### Технические характеристики

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### **Insulation Pliers**

Pliers are individually forged from chrome vanadium steel, fully hardened & tempered

Addition of chrome & vanadium increases hardness & toughness of these pliers. Both these materials are rust inhibiting making pliers resistant to wear & tear thereby enhancing working life

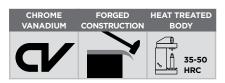
### 1000V Safe

Tested in accordance with VDE standards & insulated to 1000V AC for live wire working

Heavily insulated, dual colour, ergonomically designed TPR grip is shockproof & anti-slip making these pliers safest in use

### Available in the following types

- a. Combination Pliers
- b. Long Nose Pliers
- c. Side Cutting Pliers









### Available in the following variants:

### a. Combination Pliers



Most suitable for gripping, bending, straightening, crushing, pulling, stripping insulation, cutting wires etc.

### b. Long Nose Pliers

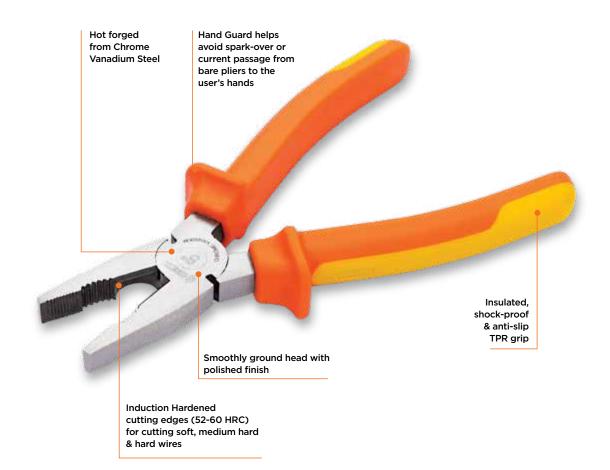


Most suitable for cutting & gripping wires

### c. Side Cutting Pliers



Most suitable for cutting wires





CAT	ORD	I	LENGTH
NR.	NR.	(INCH)	(MM)
COMBINATION PLI	ERS		•
CPL/CV/6	31530	6	150
CPL/CV/7	31531	7	175
<b>★</b> CPL/CV/8	31532	8	200
LONG NOSE PLIER	S		
*LNP/CV/6	31540	6	150
LNP/CV/7	31541	7	175
*LNP/CV/8	31542	8	200
SIDE CUTTING PLI	ERS		
★SCP/CV/6	31550	6	150
SCP/CV/7	31551	7	175
PLIER SETS			
PLR/CV/ST3	31570		mbination Plier, 7" Long ' Side Cutting Plier
PLR/CV/ST3A	31571		mbination Plier, 6"Long ' Side Cutting Plier





### Revolving **Punch Plier**

Professional quality plier, made from heavy gauge pressed steel sheet

Used to punch holes in leather, canvas, plastics, watch bands, belts etc.

Punches are precisely heat treated for extended life and are exposed to a brass anvil which prevents the edges from getting damaged in use. Each punch locates exactly in position locking in place with the prawl and ratchet mechanism.

Spring loaded revolving head incorporates 6 punches of sizes: 5/64" (2 mm) 3/32"(2.5 mm) 1/8"(3.0 mm) 9/64" (3.5 mm) 5/32"(4 mm) 3/16" (4.5 mm)





#### **ORDERING INFORMATION**

CAT	ORD	LEN	GTH
NR.	NR.	(INCH)	(MM)
RPL/6	31600	8.3/4	220



### End Nippers

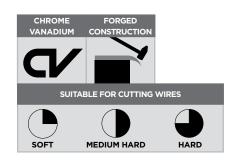
Forged from Chrome Vanadium Steel, hardened & tempered

Cutting Edge is hardened 52-60 HRC for clean cutting of soft and hard wires

Head in polished finish with plier body in corrosion resistant black oxide finish

Ergonomic Cushion grip handle

Designed to twist & cut binding wires, wire netting in reinforced concrete construction work



CAT	ORD	LEN	3TH	
NR.	NR.	(INCH)	(MM)	
EN/CV/6	32305	6	150	
EN/CV/8	32306	8	200	





# **Concrete Nippers**

Forged from C50 Steel, fully hardened & tempered

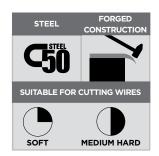
Cutting edge is hardened 54-58 HRC for clean cutting of soft and hard wires

Head in polished finish with plier body in corrosion resistant black oxide finish

Cushion ergonomic grip handle

Designed to twist & cut binding wires, wire netting in reinforced concrete construction work







### ORDERING INFORMATION

CAT	ORD	LENGTH	
NR.	NR.	(INCH)	(MM)
CN/CS/9	32340	9	225
CN/CS/10	32341	10	250
CN/CS/11	32342	11	275



### Front Cutters

Forged from C50 Steel, pliers are fully hardened & tempered

Cutting edge is hardened 52-60 HRC for cutting soft and medium hard wire brands & meshes

Corrosion resistant black oxide finish

Popular in the US, these are used to twist and cut wires in a single operation

STEEL	FORGED CONSTRUCTION
<b>C</b> 50	
SUITABLE FOR (	CUTTING WIRES
SOFT	MEDIUM HARD

CAT	ORD	LENGTH		
NR.	NR.	(INCH)	(MM)	
FCT/A/CS/6	32350	6	150	
FCT/A/CS/8	32351	8	200	







### Slip Joint Pliers

Forged from C50 Steel, pliers are fully hardened & tempered

Pliers feature a pivot point slip joint that can be conveniently moved to increase / decrease jaw range

Rust inhibiting chrome plated finish

Ergonomic cushion grip for convenience in usage

Useful for adjusting nuts, pulling out small nails etc.



CAT	ORD	LENGTH	
NR.	NR.	(INCH)	(MM)
SJP/CS/6DS	31642	6	150
SJP/CS/8DS	31643	8	200
SJP/CS/10DS	31644	10	250





### 72

### Wheel Balancing Plier

Forged from Chrome Vanadium Steel, plier is hardened & tempered

Rust resistant chrome plated finish with ergonomic cushion grip handles

These are used to remove & detach wheel balancing weights. These are also useful for forming wheel balancing weights, removing & attaching wheel balancing weights from rims etc.

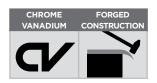


Plier being used to detach wheel balancing weights

Hammer end being used to form wheel balancing weights

Prying wheel balancing weights from the alloy rims

CAT	ORD	LENGTH		
NR.	NR.	(INCH)	(MM)	
WBP/CV/10	31665	10	250	







### Circlip Pliers

CLP

Hot forged from Chrome Vanadium Steel

Fully hardened & tempered

Precise & solid contact tips prevent circlip damage

Forged non slip tips for exceptional longevity & precision

Soft cushion grip for comfort in usage













CAT	ORD	DESCRIPTION	LENGTH	
NR.	NR.		(INCH)	(MM)
CLP/ST/E/150	31563	External Straight	6	150
CLP/ST/E/175	31580	External Straight	7	175
CLP/ST/I/150	31564	Internal Straight	6	150
CLP/ST/I/175	31581	Internal Straight	7	175
CLP/BND/E/150	31565	External Bent	6	150
CLP/BND/E/175	31582	External Bent	7	175
CLP/BND/I/150	31566	Internal Bent	6	150
CLP/BND/I/175	31583	Internal Bent	7	175





### Fencing Plier

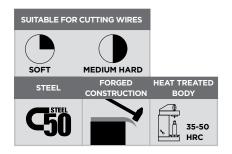
Forged from C50 Steel, plier is fully hardened & tempered 35-50 HRC

Plier has a rust inhibiting polished finish with ergonomic cushion grip handle.

### Multi-Use Tool

These are used to cut wires, pull out nails and staples, crimp ferrules, hammer in nails, form lops on wires, stretches barbed wire etc.

These are also used for erecting a stable fence, mark boundaries to keep animals within a designated area on farms etc.





Side slot for cutting wires

Main jaw for pulling out nails

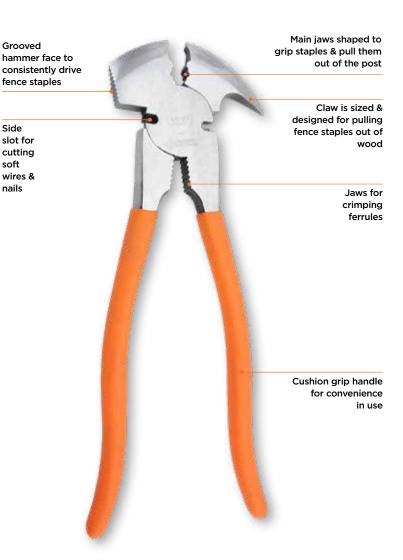


Jaws for crimping ferrules

Head for hammering in nails

Claw for pulling out staples from wood

CAT	ORD	LEN	GTH
NR.	NR.	(INCH)	(MM)
FPL/10H	31612	10-1/2	265





# MIG Welding Plier

Forged from C50 Steel, plier is fully hardened & tempered

Cutting edge is hardened 52-60 HRC for long lasting durability

Plier has a rust inhibiting polished finish with ergonomic cushion grip handle

Used for maintenance of Welding guns in MIG Welding



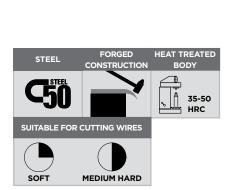
Welding Gun Nozzle filled with weld splatter

Tapered front jaw for removal of welding splatter from inside of the wedling gun nozzle



Nozzle removal & installation

Tip removal and installation



CAT	ORD	LEN	GTH
NR.	NR.	(INCH)	(MM)
MWP/8	31660	8	200







### Water Pump Pliers

Forged from Chrome Vanadium Steel

Fully hardened & tempered jaws clamp automatically on pipes & nuts

Serrated jaws set at 45° from the handles. Lower jaw can be moved to 7 position by sliding along a tracking section under the upper jaw. This allows adjustment to number of sizes without the distance of the handle growing too wide

Corrosion resistant black oxide finish

Ergonomic cushion grip for convenience in use

Used for turning & holding nuts & bolts, gripping irregular shaped objects, holding pipes, objects with large diameter etc.







CAT	ORD	LENGTH		
NR.	NR.	(INCH)	(MM)	
WPP/BJ/7/CV	31740	7	175	
★WPP/BJ/10/CV	31741	10	250	
★WPP/BJ/12/CV	31742	12	300	
WPP/BJ/16/CV	31743	16	400	



### Self Locking Pliers

Forged from Chrome Molybdenum Steel for higher strength & durability

Jaws are induction hardened 45-60 HRC for maximum torque with minimum input pressure

Curved jaw design grips nut and bolt head with high pressure on four points, which provides powerful tightening for applications requiring high torque

Spring loaded release mechanism provides controlled release making it ideal for applications in restricted space.

Wide adjustment screw coupled with rolled thread spindle provides for smoother adjustment of pressure on the work-piece

Non-pinch & rubberised non-slip grip for fatigue free use









CAT ORD NR. NR.		LENGTH		
	NR.	(INCH)	(MM)	
SLP/7C	31630	7	175	
<b>★</b> SLP/10C	31631	10	250	



### **Adjustable Wrenches**

Graduated

indicates

jaw opening

scale

Precision ground

jaws grip fasteners

better eliminating

Hot forged,

hardened & tempered Chrome Vanadium Steel

> **Chrome Plated** Finish

slippage

Adjustable Wrench is a spanner with a jaw of adjustable width. This allows the same wrench to be used with varying sizes of nuts & bolts unlike conventional fixed spanners

The same wrench can be used with both metric & imperial fasteners

Forged from Chrome Vanadium Steel, accurately hardened & tempered

Precision ground jaws for secure grip on fasteners

Ergonomic handle for comfortable grip reducing user fatigue



### NOTE

Ensure that fixed jaw leads the rotation & movable jaws follows the fixed jaw. This way, there will be less stress on the movable jaw which is not supported as ruggedly as the fixed jaw





CAT ORD NR. NR.	ORD	CILD				TORQUE	
	(INCH)	(MM)	(INCH)	(MM)	(KGF-M)		
AWR/CV/4	31754	4	100	1/2	13	66	
AWR/CV/6	31753	6	150	3/4	19	148	
AWR/CV/8	31750	8	200	15/16	24	148	
*AWR/CV/10	31751	10	250	1	27	245	
*AWR/CV/12	31752	12	300	1-5/16	34	392	
AWR/CV/15	31755	15	350	1-27/32	47	950	



# **Adjustable Pipe Wrenches Stillson Pattern**

Manufactured from selected tool steel

Accurately hardened & tempered jaws & frame

Jaws with Vee grooves to hold round jobs securely

Accurately machined screw threads and nut with spring jaws.

#### NOTE

These should not be used on nuts, bots & hexagonal fittings where they could cause damage.





CAT ORD NR. NR.		LEN		MAX. OPENING		
	(INCH)	(MM)	(INCH)	(MM)		
<b>★</b> SPW/10	31760	10	250	1-5/16	33	
<b>*</b> SPW/12	31761	12	300	1-21/32	42	
SPW/14	31762	14	350	1-7/8	48	
SPW/18	31763	18	450	2-3/8	60	
SPW/24	31764	24	600	2-7/8	73	









KNV/R/6



Heavy duty Retractable knife for continuous, non-stop usage

Rugged Zinc alloy body for prolonged tool life

SK 2 steel blades are accurately hardened & have superior edge retention to handle tough cutting jobs with ease.

Each blade can be used twice. When blunt, simply pull out blade, invert it & re-install. Knife is ready to

Quick change blade operation

- Simply press quick release button to slide out used blade
- 2. Load new blade with a squeeze of the lever

In-built storage compartment that can store up to 6 spare blades (included) gives convenient access to new

Ergonomic TPR handle with thumb groove for improved grip & ease of use

Suitable for cutting plastic, rubber, wood, gaskets, cardboard, fibre etc.

Blades available as spares as a pack of 12



Squeeze lever to load blade



Quick release button to slide out used blade





Storage compartment for storing 6 spare blades



Squeeze lever again to load new blade

#### **ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION		
KNV/R/6	61500	Knife		
BLD/KNV/R/ST12	61510	Spare blade, pack of 12		

#### **FEATURES**

,	
OVERALL	BLADE
LENGTH	THICKNESS
6-3/4" (170 MM)	.02" (0.6 MM)



# Retractable Utility Knife

KNV/5



GROZ Retractable knife for fatigue free non-stop usage

Lightweight, yet robust Aluminium Die Cast body

SK2 Steel blades with triple cutting edge makes the blades 50% sharper compared to regular blades

Each knife comes with 5 blades

Interlock nose secures the blade firmly making it safe in use

In-built blade storage compartment

Spare blades available as a pack of 10



Press the lever down & push forward to load blade



Quick & convenient blade interchange



Open screw to reach blade storage compartment



Total 5 blades: 4 blades come as spare inside the knife, with 1 blade in use

#### **ORDERING INFORMATION**

CAT NR.	ORD NR.	DESCRIPTION
KNV/5	61501	Knife
BLD/KNV/5/ST	61511	Spare blade, pack of 10

#### **FEATURES**

OVERALL	BLADE
LENGTH	THICKNESS
6-3/4"	.02"
(170 MM)	(0.6 MM)



#### UTILITY KNIFE PROFESSIONAL

### **Product Brief**

Retractable knife for continuous usage with reduced fatigue

Rugged Zinc alloy body for prolonged life

Comes with Ergonomic TPR grip which reduces slippage and increases user comfort

SK2 Steel blades are accurately hardened & have superior edge retention to handle tough cutting jobs with ease

Each blade can be used twice. When blunt, simply pull out blade, invert it & re-install. Knife is ready to use again

Lanyard hole for tying the knife with cable tie & hanging it on wall

Quick auto loading design allows the user to replace blunt blades

in seconds with simple push of a button

Easy access slider blade storage holds up to 5 blades for fast and easy blade change

Suitable for cutting plastic, rubber, wood, gaskets, cardboard, fibre etc.







CAT NR.	ORD NR.	DESCRIPTION
KNV/R/7	61502	Knife
BLD/KNV/5/ST	61511	Set of 10 spare blades

#### HEAVY DUTY RETRACTABLE CONSTRUCTION KNIFE

### **Product Brief**

Rugged Zinc alloy body for prolonged life

SK2 Steel blades are accurately hardened & have superior edge retention to handle tough cutting jobs with ease

In-built blade storage compartment

Each knife comes with 5 blades

Lanyard hole for tying the knife with cable tie & hanging it on wall

Bottom edge of knife can be used for hitting paper boards, cardboards after cutting etc





CAT NR.	ORD NR.	DESCRIPTION
KNV/10	61503	Knife
BLD/KNV/5/ST	61511	Set of 10 Spare Blades

### SNAP OFF KNIFE

### **Product Brief**

Rugged die cast aluminum body

Hardened SK2 steel blades with superior edge retention to handle tough cutting jobs with ease

Textured finish for positive slip-resistant grip

Easy access blade change

Auto locking slider for secure hold

Retractable blade for variable depth of cut

Removable blade snapper for removing worn out blades





CAT NR.	ORD NR.	DESCRIPTION
KNV/S/1	61520	Knife
BLD/KNV/S/1/ST	61512	Set of 10 Spare Blades

#### **RATCHETING PIPE CUTTER**

### **Product Brief**

### Precise cuts with no burrs!!

The new GROZ ratcheting pipe cutter is engineered for clean & convenient straight cuts.

Light weight, yet robust aluminium die cast body

Ratchet mechanism allows cutting without having to rotate the tool completely around the tubing/pipe.

Easy one-handed operation

SK5 Stainless steel blades – suitable for PVC, PP, PE, PER, ABS, PE-HD round & square pipes

Angled blade designed to precisely pierce the pipe/ tubing without bending or cracking the pipe

Cuts upto 1-21/32" ( 42mm) dia pipes

Spare blades available



CAT NR.	DESCRIPTION	PIPE CAPACITY LENGTH		LENGTH	WEIGHT		
		(MM)	(INCH)	(MM)	(INCH)	(KG)	(LBS)
PCT/RT/42	42 mm Pipe Cutter	42	1-21/32	225	8-55/64	0.42	0.92
BLD/PCT/RT/42	Spare Blade for 42 mm pipe cutter						

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