackets up to sheet steel 2 x 0,8 mm.

Type	Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
HPC1	T0070585051	Bulk	14	350	2,0	900	1
LS1	T0074540005	Hole punch for HPC1					1

Metal Rivetter

- One-handed operation with restoring spring.
- For perfect bonding of two metal sections by bending pre-pressed brackets up to sheet steel 2 x 0,8 mm.

Type	Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
HPC2	T0070585061	Bulk	10	250	1,6	700	1

Metal Nibbler

M10RW

M11R

- Design: Chip width 2,8 mm.
- For sheet steel up to 1,2 mm, non-ferrous metals, aluminium. Straight cuts for U- and C sections.
- M11R with automatic chip breaker for comprehensive cutting out and cutting in.

Type	Code No.	Packed	Grip	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
M10RW	T0073801027	Carded	Green	10,4	265	1,0	450	6
M11R	T0073801127	Carded	Black	10,4	265	1,0	450	6
EM1011	T0074541011	Bulk	Replacement Blade for M10RW and M11R					1

12“ Folding Tool

- Commonly used for folding channels and making long uniform bends in sheet metal
- 3/8“ and 1“ depth folding channel to ensure proper depth alignment
- Constructed of heavy 16 gauge steel that keeps folding channels from widening and ensures precise and accurate bends
- Ideal for folding drive cleat channels with 3/8“ depth to make longer, wider folds in register boots, end caps, plenums, etc.

Code No.	Packaging	Folding Channel Depths	Length	Weight lb	Weight g	Shelf Pack
WF12	N/A	$^3/_8$“ & $^1/_0$“ / 9,5 & 25 mm	12“ / 305 mm	1,30	600 g	4

18“ Folding Tool

- Commonly used for folding channels and making long uniform bends in sheet metal
- 3/8“ and 1“ depth folding channel to ensure proper depth alignment
- Constructed of heavy 16 gauge steel that keeps folding channels from widening and ensures precise and accurate bends
- Ideal for making long, uniform folds

Code No.	Packaging	Folding Channel Depths	Length	Weight lb	Weight g	Shelf Pack
WF18	N/A	$^3/_8$“ & $^1/_0$“ / 9,5 & 25 mm	18“ / 460 mm	2,0	300 g	4

24“ Folding Tool

- Commonly used for folding channels and making long uniform bends in sheet metal
- 3/8“ and 1“ depth folding channel to ensure proper depth alignment
- Constructed of heavy 16 gauge steel that keeps folding channels from widening and ensures precise and accurate bends
- Ideal for making long, uniform folds

Code No.	Packaging	Folding Channel Depths	Length	Weight lb	Weight g	Shelf Pack
WF24	N/A	$^3/_8$“ & $^1/_0$“ / 9,5 & 25 mm	24“ / 610 mm	2,7	1215 g	4

Multi Purpose Snips

- Spring-loaded blades for reduced fatigue on repeated cuts.
- Soft-touch co-molded handles for maximum comfort.
- 420 Stainless blades provide maximum corrosion resistance.
- Wire cutter notch for easy cutting of light-gauge wire.
- Safety-latch locks blades closed for storage.
- Heavy-duty design is perfect for shop, garden, and craft cutting jobs.

Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
WEZSNIPEU	Carded	8 1/2	216	0,3	150	6

Household and Sewing Scissors

- Soft comfort grips with oversize high-leverage bottom ring.
- Stainless steel blades for corrosion resistance.
- Adjustable pivot allows fine-tuning to most comfortable setting.
- Straight blades can be easily re-sharpened.
- Cuts paper, fabric, cardboard, craft materials, and more.
- 130 mm and 200 mm combination set is great for sewing and crafts.

Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
WHCS2	Carded	5 + 8	130 + 200	0,4	200	4

Household and Sewing Scissors

- Corrosion-resistant stainless steel blades separate for thorough cleaning.
- Dishwasher-safe ergonomically designed polypropylene grips.
- Serrated blades grip uneven materials better for easier cutting.
- Semi-circular notch on lower blade perfect for cutting rounded items.
- Cuts paper, fabric, cardboard, craft materials, and more.

Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
W8TA	Carded	8	200	0,2	109	4

- High leverage comfort grip for right or left-handed use.
- 420 Stainless blades provide maximum corrosion resistance.
- Serrated lower blade grips materials securely for more even cutting.
- Adjustable pivot allows fine-tuning to most comfortable setting.
- Blunt point on lower blade for added safety.
- Semi-circular notch on lower blade for faster, easier rope cutting.
- Heavy-duty blade cuts cardboard, rope, rubber, screen, and more.
- Straight blade can be easily re-sharpened
  (professional re-sharpening is recommended for serrated blade).

Code No.	Packed	Length inch	Length mm	Weight lb	Weight g	Shelf Pack
W912	Carded	10	250	0,3	150	4

Heavy Duty Industrial Shears

INLAID®

- Commonly used in cutting fabrics, upholstery, & composite materials
- Precision ground blades for sharper cutting edges & longer blade life
- Handle rings designed to comfortably fit users hands
- SET-EASY pivot adjustment easily & securely adjust to users preference
- Hot dropped forged nickel plated blades
- LH = Left hand
- P = Soft grip

Code No.	Length Inch	Length mm	Inch	mm	Weight lb	Weight g	Shelf Pack
W20	10 3/8	264	4 3/4	121	0,88	400	6
W20LH	10 3/8	264	5	127	0,88	400	6
W22N	12 1/2	318	6	121	1,2	540	6
W22P	12 1/2	318	6	155	1,2	540	6

Upholstery, Carpet, Drapery, and Fabric Shears

INLAID®

- Ideal for cutting carpet, synthetic fibers & composite materials
- One blade ground to knife edge for faster, cleaner cutting
- Precision ground blades for sharper cutting edges & longer blade life
- Handle rings designed to comfortably fit users hands
- SET-EASY pivot adjustment easily and securely adjust to users preference
- Hot dropped forged nickel plated blades

Code No.	Length Inch	Length mm	Inch	mm	Weight lb	Weight g	Shelf Pack
W20W	10 3/8	264	5	127	0,88	400	6
W22W	12 1/2	318	6	155	1,2	540	6

Electronics and Filament Scissors

NEW PRODUCT

- Hot drop-forged solid steel
- Coil spring handle opens blades after each cut
- Straight blades
- Polished blades with black handle

Cat. No.	Packaging	Tool Lenght	Blade Lenght	Product Weight
605N	Boxed	5“ / 127 mm	3/4“ / 19 mm	0.22 lb / 100 g

Auto-Retracting Utility Knife

- Blade retracts automatically the moment it loses contact with the material being cut – even if the user is still holding the blade slider forward in the 'open' position
- Helps reduce workplace injuries, lowering lost time and increasing productivity
- Accepts all standard type utility knife
- Replacement blade SB10EU available

Code No.	Description	Packaging	mm	Weight lb	Weight g	Shelf Pack
WKAR1	Auto-Retracting Utility Knife	Carded	32	0,40	180	5

Stainless Steel Industrial Thread Nippers

- Ice tempered, stainless steel blades.
- Ice tempering process provides long lasting cutting edge.
- Blades are micro-honed for smooth, precise cutting.
- 50% lighter than forged clippers.
- Easy to resharpen.
- Computer engineered for durablilty and blade set.

Code No.	Length Inch	Length mm	Inch	mm	Weight oz	Weight g	Shelf Pack
TC1 Sharp points	4 5/8	117	1 1/4	32	3,6	100	6

Quick-Clip® Lightweight Speed Cutters

- Stainless steel replaceable blades.
- Positive spring-action reopens blades for fast cutting.
- Heavy duty contour design.
- 1570B comes with sharp points, 1571B with blunt points.
- Industrial PVC plastic handle.

Code No.	Length Inch	Length mm	Inch	mm	Weight oz	Weight g	Shelf Pack
1570B	4 3/4	121	1	26	1,7	47	6
1571B	4 3/4	121	1	26	1,7	47	6

Folding Utility Knife

- Folding design lets blade recess completely into handle for safe storage (when using standard + hook blades)
- Quick charge mechanism for easy blade removal and replacement
- Comfortable, non-slip co-molded grip with anodized aluminium housing
- Thumb pin allows one-hand opening
- Right or left-hand use by changing thumb pin and belt clip
- 10 standard blades (Trapeze) in dispender included
- Blister packed, 10 pcs. in coloured display box

Type / Code No.	Description	Weight lb	Weight g	Shelf Pack
WKFQ4REU	Folding Utility Knife	0,45	205	10

Folding Utility Knife Set

- Same utility knife like WKFQ4REU
- All parts fixed in nylon case
- Blister packed, 5 Sets in coloured display box
- Set consits of Utility Knife, 10 Standard Blade (Trapeze), 5 Hook Blades, 2 Linoleum Blades and 2 Scoring Blades

Type / Code No.	Description	Weight lb	Weight g	Shelf Pack
WKFQ4SETEU	Folding Utility Knife Set	1,2	536	5

Replacement Blades

- Blister packed

Type / Code No.	Description	Shelf Pack
SB10EU	Standard Blade (Trapeze), 10 pcs. in dispender	6
HB5EU	Hook blade, 5 pcs. in dispender	6

Ratchet Pipe Cutters

- Unique ratcheting design to cut pipes also in tight spaces.
- For cutting pipes made of brass, copper, aluminium, PVC and other thin-walled conduit material from diameter 3 mm ($^1/_8$“) up to 29 mm ($1^1/_8$“).
- Interior ratchet mechanism rotates 360° inside tool head.
- Extra cutting wheel storage in handle (medium and large models only).
- Blister packed

Type / Code No.	Description	For Pipe Diameter	Shelf Pack
WRPCSMEU	Ratched Pipe Cutter – Small	3mm – 13mm ($^1/_8$“ – $^1/_2$“)	3
WRPCMDEU	Ratched Pipe Cutter – Medium	6mm – 23mm ($^1/_4$“ – 1“)	3
WRPCLGEU	Ratched Pipe Cutter – Large	8mm – 29mm ($^5/_{16}$“ – $1^1/_8$“)	3

Replacement Cutting Wheels for Pipe Cutters

Type / Code No.	Description	Shelf Pack
WRPCWH1EU	Cutting Wheel (2/card) for WRPCSMEU	6
WRPCWH2EU	Cutting Wheel (2/card) for WRPCMDEU + WRPCLGEU	6

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