

Traditional External Micrometer, 1965 Series with Carbide Anvils

Features:

- Carbide measuring face
- Ratchet style



Mechanical External Micrometer

Item #	Description	Sale Price
MW1965	0 - 1" 0.001"	\$28.90
MW1965B	0 - 1" 0.0001"	\$28.90
MW1965M	0 - 25mm 0.01mm	\$28.90
MW1965MB	0 - 25mm 0.002mm	\$28.90

Traditional External Micrometer, 1966 Series

Features:

- Carbide measuring face
- Ratchet style



Mechanical External Micrometer - Imperial: 1 - 6"

Item #	Description	Sale Price
MW1966-2	1 - 2" 0.001"	\$31.65
MW1966-3	2 - 3" 0.001"	\$35.00
MW1966-4	3 - 4" 0.001"	\$38.60
MW1966-5	4 - 5" 0.001"	\$44.70
MW1966-6	5 - 6" 0.001"	\$52.30
MW1966B-2	1 - 2" 0.0001"	\$31.65
MW1966B-3	2 - 3" 0.0001"	\$35.00
MW1966B-4	3 - 4" 0.0001"	\$38.60
MW1966B-5	4 - 5" 0.0001"	\$44.70
MW1966B-6	5 - 6" 0.0001"	\$52.30

Micrometer Set

Features:

- Carbide measuring face
- Ratchet style
- Packed in wooden box
- 0.0001" resolution



Micrometer Set

Item #	Description	Sale Price
MWMEB-221E	0 - 3"	\$229.00
MWMEB-421E	0 - 6"	\$399.00

Telescopic Gauge Set

Features:

- For quick inside measurement and determination of inside diameters
- Spring loaded plunger that expands in the bore or groove
- Metric / Imperial



Telescopic Gauge Set

Item #	Description	Sale Price
MW315-01	8 - 150mm / 0.312" - 6"	\$28.15

Sylvac S_Mike Micrometer

Features:

- Water and coolant resistant, IP67 (according to IEC 60529)
- Smart Inductive Sensor (S.I.S)

S_Mike Micrometer

Item #	Description	Sale Price
903-0300	Sylvac Digital Mic 0-30mm/0-1.18"	\$435.00
903-0600	Sylvac Digital Mic 30-60mm/1.18-2.60"	\$675.00
903-1000	Sylvac Digital Mic 60-102mm/2.60-4.00"	\$950.00

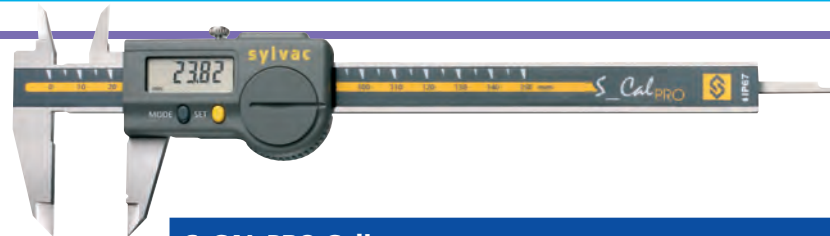


Swiss Precision

Sylvac S_Cal Pro Caliper

Features:

- Water and coolant resistant (IP67)
- New, contactless data output (S_Connect Proximity)
- Inch / metric



S_CAL PRO Caliper

Item #	Description	Sale Price
910-1502	150mm/6" Sylvac Waterproof caliper IP67 S-Cal pro with depth rod	\$178.00
910-1522	200mm/8" Sylvac Waterproof caliper IP67 S-Cal pro with depth rod	\$312.00
910-1532	300mm/12" Sylvac Waterproof caliper IP67 S-Cal pro no depth rod	\$370.00

Sylvac S_Cal WORK Caliper

Features:

- Maximum velocity of displacement: 2 m/sec
- Mechanical stainless steel frame, hardened and ground
- Version with thumb wheel available on request
- Inch / metric
- Water resistant
- No depth rod on 12" model



S_Cal WORK Caliper

Item #	Description	Sale Price
910-0502	150mm/6" Workshop Caliper	\$147.00
910-0522	200mm/8" Workshop Caliper	\$216.00
910-0532	300mm/12" Workshop Caliper	\$276.00

Sylvac S_Cal ONE Caliper

Features:

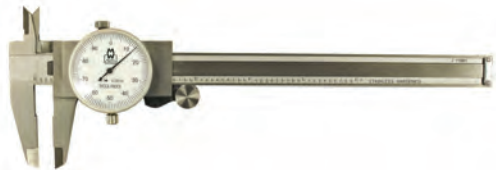
- Swiss quality at a low price
- water and coolant resistant
- Inch / Metric display



S_Cal ONE Caliper

Item #	Description	Sale Price
910-2502	150mm/6" Caliper	\$129.00

Dial Caliper



Features:

- Standard: DIN 862
- Rapid movement with thumb wheel
- Covered rack
- 4-way measurement
- Hardened stainless steel rack
- Shock Proof

Dial Caliper

Item #	Description	Sale Price
MW143-15i	0 - 6" 0.001"	\$42.25
MW143-20i	0 - 8" 0.001"	\$53.95
MW143-30i	0 - 12" 0.001"	\$79.00

Workshop Vernier Caliper



Features:

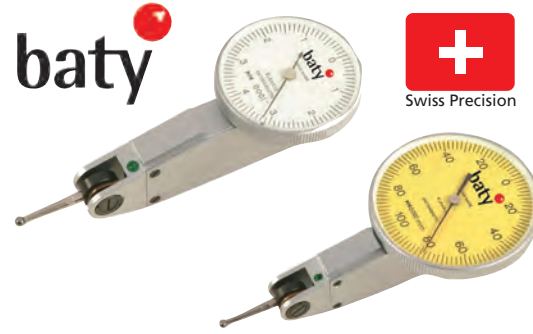
- Standard workshop model with stop screw
- Assembly slider model
- 4-way measurement
- Made of hardened alloyed stainless steel
- Chromed scale with engraved graduations
- Measuring surface is micro-lapped
- Packed in pastic box

Dial Caliper

Item #	Description	Sale Price
MW100-15BI	0 - 15mm / 0 - 6"	\$29.95

Baty HL Indicators

The Baty HL series of lever-type dial test indicators are top quality, Swiss-made precision instruments. Low inertia jewelled movements and rugged construction make them suitable for universal applications in the workshop and inspection departments.



Metric Reading Models

Item #	Reading	Measuring Range	Indicator Diameter	Stylus Length	Graduated	Sale Price
HL-1	0.01mm	0.8mm	27mm	12mm	0-40-0	\$227.00
HL-2	0.01mm	0.8mm	37mm	12mm	0-40-0	\$235.00
HL-3	0.01mm	0.5mm	37mm	36mm	0-25-0	\$308.00
HL-4	0.002mm	0.2mm	37mm	12mm	0-100-0	\$293.00

Imperial Reading Models

Item #	Reading	Measuring Range	Indicator Diameter	Stylus Length	Graduated	Sale Price
HL-5	0.0005"	0.03"	1"	0.5"	0-15-0	\$176.00
HL-6	0.0005"	0.03"	1 1/2"	0.5"	0-15-0	\$249.00
HL-7	0.0005"	0.02"	1 1/2"	1.437"	0-10-0	\$308.00
HL-8	0.0001"	0.008"	1 1/2"	0.5"	0-4-0	\$293.00
HL-9	0.0001"	0.008"	1"	0.5"	0-4-0	\$249.00



Baty HL indicators are supplied packaged as above

HEIGHT GAUGES

Dual Plane Digital Height Gauge

Features:

- No surface plate required
- Measures offset components
- Large ground face to ensure component square when being measured
- 0.0005" / 0.010mm resolution



Dual Plane Digital Height Gauge

Item #	Description	Sale Price
DHG-300	300mm / 12"	\$331.50
DHG-600	600mm / 24"	\$663.00



Features:

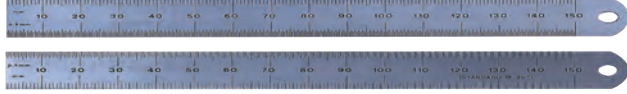
- Made in Switzerland
- Very high accuracy
- Measures heights, depths, thickness, gaps
- Measures internal, external diameters, centerline distances
- Min / max / delta features
- Built-in air cushion
- Direct RS232 output
- Supplied with setting master and certificate of accuracy



Swiss Made Height Gauges

Item #	Description	Application Range	Sale Price
V304C	300mm/12"	535mm/21"	\$6995.00
V604C	600mm/24"	835mm/32"	\$8795.00

Rules



Metric Scales Only: Two Sides, Four Edges

Item #	Rule length	Rule width	Rule thick	Front Face Graduations	Rear Face Graduations	Pk Qty	Sale Price
MWER306F	150mm	19.0mm	0.4mm	0.5mm, 1.0mm	0.5mm, 1.0mm	1	\$4.60
MWER312	300mm	25.0mm	1.0mm	0.5mm, 1.0mm	0.5mm, 1.0mm	1	\$9.95

Metric / Imperial Scales: Two Sides, Four Edges

Item #	Rule length	Rule width	Rule thick	Front Face Graduations	Rear Face Graduations	Pk Qty	Sale Price
MWER106F	150mm	19.0mm	0.4mm	1/16th, 1/32nd,	0.5mm, 1.0mm	1	\$4.60
MWER206F	/ 6"	12.5mm	0.4mm	1/64th, 1/10th,	0.5mm, 1.0mm	1	\$4.10
MWER112	300mm	25.0mm	1.0mm	1/20th, 1/50th,	0.5mm, 1.0mm	1	\$18.20
MWER212	/ 12"	12.5mm	0.4mm	1/100th of an	0.5mm, 1.0mm	1	\$7.20
MWER424	600mm / 24"	25.0mm	1.0mm	inch	0.5mm, 1.0mm	1	\$79.00

Workshop Squares



Workshop Squares: Grade B

Item #	Blade Length	Approx. Stock length (inside face)	Sale Price
MW400-3	75mm / 3"	49mm	\$10.95
MW400-4	100mm / 4"	56mm	\$11.80
MW400-6	150mm / 6"	82mm	\$24.65
MW400-9	225mm / 9"	108mm	\$38.30
MW400-12	300mm / 12"	139mm	\$66.65

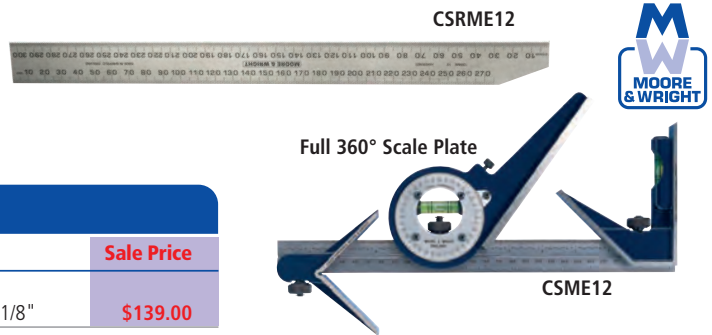
Traditional Precision Combination Set

Features:

- Fully hardened and tempered precision rules with deeply etched graduations on both sides for ease of reading and long life

Precision Combination Set

Item #	Description	Details	Sale Price
MWCSME12	Rule, 300mm / 12"	Metric graduations: in 0.5mm, numbered every 10mm. Imperial graduations: 32nds and 64ths numbered every 1/8"	\$139.00



ELM Engineers' Levels



Features:

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work

ELM Engineers' Levels

Item #	Description	Sale Price
MWELM	310 x 36 x 58mm/12.2" x 1.42" x 2.3"	\$266.00

ELS Engineers' Levels



Features:

- Main vial sensitivity of 1 minute
- Each level is fitted with a main, cross and plumb vial
- Main vial protected by rotating shroud
- Vial solution maintains colour and fluidity under all workshop conditions
- Precision ground cast base with vee groove for location on cylindrical work

ELS Engineers' Levels

Item #	Description	Sale Price
MWELS	165 x 34 x 46mm/6.5" x 1.34" x 1.80"	\$238.00

Ultralift Plus - the world's safest lifter



The **Ultralift Plus** comes with the patented 'Safety Shim' which allows pre-testing of any load to ensure a 3:1 safety factor.

The unique 'Lifting Eye Mechanism' ensures that the lifting magnet cannot be switched off when it is holding a load.



Ultralift Plus

Item #	Self Weight	Dimensions			Material Length Max	Flat Section		Round Section		Sale Price
		H	L	W		SWL	Thickness	SWL	Diameter	
IMPERIAL	lb	inches			inches	lb	inches	lb	inches	
UL0275+	8.8	2.5	6.1	2.7	60	275	0.8	110	8	\$815.00
UL 0550+	24.2	7.1	8.4	3.6	60	550	1.0	220	12	\$1110.00
UL1100+	59.4	9.8	11.8	4.8	80	1100	1.2	440	16	\$1789.00
UL2200+	138.6	12.4	14.1	6.9	120	2200	1.8	880	18	\$2972.00
UL4400+	345.4	16.6	18.8	9.2	120	4400	2.75	1760	24	\$4518.00

Ultralift LM

For general-purpose, cost-effective lifting.

Locking mechanism to prevent accidental switching.



Ultralift LM

Item #	Self Weight	Dimensions			Flat Section			Round Section			Sale Price
		H	L	W	SWL	Thickness	Length	SWL	Diameter	Length	
IMPERIAL	lb	inches			lb	inches	lb	inches	inches	inches	
LM0275	9.9	5.0	5.9	3.0	275	0.8	60	110	10	60	\$499.00
LM0550	18.7	5.8	8.3	3.5	550	1.0	60	220	12	60	\$733.00
LM1100	38.5	7.6	11.1	4.2	1100	1.2	80	440	16	80	\$1212.00
LM2200	80.3	8.5	15.4	5.4	2200	1.8	120	880	18	120	\$2051.00
LM4400	173.8	11.9	19.0	7.3	4400	2.8	120	1760	24	120	\$3258.00

Ultralift TP

Thin Plate Lifting Magnet

Specifically for safe lifting of thin plate and pressings. It even lifts single sheets from the tops of stacks. Locking mechanism to prevent accidental switching.



Ultralift TP

Item #	Self Weight	Dimensions			Material Thickness								Sale Price		
		H	L	W	0.20		0.25		0.30		0.40				
IMPERIAL	lb	inches			SWL	Length	SWL	Length	SWL	Length	SWL	Length	inches	inches	
TP330	18	6	8	4	165	60	220	60	330	60	440	60			\$678.00
TP660	33	6	14	4	330	80	440	80	660	80	880	80			\$1094.00

DISC MAGNETS

Neodymium Disc

Nickel plated neodymium disc magnets.



Neodymium Disc

Item #	Units in Pk	Dimensions	Pull Figure	Sale Price	Item #	Units in Pk	Dimensions	Pull Figure	Sale Price
N100	10	0.120"D x .060"	0.7 lb	\$1.14	N114	10	0.375"D x .125"	3.6 lb	\$1.88
N101	10	0.187"D x .060"	0.8 lb	\$1.14	N116	10	0.375"D x .200"	4.2 lb	\$2.25
N105	10	0.250"D x .100"	1.2 lb	\$1.51	N117	10	0.375"D x .250"	4.7 lb	\$2.62
N106	10	0.250"D x .125"	1.4 lb	\$1.51	N121	10	0.500"D x .125"	4.6 lb	\$2.62
N109	10	0.250"D x .250"	3.5 lb	\$1.88	N124	10	0.500"D x .250"	7.0 lb	\$3.76
N110	5	0.250"D x .500"	4.3 lb	\$3.02	N125	5	0.500"D x .375"	14.3 lb	\$5.27
N111	10	0.320"D x .250"	3.1 lb	\$2.25	N126	5	0.500"D x .500"	19.0 lb	\$6.02
N113	10	0.375"D x .100"	2.9 lb	\$1.88	N127	5	0.750"D x 0.375"	22.0 lb	\$10.52

Power

Item #	Length	Height	Width	Width of Gap	Hole Size	Weight	Max Pull	Sale Price
Imperial	inches					lbs		
811	1.181	0.787	0.787	0.590	0.197	0.13	9.9	\$18.32
812	1.575	0.984	0.984	0.787	0.197	0.26	19.8	\$22.38
813	1.771	1.181	1.181	0.906	0.197	0.40	25.9	\$34.88
814	2.283	1.377	1.594	1.094	2 x 0.311	0.81	51.7	\$70.71
815	2.756	1.625	2.251	1.342	2 x 0.311	1.56	81.5	\$123.39
816	3.125	2.125	3.250	1.515	2 x 0.374	3.19	103.4	\$233.36
817	2.374	1.575	2.440	1.250	n/a	1.75	77	\$116.77
818	3.125	2.125	3.374	1.874	n/a	3.96	132	\$199.71

Power

Material Alnico 5
Max temperature 550°C / 1022°F



Deep Pots

Item #	Diameter	Height	Thread Size	Weight	Max Pull	Sale Price
Imperial	inches				lbs	
829	0.375	0.594	M3	0.01	2.2	\$11.31
830	0.500	0.625	M4	0.033	4.4	\$15.81
831NF	0.689	0.629	10 UNF	0.051	5.8	\$8.50
832NF	0.807	0.748	10 UNF	0.088	8.8	\$9.63
833NF	1.062	1.000	10 UNF	0.187	13.4	\$13.49
834NF	1.377	1.181	10 UNF	0.405	32.5	\$22.26

Deep Pots

Material Alnico 5 (magnet),
mild steel (body),
aluminum (spacer)
Max temperature 220°C/428°F



Shallow Pots

Item #	Diameter	Height	Hole Size	M3 Screw Head	Weight	Max Pull	Sale Price
Imperial	inches					lbs	
826	0.750	0.295	0.145-0.263	M3Csk	0.02	6.6	\$8.69
827	1.125	0.344	0.189-0.339	M4 Csk	0.06	11.0	\$11.38
828	1.500	0.407	0.189-0.339	M4 Csk	0.16	28.6	\$17.81

Shallow Pots

Material Alnico 5 (magnet),
mild steel (body)
Max temperature 550°C / 1022°F



Magnetic Filtration

Micromag

Micromag can benefit any industry or application where liquids, such as lubricants, coolants, cleansers and hydraulic fluids pick up unwelcome ferrous, para-magnetic and grinding medium particles. Suitable for grinding, diesinking, wirecutting, honing, lapping, laser cutting, part washing...

Install Micromag and

- extend the life of your filters
- extend the life and efficiency of your fluids
- eliminate your disposal costs
- reduce part wear on your machinery
- improve the finish of your products
- recycle contaminated waste

All this for a one off purchase price and

- no running costs
- no consumables
- no maintenance



Contaminated Core



Cleaning the Core



Clean Core



Winner The Best New Equipment/Service Innovation Award
PMA FABTECH International and AWS Welding Show 2009

Micromag

Item #	Length	Diameter	Weight	Max Pressure	Max Flow Rate	Max Temp	Sale Price
Imperial	inches		lb	PSI	US gallons/min	°F	
MM5/1.0	7.36	1.77	5.5	174	18	122	\$975.00
MM10/1.0	12.36	3.54	11.0	174	26	122	\$1707.00
MM20/1.5	23.78	3.15	18.7	174	39	122	\$2607.00

Mechanics Vices

For General Metalworking Applications

The body and sliding jaw are manufactured from high quality grey cast iron, which has excellent shock absorbing qualities. The precision milled slide ensures a fast, smooth operation, while the fused tommy bar will bend before the vice can become over-stressed. Includes hardened steel replaceable jaws and fixing holes for bench mounting.

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Mechanics Vices

Item #	Jaw Width	Throat Depth (mm)	Opening (mm)	Clamping Force (kN)	Net Weight (kg)	Qty per Pallet	Sale Price
EMV-1	75mm/3"	48	82	20	4.8	144	\$77.92
EMV-3	100mm/4"	63	109	25	9.3	90	\$126.55
EMV-5	125mm/5"	73	136	30	15.8	40	\$152.56
EMV-6	150mm/6"	86	168	35	24.2	36	\$213.29
EMV-8	200mm/8"	103	208	45	38.1	24	\$315.73

C - Clamps

For General Metalworking Applications

Average clamping force of 300 - 800kg (660 - 1760lbs).

Guaranteed unbreakable malleable iron frame with a fast action twin start rolled acme thread. The steel swivel shoe applies an even pressure, even on angled surfaces, while the tommy bar will bend before the frame can become over-stressed.

ECLIPSE



C - Clamps

Item #	Clamping Capacity	Frame Proof Loads	Pack Qty	Sale Price
E20-3	75mm/3"	1000lbs/455kg	6	\$7.67
E20-4	100mm/4"	1200lbs/545kg	6	\$9.47
E20-6	150mm/6"	1400lbs/636kg	6	\$13.55
E20-8	200mm/8"	1700lbs/773kg	2	\$20.82
E20-10	250mm/10"	2000lbs/909kg	2	\$28.40
E20-12	300mm/12"	2500lbs/1136kg	2	\$35.17

Bolt Cutters

ECLIPSE

Features:

- High Tensile, Tubular Handles

Centre cut, strap adjusted bolt cutters with lightweight tubular handles that do not compromise strength - every pound of force applied is amplified to produce 80lbs (36kg) of force between the jaws. To maximise safety the built in stops will yield rather than break, while the drop forged jaws are machined to precise specifications for a resilient body and rigid cutting edge.



Bolt Cutters

Item #	Total Length	Max. Cutting Capacity	Pack Qty	Sale Price
ETBC14	355mm/14"	5.0mm/3/16"	20	\$24.77
ETBC18	460mm/18"	6.4mm/1/4"	10	\$28.85
ETBC24	610mm/24"	7.9mm/5/16"	8	\$39.56
ETBC30	762mm/30"	9.5mm/3/8"	5	\$55.13
ETBC36	915mm/36"	11.1mm/7/16"	4	\$70.45
EBC-EC24	610mm/24"	7.9mm/5/16"	8	\$55.42

Locking Jaw Pliers & Locking C - Clamps

For the Professional User

Body and jaws on all locking pliers made from high grade chrome molybdenum steel to withstand heavy duty working conditions, such as welding and hammer strikes. Heat treated, wear resistant serrated and hardened jaws provide a firm grip from any angle. Screw adjusts to fit the work piece and exerts a pressure that is maintained even after repetitive use. Guarded release trigger protects against accidental release whilst also enabling the tool to be quickly unlocked when required.



Locking Jaw Pliers & Locking C - Clamps

Item #	Type	Size	Box Qty	Sale Price
E10CR	Curved Jaw Locking Pliers	10"	5	\$16.79
E10R	Straight Jaw Locking Pliers	10"	5	\$14.45
E10WR	Curved Jaw Locking Pliers with Wire Cutters	10"	5	\$15.84
E11R	Locking C-Clamps with Regular Pads	11"	5	\$24.09
E11SP	Locking C-Clamps with Swivel Pads	11"	5	\$25.33
E5WR	Curved Jaw Locking Pliers with Wire Cutters	5"	5	\$12.26
E6LN	Long Nose Locking Pliers with Swivel Cutter	6"	5	\$12.78
E6R	Locking C-Clamps with Regular Pads	6"	5	\$15.41
E6SP	Locking C-Clamps with Swivel Pads	6"	5	\$16.12
E7R	Straight Jaw Locking Pliers	7"	5	\$15.22
E7WR	Curved Jaw Locking Pliers with Wire Cutters	7"	5	\$14.08

Professional Hacksaw

The world famous, best-selling hacksaw featuring a die-cast handle, tubular frame complete with an **ECLIPSE** bimetal blade. The 20T has set the standard for all other makes - but the best is still the 20T from **ECLIPSE**.



ECLIPSE

Professional Hacksaw

Item #	Description	Sale Price
20TND	18 3/8 L x 5" H	\$19.50

Automatic Centre Punch

Features:

- Delivers a punch when hand pressure applied to knurled head
- One handed operation, hammer should not be used
- Depth of impression adjusted by turning knurled head



ECLIPSE

Automatic Centre Punch

Item #	Description	Blade Length	Op. Press.	Sale Price
65-171R	4 11/16"	4"	30-5lb	\$15.60
E172	5 7/8"	4"	50-14lb	\$43.00

Jewellers' Screwdrivers

ECLIPSE



Professional Hacksaw

Item #	Description	Sale Price
777/1	Set of 6 complete screwdrivers in fitted case	\$39.95
777/2	Pocket set containing 1 screwdriver and 6 interchangeable blades	\$19.95

DISTRIBUTED BY:

Bi-Metal Hand Hacksaw Blades

Cuts through all types of materials including alloys and stainless steels. A virtually unbreakable bimetal blade for superb cutting performance, wear resistance and safety. The combination of an M2 High Speed cutting edge, electron-beam welded to a flexible alloy back, gives a level of cutting power and flexibility that is far superior to edge hardened or conventional flexible blades.

Bi-Metal Hand Hacksaw Blades

Item #	Description	Teeth/Inch	Sale Price
AA45E	12 x 1/2 x .025"	18	\$1.80
AA45V	12 x 1/2 x .025"	24	\$1.80
AA45R	12 x 1/2 x .025"	32	\$1.80

Chuck Type Tap Wrench

Features:

- Stepped jaws greatly extend range of taps for each wrench
- Adjustable (except E141 which is fixed) tommy bar for tapping close to a shoulder or other obstructions
- Available in normal and long reach designs



ECLIPSE

Chuck Type Tap Wrench

Item #	Description	Sale Price
E141	1 5/16" x 2 1/4"	\$13.00
E142	2 11/16" x 3 1/2"	\$13.60
E143	3 5/8" x 5"	\$17.15
E145	6 1/2" x 3 1/2"	\$31.50
E146	10" x 5"	\$36.80

Scribers



ECLIPSE

Chuck Type Tap Wrench

Item #	Picture #	Sale Price
E222	1	\$5.95
E220	2-steel point	\$6.60
E225	2-replaceable carbide point	\$9.40
E227	3	\$3.45
76-229R	4	\$7.50

442 Millen Road, Unit 9, Stoney Creek, Ontario, L8E 6H2, Canada

Telephone: 905 664 5585 (800 260 2124)

Fax: 905 664 7090 (800 260 1410)

Email: sales@eclipsetoolsinc.com

Website: www.eclipsetoolsinc.com

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