



***sutton***tools

# HAND TOOLS

▪ Files ▪ Punches ▪ Deburring ▪ Clamps ▪ Pliers ▪ Snips ▪ Measuring Tools



# HAND TOOLS

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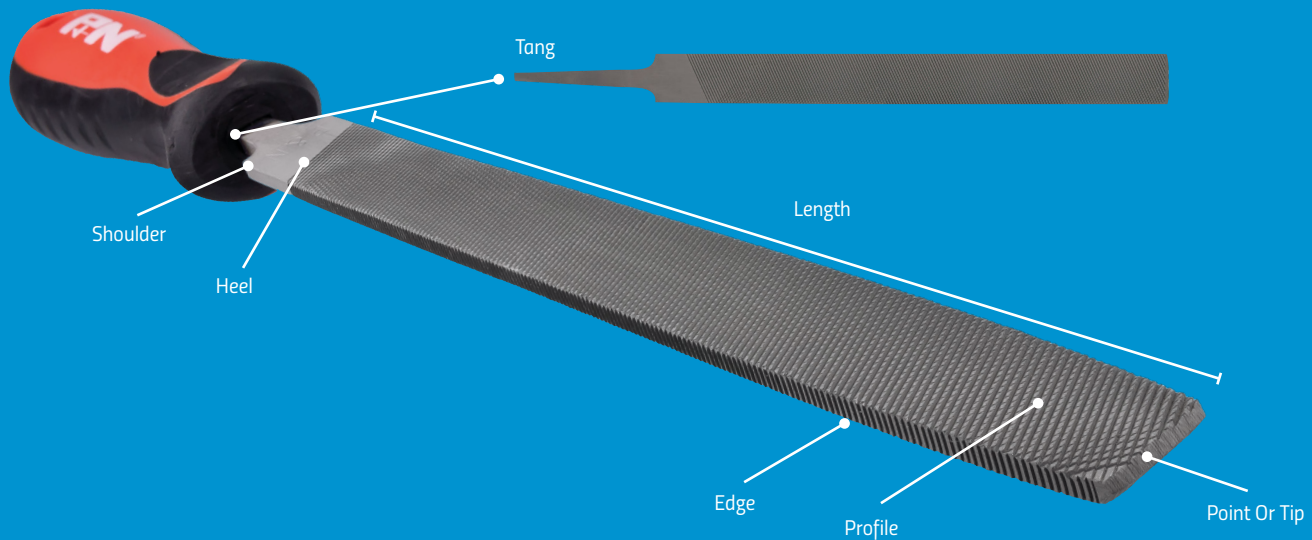
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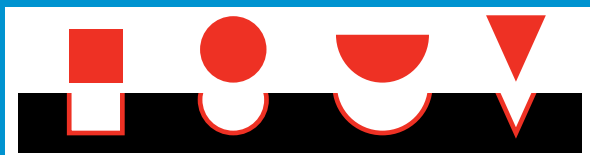
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# Choosing The Right File



## 1 Profile

The profile of your file should be the first consideration in tool selection. Choose a profile that best matches your application.



- Flat:** Multi-purpose use on flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.
- Square:** For filing slots, keyways, splines and the inside corners of rectangular or square holes.
- Round:** For filing and enlarging holes, circular or rounded grooves.
- Half-round:** For multi-purpose use on concave surfaces, crevices and the rounding out of holes. Can also be used on the flat face.
- Triangular:** Used for sharpening saw teeth and internal corners.

## 2 Length

Desired stroke length will determine the length of the file. This is measured exclusive of the tang, from point to heel.

## 3 Cut

These cuts are selected according to the material of the workpiece, the desired removal of material and the surface finish.

- Single Cut:** Single cut files (mostly all saw files are single cut) are used for sharpening and edging applications.
- Double Cut:** Need less effort for filing and also gives a good surface finish.
- Rasp Cut:** Special cut formation for rapid stock removal from surface of softer materials like wood or leather.

## 4 Coarseness



**Smooth Cut:**  
Fine finish.  
For smooth surface finish.



**Second Cut:**  
Medium to coarse finish.  
For moderate stock removal.



**Bastard Cut:**  
Coarse finish.  
For stock removal.

## How to use a file correctly

There are three methods to use a file:

- Straight filing:** Pushing the file lengthwise (straight ahead or slightly diagonally) across the workpiece.
- Draw filing:** Holding the file at each end, pushing and drawing it across the workpiece.
- Lathe filing:** Holding the file against the workpiece in a lathe.

## Holding the file

**Single Handed Operation:**

Hold with the handle resting in your palm with your forefinger at the top of the handle pointing to the tip.

**Two Handed Operation:**

Hold with the handle resting in your palm with your thumb at the top of the handle pointing to the tip.

Grip the point of the file in the other hand between the thumb and the first two fingers with the thumb being on the top of the file.

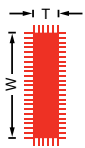
## Helpful Hints

- Hold the workpiece in a vice at a suitable height to apply adequate pressure.
- To prevent damage to workpiece, use protectors between the workpiece and vice jaws.
- When heavy pressure is required, hold file at tip with thumb pointing forward in line with the file. For lighter pressure, place thumb at right angles to file.
- File on forward stroke only, lifting on back stroke to prevent damaging the file.

## Care of the file

- A new file should be used with light pressure in the beginning, preferably on a surface which has been filed earlier.
- Keep file stored away from any water or grease.
- Retain the file packaging, or wrap the file in a cloth for protection.
- Use a wire brush to clean the file teeth.
- Do not use oil on the file.

# Files



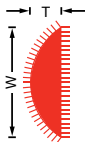
## Engineers Flat

For flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Flat</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12	3	12		300AC0042				
150	16	4	12	300AC0061	300AC0062	300AC0063	300AC1061	300AC1062	
200	20.5	4.45	12	300AC0081	300AC0082	300AC0083	300AC1081	300AC1082	300AC1083
250	25	5.80	12	300AC0101	300AC0102	300AC0103	300AC1101	300AC1102	300AC1103
300	29.8	6.1	6	300AC0121	300AC0122	300AC0123	300AC1121	300AC1122	300AC1123
350	35.5	7.1	6	300AC0141	300AC0142	300AC0143			
				<b>Aluminium</b>	<b>Magic Cut</b>				
250	25	5.8	6		300AM0104				
300	29.8	6.1	6	300AN0120	300AM0124				



## Engineers Half Round

Multi-purpose file for use on concave surfaces and crevices and the rounding out of holes.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Half Round</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12	4	12	300AE0041	300AE0042	300AE0043			
150	16.1	4.7	12	300AE0061	300AE0062	300AE0063			
200	19.8	5.9	12	300AE0081	300AE0082	300AE0083	300AE1081	300AE1082	300AE1083
250	24.6	7.3	12	300AE0101	300AE0102	300AE0103	300AE1101	300AE1102	
300	29.55	8.6	6	300AE0121	300AE0122	300AE0123	300AE1121	300AE1122	
350	34.5	10	6	300AE0141	300AE0142				



## Engineers Square

For filing slots, keyways, splines and the inside corners of rectangular or square holes.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Square</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	6	6	12	300AJ0061	300AJ0062	300AJ0063	300AJ1061		
200	7.7	7.7	12	300AJ0081	300AJ0082	300AJ0083	300AJ1081		
250	9.6	9.6	12	300AJ0101	300AJ0102	300AJ0103	300AJ1101		
300	12.2	12.2	6	300AJ0121	300AJ0122				



## Engineers Round

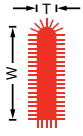
For filing and enlarging holes, circular or rounded grooves.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Engineers Round</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	3.8	3.8	12	300AG0041	300AG0042	300AG0043			
125	5	5	12	300AG0051					
150	6.3	6.3	12	300AG0061	300AG0062	300AG0063	300AG1061		
200	7.15	7.15	12	300AG0081	300AG0082	300AG0083	300AG1081		
250	9.25	9.25	12	300AG0101	300AG0102	300AG0103	300AG1101	300AG1102	300AG1103
300	12	12	6	300AG0121	300AG0122	300AG0123	300AG1121		300AG1123

# Files



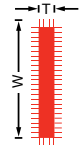
## 1 Edge Round Mill

For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of saw gullets.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>1 Edge Round Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	20.4	3.5	12	300CC0081			300CC1081		
250	25.1	4.8	12	300CC0101			300CC1101		
300	30.3	5.3	6	300CC0121			300CC1121		



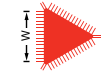
## 2 Edge Square Mill

For sharpening saws and other tools that require a fine finish.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>2 Edge Square Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	16	3	12	300CA0061			300CA1061		
200	20.4	3.5	12	300CA0081			300CA1081		
250	25.1	4.8	12	300CA0101	300CA0102		300CA1101		
300	30.3	5.3	6	300CA0121	300CA0122	300CA0123	300CA1121		
350	36	6.5	6	300CA0141					



## 3 Edge Square Mill

For sharpening saws and other tools that require a fine finish.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>3 Edge Square Mill</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	12		12	300BA0061	300BA0062	300BA0063			
200	15		12	300BA0081	300BA0082	300BA0083			
250	19		12	300BA0101	300BA0102	300BA0103			



## Slim Taper

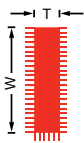
For sharpening saws with a 60° tooth angle.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Slim Taper</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	6.1		12	300BE0040			300BE1040		
110	7.2		12	300BE0045					
125	7.2		12	300BE0050					
150	8.8		12	300BE0060			300BE1060		
175	10.5		12	300BE0070					
200	12		12	300BE0080			300BE1080		
<b>Extra Slim Taper</b>									
100	5.0		12	300BG0040					
150	7.2		12	300BG0060					

# Files



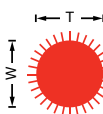
## Hand Files

General purpose parallel edge file for flat surfaces, sharp corners and deburring. Features one safe edge to prevent damage when filing into corners.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Hand Files</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
150	16	4	12	300AB0061	300AB0062	300AB0063			
200	20.5	4.45	12	300AB0081	300AB0082	300AB0083			
250	25.0	5.80	12	300AB0101	300AB0102	300AB0103			
300	29.8	6.1	6	300AB0121	300AB0122	300AB0123			



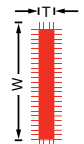
## Chainsaw Files

For sharpening chainsaws. Matched to specific chain sizes, the round edge allows the filing of saw gullets.



Discount Group: Z0402

Diameter	Length	Bulk Qty	Bulk / Unhandled		Single Pack / Handled	
			Item #	Item #	Item #	Item #
<b>Chainsaw Files</b>						
1/8	200	12	300DA0460			
5/32	200	12	300DA0580		300DA1580	
3/16	200	12	300DA0680		300DA1680	
7/32	200	12	300DA0780		300DA1780	
1/4	200	12	300DA0880		300DA1880	



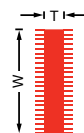
## Warding Files

For narrow slots, toolmaking and hobby applications.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Warding Files</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
100	12.1	1.4	12	300AH0041	300AH0042	300AH0043			
150	16.4	2.3	12	300AH0061	300AH0062	300AH0063	300AH1061		
200	20.5	2.9	12	300AH0081	300AH0082	300AH0083			



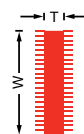
## Long Angle Lathe Files

Rapid, free cutting files designed for lathe filing.



Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Long Angle Lathe Files</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
300	29.8	6.1	6	300AL0121					



## Contact Point

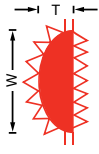
For cleaning electrical contacts such as engine distributor points, spark plugs and switches



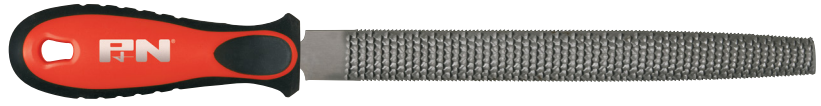
Discount Group: Z0402

Length	W	T	Bulk Qty	Bulk / Unhandled			Single Pack / Handled		
				Item #	Item #	Item #	Item #	Item #	Item #
<b>Contact Point</b>									
				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>	<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
133	11	1	12	300AP0050					

# Files

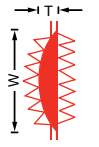


**Wood Rasp Half Round**  
Multi-purpose rasp for use on concave surfaces and crevices, and the rounding out of holes.

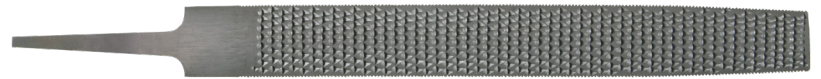


Discount Group: Z0402

Length	W	T	Bulk Qty	Item #	Bulk / Unhandled Item #	Item #	Item #	Single Pack / Handled Item #	Item #	
<b>Wood Rasp Half Round</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>		<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	19.8	5.9	12	300EA0081				300EA1081		
250	24.6	7.3	12	300EA0101				300EA1101		
300	29.55	8.6	6	300EA0121				300EA1121		
350	34.5	10	6	300EA0141						

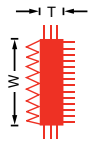


**Cabinet Rasp**  
Punched teeth for rapid removal of soft materials – wood, soft plastics, fibreglass, soft metals. Gives finer finish than wood rasp.

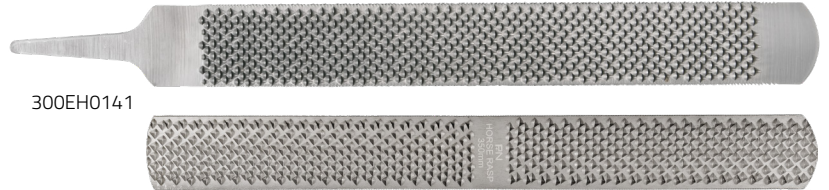


Discount Group: Z0402

Length	W	T	Bulk Qty	Item #	Bulk / Unhandled Item #	Item #	Item #	Single Pack / Handled Item #	Item #	
<b>Cabinet Rasp</b>				<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>		<b>Bastard</b>	<b>2nd Cut</b>	<b>Smooth</b>
200	23.5	4.5	12	300EC0081	300EC0082			300EC1081		
250	29	6	12	300EC0101	300EC0102			300EC1101		
300	34.5	6.5	6		300EC0122					



**Horse Rasp**  
Double ended, rasp teeth on one side, file teeth on other. Ideal for shoeing racetrack and riding horses.

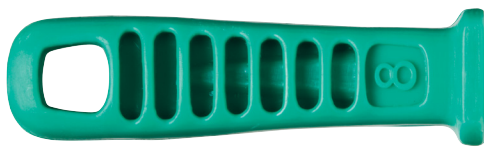


300EH0141

300EH0142

Discount Group: Z0402

Length	W	T	Bulk Qty	Item #	Bulk / Unhandled Item #	Item #	Item #	Single Pack / Handled Item #	Item #
<b>Horse Rasp</b>				<b>Tanged</b>	<b>No Tang</b>				
350	42	5.5	6	300EH0141	300EH0142				



**Handles (Bulk)**  
Economy range. Designed to suit the complete range of P&N Files.

Discount Group: Z0402

File Length	Qty	Item #	Barcode
<b>Bulk</b>			
100	12	300H00004	9311744156610
150	12	300H00006	9311744156627
200	12	300H00008	9311744156634
250	12	300H00010	9311744156641
300	12	300H00012	9311744156658

**Handles (Single Pack)**  
Soft grip. Designed to suit the complete range of P&N Files.

Discount Group: Z0402

File Length	Qty	Item #	Barcode
<b>Hang Pack</b>			
100	1	300SGK003	9311744436859
150	1	300SGK004	9311744436866
200-250	1	300SGK005	9311744436873
300	1	300SGK006	9311744436880



**Metal File Brush**  
Ideal brush to remove particles or pins of metal that has become clogged between the teeth of metal files. It is also suitable for surface preparation like removing filings, dirt, rust, burrs, corrosion and other buildup on metal. Ideal for handyman, home improvement and DIY projects.

Discount Group: Z0102

File Length	Qty	Item #	Barcode
190mm	1	300FB1955	9311744445653





Sets

Compact storage ideal for your tool box or workshop.



300SE0065^

300SE0083^

300SET004^

300SE0085^

300SE0105^

Discount Group: Z0402

Contents	Case	Pieces	Item #	Barcode
<b>Hand File Sets^</b>				
<b>150mm</b> Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	Nylon Zip	5	300SE0065	9311744445554
<b>200mm</b> Bastard: Flat, Round 2nd Cut: Half Round	Nylon Zip	3	300SE0083	9311744445141
<b>200mm</b> Bastard: Flat, Half Round, Round, Square	Nylon Zip	4	300SET004	9311744438129
<b>200mm</b> Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	Nylon Zip	5	300SE0085	9311744445158
<b>250mm</b> Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	Nylon Zip	5	300SE0105	9311744445165



386911607

Discount Group: Z0402

Contents	Case	Pieces	Item #	Barcode
<b>Needle File Set</b>				
<b>160mm</b> File Handle, Warding-flat, Three Square, Flat, Square, Round, Half Round	Plastic	7	386911607	9311744438136

^New look packaging depicted. Actual product packaging may differ from image shown.

## Files Needle Files



Discount Group: Z0404

Shape	Style	Length	Pieces	Order Qty*	Item #	Barcode
<b>Needle Files (with integrated, round handle)</b>						<b>M305</b>
	Pillar	160	1	12	M305 M001	9311963708744
	Half Round	160	1	12	M305 M002	9311963708751
	Crossing	160	1	12	M305 M003	9311963708768
	Knife Edge	160	1	12	M305 M005	9311963708775
	Warding	160	1	12	M305 M006	9311963708782
	Triangle	160	1	12	M305 M007	9311963708799
	Square	160	1	12	M305 M008	9311963708805
	Oval	160	1	12	M305 M009	9311963708812
	Round	160	1	12	M305 M010	9311963708829
	Barrett	160	1	12	M305 M011	9311963708836
	Crochet	160	1	12	M305 M015	9311963708850
	Pillar (Round edges)	160	1	12	M305 M016	9311963708867
<b>Needle File Sets (in plastic wallet)</b>						
Contains 1 each: M001, M002, M006, M007, M008, M010			6	1	M305 M020	9311963708959
Contains 1 each: M001, M002, M003, M005, M006, M007 M008, M009, M010, M011, M015, M016			12	1	M305 M060	9311963708966

\*Orders in multiples of 12

## Punches Carbon Steel

# suttontools

Made from high quality carbon steel.

The point is hardened and tempered to withstand continuous use.  
All punches have well cut knurling to provide positive finger grip.



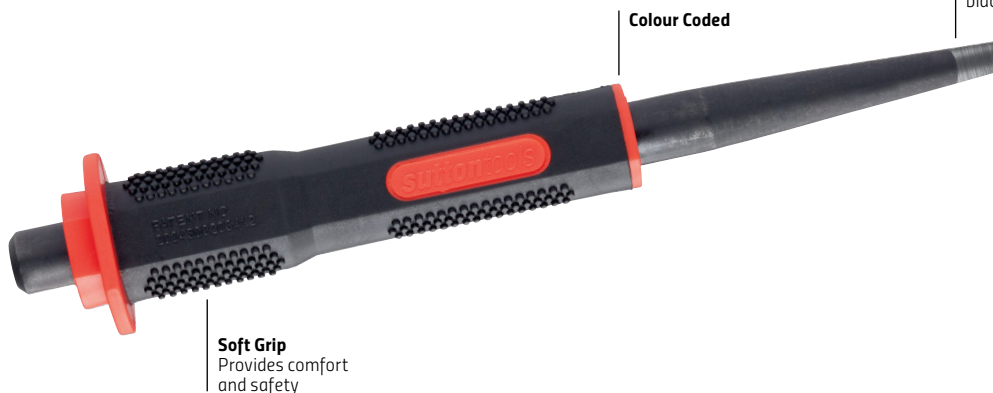
Discount Group: Z0602

Description	Pieces	Item #	Barcode
<b>Short Pin Punches</b>			
Set: 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 6.5mm	7	M700 PP7S	9311963153025
<b>Long Pin Punches</b>			
Set: 2.5, 3.0, 4.0, 5.0, 6.0, 6.5, 8.0, 10.0mm	8	M701 PP8L	9311963109312

# Punches

## suttontools

All Sutton punches are made from high quality chrome vanadium steel, black oxide. The point is hardened and tempered to withstand continuous use. Ergonomic soft rubber grip provides comfort and safety.



**High quality**  
Made from high quality chrome vanadium steel, black oxide

**Soft Grip**  
Provides comfort and safety

Discount Group: Z0602

Description	O/A Length	Pieces	Item #	Barcode
<b>Roofing Punches</b>				<b>M711</b>
6.0	195	1	M711 0600	9311963569956
<b>Flooring Punches</b>				<b>M712</b>
5.0	185	1	M712 0500	9311963569963
<b>Centre Punches</b>				<b>M707</b>
2.0	165	1	M707 0200	9311963569628
3.0	165	1	M707 0300	9311963569635
4.0	175	1	M707 0400	9311963569642
5.0	175	1	M707 0500	9311963569659
6.0	175	1	M707 0600	9311963569666
8.0	185	1	M707 0800	9311963569673
10.0	185	1	M707 1000	9311963569680
12.0	185	1	M707 1200	9311963569697
Set (2, 3, 4, 5, 6mm)		5	M707 0005	9311963569703
<b>Nail Punches</b>				<b>M709</b>
1.5	160	1	M709 0150	9311963569802
2.0	175	1	M709 0200	9311963569819
2.5	175	1	M709 0250	9311963569826
3.0	175	1	M709 0300	9311963569833
4.0	175	1	M709 0400	9311963569840
5.0	180	1	M709 0500	9311963569857
6.0	180	1	M709 0600	9311963569864
Set (2, 3, 4, 5, 6mm)		5	M709 0005	9311963569871
<b>Pin Punches</b>				<b>M706</b>
2.0	165	1	M706 0200	9311963569536
3.0	175	1	M706 0300	9311963569543
4.0	185	1	M706 0400	9311963569550
5.0	200	1	M706 0500	9311963569567
6.0	200	1	M706 0600	9311963569574
8.0	210	1	M706 0800	9311963569581
10.0	220	1	M706 1000	9311963569598
12.0	230	1	M706 1200	9311963569604
Set (2, 3, 4, 5, 6mm)		5	M706 0005	9311963569611
<b>Cold Chisels</b>				<b>M710</b>
10	165	1	M710 1000	9311963569888
12	165	1	M710 1200	9311963569895
16	175	1	M710 1600	9311963569901
19	175	1	M710 1900	9311963569918
22	190	1	M710 2200	9311963569925
25	210	1	M710 2500	9311963569932
Set (10, 12, 16, 19, 25mm)		5	M710 0005	9311963569949
<b>Bolsters with Hand Guard</b>				<b>M713</b>
Brick 75 x 19mm	225	1	M713 7519	9311963569987



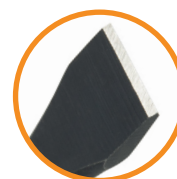
**Centre Punch**  
Typically used as an aid to drilling operations. A drill will have a tendency to wander on the surface until it gains sufficient purchase to start cutting a hole.



**Nail Punch**  
A nail punch is a short steel rod, usually tapered; used to drive a nail or brad below, or flush with, a wood surface.



**Pin Punch**  
A pin punch is used as a driving tool, typically, as the name implies, to drive pins that are used to affix a fixture to a rotating shaft.



**Cold Chisel**  
A cold chisel is a tool made of tempered steel used for cutting 'cold' metals and are not used in conjunction with heat. Cold chisels are used to remove waste metal when a very smooth finish is not required.

## SHAVIV by VARGUS

VARGUS Ltd, established in 1960, is a world leading developer, manufacturer and supplier of cutting and finishing tools to the metalworking and plastics industries. VARGUS is a member of the NEUMO Ehrenberg Group, a diversified multi-national organisation headquartered in Germany.



See it in action

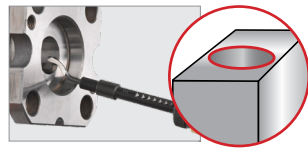
## The Finishing Touch



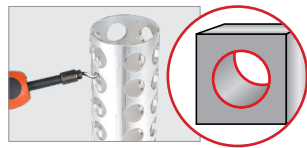
## Applications Guide



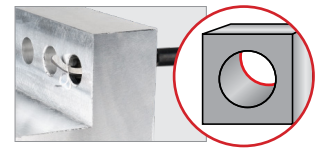
**Straight Edge**  
For Sets: B, E, HC, Burr-Bi



**Hole Edge**  
For Sets: B, E, F, HC



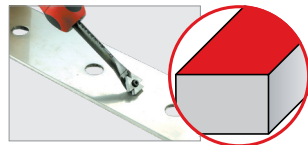
**Cross-Hole Both Edge**  
For Sets: E



**Hole Back-Edge**  
For Sets: E, HC



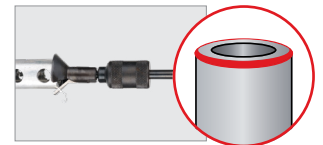
**Hole Inner Surface**  
For Sets: HC



**Flat Surface**  
For Sets: HC



**Sheets**  
For Sets: Burr-Bi



**Outer Edge**  
For Plumber Kit

## The Tools of Choice for Industrial Use

SHAVIV deburring blades, sets, kits and tools are the choice of leading companies in the die and mold, automotive, aviation, plastics, electronics assembly, piping and other industries.



Die & Mold



Electrical



Plastic



Automotive



Metal



Plumbing



Aviation



Order your  
**FREE**  
**WALL CHART**  
(450 x 720mm)  
Item # GP5603



# Deburring Glo-Burr E - Heavy Duty

**NEW**



Glo-Burrs offer a light, yet sturdy solution for hand deburring applications, suitable with all E Series Heavy Duty blades. Designed for deburring of steel, aluminium, copper and plastic, they are great for on-the-go.

**Features:**

- Lightweight, easy-to-grip handle, made from specially engineered reinforced plastic
- Colour coding for each tool and application
- Interchangeable blades
- Convenient pocket clip
- Removable cap for blade storage



E100 E200 E300 E111



Straight Edge



Hole Edge

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Glo-Burr + E100	Glo-Burr (Green)	E100	SH25529155	9311963636696
Glo-Burr + E200	Glo-Burr (Red)	E200	SH25500268	9311963636702
Glo-Burr + E300	Glo-Burr (Yellow)	E300	SH25500267	9311963636719
Glo-Burr + E111	Glo-Burr (Blue)	E111	SH25500270	9311963636726



**Glo-Burr + E100 (Green)**  
Deburrs materials with spiral chips



**Glo-Burr + E200 (Red)**  
Rotates clockwise and counter-clockwise for materials with powdery chips



**Glo-Burr + E300 (Yellow)**  
Deburrs inside and outside of holes up to 0.24" (6.0 mm) thick



**Glo-Burr + E111 (Blue)**  
Extra thin. Deburrs holes with min. diameter 0.06" (1.5 mm)



Section Index

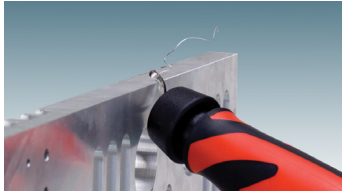
## Deburring Sets Extra Close - Multi-Purpose

# SHAVIV

Leading Deburring Solutions

## mango II

Works with all B and E blades.  
 Permanent adapters for simple blade replacement.  
 Comfortable, ergonomic handle for standard-sized hands.  
 For deburring materials with spiral or powdery chips.  
 Deburrs Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Hole Edge



Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Mango IIB + 1	Mango IIB	B10	SH25590058	9311963624617
Mango IIB + 2	Mango IIB	B10, B20	SH25590060	9311963624624
Mango IIB + 4	Mango IIB	B10, B11, B20, B25	SH25590061	9311963624631

## Deburring Sets Extra Close - Heavy Duty

# SHAVIV

Leading Deburring Solutions

## mango II

Works with all B and E blades.  
 Permanent adapters for simple blade replacement.  
 Comfortable, ergonomic handle for standard-sized hands.  
 For deburring materials with spiral or powdery chips.  
 Deburrs Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Hole Edge



Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Mango IIE + 1	Mango IIE	E100	SH25590066	9311963624587
Mango IIE + 3	Mango IIE	E100, E200, E300	SH25590068	9311963624594
Mango IIE + 5	Mango IIE	E100, E111, E120, E200, E300	SH25500162	9311963624600

Section Index

## Deburring Sets Extra Close - Bonus Handle

**SHAVIV**  
Leading Deburring Solutions

**mango II**

Bonus Packs feature plastic 10-pack packaging for easy storage and removal. Cobalt blades excellent for longer blade life - and great on high end material such as stainless steel.

Each Bonus Pack includes 10 blades and **FREE** Mango II handle. Available with HSS or Cobalt E100 blades.



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Cross-Hole Both Edges

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
<b>HSS 10 X E100</b>	Mango II	10 x E100 (HSS)	SH25500178	9311963624686
<b>Cobalt 10 X E100</b>	Mango II	10 x E100S (Cobalt)	SH25500179	9311963624693

## Deburring Sets Heavy Duty Sheet Cleaner

**SHAVIV**  
Leading Deburring Solutions

**mango II**

For heavy-duty deburring of materials with single or double straight edges up to 0.56" (14mm) thick.

Holder can take two R10 or R20 blades for arc-shaped finishes on workpieces up to 0.63" (16mm) thick. Handguard attached for worker safety.

Deburr's Steel, Aluminium, Copper, Brass, Cast Iron and Plastics.



Straight Edge



Sheets

R10



A" side for" spiral chips



B" side for" powdery chips



BR

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
<b>Mango II Set Burr-Bi</b>	Mango II	R10 x 2	SH25500206	9311963624853

## Deburring Long Reach - Heavy Duty



Rugged deburring set for heavy-duty deburring of holes, slots and edges.  
E holder supports all E blades.

The most recommended handle for comfort and control in deburrings.

Simple holder mechanism.

Comfortable, ergonomic handle for standard-sized hands.



Straight Edge



Hole Edge



Cross-Hole  
Both Edges

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Mango II Set E	Mango II	E100, E200, E300	SH25590065	9311963624648

## Deburring Long Reach - Countersink



Powerful tool, excellent for chamfering and countersinking.

Use for hole-edge applications with up to 0.79" (20mm) diameter.

The most recommended handle for comfort and control in deburrings.

Simple holder mechanism.

Comfortable, ergonomic handle for standard-sized hands.



Hole Edge

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Mango II Set F	Mango II	F20	SH25590071	9311963624747



## Deburring Classic Handle



The classic universal handle. Accepts all Shaviv blade holders.  
To store spare blades inside handle, simply unscrew the back cap.



Discount Group: Z1003

Description	# Item	Barcode
Classic Handle A	SH25200003	9311963624679

## Deburring Handy Chuck

Delivers pin vise versatility for finishing and scraping applications.

Also used for gripping miniature files, drills, reamers, taps, wires, countersinks and other small objects - 0.04"-0.32" (1-8 mm) in diameter.

Handy for assembling electronic components and watch repair.



C50



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Hole Back-Edge

Discount Group: Z1003

Set Name	Handle	Blades included	# Item	Barcode
Shaviv Set HCS	Handy Chuck Pin Vise	C50	SH25500163	9311963624662

## Deburring DisposaBurr

Strong, yet lightweight.

Features convenient pocket clip.

Deburrs Steel, Aluminium, Copper and Plastics. Disposable.

Comes with heavy-duty E100 blade.



Straight Edge



Hole Edge



Flat Surface



Hole Inner Surface



Cross-Hole Both Edges



E100

Discount Group: Z1003

Set Name	Handle	Blade included	# Item	Barcode
UB1 DisposaBurr	DisposaBurr	E100	SH25529181	9311963624655

# Deburring Professional Kits

# SHAVIV

Leading Deburring Solutions

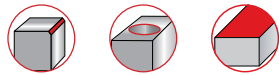
Industry tailored, carefully selected deburring tools suitable for specific tasks in a single kit.



### Do It Yourself Kit

The essential deburring tools for general home use, DIYers and craftsmen.

The kit contains 9 multi-purpose tools for deburring a wide range of metals, wood and plastic.



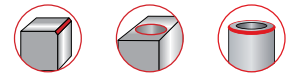
Straight Edge Hole Edge Flat Surface



### Plumber Kit

Complete burr removal kit for plumbers. Ideal for use on inner and outer edges of tubes.

The kit contains 8 multi-purpose tools for deburring and chamfering metal and plastic.



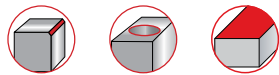
Straight Edge Hole Edge Outer Edge



### Electrician Kit

The most essential deburring tools for electricians.

The kit contains 7 multi-purpose tools for deburring and chamfering metal and plastic.



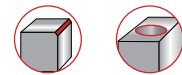
Straight Edge Hole Edge Flat Surface



### Aluminium Works Kit

The easiest and fastest way to hand deburr aluminium material.

The kit contains 6 multi-purpose tools for deburring and chamfering a wide range of aluminium works.



Straight Edge Hole Edge






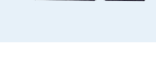
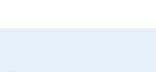
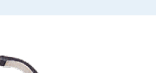






Discount Group: Z1003

Set Name	Handle	Holder	Countersink	Blades included	# Item	Barcode
<b>Do It Yourself Kit</b>	Ergonomic Handle for Standard & Heavy Duty Applications	M Holder For B & E Blades for Standard & Heavy Duty Applications	-	HSS E100, HSS E111, HSS E250, HSS E400, Glo Burr B Yellow Handle with HSS B30, HSS B20	SH25400051	9311963624709
<b>Electrician Kit</b>	Ergonomic Handle for Standard & Heavy Duty Applications	F Holder	F12 Inner	MB2000 Handle with HSS E100, HSS E111, HSS E400	SH25400054	9311963624716
<b>Plumber Kit</b>	Ergonomic Handle for Standard & Heavy Duty Applications	F Holder	F26X Outer Diameter	Glo-Burr E Handle with HSS E100, 3 x HSS E100	SH25400055	9311963624723
<b>Aluminium Works Kit</b>	Aluminium Handle	F Holder	F12 Inner	MB2000 Handle with HSS E200, HSS E300	SH25400056	9311963624730

# Deburring Selection Chart



Discount Group: Z1003

Blade Name	Description	Blade (Work Direction Shown)	Applications					Materials							Pce	# Item	Barcode			
			Straight Edge	Hole Edge	Cross-Hole Both Edges	Hole Back-Edge	Sheet	Steel	Aluminium	Copper	Brass	Cast Iron	Stainless Steel	Plastics				Wood		
B10	HSS. Deburs materials with spiral chips. Bulk pack available.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							2	SH25129212	9311963624556	
																		5	SH25129512	9311963624563
																			10	SH25129012*
B20	HSS. Rotates clockwise and counter-clockwise.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					2	SH25119219	9311963624280	
																		5	SH25119519	9311963624297
																			10	SH25119019*
B30	Simultaneously deburs the inside and outside of holes up to 0.16" (4 mm) thick.				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							2	SH25129223	9311963624310	
																		5	SH25129523	9311963624327
																			10	SH25129023*
B60	HSS. Removes burrs from back edge of holes up to 0.78" (20 mm) thick.					<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							2	SH25129227	9311963624341	
																		5	SH25129527	9311963624358
																			10	SH25129027*
E100	Heavy-duty HSS. Deburs materials with spiral chips.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						2	SH25129234	9311963624372	
																		5	SH25129534	9311963624389
																			10	SH25129034*
E110	E shaft, B10 cutting edge for materials with spiral chips. Deburs holes with min. diameter 0.08" (2 mm).		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		2	SH25129238	9311963624402	
																		5	SH25129538	9311963624419
																			10	SH25129038*
E200	HSS for materials with powdery chips. Rotates clockwise and counter-clockwise.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2	SH25129240	9311963624433	
																		5	SH25129540	9311963624440
																			10	SH25129040*
E300	HSS for materials with spiral chips. Simultaneously deburs the inside and outside of holes up to 0.24" (6 mm) thick.				<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						2	SH25129242	9311963624464	
																		5	SH25129542	9311963624471
																			10	SH25129042*
E350	HSS for materials with powdery chips. Rotates clockwise and counter-clockwise.		<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		2	SH25129244	9311963624495	
																		5	SH25129544	9311963624501
																			10	SH25129044*
E600	HSS. Removes burrs from back-edges of holes up to 0.78" (20 mm) thick.					<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						2	SH25129245	9311963624525	
																		5	SH25129545	9311963624532
																			10	SH25129045*
F12	Countersink for hole-edges with up to 0.47" (10 mm) diameter.			<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1	SH25129049	9311963624754	
F20	Countersink for hole-edges with up to 0.78" (20 mm) diameter.			<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1	SH25129050	9311963624761	
F30	Countersink for hole-edges with up to 1.18" (30 mm) diameter.			<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1	SH25129051	9311963624778	
R20	Double-edged, round HSS blade for massive deburring tasks on materials with spiral chips.		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						10	SH25129142	9311963624846	

\*Pricing for 1 blade in a bulk pack of 10

# Pliers Self Adjusting, Lockjaw



These pliers provide the versatility of a standard plier plus more. Traditional pliers require two hands to adjust the jaw open. Lockjaw™ self adjusting capability makes jobs faster and easier.



### Discount Group: Z1002

Description	Jaw Opening	Item #	Barcode
<b>Curved Jaw</b>			
175mm Curved Jaw	28mm	L2100150	9311963628127
250mm Curved Jaw	48mm	L2100250	9311963628134
<b>Straight Jaw</b>			
250mm Straight Jaw	35mm	L2110250	9311963628141
<b>Needle Nose</b>			
200mm Needle Nose	55mm	L2120175	9311963628158
<b>C-Clamps</b>			
230mm C-Clamp	62mm	L2130175	9311963628165
230mm C-Clamp with Swivel Pads	63mm	L2140175	9311963628189
330mm C-Clamp	62mm	L2130275	9311963628172
330mm C-Clamp with Swivel Pads	80mm	L2140275	9311963628196
<b>C-Clamps Extended Reach</b>			
290mm Extended Reach C-Clamp	112mm	L2170250	9311963628226
290mm Extended Reach C-Clamp with Swivel Pad	80mm	L2180250	9311963628233
455mm Extended Reach C-Clamp	220mm	L2150480	9311963628202
455mm Extended Reach C-Clamp with Swivel Pad	220mm	L2160480	9311963628219
<b>Welding Clamp</b>			
225mm Welding Clamp	41mm	L2190225	9311963628240
<b>Table C-Clamp</b>			
275mm Table C-Clamp	90mm	L2200275	9311963629377
<b>Sheet Metal Welding Clamps<sup>^</sup></b>			
205mm Sheet Metal Welding Clamp		L2210205	9311963636481
250mm Sheet Metal Welding Clamp		L2210250	9311963636498
<b>Sets</b>			
175mm Curved Jaw, 250mm Curved Jaw		L2920001	9311963628257
250mm Curved Jaw, 200mm Needle Nose		L2920002	9311963628264
175mm Curved Jaw, 250mm Curved Jaw, 200mm Needle Nose		L2930001	9311963628271

**A. Curved Jaw:** Lockjaw curved jaw pliers are innovative, heavy duty and time saving tools, built for professionals.

**B. Straight Jaw:** Lockjaw straight jaw pliers are innovative, heavy duty and time saving tools, built for professionals.

**C. Needle Nose:** Long heavy-duty gripping nose provides excellent control and reach for work in confined spaces.

**D. C-Clamp:** Wide opening jaws provide greater versatility in clamping a variety of shapes.

**Swivel C-Clamp:** Wide opening jaws with swivel pads which allow parallel clamping while preventing denting or gouging on delicate surfaces.

**E. Extended Reach Clamp:** Similar to the C-Clamp, these pliers offer a deeper throat for extra reach.

**Swivel Extended Reach Clamp:** Swivel pads allow parallel clamping while preventing denting or gouging on delicate surfaces.

**F. Welding Clamp:** For use in welding applications or for holding awkward shapes in place. Forked jaws provide greater visibility.

**G. Table C-Clamp:** Ideal for clamping objects to tables or work surfaces while drilling, cutting, grinding or other workshop tasks. Can be fixed to a machine T-Slot table for moving into the ideal position or securely bolted.

**H. Sheet Metal Welding Clamp:** Ideal for securing flat sheets of metal for welding or other work. Spreads the clamping pressure to avoid damage on soft materials. Clamping action can be customized to the material thickness by adjusting the bolt.  
**^Not self-adjusting automatic.**

NEW

Section Index

# Clamps Lockjaw



Lockjaw clamps provide intelligent designs with user friendly characteristics, making them the choice for industrial workers, professionals and DIY users



A.



B.



C.



D.

Discount Group: Z1002

Description	Item #	Barcode
<b>One Hand Aluminium Clamp</b>		
150mm	L1100150	9311963625720
300mm	L1100300	9311963625737
450mm	L1100450	9311963625744
600mm	L1100600	9311963625751
<b>One Hand Dual Clamp</b>		
150mm	L1120150	9311963625799
300mm	L1120300	9311963625805
450mm	L1120450	9311963625812
600mm	L1120600	9311963625829
<b>Ratchet Clamp</b>		
38mm Jaw Width - Small	L1110038	9311963625768
63mm Jaw Width - Medium	L1110063	9311963625775
100mm Jaw Width - Large	L1110100	9311963625782
<b>Parallel Clamp (100mm Jaw Depth)</b>		
300mm	L1130300	9311963625836
600mm	L1130600	9311963625843
900mm	L1130900	9311963625850

**A. One Hand Aluminium Clamp:**

- Heavy duty design for industrial and professional application
- Aluminium alloy clamp body to withstand great clamp pressure
- Maximum clamping force up to 350kgs

**B. One Hand Dual Clamp:**

- Changeable pads between V-grooved or flat TPR grip pads for clamping different objects without marking
- Nylon composite clamp body with strengthen carbon steel bar
- Maximum clamping force up to 200kgs

**C. Ratchet Clamp:**

- Patented ratchet mechanism with easy release trigger
- V-grooved swivelling pads
- Nylon composite body

**D. Parallel Clamp:**

- Light weight smooth carbon steel bar and aluminium body
- Easy conversion into spreader without additional tools
- Large TPR grip pads
- Maximum clamping force up to 400kgs



# FORGED SINCE 1886.

We can't be certain on what day back in 1886 George DeArment loaded up his wagon with hand-crafted tools that he had made and set out from Evansburg, PA, to sell his wares. Likely, it was in the spring, after the muddy roads had hardened enough to allow a heavily laden wagon to pass.

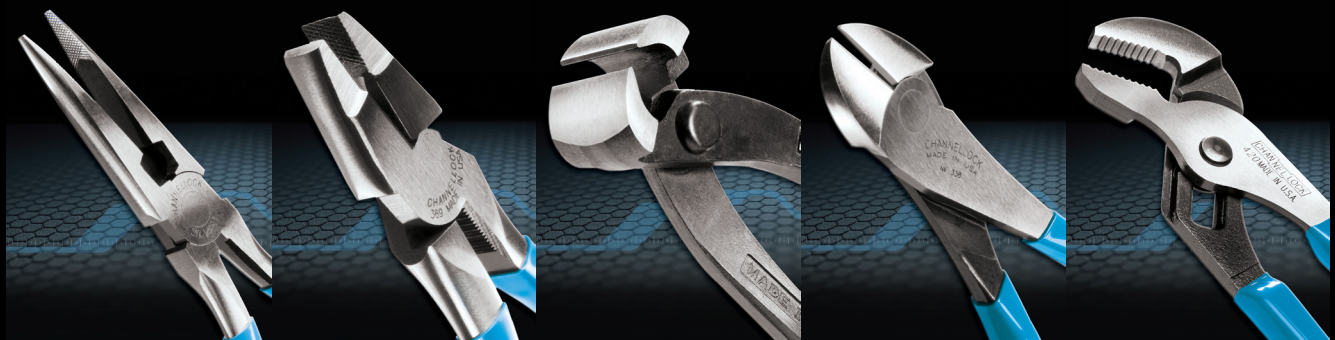
But this we do know: what George DeArment put in motion that unnamed first day has not only lasted but prospered for the decades that followed.

Through five generations, we owe our success in no small measure to the guiding principles that George would later pen and put into practice:

- 1. Good management is never far from the factory floor.**
- 2. People count more than machines.**
- 3. Bigger does not always mean better.**
- 4. Dedication to excellence is the surest way to surmount adversity and to prosper.**

Channellock, Inc. is a company that has stood the test of time by making tools that do the same. Our tools, our values and our name are built to last.

**Not a bad start. Not too bad at all.**



## Pliers Long Nose

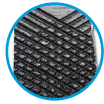


Check out the demo

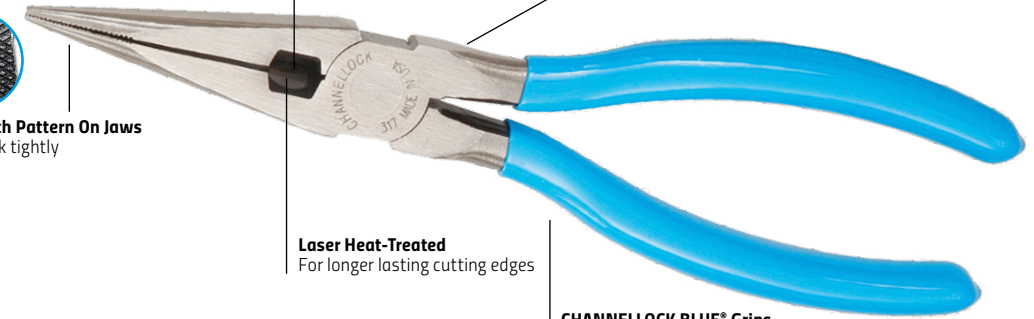
CHANNELLOCK® Long Nose Pliers are engineered to operate in tight spaces. A crosshatched teeth pattern provides reliable grip in either direction, while a narrow nose profile provides extra precision.

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life.

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

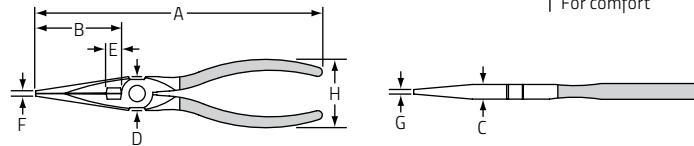


**Crosshatch Pattern On Jaws**  
Grips work tightly



**Laser Heat-Treated**  
For longer lasting cutting edges

**CHANNELLOCK BLUE® Grips**  
For comfort



Discount Group: Z1001

A	B	C	D	E	F	G	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Nose Thickness	Handle Span		
203	60	10	22	10	4	3	48	317	025582121974

## Pliers Long Nose, Insulated



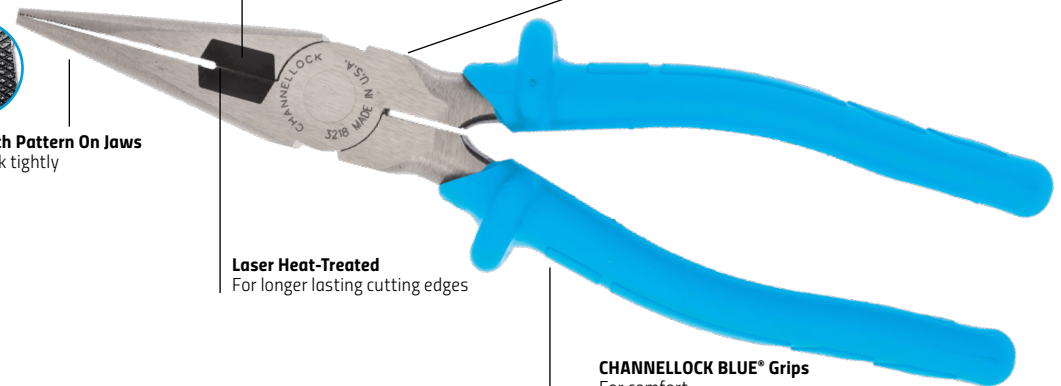
Nose is long and slim for tight spots. Insulated to 1000V. Perfectly mated cutters are hand honed and hardened to hold their edge.

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life.

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

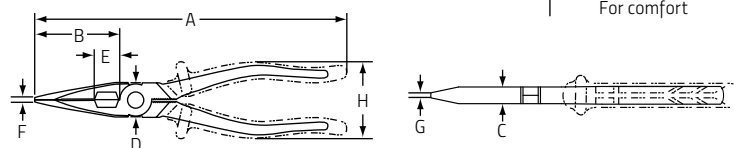


**Crosshatch Pattern On Jaws**  
Grips work tightly



**Laser Heat-Treated**  
For longer lasting cutting edges

**CHANNELLOCK BLUE® Grips**  
For comfort



Discount Group: Z1001

A	B	C	D	E	F	G	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Nose Thickness	Handle Span		
205	61	13	25	17	4	4	56	3218	025582508515

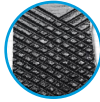
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## Pliers Linemen's, Insulated

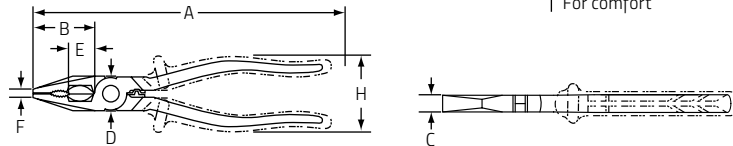
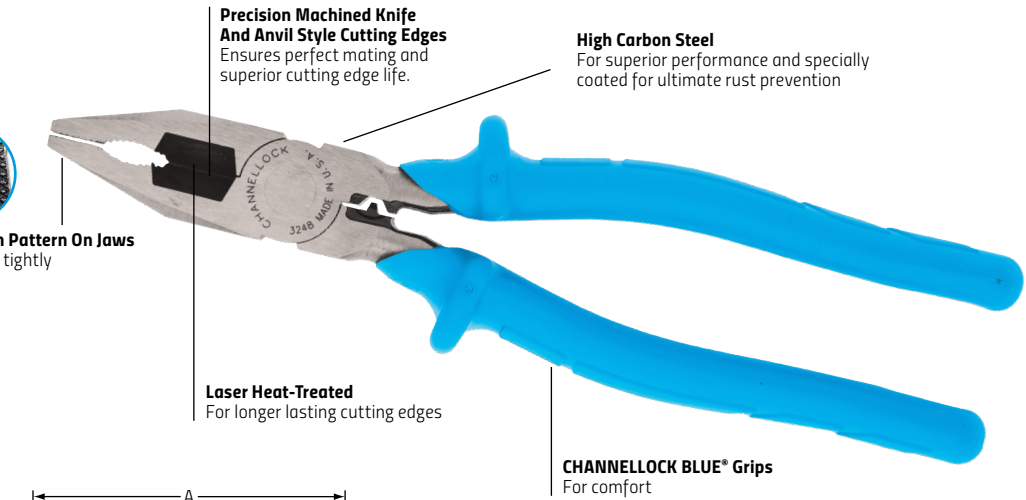


Check out the demo

Insulated to 1000 Volts these pliers are ideal for electrical tradespeople.



**Crosshatch Pattern On Jaws**  
Grips work tightly



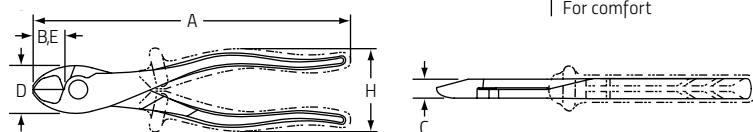
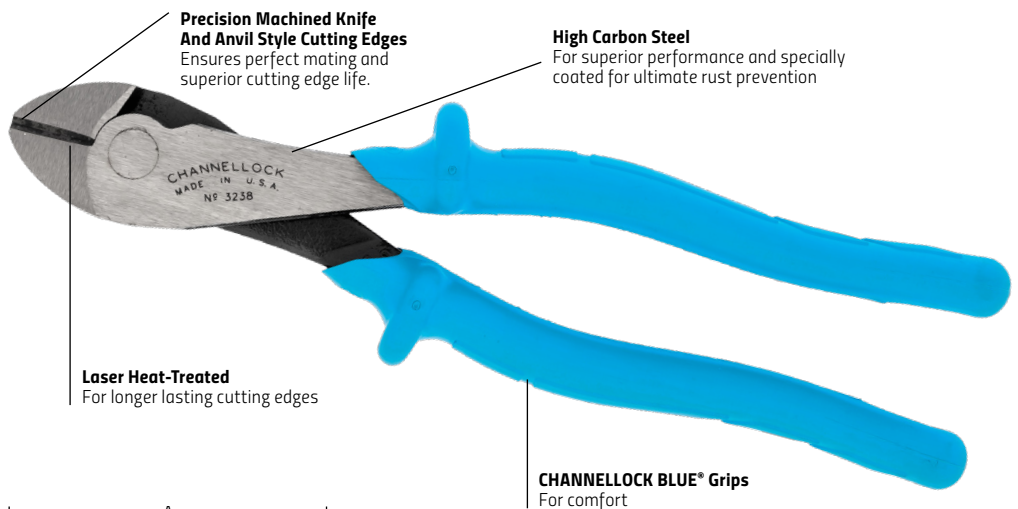
Discount Group: Z1001

A	B	C	D	E	F	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Handle Span	3248	025582144676
219	45	13	25	18	7	55		

## Pliers Cutting, Insulated



Insulated to 1000 Volts these pliers are ideal for electrical tradespeople.



Discount Group: Z1001

A	B	C	D	E	F	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Handle Span	3238	025582508614
226	19	11	30	19	-	54		

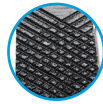
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## Pliers Cutting, Insulated - XLT Combination



Insulated to 1000 Volts these pliers are ideal for electrical tradespeople.



**Crosshatch Pattern On Jaws**  
Grips work tightly

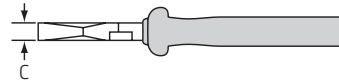
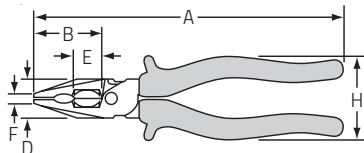
**Laser Heat-Treated**  
For longer lasting cutting edges

**Xtreme Leverage Technology (XLT™)**  
Considerably less force required to cut

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life.

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**Insulated Grips**  
Tested to 10,000 VAC and rated for 1,000 VAC



Discount Group: Z1001

A	B	C	D	E	F	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Handle Span		
206	44	12.5	25.5	17	7	55.5	348I	025582837219

## Pliers Cutting, Insulated - XLT Diagonal



Insulated to 1000 Volts these pliers are ideal for electrical tradespeople.



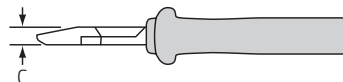
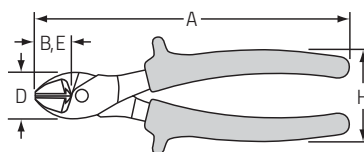
**Laser Heat-Treated**  
For longer lasting cutting edges

**Xtreme Leverage Technology (XLT™)**  
Considerably less force required to cut

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life.

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**Insulated Grips**  
Tested to 10,000 VAC and rated for 1,000 VAC



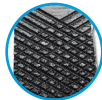
Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
187.45	22	11.5	28	22	55	337I	025582837417

# Pliers Cutting, Insulated - XLT Long Nose



Insulated to 1000 Volts these pliers are ideal for electrical tradespeople.



**Crosshatch Pattern On Jaws**  
Grips work tightly

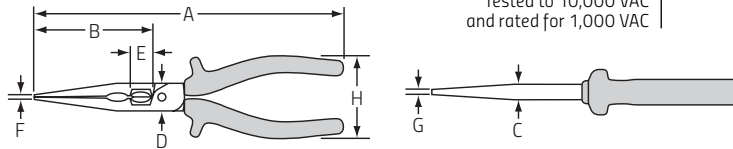
**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life.

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**Laser Heat-Treated**  
For longer lasting cutting edges

**Xtreme Leverage Technology (XLT™)**  
Considerably less force required to cut

**Insulated Grips**  
Tested to 10,000 VAC and rated for 1,000 VAC



Discount Group: Z1001

A	B	C	D	E	F	G	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Nose Width	Nose Thickness	Handle Span		
200	75.5	10.5	18	12	3	3	54	3181	025582837318

## Pliers Cutting, Lap Joint Diagonal

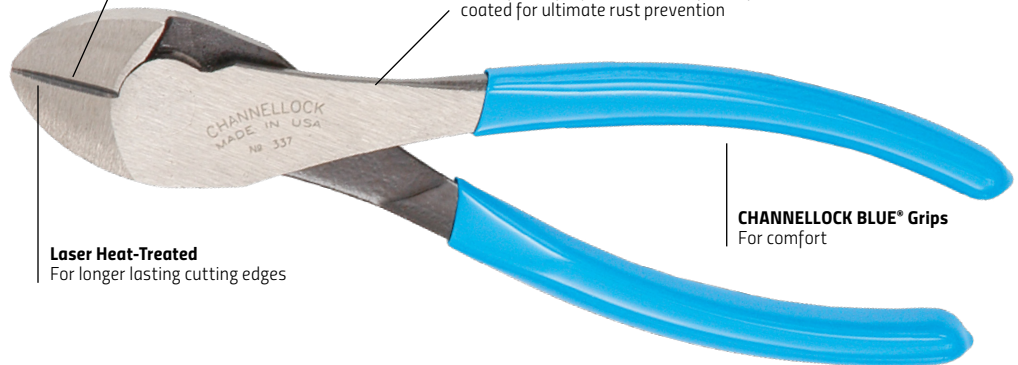


Check out the demo

CHANNELLOCK® knife and anvil cutters ensure proper cutting edge alignment, resulting in a clean cut every time.

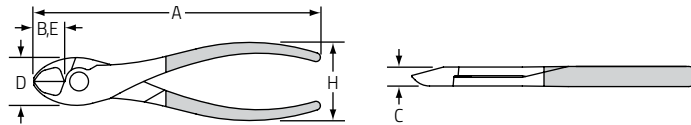
**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention



**Laser Heat-Treated**  
For longer lasting cutting edges

**CHANNELLOCK BLUE® Grips**  
For comfort



Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
178	20	11	30	20	48	337	025582133274
200	20	11	30	20	48	338	025582133618

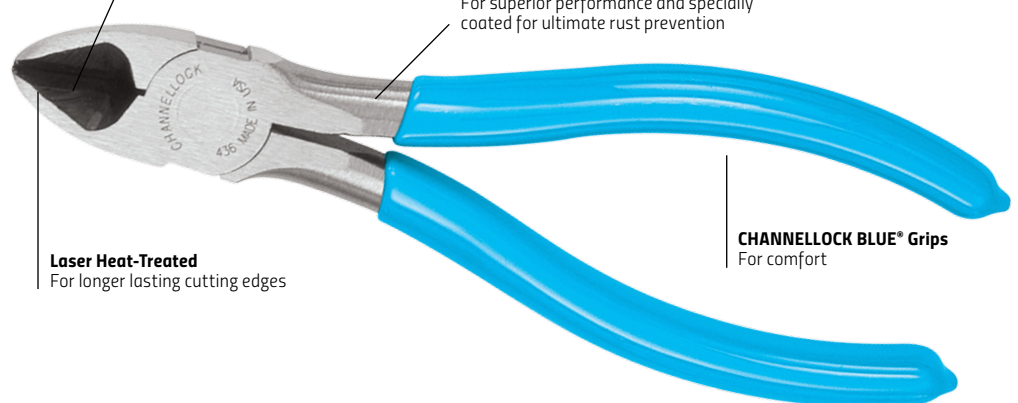
## Pliers Cutting, Box Joint Diagonal



CHANNELLOCK® knife and anvil cutters ensure proper cutting edge alignment, resulting in a clean cut every time.

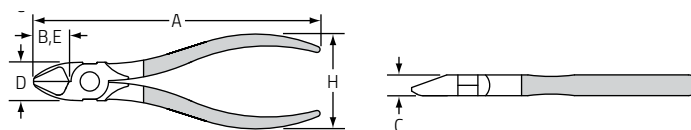
**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention



**Laser Heat-Treated**  
For longer lasting cutting edges

**CHANNELLOCK BLUE® Grips**  
For comfort



Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
152	22	11	21	22	48	436	025582137470

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## Pliers End Cutting



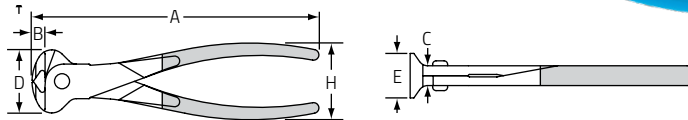
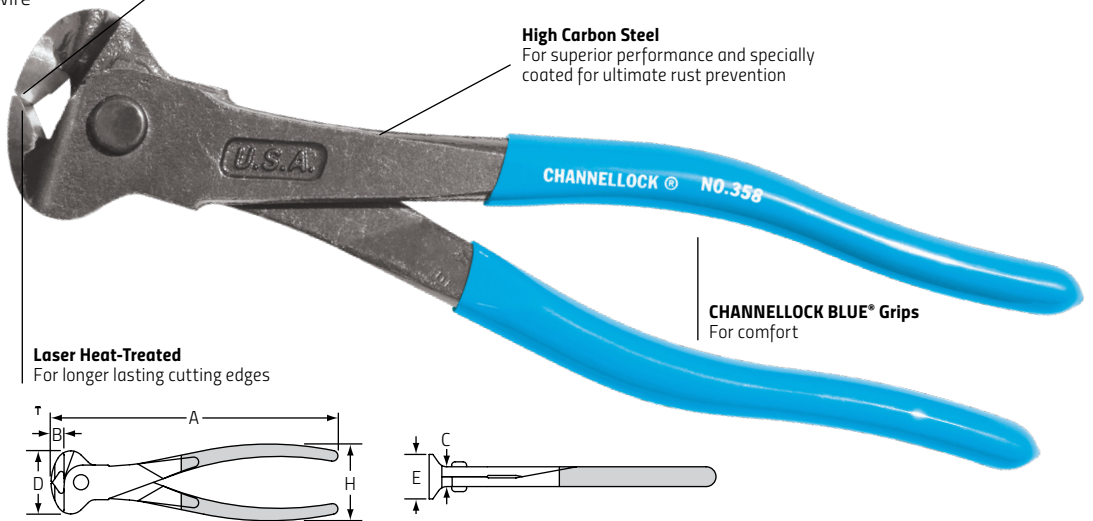
CHANNELLOCK® End Cutting Pliers provide powerful cutting capabilities on the job. Cutting capabilities include piano wire (0.056" min diameter - 0.091" max diameter), hard wire (0.047" - 0.091"), medium hard wire (0.047" - 0.091") and soft wire (0.162" max diameter).

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**CHANNELLOCK BLUE® Grips**  
For comfort

**Laser Heat-Treated**  
For longer lasting cutting edges



Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
203	9	12	41	30	48	358	025582156211

## Pliers Cutting, Concretor's Nippers



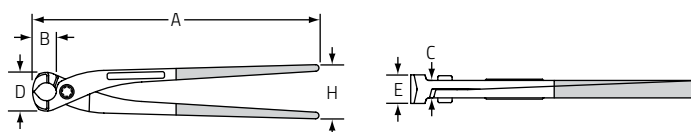
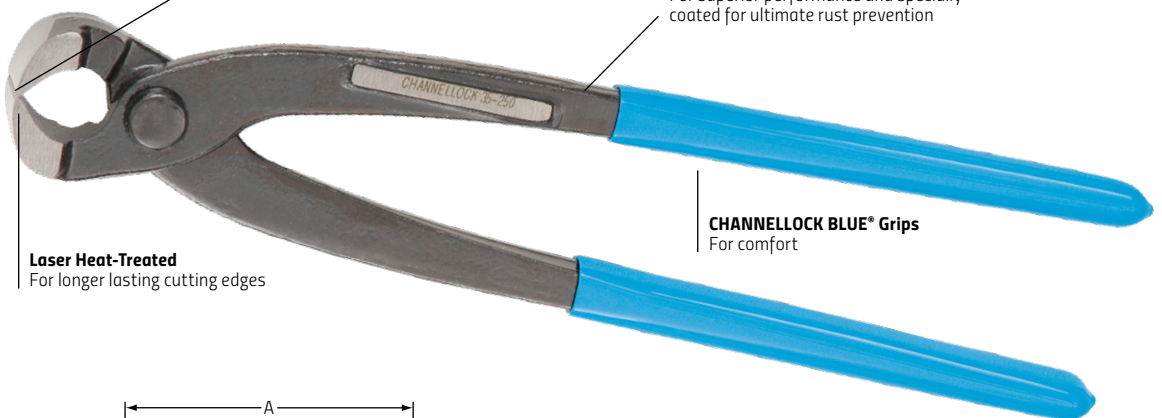
CHANNELLOCK® Concretor's Nippers have a knife and anvil style cutting system for perfect mating and superior cutting edge life

**Precision Machined Knife And Anvil Style Cutting Edges**  
Ensures perfect mating and superior cutting edge life

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**CHANNELLOCK BLUE® Grips**  
For comfort

**Laser Heat-Treated**  
For longer lasting cutting edges



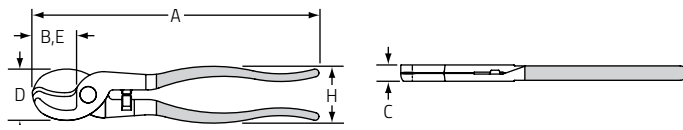
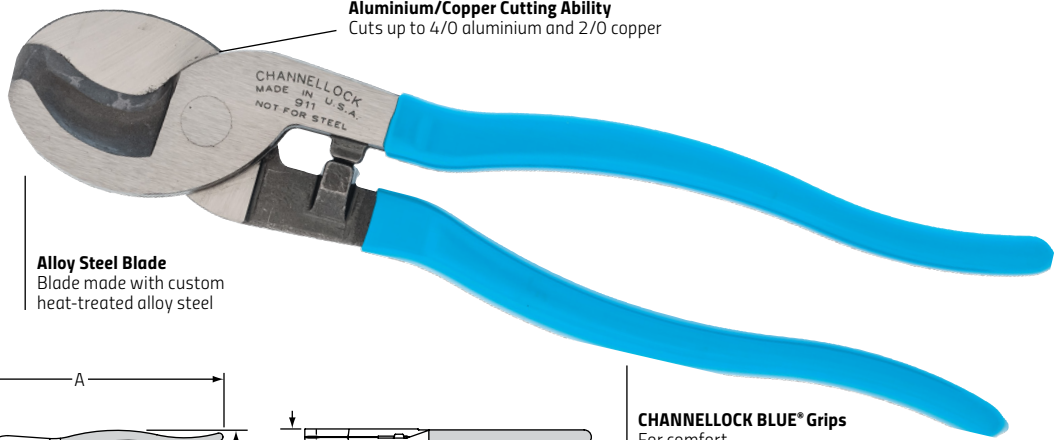
Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
254	21	27	35	35	51	35-250	025582996411

## Pliers Cutter Cable



The CHANNELLOCK® Cable Cutter is a reliable, hardworking cutter with superior cutting edge life. Cuts up to 4/0 (11.7 mm) aluminium and 2/0 (9.3 mm) copper. Not intended for steel or ACSR use.



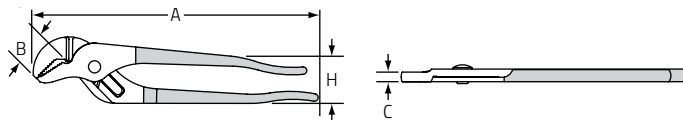
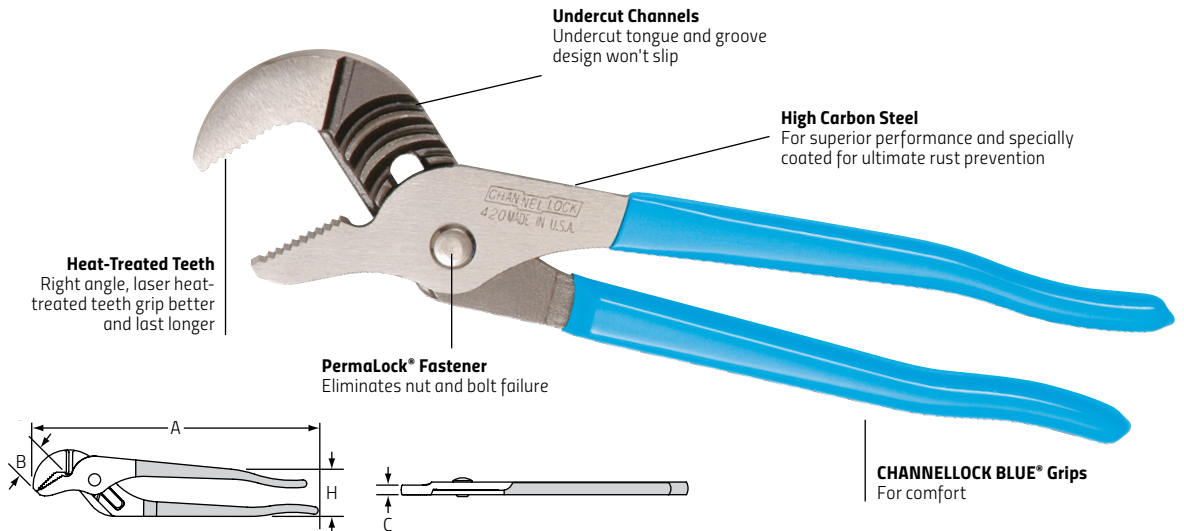
Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
241	35.5	13	41	35.5	48	911	025582403476

## Pliers Tongue & Groove Straight Jaw



The CHANNELLOCK® Straight Jaw Tongue & Groove Pliers is the tool every home and garage needs. Patented reinforcing edge to minimize stress breakage and right angle, laser heat-treated teeth to provide a better, longer lasting grip.



Discount Group: Z1001

A	B	C	H	Number of Adjustments	Jaw Capacity	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Handle Span				
241	28	12	40	5	38	420	025582300676
114	8	3	32	3	13	424	025582301079
165	21	12	43	5	22	426	025582301277
254	35	11	54	7	51	430	025582301475
305	38	13	46	7	57	440	025582301673
419	65	15	49	8	108	460	025582301970

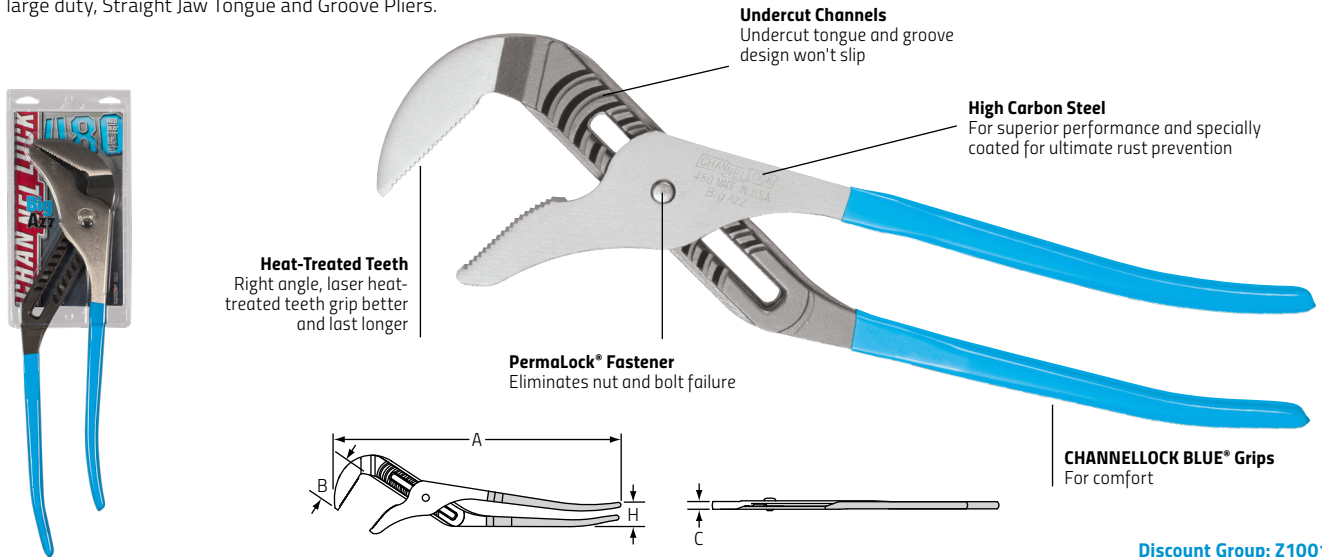
## Pliers Tongue & Groove BigAzz®



Check out the demo



Big as the job. Big as you need. The BIGAZZ® is our iconic large duty, Straight Jaw Tongue and Groove Pliers.



Discount Group: Z1001

A	B	C	H	Number of Adjustments	Jaw Capacity	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Handle Span				
514	76	15	84	12	140	480	025582520142

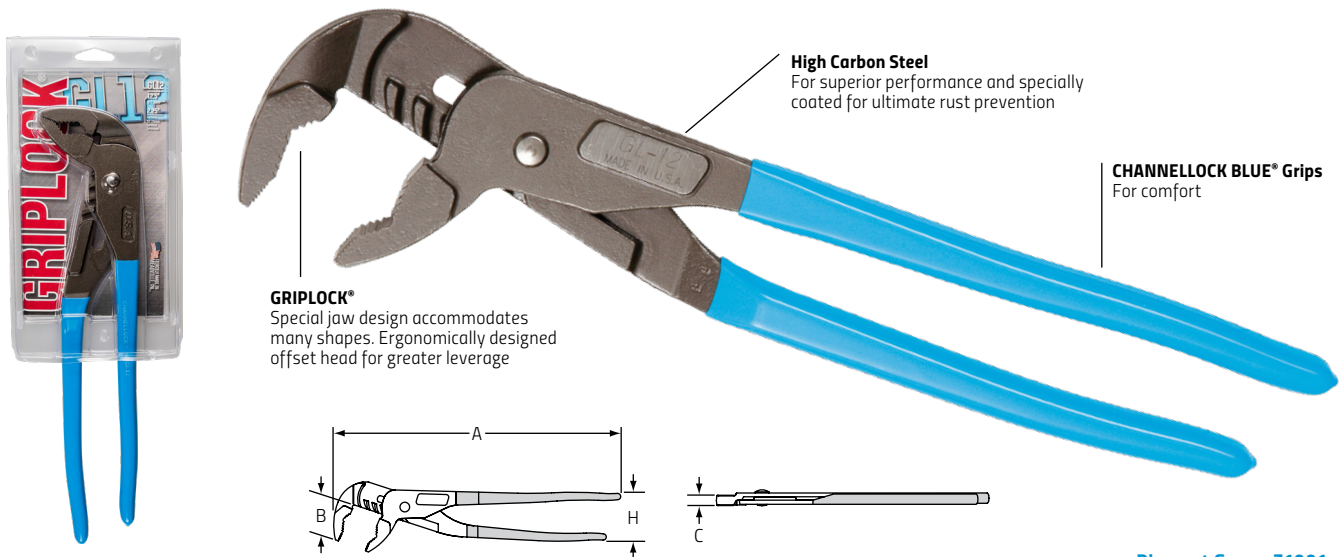
## Pliers Tongue & Groove Griplock®



Check out the demo



Get even more leverage from the ergonomically designed offset head of the GRIPLOCK®. A special jaw design allows it to grip down on many shapes for added versatility.



Discount Group: Z1001

A	B	C	H	Number of Adjustments	Jaw Capacity	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Handle Span				
165	25	6	51	5	27	GL6	025582508911
241	34	9	55	5	32	GL10	025582960177
318	45	12	64	6	57	GL12	025582960672

All measurements in millimetres (mm)  
Prices exclude GST

www.suttontools.com

## Pliers Tongue & Groove Nutbuster™

**CHANNEL LOCK**

**NUTBUSTER™**



Check out the demo

The special parrot nose design gives the NUTBUSTER™ added strength that is ideal for round surfaces. Laser heat-treated teeth to provide a better, longer lasting grip.

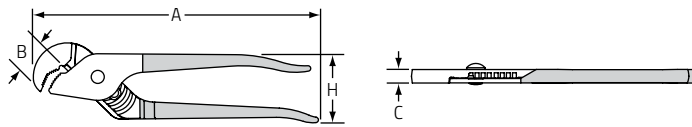


**Self Gripping Parrot Nose**  
Ideal for round surfaces

**Patented Reinforcing Edge**  
To minimise stress breakage and right angle

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**PermaLock® Fastener**  
Eliminates nut and bolt failure



**CHANNELLOCK BLUE® Grips**  
For comfort

Discount Group: Z1001

A	B	C	H	Number of Adjustments	Jaw Capacity	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Handle Span			414	025582302274
343	41	13	56	6	51		

## Pliers Tongue & Groove V-Jaw

**CHANNEL LOCK**



Check out the demo

A unique jaw design creates more points of contact on round stock and tubing. This creates a stronger bite and more control - all with the legendary strength of a CHANNELLOCK® Tongue and Groove Pliers.

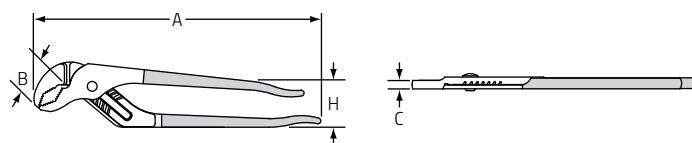


**V-Jaws**  
Gives you more point of contact on round stock and tubing

**Undercut Channels**  
Undercut tongue and groove design won't slip

**High Carbon Steel**  
For superior performance and specially coated for ultimate rust prevention

**PermaLock® Fastener**  
Eliminates nut and bolt failure



**CHANNELLOCK BLUE® Grips**  
For comfort

Discount Group: Z1001

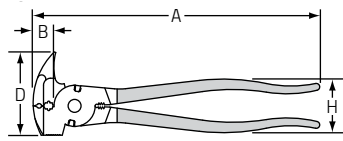
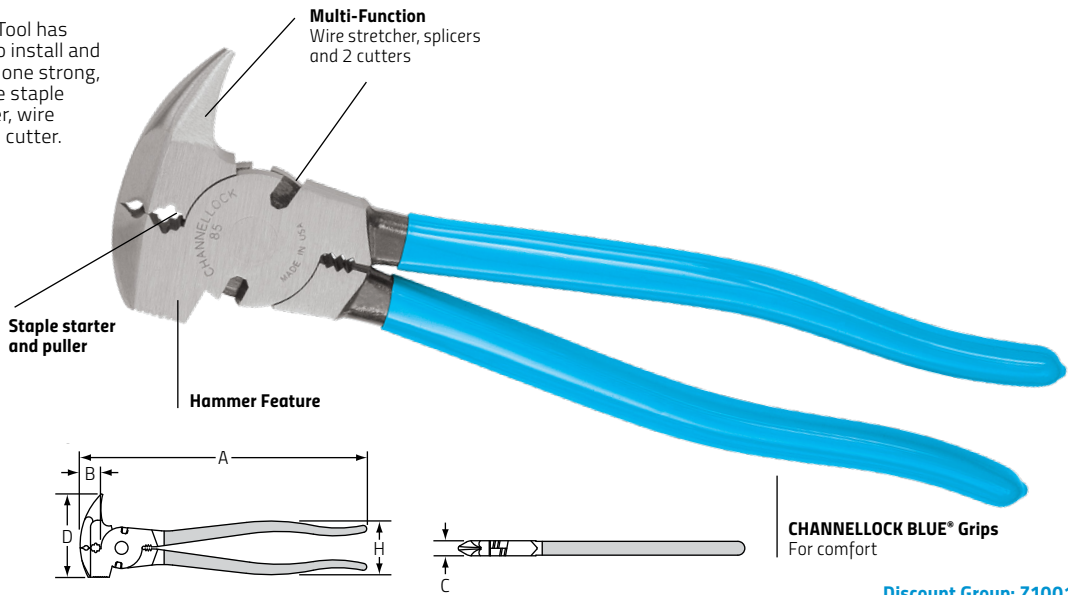
A	B	C	H	Number of Adjustments	Jaw Capacity	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Handle Span			422	025582300874
241	28	12	40	5	38		
305	38	13	43	7	57	442	025582301871

Section Index

# Pliers Fence Tool



The CHANNELLOCK® Fence Tool has the features that you need to install and maintain wire fencing - all in one strong, reliable tool. Features include staple starter, staple puller, hammer, wire stretcher, wire splicers and 2 cutters.



**CHANNELLOCK BLUE® Grips**  
For comfort

Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
264	19	13	75	-	53	85	025582400116



## Snip Aviation, Left



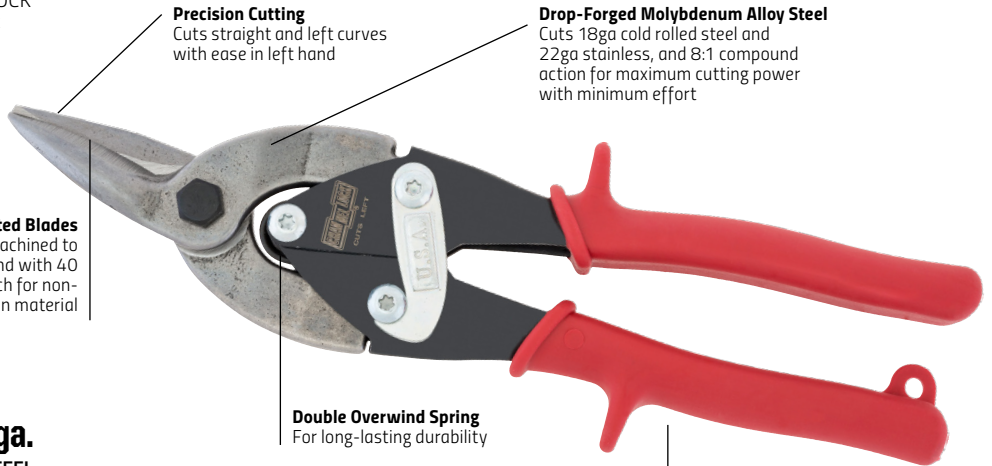
Get the power of precision. CHANNELLOCK® snips make cleaner curved and straight cuts with minimum effort.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**18 ga.**  
**CR STEEL**  
**22 ga.**  
**STAINLESS**



**Precision Cutting**  
Cuts straight and left curves with ease in left hand

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 18ga cold rolled steel and 22ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
248	21	58	32	52	610AL	025582835710

## Snip Aviation, Offset Left



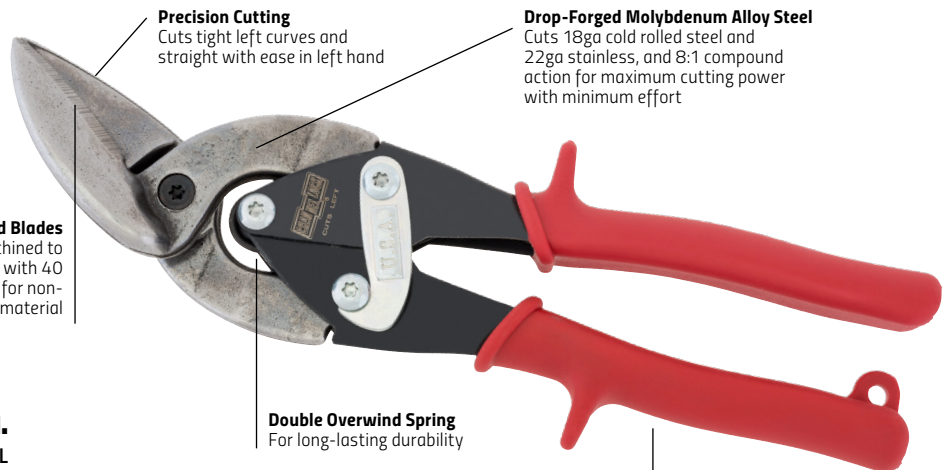
CHANNELLOCK® offset snips is the ultimate tool in tight spaces. Its serrated bottom blade and ergonomic design makes it easy to cut curves or straight in small spaces.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**18 ga.**  
**CR STEEL**  
**22 ga.**  
**STAINLESS**



**Precision Cutting**  
Cuts tight left curves and straight with ease in left hand

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 18ga cold rolled steel and 22ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
244	29	58	32	52	610FL	025582835413

## Snip Aviation, Right



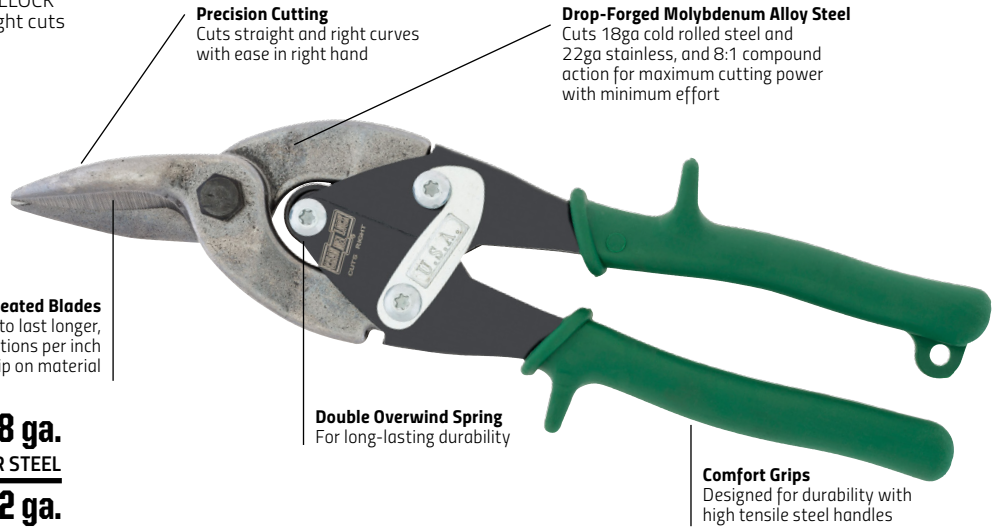
Get the power of precision. CHANNELLOCK® snips make cleaner curved and straight cuts with minimum effort.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**18 ga.**  
CR STEEL  
**22 ga.**  
STAINLESS



**Precision Cutting**  
Cuts straight and right curves with ease in right hand

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 18ga cold rolled steel and 22ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
248	21	58	32	52	610AR	025582835611

## Snip Aviation, Offset Right



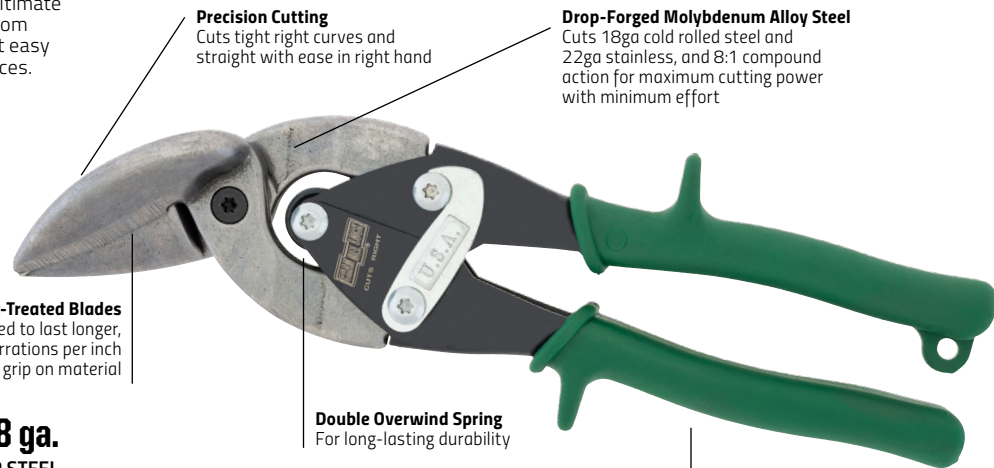
CHANNELLOCK® offset snips is the ultimate tool in tight spaces. Its serrated bottom blade and ergonomic design makes it easy to cut curves or straight in small spaces.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**18 ga.**  
CR STEEL  
**22 ga.**  
STAINLESS



**Precision Cutting**  
Cuts tight right curves and straight with ease in right hand

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 18ga cold rolled steel and 22ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
244	29	58	32	52	610FR	025582835512

## Snip Aviation, Straight



Get the power of precision. CHANNELLOCK® snips make cleaner wide left, right, curved and straight cuts with minimum effort.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**18 ga.**  
CR STEEL  
**22 ga.**  
STAINLESS

**Precision Cutting**  
Cuts wide left and right curved and straight with ease in either hand

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 18ga cold rolled steel and 22ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
251	21	58	35	52	610AS	025582835819

## Snip Aviation, Bulldog



Overpower the most heavy-duty materials with CHANNELLOCK® specialty snips. Its universal grip and high carbon steel blades give strength and durability against tough cuts.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**16 ga.**  
CR STEEL  
**18 ga.**  
STAINLESS

**Precision Cutting**  
Cuts straight on heavy duty material, thick or multiple layers, seams, and notch cuts

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 16ga cold rolled steel and 18ga stainless, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
238	21	58	22	52	610BS	025582835918

## Snip Aviation, Utility



Overpower the most heavy-duty materials with CHANNELLOCK® specialty snips. Its universal grip and high carbon steel blades give strength and durability against tough cuts.



**Custom Heat-Treated Blades**  
Precision machined to last longer, and with 40 serrations per inch for non-scarring grip on material



**24 ga.**  
**CR STEEL**



**Precision Cutting**  
Universal snip that cuts wide curves and trim cuts

**Drop-Forged Molybdenum Alloy Steel**  
Cuts 24ga cold rolled steel, and 8:1 compound action for maximum cutting power with minimum effort

**Double Overwind Spring**  
For long-lasting durability

**Comfort Grips**  
Designed for durability with high tensile steel handles

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
251	21	58	35	52	6105S	025582836014

## Snip Tinner, Straight



American-made tinner snips are designed to make straight, wide, and tight curves in any direction. CHANNELLOCK BLUE® Grips add comfort even while cutting through cold rolled steel.



**Custom Heat-Treated Blades**  
Precision machined to last longer cut through 24ga cold rolled steel



**24 ga.**  
**CR STEEL**



**Precision Cutting**  
Cuts straight, wide and tight curves in any direction

**Made From High Carbon Steel**  
For ultimate durability

**Channellock Blue® Grips**  
For comfort

Discount Group: Z1001

A	C	D	E	H	Item #	Barcode
O/A Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span		
211	18	23	44	97	608TS	025582836311

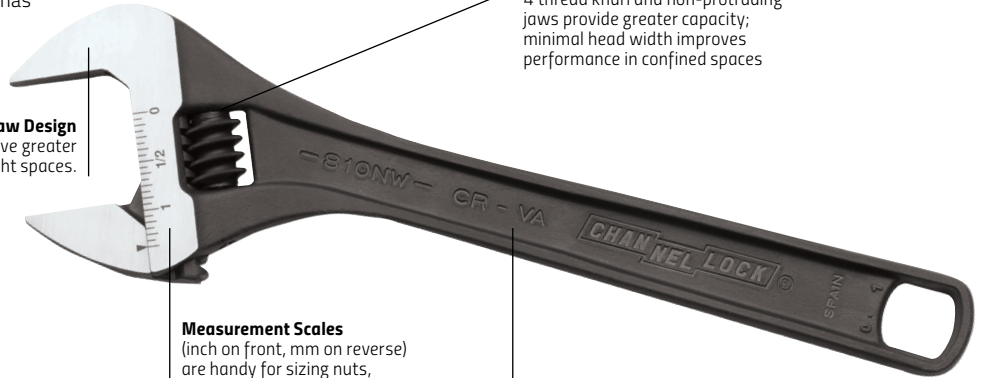
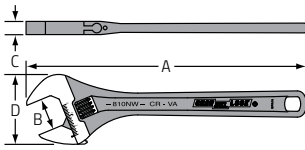
## Wrenches Adjustable, Black Phosphate



CHANNELLOCK® Adjustable Wrenches have an endless amount of uses. Strong, reliable and versatile—it's exactly what the world has come to expect from CHANNELLOCK®.



**Longer And Thinner Jaw Design**  
Grip better and give greater access in tight spaces.



**Adjustable**  
4 thread knurl and non-protruding jaws provide greater capacity; minimal head width improves performance in confined spaces

**Measurement Scales**  
(inch on front, mm on reverse) are handy for sizing nuts, pipe and tube diameters

**Black Phosphate Finish**

Discount Group: Z1001

A	B	C	D	Item #	Barcode
O/A Length	Jaw Capacity	Joint Thickness	Joint Width		
114	14	8	33	804N	025582980977
159	24	10	50	806NW	025582185617
203	30	13	64	808NW	025582185716
254	35	15	72	810NW	025582185815
305	38	19	87	812NW	025582185914

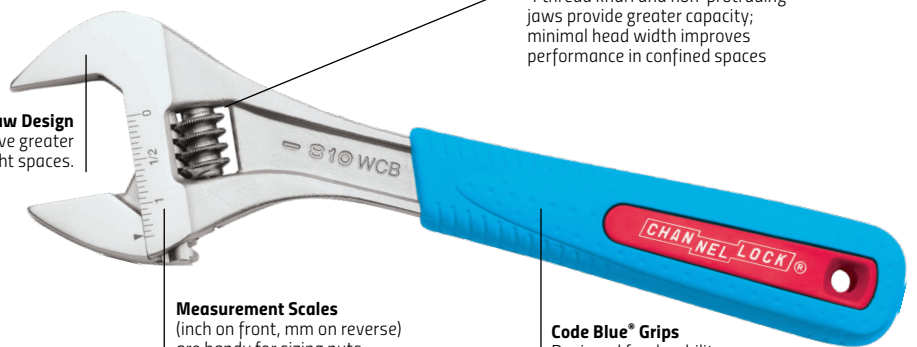
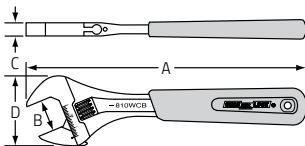
## Wrenches Adjustable, Code Blue®



CHANNELLOCK® Adjustable Wrenches have an endless amount of uses. Strong, reliable and versatile—it's exactly what the world has come to expect from CHANNELLOCK®.



**Longer And Thinner Jaw Design**  
Grip better and give greater access in tight spaces.



**Adjustable**  
4 thread knurl and non-protruding jaws provide greater capacity; minimal head width improves performance in confined spaces

**Measurement Scales**  
(inch on front, mm on reverse) are handy for sizing nuts, pipe and tube diameters

**Code Blue® Grips**  
Designed for durability and comfort

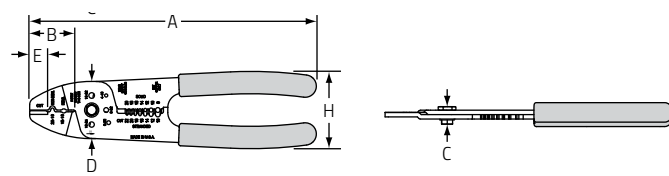
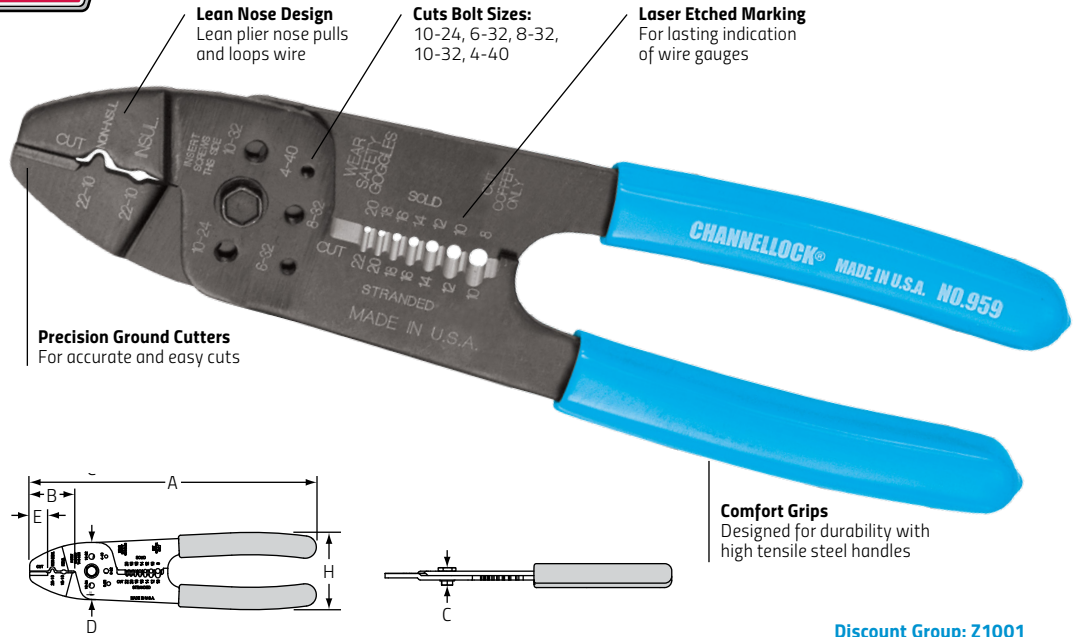
Discount Group: Z1001

A	B	C	D	Item #	Barcode
O/A Length	Jaw Capacity	Joint Thickness	Joint Width		
159	24	10	50	806WCB	025582598219
203	30	13	64	808WCB	025582589613
254	35	15	72	810WCB	025582561916
305	38	19	87	812WCB	025582599919

## Wire Stripper



Electricians demand precision and reliability. That's why they choose CHANNELLOCK® Wire Strippers. Strips 10-20 AWG wire.



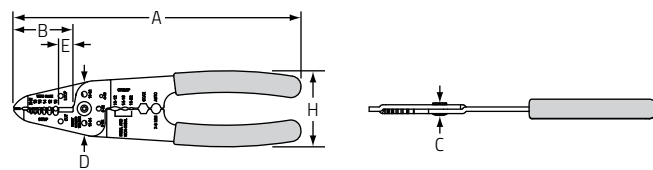
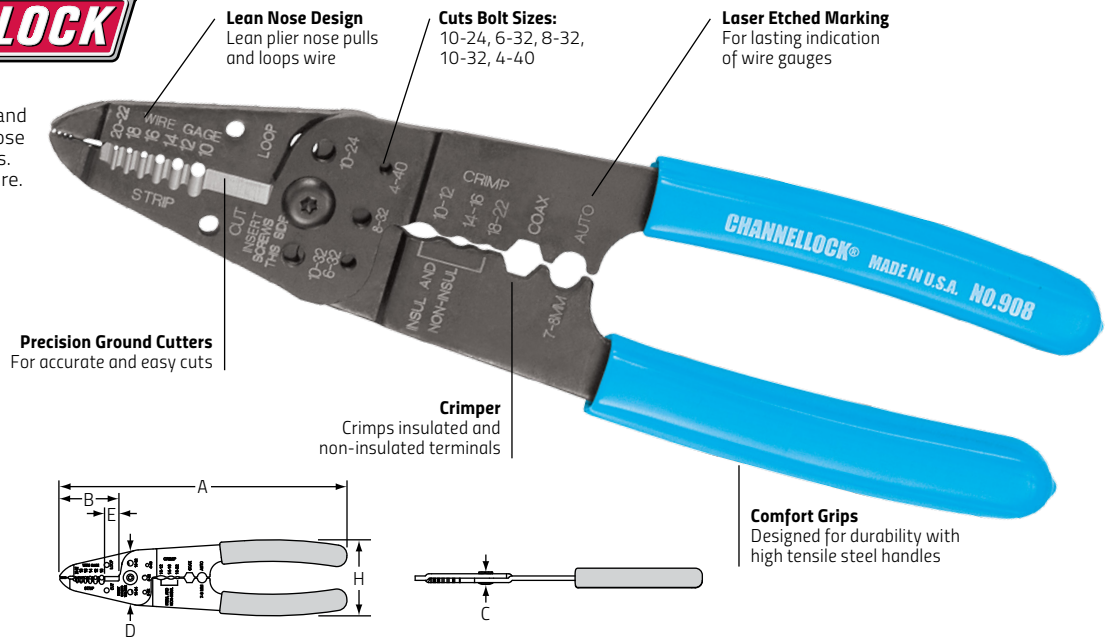
Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span	959	025582440419
210	32	12	41	6	55		

## Wire Stripper



Electricians demand precision and reliability. That's why they choose CHANNELLOCK® Wire Strippers. Cuts and crimps 10-22 AWG wire.



Discount Group: Z1001

A	B	C	D	E	H	Item #	Barcode
O/A Length	Jaw Length	Joint Thickness	Joint Width	Cutting Edge	Handle Span	908	025582711311
210	43	9	38	12	55		

Section Index

# Pliers Sets



We've put together our most popular tools to create the perfect gift for people that know what real work is all about.



GLS-1



PG-2



GS3



GS4



GS10



WS2CB

Discount Group: Z1001

Sets	Pieces	Item #	Barcode
<b>2 Pce Griplock® Tongue &amp; Groove Pliers Set</b> Contents: GL10 – 241mm & GL12 – 318mm	2	GLS-1	025582990679
<b>2 Pce Cutting Insulated &amp; Linesman Insulated Set</b> Contents: 3238 - 212mm & 3248 - 216mm	2	PG-2	025582824370
<b>3 Pce Tongue &amp; Groove Pliers Set</b> Contents: 426 - 165mm & 420 - 241mm & 440 - 305mm	3	GS3	025582520180
<b>3 Pce Diagonal Cutter, Long Nose &amp; Tongue &amp; Groove Pliers Set</b> Contents: 337 - 178mm & 3017 - 203mm & 430 - 254mm	3	GS4	025582603517
<b>2 Pce Cutting &amp; Tongue &amp; Groove Pliers Set</b> Contents: 369 - 241mm & 430 - 254mm	2	GS10	025582531513
<b>2 Pce Adjustable Wrench Set</b> Contents: 806WCB - 159mm & 810WCB - 254mm	2	WS2CB	025582586810



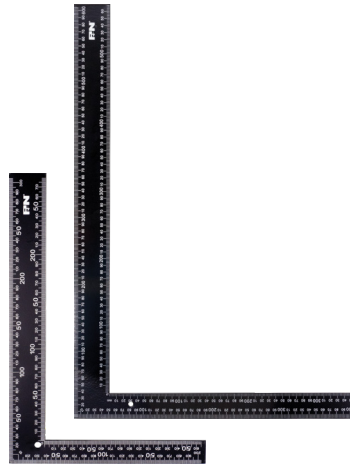
### Engineer Ruler

- Made from stainless steel
- 1mm and 0.5mm graduations
- Conversion charts on the back of the ruler



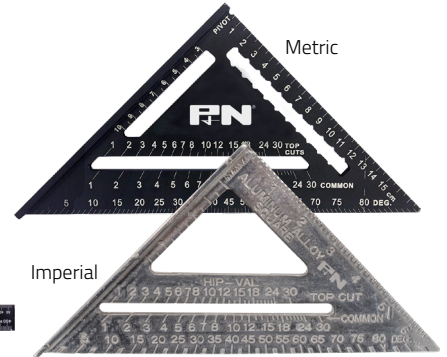
### Engineer Squares

- Made from stainless steel
- Carbon steel handle
- Precision 90°
- Plain type and 1mm graduations (option)



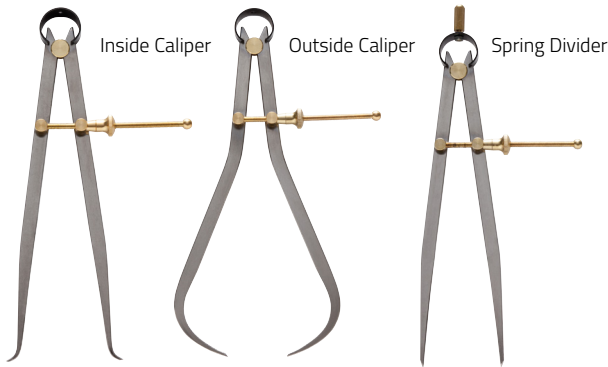
### Carpenters Squares

- Made from hardened steel, resists corrosion and warping
- Permanent black finish with accurate and clear white graduation.



### Alloy Squares

- Made from aluminium alloy
- Graduated scale both sides
- Metric and Imperial measurements



### Calipers

- Made from high carbon steel
- Quick adjustable screw bar
- Easy hold handle on top



### Engineers Scribes

- Made from stainless steel
- Knurled aluminium handle
- Tungsten carbide point (267M06041)
- Convenient pocket clip (267M06041)



### Auto Centre Punch

- Made from brass
- Spring loaded, no hammer required



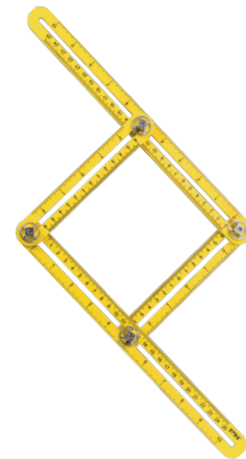
### Magnetic Pick-Up Set

Two colour driver handle with quick chuck and 4mm driver, 90mm full hook, 90mm angle hook, 90mm straight hook, 90mm 90° hook and magnetic telescopic pick-up tool



### Combination Square 3 in 1

- Made from stainless steel
- Mitre square, spirit level, plumb level, 45° level, height gauge, steel rule, straight edge and scribe



### Template Tool - Metric / Inch

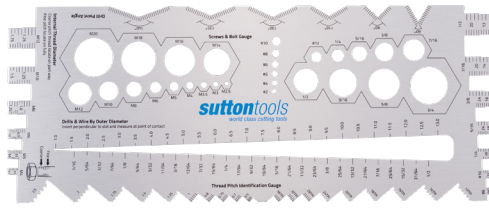
- Great layout tool for creating complex shapes and angles
- Easy to make repeat cuts on arches and joists
- Can be set to mark bricks, tiles, timber, laminates and more.



# Measuring Tools

## suttontools

For measuring gauge and length of wood, self tapping metal thread screws, bolts, wall plugs and drill sizes.



M810 0110

M810 0650

Discount Group: Z1007

Description	Item #	Barcode
<b>Ezi Sizer Gauge</b>	M810 0110	9311963171258
<b>Multi Function Gauge - Metric &amp; Imperial</b>	M810 0650	9311963609157



Precision engineering tools.



267SR1006

267MTQ206

267MTQ306

267MTQ106

267AP1125

267QM0550

267CS3030

Discount Group: Z1005

Description	Size	Item #	Barcode
<b>Engineer Rulers</b>			
Precision Engineer Ruler	150mm	267MS1015	9311744438631
Precision Engineer Ruler	300mm	267MS1030	9311744438648
Precision Engineer Ruler	600mm	267MS1060	9311744438655
Precision Engineer Ruler	1000mm	267MS1100	9311744438662
<b>Engineer Squares</b>			
Precision Engineer Square	100mm	267SR1004	9311744438556
Precision Engineer Square	150mm	267SR1006	9311744438563
Precision Engineer Square	200mm	267SR1008	9311744438570
Precision Engineer Square Graduated	100mm	267SG1004	9311744438587
Precision Engineer Square Graduated	150mm	267SG1006	9311744438594
Precision Engineer Square Graduated	200mm	267SG1008	9311744438600
<b>Carpenters Squares</b>			
300mm Body x 200mm Tongue, Metric & Inch	300mm	267901250	9311744446087
600mm Body x 400mm Tongue, Metric & Inch	600mm	267901600	9311744446094
<b>Alloy Squares</b>			
Metric Aluminium Alloy Square	1800mm	267900180	9311744446179
Imperial Aluminium Alloy Square	7"	267900175	9311744446070
<b>Engineers Scribes</b>			
Engineers Scribe Double End 90° Bend Point	270mm	267M06020	9311744438525
Engineers Scribe Tungsten Tip	150mm	267M06041	9311744438549
<b>Calipers</b>			
Inside Caliper	150mm	267MTQ306	9311744438457
Inside Caliper	200mm	267MTQ308	9311744438464
Outside Caliper	150mm	267MTQ206	9311744438471
Outside Caliper	200mm	267MTQ208	9311744438488
<b>Spring Dividers</b>			
Spring Divider	100mm	267MTQ104	9311744438495
Spring Divider	150mm	267MTQ106	9311744438501
Spring Divider	200mm	267MTQ108	9311744438518
<b>Miscellaneous</b>			
Centre Punch Auto Brass	125mm	267AP1125	9311744438617
Quick Change Magnetic Pick-Up Set		267QM0550	9311744438440
Combination Square 3 in 1	300mm	267CS3030	9311744438624
Template Tool	250mm	267902250	9311744446100



267900180



267900175



267902250

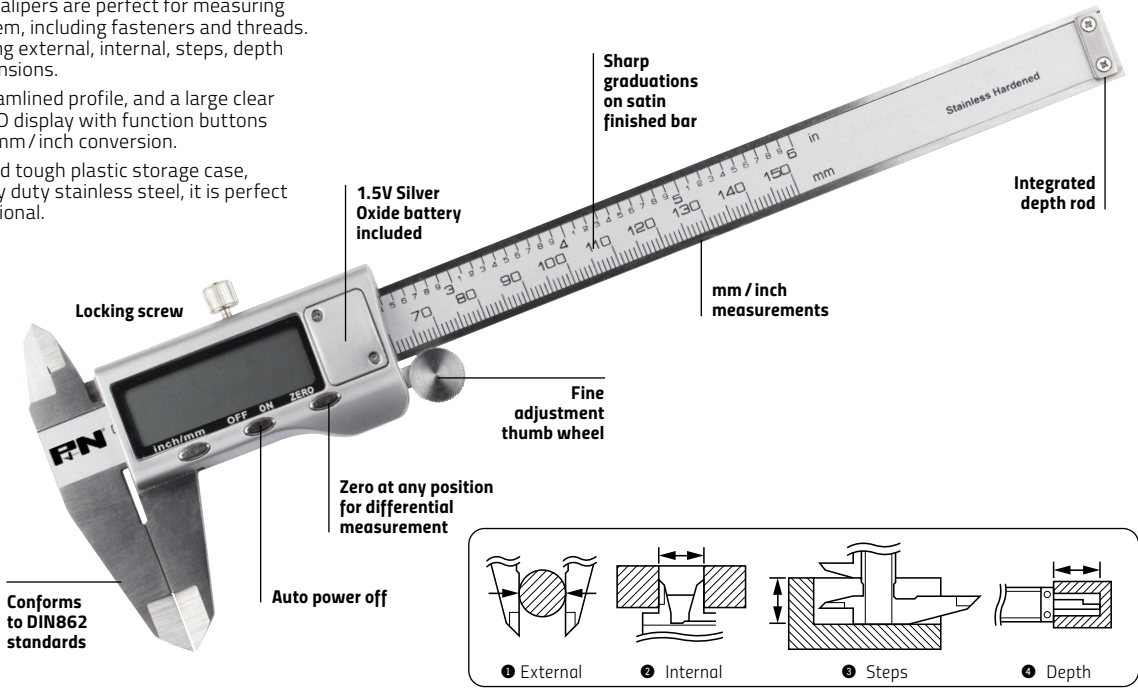
# Measuring Tools Digital Caliper



P&N Digital Vernier Calipers are perfect for measuring any small space or item, including fasteners and threads. Suitable for measuring external, internal, steps, depth and differential dimensions.

Featuring a slim streamlined profile, and a large clear and easy-to-read LCD display with function buttons for zero setting and mm/inch conversion.

Presented in a padded tough plastic storage case, and made from heavy duty stainless steel, it is perfect for any trade professional.



Discount Group: Z1005

Description	Range	Depth - Outside Jaw	Depth - Inside Jaw	Item #	Barcode
Digital Vernier Caliper	0-150mm	40mm	16mm	267VCD150	9311744439829



