## Hand Tools

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- Pliers
- Snips
- Cutting Lubricants

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www.suttontools.com

# Hand Tools

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## 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 **Colour Coded** Soft Grip Provides comfort and safety

				Discount Group: Z0602
Description	OA Length	Pieces	ltem #	Barcode
Roofing Punches				M711
6.0	195	1	M7110600	9311963569956
Flooring Punches				M712
5.0	185	1	M712 0500	9311963569963
Centre Punches				M707
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
Nail Punches				M709
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
Pin Punches				M706
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
Cold Chisels				M710
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
Bolsters with Hand Guard				M713
Electrician 57 x 19mm	225	1	M713 5719	9311963569970
Brick 75 x 19mm	225	1	M713 7519	9311963569987
Brick 100 x 22mm	225	1	M713 10022	9311963569994



#### **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.

## 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.

**OA Length** 



PP7S

Discount Group: Z0602

Barcode

M700

9311963153025

M701

9311963109312



PP8L

#### Files Needle Files

Description

Short Pin Punches

Long Pin Punches

## suttontools

Set (2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 6.5mm)

Set (2.5, 3.0, 4.0, 5.0, 6.0, 6.5, 8.0, 10.0mm)

M001	M008
M002	M009
M003	M0010
M005	M0011
M006	M0015
M007	M0016

Pieces

7

8

Item #

M700 PP7S

M701 PP8L



**Discount Group: Z0404** 

					DISCO	unt droup. 20404
Shape	Style	Length	Qty	ltem #	Barcode	
	ed, round handle				M305	
	Pillar	160	12*	M305 M001	9311963708744	
	Half Round	160	12*	M305 M002	9311963708751	
And the second s	Crossing	160	12*	M305 M003	9311963708768	
hannannan	Knife Edge	160	12*	M305 M005	9311963708775	
	Warding	160	12*	M305 M006	9311963708782	
	Three Square	160	12*	M305 M007	9311963708799	
	Square	160	12*	M305 M008	9311963708805	
	Oval	160	12*	M305 M009	9311963708812	
	Round	160	12*	M305 M010	9311963708829	
	Barrett	160	12*	M305 M011	9311963708836	
	Crochet	160	12*	M305 M015	9311963708850	
	Pillar (Round edges)	160	12*	M305 M016	9311963708867	
Needle File Se	ets:	Pieces				
in plastic wallet 1 ea: M001 M00	2 M006 M007 M008 M010	6		M305 M020	9311963708959	
	2 M003 M005 M006 M007 9 M010 M011 M015 M016			M305 M060	9311963708966	

Prices exclude GST

251



#### **Engineers Flat**

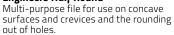
For flat and curved external surfaces. Designed for smoothing, removing burrs and sharp edges.



									scount aroup. 204
Length	W	T.	Bulk Qty	Item #	Bulk / Unhandled Item #	ltem #	ltem #	Single Pack / Handled Item #	ltem #
Engine	eers Fla	t		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
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			
				Aluminium	Magic Cut				
250	25	5.8	6		300AM0104				
300	29.8	6.1	6	300AN0120	300AM0124				



#### Engineers Half Round





Length	W	T	Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	ltem #	Single Pack / Handled Item #	ltem #
Engine	eers Half	Round		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
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	т	Bulk		Bulk / Unhandled			Single Pack / Handled	
Lengui	~~		Qty	Item #	Item #	Item #	Item #	Item #	Item #
Engin	eers Sq	uare		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
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 Bulk / Unhandled Item # Single Pack / Handled Length W Item # Item # Item # Ot Item # ltem # Engineers Round Bastard 2nd Cut Smooth Bastard 2nd Cut Smooth 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 300AG0121 300AG0122 300AG0123 300AG1121 300AG1123 300 12 12 6





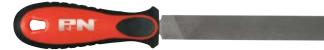
**1 Edge Round Mill** For sharpening saws and other tools that require a fine finish. The round edge also allows the filing of saw gullets.



				ang or sam gancesi				Di	scount Group: Z0402
Length	W	T	Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	ltem #	Single Pack / Handled Item #	ltem #
1 Edg	e Round	I Mill		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
200	20.4	3.5	12	300CC0081			300CC1081		
250	25.1	4.8	12	300CC0101			300CC1101		
300	30.3	5.3	6	300CC0121			300CC1121		







-	=	that	require	a fine finish.			Discount Group: Z0402			
Length	W	T	Bulk Qty	ltem #	Bulk / Unhandled Item #	Single Pack / Handled Item # Item # Item #				
2 Edg	e Squar	e Mill		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth	
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						



Slim Taper

**3 Edge Square Mill** For sharpening saws and other tools that require a fine finish.

	х».	that	require	a fine finish.				Di	scount Group: Z0402
Length	W	T	Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	Single Pack / Handled Item #	ltem #	
3 Edge	e Square	e Mill		Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
150	12		12	300BA0061	300BA0062	300BA0063			
200	15		12	300BA0081	300BA0082	300BA0083			
250	19		12	300BA0101	300BA0102	300BA0103			



Length	w	т	Bulk	line and	Bulk / Unhandled	litere il		Single Pack / Handled	lane di
Slim T			Qty	Item # Bastard	Item # 2nd Cut	Item # Smooth	Item # Bastard	Item # 2nd Cut	Item # Smooth
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		
Extre	a Slim Ta	per							
100	5.0		12	300BG0040					
150	7.2		12	300BG0060					



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	70402
DISCOULI	aroup:	20402

**Discount Group: Z0402** 

Length	W	T	Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	Item #	Single Pack / Handled Item #	ltem #
Hand	Files			Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
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.



Diameter	Length	Bulk Qty	Bulk / Unhandled Item #	Single Pack / Handled Item #
Chainsaw File	s			
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.

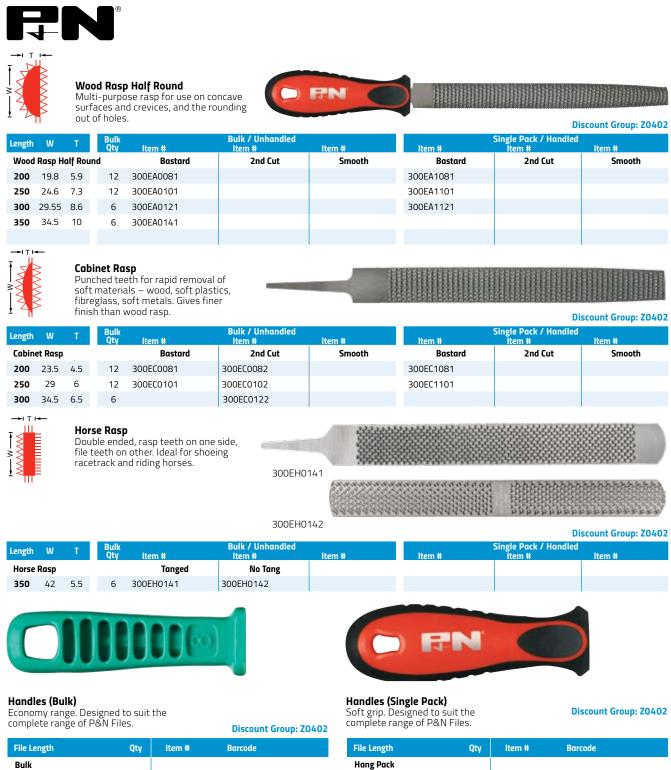


								D1.	scount droup. 20402
Length	W	Т	Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	Item #	Single Pack / Handled Item #	ltem #
Ward	ing Files			Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
100	12.1	1.4	12	300AH0041	300AH0042	300AH0043			
150	16.4	2.3	12	300AH0061	300AH0062	300AH0063	300AH1061		
200	20.5	2.9	12	300AH0081	300AH0082	300AH0083			

_→1 Ţ   →   	<b>Long Angle</b> Rapid, free for lathe fili	e <b>Lathe Files</b> cutting files designer ng.	d		AND DE LE		Discount Group: 20402
Length W	T Bulk Qty	ltem #	Bulk / Unhandled Item #	ltem #	ltem #	Single Pack / Handled Item #	i Item #
Long Angle Lat	he Files	Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
<b>300</b> 29.8	6.1 6	300AL0121					
		g electrical contacts : ributor points, spark					Discount Group: Z0402

Longth	Bulk Bulk / Unhandled		Single Pack / Handled						
Lengui	vv		Qty	Item #	Item #	Item #	Item #	Item #	Item #
Conta	ct Point			Bastard	2nd Cut	Smooth	Bastard	2nd Cut	Smooth
133	11	1	12	300AP0050					

#### Files



Bulk			
100	12	300H00004	9311744156610
150	12	300H00006	9311744156627
200	12	300H00008	9311744156634
250	12	300H00010	9311744156641
300	12	300H00012	9311744156658



#### **Metal File Brush**

100

150

300

200-250

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.

1

1

1

1

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

3005GK003 9311744436859

3005GK004 9311744436866

3005GK005 9311744436873

300SGK006 9311744436880

255

**Discount Group: Z0102** 

#### Files Sets



**Sets** Compact storage ideal for your tool box or workshop.



300SE0065

300SE0083

300SET004

300SE0085

Discount Group: Z0402

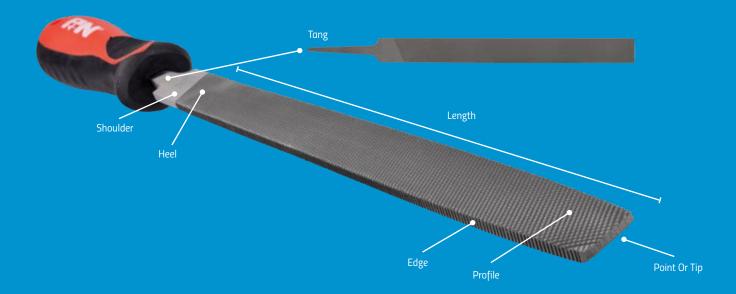
Contents	Case	Pce	ltem #	Barcode
Hand File Set				
<b>150mm</b> Bastard: Flat, Round, Millsaw 2nd Cut: Half Round, Square	Nylon Zip	5	300SE0065	9311744445554
200mm Bastard: Flat, Round 2nd Cut: Half Round	Nylon Zip	3	300SE0083	9311744445141
<b>200mm</b> Bastard: Flat, Half Round, Round, Square	Plastic Tray	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



Discount Group: Z0402 Contents Case Item # Barcode Needle File Set **160mm** File Handle, Warding-flat, Three Square, Flat, Square, Round, Half Round Plastic 7 386911607 9311744438136

256

## **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 & sharp edges.
Square:	For filing slots, keyways, splines and the inside corners of rectangular or square holes.
Round:	For filing & enlarging holes, circular or rounded grooves.
Half-round:	For multi-purpose use on concave surfaces, crevices & the rounding out of holes. Can also be used on the flat face.
Triangular:	Used for sharpening saw teeth & 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 files (mostly all saw files are single cut) are used for sharpening and edging applications. Need less effort for filing & also gives a good surface finish. Single Cut: Double Cut: 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



**Bastard Cut:** For stock removal.

#### How to use a file correctly

There are three i	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.

#### **SELF-ADJUSTING PLIERS**

 LUCKAN

 AUTOMATIC

 AUTOMATIC

 7x

 SINGLE-HAND

 OPERATION

Jaws automatically locks

with highest tip pressure



LOCKJAW<sup>®</sup> Self-Adjusting Locking Pliers provide the versatility of standard locking pliers. However, that's where the comparison ends.

Traditional locking pliers require two hands to adjust the jaw opening for each task; LOCKJAW<sup>®</sup> patented Set & Forget<sup>®</sup> pressure control screw locking mechanism allows the jaws to automatically adjust to any size object for simple one-handed operation.

Whether grabbing something thick or something thin, LOCKJAW<sup>\*\*</sup> Self-Adjusting Locking Pliers make jobs faster and easier.

Automatically grab any size without adjusting

Automatically lock on any size without adjusting

Chrome Molybdenum steel for durability and rust prevention

> **15% thinner handle** for easier grip and more power



Set desired clamp pressure, from slight to extreme and jaws automatically adjust to any size with equal grip pressure

#### Set and Forget™ Set desired clamp

No pinch easy squeeze release lever stays locked until you release it

7 Parallel jaws maintains automatically for optimal grip









#### Pliers Self Adjusting, Lockjaw

A



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.

swivel type

D.

Barcode

180611061000

180611101003

180611101102

180611093001

180611062007

180611062014

180611102000

180611102017

180611062069

180611062076

180611182002

180611182019

180611095005

180611802009

180611803006

180611801002

**Discount Group: Z1002** 





Description

150mm (6") Curved jaw

250mm (10") Curved jaw

250mm (10") Straight jaw

175mm (7") Needle nose

175mm (7") C-Clamp

275mm (11") C-Clamp

175mm (7") C-Clamp swivel pads

275mm (11") C-Clamp swivel pads

250mm (10") extended reach C-Clamp

Curved Jaw

Straight Jaw

Needle Nose

C-Clamps





Item #

061000

101003

101102

093001

062007

062014

102000

102017

062069

062076

182002

182019

095005

802009

803006

801002



- 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.

250mm (10	) extended reach C-Clamp with swivel pad	
480mm (19	) extended reach C-Clamp	

**C-Clamps Extended Reach** 

Welding Clamps

230mm (9") Welding Clamp

Promotional Sets 150mm (6") Curved, 250mm (10") Curved

250mm (10") Curved, 175mm (7") Needle 150mm (6") Curved, 250mm (10") Curved, 175mm (7") Needle

480mm (19") extended reach C-Clamp with swivel pad



Multi-Purpose Crimping Tool with Plier Nose Multi-Purpose Crimping Tool

**Communication Cable Stripping Knife** 

### suttontools

The Communication Cable Stripping Knife strips insulation off low-power cables. Patent pending design with a versatile blade guard and tipped with a metal guide shoe to help peel cable jackets and six grooves of varying size for wire stripping.





					Discount Group: Z1007
Description	Cutting Length	Wire Gauge	lt	tem #	Barcode
					M802
Communication Cable Stripping Knife	50mm	10-20 AWB	M80	02 0170	9311963621289

Plier

M802 0702 9311963621326



## suttontools

Suitable for light duty cutting of wire, twigs, dowel rod, animal nail, rope and cord. Cuts 10mm soft cables.



Description	Cutting Length	Item # Barcode
		M802
Light Duty Cable Cutter	10mm	M802 0165 9311963621272

#### Shears Multi-Purpose



## suttontools

Suitable for both light and heavy duty cutting of wire, branch, dowel rod, rope, cord, cardboard and leather.



42mm

Multi-Purpose Shears

M802 0190 9311963621296

## suttontools Venom

#### ENDURANCE+ **CUTTING FLUID**

#### Features

- Reduces torque and friction
- Extends tool life
- Improves surface finish
- Accurate thread quality
- Environmentally friendly mineral oil base with 10% organic coconut oil. Free from Trichloroethane - low odour.

#### **EXTREME POWER** CUTTING PASTE

#### Features

- Low melting point adheres to cutting edge for greater tool protection
- Not affected by coolant
- Lowest torque required for higher performance
- Reduced friction for extremely
- high quality surface finish



Tests indicate Sutton Tools Venom requires less torque – it performed up to 30% better than its competitors

Carbon Steel

TEST 1 – CUTTING PASTE

Aluminium

Application Cutting Drilling Tapping Milling Broaching Reaming Threading Sawing Boring Lathe turning Holesaw cutting

Carbon Steel

Venom Competitor X Competitor Y Competitor Z

TEST 2 – CUTTING FLUID

Aluminium

Fastener Black Book

Screw thread fundamentals

248 Pages of:

Standards

Grades

Tolerances

Heat treatment

Thread classes

Materials & coatings

Failures & corrosion

Thread terminology

ning tap in Carbon Steel and Aluminium. The results red using Sutton Tools Venom Cutting Fluid & Paste

				Discount Group: Z1006
	Size	Description	ltem #	Barcode
)				M800
	400g	Venom Cutting Paste	M800 0400	9311963570310
	50ml	Venom Cutting Fluid**	M800 0050	9311963581859
	250ml	Venom Cutting Fluid	M800 0250	9311963434278
	4L	Venom Cutting Fluid	M800 4000	9311963570327
	300g	Venom Cutting Spray*	M800 0300	9311963595320
	*Only ava	uilable in multiples of 6		

\*\*Only available in multiples of 12

#### Literature Black Book



The ultimate reference books ideal for engineers, trades people, apprentices, machine shops, tool rooms and technical colleges

- Pocket Sized
- Grease / Tear Proof
- Lav-Flat Format



#### **Engineers Black Book**

- 164 Pages of: Tables
- Standards
- Illustrations
- Grinding wheels
- Conversion factors
- Tapers
- Lubricants-coolants Bolts & nuts
- Spur gear calculations
- Tungsten carbide
- Plastics
- Sharpening information
- G Codes
- Hardening & tempering Formulae
- Geometrical construction
- Weights of metal
- Engineering drawing standards Tolerances
- Keys & keyways
- Tapping drill sizes Speeds & feeds
- Equivalent charts
- wwwwwwwwww

EASTENEE

1200 V1EN

 Torque control Platings

Galling

Elevated temperature effects

• Fastener strengths & markings

Hydrogen embrittlement

Dimensional Specifications

Screw thread profiles

DIN / ISO / ANSI

Material selection

Discount	Group	. 70502
Discount	Group	20302

Description	Pages	Bonus	Item #	Barcode
Engineers Black Book	164	Drill Gauge	L100 V2EN	9780958057110
Fasteners Black Book	248	Thread Pitch Gauge	L200 V1EN	9780958057134



## 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:

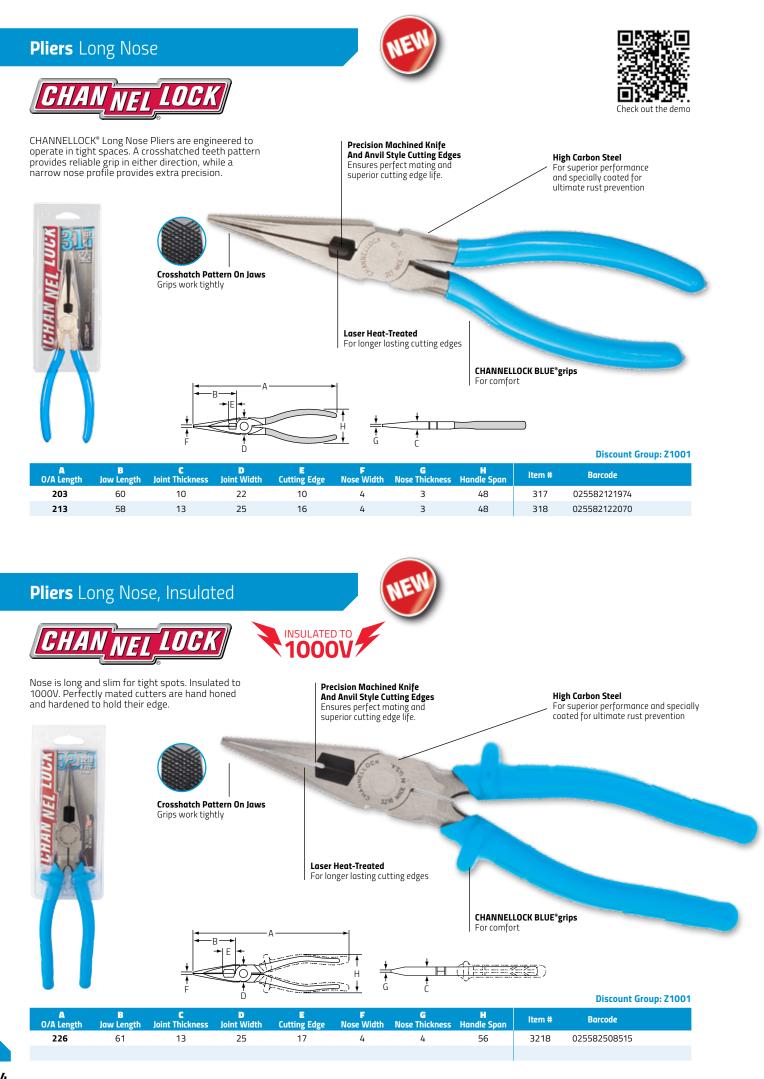
- 1. Good management is never far from the factory floor.
- 2. People count more than machines.
- 3. Bigger does not always mean better.
- 4. Dedication to excellence is the surest way to surmount adversity and to prosper.

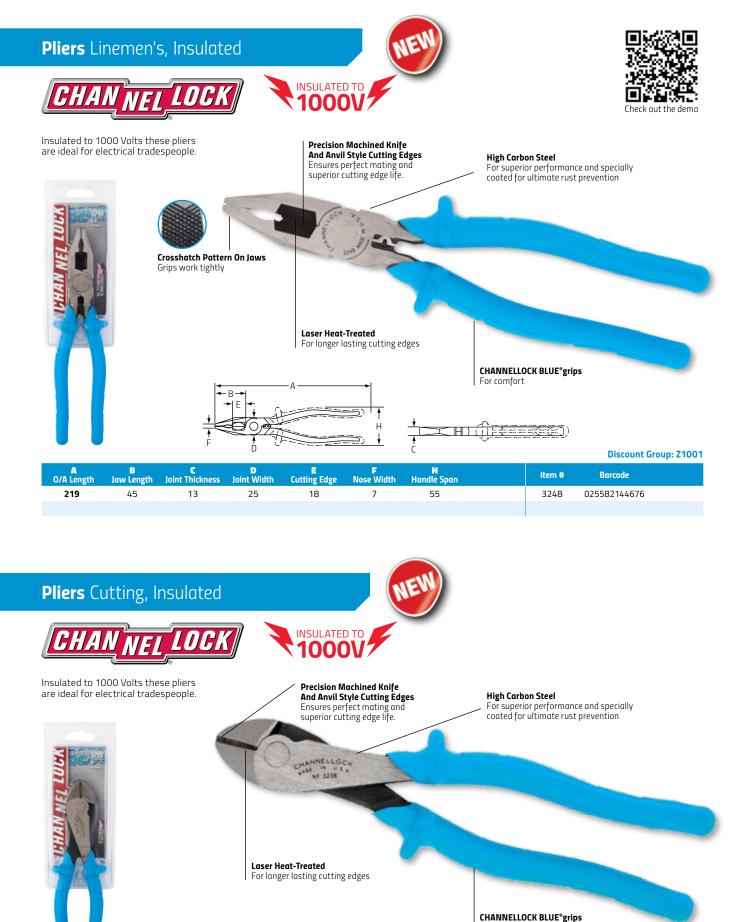
Channellock, Inc. is a company that has stood the test of time by making tools that do the same. Our tools, our values and our name are built to last.

Not a bad start. Not too bad at all.









Item # Barcode 0/A Length Cutti No la l en th Joint Thick loin Width Edge 30 207 025582508614 19 11 19 54 3238 -

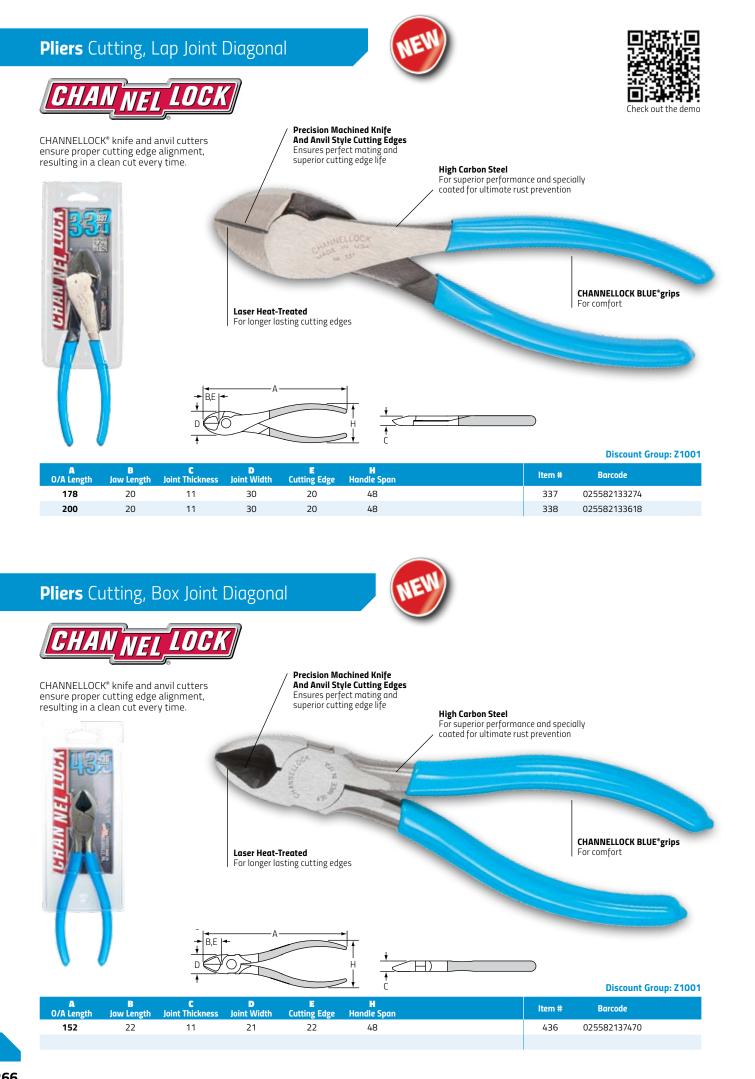
For comfort

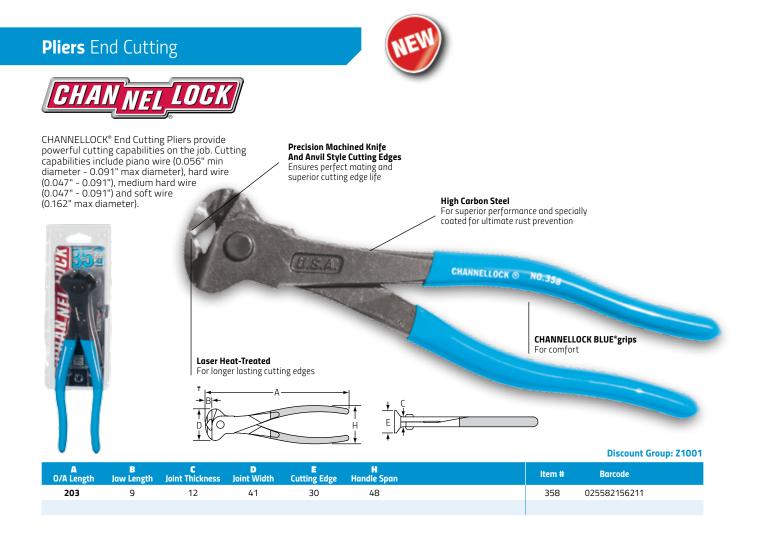
B.E

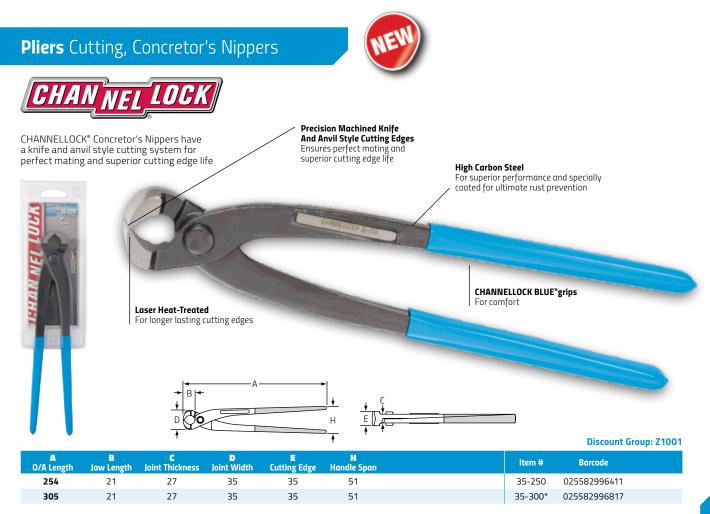
D

All measurements in millimetres (mm) Prices exclude GST

Discount Group: Z1001

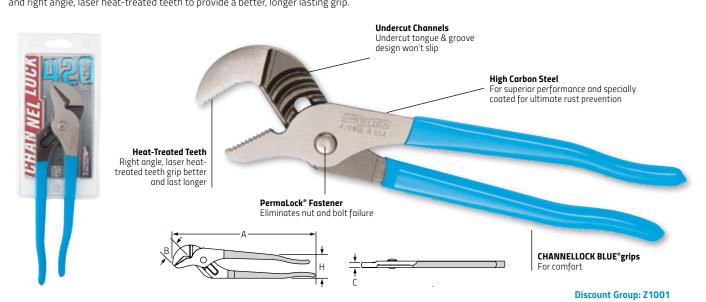






\* Not available once current stock is depleted

#### www.suttontools.com

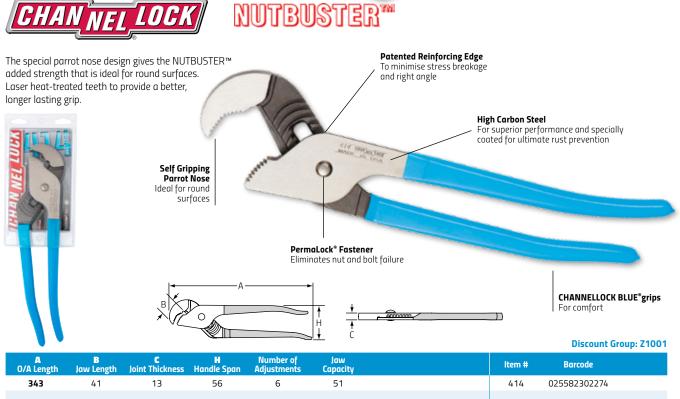


A O/A Length	<b>B</b> Jaw Length	<b>C</b> Joint Thickness	<b>H</b> Handle Span	Number of Adjustments	Jaw Capacity	Item #	Barcode
241	28	12	40	5	38	420	025582300676
114	8	3	32	3	13	424	025582301079
165	21	12	43	5	22	426	025582301277
254	35	11	54	7	51	430	025582301475
305	38	13	46	7	57	440	025582301673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



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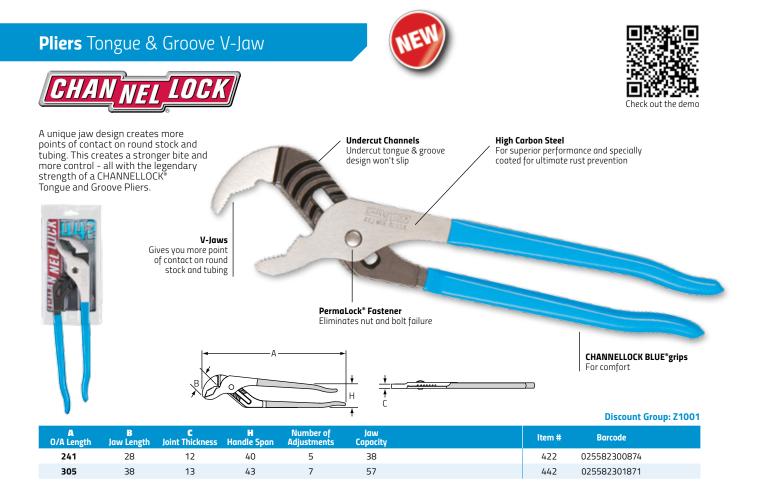




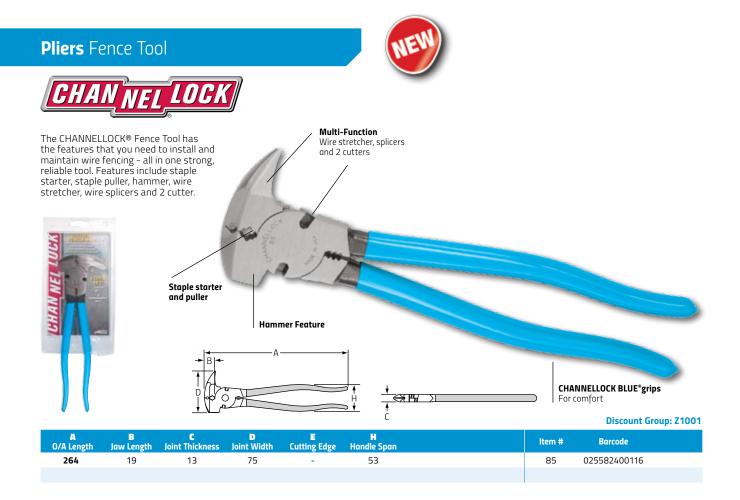
All measurements in millimetres (mm)

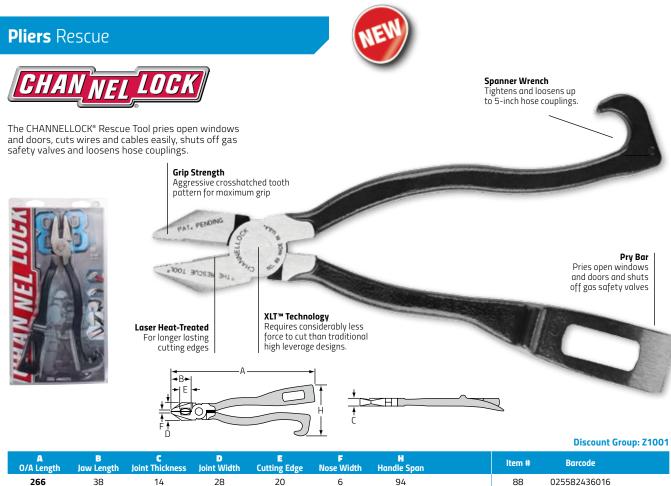
Prices exclude GST

www.suttontools.com

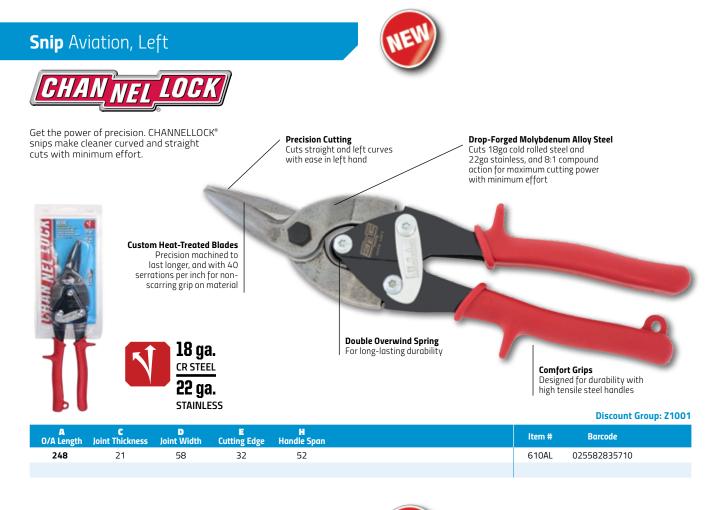








271









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 nonscarring grip on material

> > 18 ga.

CR STEEL

22 ga.

• **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

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

> > Discount Group: Z1001

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

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



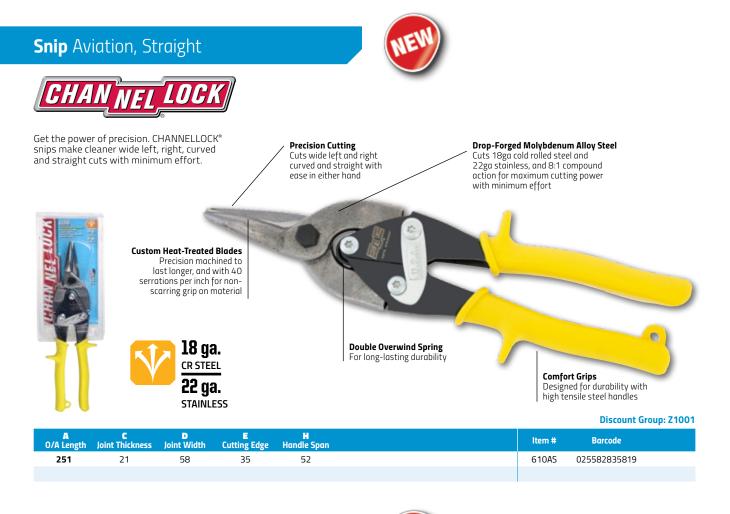


22 <u>g</u>a. STAINLESS

**Discount Group: Z1001** 

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

273



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 nonscarring 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

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

> > Discount Group: Z1001

A O/A Length	<b>C</b> Joint Thickness	D Joint Width	E Cutting Edge	H Handle Span	Ite	tem #	Barcode
238	21	58	22	52	61	510BS	025582835918

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









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

Made From High Carbon Steel For ultimate durability

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

Discount Group: Z1001

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



C	A D/A Length	B Jaw Capacity	<b>C</b> Joint Thickness	D Joint Width	ltem #	Barcode
	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®



IO WCB



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



Adjustable 4 thread knurl & non-protruding jaws provide greater capacity; minimal head width improves

performance in confined spaces

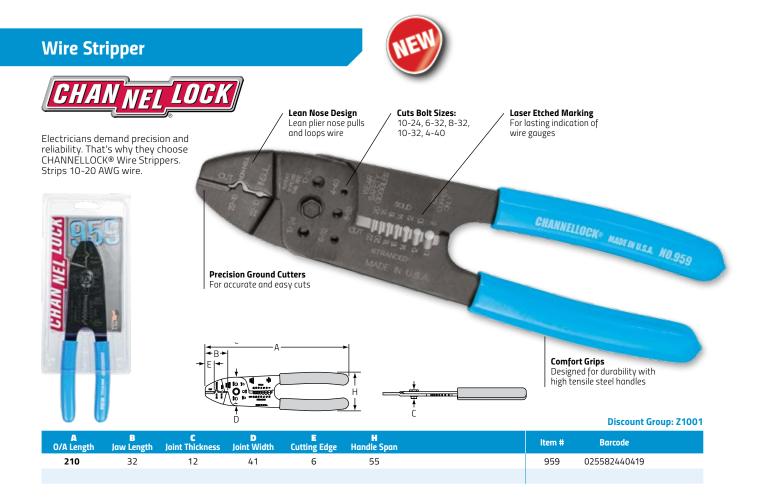
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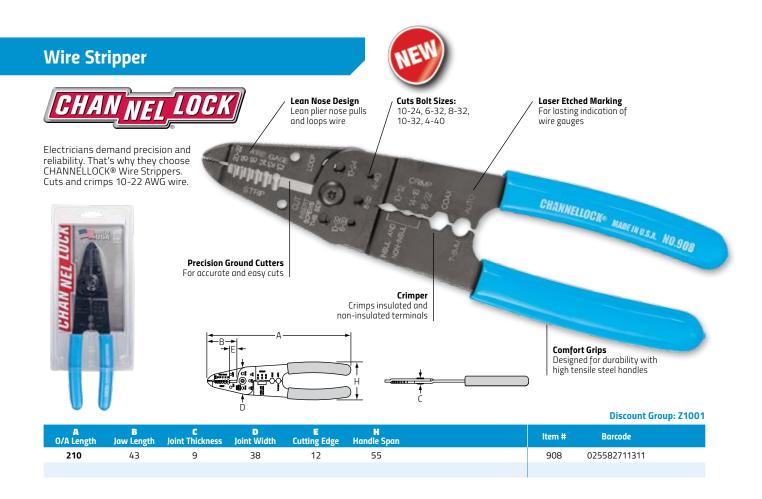
#### Discount Group: Z1001

A O/A Length	B Jaw Capacity	<b>C</b> Joint Thickness	D Joint Width		ltem #	Barcode
159	24	10	50	1	806WCB	025582598219
203	30	13	64	1	808WCB	025582589613
254	35	15	72	1	810WCB	025582561916
305	38	19	87	8	812WCB	025582599919

Measurement Scales (inch. on front mm. on reverse)

are handy for sizing nuts, pipe and tube diameters









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-1

PG-2





GS-4



GS-10

WS-2CB

			Discount Group: Z1001
Sets	Pieces	Item #	Barcode
<b>2 Pce Griplock<sup>*</sup> Tongue &amp; Groove Pliers Set</b> Contents: GL10 – 241mm & GL12 –318mm	2	GLS-1	025582990679
2 Pce Bottle Opener & Linesman Insulated Pliers Set Contents: BOCB & 3248 - 216mm	2	PG-1	025582300034
<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	GS-3	025582520180
<b>3 Pce Diagonal Cutter, Long nose &amp; Tongue &amp; Groove Pliers Set</b> Contents: 337 - 178mm & 3017 - 203mm & 430 - 254mm	3	GS-4	025582603517
<b>2 Pce Cutting and Tongue &amp; Groove Pliers Set</b> Contents: 369 - 241mm & 430 - 254mm	2	GS-10	025582531513
<b>2 Pce Adjustable Wrench Set</b> Contents: 806WCB - 159mm & 810WCB - 254mm	2	WS-2CB	025582586810
	2	WS-2CB	025582586810

GS-3