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# **KNIPEX** Automotive Catalog

NIDEX

www.knipex-tools.com



KNIPEX engineers pliers for masters of craft who - like us refuse to compromise. Born from a history of German innovation and unmatched quality, Craft is honed, trust is earned, and precision defines excellence.

- Leese



### **Cobra® Water Pump Pliers**





### **Cobra Water Pump Pliers**

#### > Push-button mechanism – adjust once and it stays

- > Self-locking on pipes and nuts means no slipping off the workpiece
- > Gripping surface with special hardened teeth (approx. 61 HRC) is wear resistant and grips any shaped object – round, square, hex or flat
- > Fine-adjustment provides an optimum adjustment to different size workpieces
- > Pinch guard prevents operators' fingers from being pinched

	KNIPEX #	Description	<b>⊲−</b> ► inch	Capacity Ø inch	Adjustment Positions	Handles
	87 00 100 SBA	Cobra XS Pliers	4	1	11	texturized
	87 01 125 SBA	Cobra Pliers	5	1 1/16	13	non-slip plastic
R	87 01 150 SBA	Cobra Pliers	6	1 1/4	11	non-slip plastic
	87 01 180 SBA	Cobra Pliers	7 1/4	1 1/2	18	non-slip plastic
2	87 01 250 SBA	Cobra Pliers	10	2	25	non-slip plastic
	87 02 250 SBA	Cobra Pliers	10	2	25	slim comfort grip
	87 01 300 SBA	Cobra Pliers	12	2 3/4	30	non-slip plastic
	87 02 300 SBA	Cobra Pliers	12	2 3/4	30	comfort grip
	87 01 400 SBA	Cobra XL Pliers	16	3 3/4	27	plastic dipped
	87 01 560 US	Cobra XXL Pliers	22	4 3/4	20	plastic dipped

### **Pliers Wrenches**





### **Pliers Wrenches**

- > Replaces a full set of open-end wrenches
- > Available in a black finish or chrome
- > Smooth jaws for damage free installation of plated fittings - working directly on chrome
- > Excellent for gripping, holding, pressing and bending
- > Laser-etched scale allows the wrench opening to be set before gripping onto workpiece
- > Parallel jaws allow infinitely variable gripping of all widths to the specified maximum size

	KNIPEX #	Description	Finish	<b>⊲−</b> ► inch	Capacity Ø inch	Adjustment Positions	Handles
ACCENTION	86 01 180 SBA	Pliers Wrench	black	7 1/4	1 1/2	15	non-slip plastic
July -	86 01 250 SBA	Pliers Wrench	black	10	2	19	non-slip plastic
Reg	86 01 300 SBA	Pliers Wrench	black	12	2 1/2	24	non-slip plastic
200-	86 04 100 SBA	Pliers Wrench	chrome	4	3/4	10	texturized
1.95	86 03 125 SBA	Pliers Wrench	chrome	5	7/8	11	plastic dipped
All Contractions	86 03 150 SBA	Pliers Wrench	chrome	6	1	14	plastic dipped
A Sector	86 03 180 SBA	Pliers Wrench	chrome	7 1/4	1 1/2	15	plastic dipped
A SILE	86 05 180 SBA	Pliers Wrench	chrome	7 1/4	1 1/2	15	comfort grip
A.	86 03 250 SBA	Pliers Wrench	chrome	10	2	19	plastic dipped
All	86 05 250 SBA	Pliers Wrench	chrome	10	2	19	slim comfort grip
Sec.	86 03 300 SBA	Pliers Wrench	chrome	12	2 1/2	24	plastic dipped
1:00	86 03 400 SBA	XL Pliers Wrench	chrome	16	3 3/8	25	plastic dipped

## **TwinGrip Pliers**





TwinGrip Pliers

- > Easily grip stripped screw and bolts with the front and side gripping areas
- > Push-button adjustment adjust once and it stays
- > Slim head design for working in confined spaces
- > Large front and side gripping capacities from 1/8" to 1 1/16"
- > Reliable gripping of flat workpieces due to the three-point system
- > Pinch guard prevents operators' fingers from being pinched
- > Durable construction due to box-joint design
- > Gripping surfaces with special hardened teeth (approx. 61 HRC)

	KNIPEX #	<b>→</b> inch	Capacity Ø inch	Adjustment Positions	Handles
	82 01 150 SBA	6	1/8 — 5/8	3	non-slip plastic
	82 01 200 SBA	8	5/32 — 7/8	5	non-slip plastic
	82 02 200 SBA	8	5/32 — 7/8	5	multi-component grip
	82 01 250 SBA	10	3/16 – 1 1/16	7	non-slip plastic
0-0	82 02 250 SBA	10	3/16 – 1 1/16	7	KNIPEXTEND comfort handles

00 20 06 US4



3 Pc TwinGrip Set (82 01 150, 82 01 200 and 82 01 250)

### **Push-Button Swedish Pipe Wrenches**





- Rapid adjustment design with push-button adjustment for quick and precise gripping.
   No unintentional shifting of the pliers handles and less effort required due to self locking action
- > The S-Type jaw provides a 3-contact point grip that securely handles round, square, hex and flat workpieces without slipping
- I-Beam handle style provides more strength and operating stability than a traditional pipe wrench style
- The handles stay close together and help to maneuver in confined areas even when the jaw capacity is at its max

#### Capacity Ø inch **∢**→ inch KNIPEX # Handles 83 61 010 13 1 5/8 plastic dipped 83 61 015 16 1/2 2 3/8 plastic dipped 83 61 020 22 2 3/4 plastic dipped 83 60 010 1 5/8 13 83 60 015 2 3/8 16 1/2 83 60 020 22 2 3/4

Swedish Pipe Wrenches w/ Rapid Adjustment

Round



Hex



### **Swedish Pipe Wrenches**





#### 45° Swedish Pipe Wrenches

	KNIPEX #	<b>←</b> ► inch	Capacity Ø inch
61	83 20 010	12 1/2	1 5/8
11- H	83 20 015	17	2 3/8
	83 20 020	22 1/2	2 3/4

#### 90° Swedish Pipe Wrenches

	KNIPEX #	<b>←</b> ► inch	Capacity Ø inch
<b>F</b>	83 10 010	12 1/2	1 5/8
	83 10 015	17 1/2	2 3/8
(	83 10 020	22	2 3/4

### S-Type Swedish Pipe Wrenches

KNIPEX #	<b>◄</b> ─► inch	Capacity Ø inch
83 30 010	13	1 5/8
83 30 015	17	2 3/8

- > Three types of head styles available  $45^\circ,\,90^\circ$  and S-Type
- > The 45° and 90° head styles permit access into tight and confining workspaces
- > The S-Type jaw provides a 3-contact point grip that securely handles round, square, hex and flat workpieces without slipping
- > Serrated adjusting nut with integrated guard prevents unthreading
- >I-Beam handle style provides more strength and operating stability than a traditional pipe wrench style
- > The handles stay close together and help to maneuver in confined areas even when the jaw capacity is at its max



Round



### **Gripping Pliers**





### > Tightly holds round or flat material

- > Heavy-duty tools for long life
- > Adjustment screw and release lever for easy use
- > Perfect for one-handed operations
- > High clamping pressure due to toggle lever action
- > Universal Grip Pliers (40 14 250) has a unique bottom jaw that pivots automatically to adjust to any shape - flat, round, square and hex
- > Long Nose Grip Pliers (41 44 200) has a thin head for narrow areas and non-serrated gripping area for pinching off hoses

#### **Gripping Pliers**

			G	iripping Capacit	ty
	KNIPEX #	<b>◄</b> →► inch	Ø inch	Ø inch	Ø inch
A Defense	40 04 180 SBA	7 1/4	1 3/8	1	1 1/4
	40 04 250	10	1 3/8	1 3/16	1 1/4
	40 14 250 SBA	10	1 11/16	1 5/8	1 3/4
0	41 14 250	10	1 27/64	_	1 27/64
	41 24 225 SBA	9	1	_	1 3/16
pieres -	41 44 200	8	13/16	13/16	1 3/16



Flat



### **Pipe and Connector Pliers**







### **Pipe and Connector Pliers**

- > The innovative plastic inserts consists of two component materials; soft outer layer and inner hard layer
- > Once this tool is set it stays in that position without movement until you change it, making it the ideal tool for repetitive work
- > The rounded jaws grab ahold of round pipes and connectors up to 3" diameter
- > Ideal for tightening and loosening siphon screw connections, plastic pipe fittings and round union nuts
- > The soft jaw version is an ideal tool for cannon plugs in aviation and electrical connections in high performance automotive, truck and trailer applications
- > Replaceable plastic jaws for soft surfaces with diameters up to 3"
- > For gentle loosening of hoses on nozzles
   25 adjustment positions, box-joint design for high stability

	KNIPEX #	Description	inch	Capacity Ø inch	Adjustment Positions	Handles
3	81 01 250 SBA	serrated jaws	10	1 – 3 5/32	25	non-slip plastic
	81 11 250 SBA	plastic jaws	10	3/8 – 3	25	non-slip plastic

11 III	81 19 250 V01	2 pairs of original hard red plastic inserts for 81 11 250 SBA
	81 19 250 V02	2 pairs of soft outer and hard outer blue and red two component inserts for 81 11 250 SBA

### **Clamp Pliers**





#### **Hose Clamp Pliers**

	KNIPEX #	<b>⊲</b> ► inch	Capacity Ø inch	Adjustment Positions	Handles
R	85 51 180 A SBA	7 1/4	2	15	plastic dipped
	85 51 250 A SBA	10	2 3/4	25	plastic dipped
	85 51 250 AFSBA	10 w/ lock	2 3/4	19	plastic dipped

#### **Click Clamp Pliers**

KNIPEX #	<b>-→</b> inch	Capacity Ø inch	Adjustment Positions	Handles
85 51 180 C SBA	7 1/4	1 3/4	12	plastic dipped
85 51 250 C SBA	10	2 3/4	15	plastic dipped

#### **Ear Clamp Pliers**

KNIPEX #	<b>∢</b> —► inch	Style	Handles
10 98 i220 SBA	8 3/4	single jaw	plastic dipped
10 99 i220 SBA	8 3/4	dual jaw	plastic dipped

### **Hose Clamp Pliers**

- > Rotatable tips for reliably gripping hose clamps in all positions
- > Clamps can be opened and moved without much effort
- > Slim head design; narrow head fits into confined spaces
- > 85 51 250 AF Comes with lock to hold hose clamps open without holding onto the pliers

### **Click Clamp Pliers**

- > Rotatable tips for reliably gripping click clamps in all positions
- > Clamps can be opened and closed easily without much effort
- > Serrated gripping jaws for easy loosening of tight hoses

### Ear Clamp Pliers

- > Will not damage the press points on the ear clamps
- > For clamps on CV boots, coolant and fuel lines, air pressure systems, and compressors
- > 10 99 i220 has an additional side jaw for easy clamping at a 90° angle when space is limited



### **Specialty Pliers**







**Specialty Pliers** 





### **SmartGrip® Water Pump Pliers**

- > Automatic adjustment for one-hand operation
- > Ideal for frequent changeovers of different sized and shaped materials
- > Non-slip handles for ease of use

### **Cobra QuickSet Water Pump Pliers**

- > Fast adjustment on the workpiece by sliding the pliers handle
- > Reliable locking of the hinge bolt with the first workload

### **Raptor**<sup>®</sup> **Pliers**

- > Has a unique jaw shape excellent for gripping objects in tight or confining spaces
- > The best pliers on rusty or rounded-off nuts and bolts

### Cobra Extra-Slim (ES) Water Pump Pliers

- > Has long, slim and narrow jaws for getting into extra tight spaces
- > Grips flat workpieces and is ideal for service and maintenance

	KNIPEX #	<b>←→</b> inch	Description	Ø inch	Ø inch	Adjustment Positions	Handles
8000	85 01 250 US	10	SmartGrip Water Pump Pliers	1 1/4	1 13/32	-	non-slip plastic
	87 21 250 SBA	10	Cobra QuickSet Water Pump Pliers	2	1 3/4	25	non-slip plastic
	87 21 300 SBA	12	Cobra QuickSet Water Pump Pliers	2 3/4	2 3/64	25	non-slip plastic
R	87 22 250 SBA	10	Cobra QuickSet Water Pump Pliers	2	1 3/4	25	slim multi-component
R	87 41 250 SBA	10	Raptor Pliers	-	3/8 — 1 1/4	15	non-slip plastic
	87 51 250 SBA	10	Cobra Extra-Slim (ES) Water Pump Pliers	1 1/4	1 3/8	19	non-slip plastic

### **Alligator<sup>®</sup> Water Pump Pliers**





- > Self-gripping jaw design won't slip
- > Gripping surface with special hardened teeth (approx. 61 HRC) is wear resistant and grips any shaped object – round, square, hex or flat
- > Easy access to the workpiece due to slim size in the head and joint area
- > Box-joint design provides directional stability
- > Pinch guard prevents operators' fingers from being pinched

Square

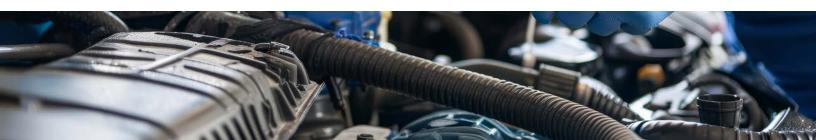






Hex

	KNIPEX #	<b>⊲</b> → inch	Capacity Ø inch	Adjustment Positions	Handles
Jan Contraction	88 01 180 SBA	7 1/4	1 1/2	9	non-slip plastic
Sec.	88 02 180 SBA	7 1/4	1 1/2	9	comfort grip
	88 01 250 SBA	10	2	9	non-slip plastic
	88 02 250 SBA	10	2	9	slim comfort grip
	88 01 300 SBA	12	2 3/4	9	non-slip plastic
	88 02 300 SBA	12	2 3/4	9	comfort grip
	88 01 400 SBA	16	3 3/4	11	plastic dipped



### **Electrical Installation Pliers**





### **Forged Wire Stripper**

KNIPEX #	<b>-→</b> inch	Stripping Capacity	Cutting Capacity	Handles
13 71 8 SBA	8	10 to 20 AWG	1/2	plastic dipped
13 72 8 SBA	8	10 to 20 AWG	1/2	comfort grip

### 4-in-1 Electrician's Pliers

				Cutting Capacity			
	KNIPEX #	<b>⊲</b> →► inch	Stripping Capacity	● Ø inch	● Ø inch	Crimping	Handles
~-0	13 01 614 SBA	6 1/4	10 / 12 / 14 AWG	3/32	1/16	14 – 20 AWG	plastic dipped

### 6-in-1 Electrical Installation Pliers

KNIPEX #	<b>←→</b> inch	Stripping Capacity	Cutting Capacity	Crimping	Handles
13 81 8 SBA	8	12 and 14 AWG	9/16	12 – 20 AWG	plastic dipped

#### $\bigcirc$ medium hard wire $\bigcirc$ hard wire $\bigcirc$ Cu + Al multi-conductor cable, solid and multi-stranded

### **Forged Wire Strippers**

- > Cuts 6-32 and 8-32 screws without threading
- > Strips 10 to 20 AWG both solid and stranded wire
- > Shear cutting blades cut NM-B, battery cable BX and MC

### **Electrician's Pliers**

- > 4 Functions in one pliers grips, cuts, strips and crimps
- > For cutting soft, medium, and hard wire

### **Electrical Installation Pliers**

- > 6 Functions in one pliers grips, cuts, strips, bends, crimps and deburrs
- > Stripping holes for 12 to 14 AWG
- > Crimp die for end sleeves (ferrules) 12 to 20 AWG







### Long Nose Pliers and Needle-Nose Combination Pliers





#### Long Nose Pliers w/Cutter

			Cutting Capacity		
KNIPEX #	Style	<b></b> ► inch	Ø inch	Ø inch	Handles
 26 11 200 SBA	straight	8	1/8	3/32	plastic dipped
 26 12 200 SBA	straight	8	1/8	3/32	comfort grip

### Long Nose Pliers

- > Elastic precision tips will not deform or bend and spring back into place
- > Serrated jaws provide a strong grip
- > Half-round, tapered jaws provide a long, thin and deep reach

### **Needle-Nose Combination Pliers**

- > For use when working in confined areas due to the slim head design and pointed jaws (anti-twist)
- > Special convex contour provides a stable 3-point contact for secure gripping of flat parts
- > Secure 3-point gripping on flat workpieces and stable, flexible tips







#### Angled Nose Pliers w/Cutter

				Cutting	Capacity	
	KNIPEX #	Style	<b>∢</b> → inch	Ø inch	Ø inch	Handles
	26 21 200 SBA	40° angled	8	1/8	3/32	plastic dipped
~~	26 22 200 SBA	40 <sup>°</sup> angled	8	1/8	3/32	KNIPEXTEND comfort handles

#### **Needle–Nose Combination Pliers**

	Cutting Capacity				
KNIPEX #	<b></b> ► inch	● Ø inch	Ø inch	Ø inch	Handles
08 21 145 SBA	5 3/4	1/8	5/64	5/16	plastic dipped
08 22 145 SBA	5 3/4	1/8	5/64	5/16	comfort grip
08 21 185 SBA	7 1/4	5/32	1/8	1/2	plastic dipped
08 22 185 SBA	7 1/4	5/32	1/8	1/2	comfort grip

### **Mechanics'** Pliers





- > High-strength jaws and tips bend and snap back into place
- > Cross-hatched gripping surfaces, knurled
- > Vanadium electric steel; forged, oil-hardened
- Style 1 Long, half-rounded jaws; serrated gripping
- Style  $2 40^{\circ}$  angled jaws
- Style 3 Curved tips
- Style 4 Long, trapezoidal jaws; serrated gripping
- Style 5 70° angled jaws; suitable for pulling cotter pins and for hard to reach areas
- Style 6 Double bent jaws
- Style 7 45° angled, half-rounded jaws; suitable for gripping spark plugs & round components

						Dimensions					
	KNIPEX #	<b>⊲</b> –► inch	Handles	Style	L3 inch	W3 inch	T1 inch	W4 inch	T2 inch		
-02	38 11 200	8	plastic coated	1	2 7/8	11/16	3/8	1/8	3/32		
	38 21 200	8	plastic coated	2	2 7/8	11/16	3/8	1/8	3/32		
$\sim$	38 31 200	8	plastic coated	3	2 7/8	11/16	3/8	1/8	3/32		
~~	38 71 200	8	plastic coated	5	2 7/8	11/16	3/8	1/8	5/64		
	38 81 200 A	8	plastic coated	6	2 3/4	45/64	3/8	1/8	3/32		
$\sim <$	38 81 200 B	8	plastic coated	6	2 3/4	45/64	3/8	1/8	3/32		
$\sim$	38 91 200	8	plastic coated	7	2 7/8	11/16	3/8	_	3/32		





### **High Leverage Diagonal Cutters**





### **High Leverage Diagonal Cutters**

### > Precision matched, induction hardened cutting edges cut soft and hard wire

- > Heavy-duty, fixed forged on axle rivet joint ensures smooth operation
- > High cutting performance with minimum effort due to optimum coordination of the cutting edge angle, transmission ratio and handle shape
- > No break-in period needed smooth operation from the start

			C	utting Capaci	ty		
	KNIPEX #	<b>⊲</b> –► inch	Ø inch	Øinch	Ø inch	Handles	
-80	74 01 140	5 1/2	1/8	5/64	1/16	plastic dipped	
-70	74 02 140	5 1/2	1/8	5/64	1/16	comfort grip	
-30	74 01 160 SBA	6 1/4	9/64	3/32	5/64	plastic dipped	
	74 02 160	6 1/4	9/64	3/32	5/64	comfort grip	
	74 01 180 SBA	7 1/4	5/32	7/64	3/32	plastic dipped	
	74 02 180	7 1/4	5/32	7/64	3/32	KNIPEXTEND comfort handles	
	74 01 200 SBA	8	11/64	1/8	3/32	plastic dipped	
	74 02 200 SBA	8	11/64	1/8	3/32	KNIPEXTEND comfort handles	
-10-	74 01 250 SBA	10	3/16	9/64	1/8	plastic dipped	
-10-	74 02 250 SBA	10	3/16	9/64	1/8	comfort grip	







medium hard wire hard wire piano wire

### **CoBolt<sup>®</sup> Compact Bolt Cutters**





### Exceptional cutting performance: 60% less effort compared to conventional high leverage diagonal cutters

- > Induction hardened cutting edges (approx. 64 HRC) for cutting soft, hard and piano wire
- > Cuts materials like bolts, nails, rivets, etc.
- > Micro-structured cutting edges allow easy cutting of large cross-sections
- > Gripping surface below the joint for gripping and pulling wires
- > Notch in blade allows easier cutting of thicker objects

					utting Capao			
	KNIPEX #	<b>-</b> ► inch	Style	● Ø inch	Ø inch	● Ø inch	Ø inch	Handles
	71 01 160 SBA	6 1/4	straight	13/64	11/64	1/8	1/8	plastic dipped
COR.	71 31 160 SBA	6 1/4	straight w/ notch	13/64	3/16	9/64	1/8	plastic dipped
COK	71 01 200 SBA	8	straight	1/4	13/64	5/32	9/64	plastic dipped
COK	71 02 200 SBA	8	straight	1/4	13/64	5/32	9/64	slim comfort grip
C 7 KO	71 12 200 SBA	8	straight w/ spring	1/4	13/64	5/32	9/64	slim comfort gri
SPR0	71 22 200 SBA	8	20° angled w/ spring	1/4	13/64	5/32	9/64	slim comfort gri
	71 31 200 SBA	8	straight w/ notch	1/4	13/64	5/32	9/64	plastic dipped
CHEQ	71 32 200	8	straight w/ notch and spring	1/4	13/64	5/32	9/64	slim comfort grip
CTL	71 41 200 SBA	8	20° angled w/ notch	1/4	13/64	5/32	9/64	plastic dipped
	71 01 250 SBA	10	straight	-	7/32	5/32	5/32	plastic dipped
	71 31 250 SBA	10	straight w/ notch	-	1/4	11/64	11/64	plastic dipped

#### **CoBolt Compact Bolt Cutters**

● soft wire ● medium hard wire ● hard wire ● piano wire

### **Wire Rope Cutters**





#### Wire Rope Cutters

### Bowden Cable Cutter

- > For Bowden cables and soft wire
- > Sickle shape cutting edges surround the material and prevent the wire rope from fanning out

### Wire Rope Shears

- > All shears include thumb lock and opening spring
- > Cuts cleanly and evenly without wire ends splaying of fanning out
- > 6 1/4" version is considerably more powerful due to the box joint design
- > The 7 1/2" versions include two crimping dies for end caps on Bowden cable sheaths and ferrules for wire rope

	KNIPEX #	Description	<b>-→</b> inch	Cutting Capacity Ø inch	Handles
0	95 61 150 SBA	Bowden Cable Cutter	6	1/8	plastic dipped
	95 62 160 SBA	Wire Rope Shears	6 1/4	5/32	comfort grip
	95 61 190 SBA	Wire Rope Shears	7 1/2	13/64	plastic dipped
	95 62 190 SBA	Wire Rope Shears	7 1/2	13/64	comfort grip



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### **Cable Shears**





- > For cutting copper and aluminum cables
- > Precision ground, hardened blades
- > Not suitable for steel wire and hard drawn copper
- > StepCut Cable Shears have cutting edge gradations cut wires one after the other
- > The StepCut XL has dual cutting areas step cutting edges position cables close to the joint and the front cutting edge is used for the gradual cutting (nibbling) of larger cables

#### **Cable Shears**

KNIPEX #	<b></b> ► inch	Style	Cutting Capacity Ø inch	AWG
95 11 165 SBA	6 1/2	single jaw	19/32	1/0
95 21 165	6 1/2	single jaw w/ opening spring and lock	19/32	1/0
95 11 200 SBA	8	double jaw	25/32	2/0



### StepCut Cable Shears

KNIPEX #	<b>←→</b> inch	Style	Cutting Capacity	AWG
95 11 160 SBA	6 1/4	StepCut single jaw	9/16	1/0
 95 11 225 SBA	9	StepCut double jaw	29/32	2/0
95 12 225 SBA	9	StepCut double jaw	29/32	2/0



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Cu + Al multi-conductor cable, solid and multi-stranded

### Electronics Super Knips<sup>®</sup> and Diagonal Flush Cutters for Plastic





#### **Electronics Super Knips**

 KNIPEX #	<b>∢</b> →► inch	Style	Handles
78 03 125	5	straight	multi-component
78 61 125 SBA	5	straight	multi-component
78 03 140 SBA	5 1/2	straight	multi-component
78 61 140	5 1/2	straight	multi-component

#### **Diagonal Flush Cutters for Plastics**

KNIPEX #	<b>←</b> ► inch	Style	Handles
72 01 140	5 1/2	straight	plastic dipped
72 01 160	6 1/4	straight	plastic dipped
72 01 180	7 1/4	straight	plastic dipped
72 11 160	6 1/4	45°	plastic dipped
72 21 160	6 1/4	85°	plastic dipped

### **Electronics Super Knips**

- > Precision pliers for ultra-fine cutting work for plastics, soft wires and cable ties
- > Very precisely ground and sharp cutting edges without bevel for a flush cut

### **Diagonal Flush Cutters for Plastic**

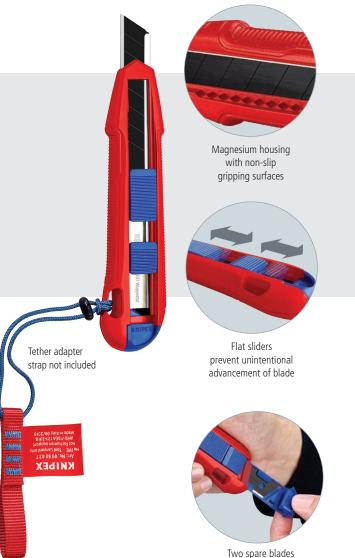
- > Provides a fully flush cut when cutting tie-wraps, plastic and soft metals
- > Opening spring for easy repetitive work





### **CutiX Universal Snap Knife**





stored in the handle

- > Innovative stabilization bar keeps the blade from bending for quicker cutting
- > Two separate sliders one for blade and one for stabilization bar
- > Uses standard 18 mm snap-off blades
- > Blades can be easily replaced without tools with just a push of the button
- > Lightweight magnesium housing with non-slip gripping surfaces
- > Two spare blades stored in the handle
- > Tether attachment point can be used with the KNIPEX Tethered Tools System





### CutiX Universal Snap Knife

KNIPEX #	<b>4</b> → inch	Housing	
90 10 165 BKA	6 1/2	magnesium	
 90 10 165 E01	spare stabilization bar		
90 10 165 E02	replacement blades for CutiX (set of 10)		

### **Internal Precision Snap Ring Pliers**





- > Up to 10x longer service life compared to turned tips
- > For fitting internal snap rings on bore holes
- > Form-fitting inserted and pressed-in tips made of high-density spring steel
- > Available with straight or 90° angled tips
- > Non-slip plastic handles

 5			
KNIPEX #	<b>⊲</b> ► inch	Style	Size of Bore Ø inch
48 11 J0	5 1/2	straight	5/16 — 1/2
 48 11 J1	5 1/2	straight	15/32 — 1
48 11 J2	7 1/4	straight	3/4 – 2 23/64
 48 11 J3	9	straight	1 37/64 – 3 15/16
48 11 J4	12 1/2	straight	3 11/32 – 5 1/2
48 21 J01	5 1/8	90° angled	5/16 — 1/2
48 21 J11	5 1/8	90° angled	15/32 — 1
48 21 J21	6 1/2	90° angled	3/4 — 2 23/64
48 21 J31	8 1/4	90° angled	1 37/64 – 3 15/16
48 21 J41	12	90° angled	3 11/32 – 5 1/2

#### **Internal Precision Snap Ring Pliers**





Or

## **External Precision Snap Ring Pliers**





### > Up to 10x longer service life compared to turned tips

- > For fitting external snap rings on shafts
- > Form-fitting inserted and pressed-in tips made of high-density spring steel
- > Available with straight or 90° angled tips
- > Non-slip plastic handles

	KNIPEX #	<b>⊲</b> → inch	Style	Size of Shaft Ø inch
$\checkmark$	49 11 A0	5 1/2	straight	1/8 – 25/64
	49 11 A1	5 1/2	straight	25/64 — 1
$\checkmark$	49 11 A2	7 1/4	straight	3/4 – 2 23/64
$\checkmark$	49 11 A3	9	straight	1 37/64 – 3 5/16
$\checkmark$	49 11 A4	12 1/2	straight	3 11/32 – 5 1/2
	49 21 A01	5 1/4	90° angled	1/8 — 25/64
	49 21 A11	5 1/4	90° angled	25/64 — 1
	49 21 A21	6 1/2	90° angled	3/4 – 2 23/64
	49 21 A31	8 1/4	90° angled	1 37/64 – 3 15/16
	49 21 A41	12	90° angled	3 11/32 – 5 1/2
	49 31 A0	5 1/2	straight w/ opening limiter	1/8 — 25/64
	49 41 A01	5 1/4	90° w/ opening limiter	1/8 — 26/64

### **External Precision Snap Ring Pliers**





### **Double-Edged Screw Extractors**





- > Four-double edged cutting / gripping edges= 8 points of contact
- > Non-slip engagement removes even the toughest frozen bolts
- > Tip has built-in center punch, no additional tool required
- > For both left and right-handed threads
- > 7 Sizes available
- > Made of High Alloy German Chrome Vanadium steel for a long life

			Drill D	iameter			Bolt	Sizes
	KNIPEX #	Size	Min inch	Max inch	Hea	ng Hex d Size Ich	Min inch	Max inch
4710013 #14sees	9R 471 001 3	1	1/8	3/16	1	/4	3/16	1/4
	9R 471 002 3	2	3/16	9/32	3	/8	5/16	3/8
	9R 471 003 3	3	1/4	3/8	1	/2	7/16	1/2
01(661) 14	9R 471 004 3	4	11/32	1/2	5	/8	1/2	9/16
Contraction of the second	9R 471 005 3	5	7/16	5/8	3	/4	5/8	3/4
C71,0040 (44	9R 471 006 3	6	9/16	3/4	7	/8	7/8	1
	9R 471 007 3	7	3/4	15/16		1	1	>1
	KNIPEX #	Description				Sizes	Packa	aging
	9R 471 900 3	5 Pc Set			1 – 5	vinyl	pouch	
	9R 471 901 3	5 Pc Set			1 – 5	meta	l case	





### **Jaw Protectors**





- Smooth plastic upper and lower jaw protectors easily snap into place and prevent damage to workpieces
- > Each set includes 3 pairs of protective jaws
- > Non-marring offers an extra layer of protection for the Pliers Wrench and Cobra
- > Cobra<sup>®</sup> Pliers jaw protectors have a smooth gripping surface and cover all the teeth

#### Jaw Protectors for Pliers Wrenches

KNIPEX #	Description	Compatibility
86 09 180 V01	for 7 1/4" Pliers Wrench	fits Pliers Wrenches from 2019 - present
86 09 250 V01	for 10" Pliers Wrench	fits Pliers Wrenches from 2018 - present
86 09 300 V01	for 12" Pliers Wrench	fits Pliers Wrenches from 2020 - present



Easy to install – Just snap the upper and lower jaws onto the pliers wrench jaws



Non-marring – offers an extra layer of protection for the pliers wrench

#### Jaw Protectors for Cobra Pliers

KNIPEX #	Description	Compatibility
87 09 180 V01	for 7 1/4" Cobra Pliers	fits Cobra Pliers from 2010 - present
87 09 250 V01	for 10" Cobra Pliers	fits Cobra Pliers from 2007 - present
87 09 300 V01	for 12" Cobra Pliers	fits Cobra Pliers from 2008 - present



Easily snaps onto gripping jaws of the 7 1/4", 10" and 12" Cobra Pliers



The protective jaws have a smooth gripping surface and cover all the teeth on the tool







00 20 06 US1 3-Piece Cobra® Water Pump Pliers Set

Component	Description	Handles
87 01 180	7 1/4" Cobra® Water Pump Pliers	non-slip plastic
87 01 250	10" Cobra <sup>®</sup> Water Pump Pliers	non-slip plastic
87 01 300	12" Cobra® Water Pump Pliers	non-slip plastic



#### 9K 00 80 149 US 8-Piece Cobra® Water Pump Pliers Set

Component	Description	Handles
87 00 100	4" Cobra XS Water Pump Pliers	texturized
87 01 125	5" Cobra Water Pump Pliers	non-slip plastic
87 01 150	6" Cobra Water Pump Pliers	non-slip plastic
87 01 180	7 1/4" Cobra Water Pump Pliers	non-slip plastic
87 01 250	10" Cobra Water Pump Pliers	non-slip plastic
87 01 300	12" Cobra Water Pump Pliers	non-slip plastic
87 01 400 US	16" Cobra Water Pump Pliers	plastic dipped
87 01 560 US	22" Cobra Water Pump Pliers	plastic dipped



### 00 20 06 US2 3-Piece Pliers Wrench Set

Component	Description	Handles
86 03 180	7 1/4" Chrome Pliers Wrench	plastic dipped
86 03 250	10" Chrome Pliers Wrench	plastic dipped
86 03 300	12" Chrome Pliers Wrench	plastic dipped



00 20 72 VO4 XS 2-Piece Mini Pliers Set in Belt Pouch

Component	Description	Handles
86 04 100	4" Pliers Wrench XS	texturized
87 00 100	4" Cobra <sup>®</sup> XS Water Pump Pliers	texturized





### 00 20 06 US4 3-Piece TwinGrip Pliers Set

Component	Description	Handles
82 01 150	6" TwinGrip Pliers	non-slip plastic
82 01 200	8" TwinGrip Pliers	non-slip plastic
82 01 250	10" TwinGrip Pliers	non-slip plastic



### 9K 00 80 135 US 2-Piece Hose Clamp & Click Clamp Set

Component	Description	Handles
85 51 250 AF	10" Hose Clamp Pliers with Lock	non-slip plastic
85 51 250 C	10" Click Clamp Pliers	non-slip plastic



### 9K 00 80 12 US 3-Piece Mechanics Tool Set

Component	Description	Handles
38 31 200	8" Long Nose Pliers without Cutter-S Shape	plastic dipped
38 71 200	8" Long Nose 70° Angled Pliers without Cutter	plastic dipped
38 91 200	8" Mechanics Pliers for Spark Plug Boots	plastic dipped



### 9K 00 80 108 US 5-Piece Automotive Starter Set

Component	Description	Handles
26 11 200	8" Long Nose Pliers with Cutter	plastic dipped
71 31 200	8" CoBolt Compact Bolt Cutters	plastic dipped
74 01 250	10" High Leverage Diagonal Cutters	plastic dipped
87 01 250	10" Cobra Water Pump Pliers	non-slip plastic
95 11 200	8" Cable Shears - Twin Cutting Edges	plastic dipped





#### 9K 00 80 136 US 4-Piece Tool Set Automotive

Component	Description	Handles
74 01 250	10" High Leverage Diagonal Cutters	plastic dipped
85 51 250 A	10" Spring Hose Clamp Pliers	non-slip plastic
86 03 250	10" Chrome Pliers Wrench	plastic dipped
87 01 250	10" Cobra Water Pump Pliers	non-slip plastic



9K 00 80 03 US 12-Piece Electrical Vehicle Set - 1000V in Plastic Case

Component	Description	Handles
09 08 240 US	9 1/2" High Leverage Lineman's Pliers	insulated
98 62 01	7 1/8" Flat Nose Pliers	insulated
98 62 02	8 3/4" Long Nose Pliers	insulated
26 18 200 US	8" Long Nose Pliers with cutter	insulated
26 28 200 US	8" Long Nose 40° Angled Pliers with cutter	insulated
78 06 125	5" Electronics Super Knips®	insulated
98 20 40	8" Slotted Screwdriver, 5/32" tip	insulated
98 24 02	8" Phillips Screwdriver, P2	insulated
92 27 62	6" Stainless Steel Gripping Tweezers- Pointed Tips	insulated
98 66 10	3 "Self-Clamping Plastic Slip-On Cap	_
98 66 20	3 7/8" Self-Clamping Plastic Slip-On Cap	_
98 66 30	4 1/4" Self-Clamping Plastic Slip-On Cap	_



### 9K 00 80 17 US 2-Piece Snap Ring Pliers Set - Straight

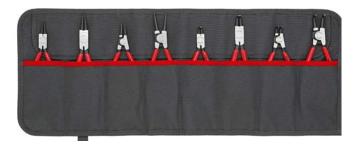
Component	Description	Handles
44 11 J1	5 1/2" Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A1	5 1/2" External Snap Ring Pliers - Forged Tips	plastic dipped



### 9K 00 80 18 US 2-Piece Snap Ring Pliers Set - Straight

Component	Description	Handles
44 11 J2	7 1/4" Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A2	7 1/4" External Snap Ring Pliers - Forged Tips	plastic dipped





00 19 58 V01 8-Piece Snap Ring Pliers Set in Tool Roll - Straight and Angled

Component	Description	Handles
44 11 J1	5 1/2" Straight Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 11 J2	7 1/4" Straight Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 21 J11	5 1/8" 90° Angled Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 21 J21	6 3/4" 90° Angled Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A1	5 1/2" Straight External Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A2	7 1/4" Straight External Snap Ring Pliers - Forged Tips	plastic dipped
46 21 A11	5" 90° Angled External Snap Ring Pliers - Forged Tips	plastic dipped
46 21 A21	6 3/4" 90° Angled External Snap Ring Pliers - Forged Tips	plastic dipped



00 19 56 4-Piece Snap Ring Pliers Set in Tool Roll - Straight and Angled

Component	Description	Handles
44 11 J2	7 1/4" Straight Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 21 J21	6 3/4" 90° Angled Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A2	7 1/4" Straight External Snap Ring Pliers - Forged Tips	plastic dipped
46 21 A21	6 3/4" 90° Angled External Snap Ring Pliers - Forged Tips	plastic dipped
00 19 56 LE	4 Pocket Roll-Up Tool Roll	—



00 20 03 SB 4-Piece Precision Snap Ring Pliers Set - Straight

Component	Description	Handles
48 11 J1	5 1/2" Internal Precision Snap Ring Pliers	non-slip plastic
48 11 J2	7 1/4" Internal Precision Snap Ring Pliers	non-slip plastic
49 11 A1	5 1/2" External Precision Snap Ring Pliers	non-slip plastic
49 11 A2	7 1/4" External Precision Snap Ring Pliers	non-slip plastic



00 19 58 V02 8-Piece Precision Snap Ring Pliers Set in Tool Roll - Straight and Angled

Component	Description	Handles
48 11 J1	5 1/2" Straight Internal Precision Snap Ring Pliers	non-slip plastic
48 11 J2	7 1/4" Straight Internal Precision Snap Ring Pliers	non-slip plastic
48 21 J11	5 1/8" 90° Angled Internal Precision Snap Ring Pliers	non-slip plastic
48 21 J21	6 1/2" 90° Angled Internal Precision Snap Ring Pliers	non-slip plastic
49 11 A1	5 1/2" Straight External Precision Snap Ring Pliers	non-slip plastic
49 11 A2	7 1/4" Straight External Precision Snap Ring Pliers	non-slip plastic
49 21 A11	5 1/8" 90° Angled External Precision Snap Ring Pliers	non-slip plastic
49 21 A21	6 1/2" 90° Angled External Precision Snap Ring Pliers	non-slip plastic





### 9K 00 19 51 US 4-Piece Snap Ring Set In Tool Roll - Straight

Component	Description	Handles
44 11 J1	5 1/2" Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 11 J2	7 1/4" Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A1	5 1/2" External Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A2	7 1/4" External Snap Ring Pliers - Forged Tips	plastic dipped
00 19 56 LE	4 Pocket Roll-Up Tool Roll	



### 9K 00 19 53 US 4-Piece Straight Snap Ring Set in Tool Roll - Straight

Component	Description	Handles
44 11 J0	5 1/2" Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 11 J2	7 1/4" Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A0	5 1/2" External Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A2	7 1/4" External Snap Ring Pliers - Forged Tips	plastic dipped
00 19 56 LE	4 Pocket Roll-Up Tool Roll	—



9K 00 19 02 US 4-Piece External Snap Ring Set - 45° Angled
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Component	Description	Handles
46 31 A02	5 1/2" 45° Angled Snap Ring Pliers - Forged Tips	plastic dipped
46 31 A12	5 1/2" 45° Angled Snap Ring Pliers - Forged Tips	plastic dipped
46 31 A22	7 1/4" 45° Angled Snap Ring Pliers - Forged Tips	plastic dipped
46 31 A32	8 1/4" 45° Angled Snap Ring Pliers - Forged Tips	plastic dipped



9K 00 19 52 US 4-Piece	Snan Ring Set In Tool Roll	- Straight and 90° Angled
	Shup King Set in 1001 Kon	Straight and So Anglea

Component	Description	Handles
44 11 J1	5 1/2" Straight Internal Snap Ring Pliers - Forged Tips	plastic dipped
44 21 J11	5 1/8" 90° Angled Internal Snap Ring Pliers - Forged Tips	plastic dipped
46 11 A1	5 1/2" Straight External Snap Ring Pliers - Forged Tips	plastic dipped
46 21 A11	5 1/4" 90° Angled External Snap Ring Pliers - Forged Tips	plastic dipped
00 19 56 LE	4 Pocket Roll-Up Tool Roll	_





#### 00 20 01 V02

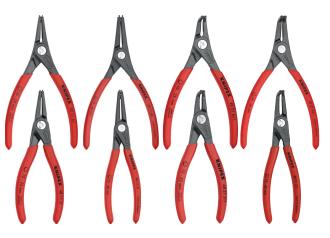
6-Piece Precision Snap Ring Pliers Set in Foam Tray - Straight and Angled

Component	Description	Handles
48 11 J1	5 1/2" Straight Internal Precision Snap Ring Pliers	non-slip plastic
48 11 J2	7 1/4" Striaght nternal Precision Snap Ring Pliers	non-slip plastic
48 21 J21	6 1/2" 90° Internal Precision Snap Ring Pliers	non-slip plastic
49 11 A1	5 1/2" Straight External Precision Snap Ring Pliers	non-slip plastic
49 11 A2	7 1/4" Straight External Precision Snap Ring Pliers	non-slip plastic
49 21 A21	6 3/4" 90° External Precision Snap Ring Pliers	non-slip plastic



### 00 19 57 4-Piece Precision Snap Ring Pliers Set in Tool Roll - Straight

Component	Description	Handles
48 11 J1	5 1/2" Internal Precision Snap Ring Pliers	non-slip plastic
48 11 J2	7 1/4" Internal Precision Snap Ring Pliers	non-slip plastic
49 11 A1	5 1/2" External Precision Snap Ring Pliers	non-slip plastic
49 11 A2	7 1/4" External Precision Snap Ring Pliers	non-slip plastic



#### 00 20 04 SB

8-Piece Precision Snap Ring Pliers Set - Straight and 90° Angled

Component	Description	Handles
48 11 J1	5 1/2" Straight Internal Precision Snap Ring Pliers	non-slip plastic
48 11 J2	7 1/4" Straight Internal Precision Snap Ring Pliers	non-slip plastic
48 21 J11	5 1/8" 90° Internal Precision Snap Ring Pliers	non-slip plastic
48 21 J21	6 1/2" 90° Internal Precision Snap Ring Pliers	non-slip plastic
49 11 A1	5 1/2" Straight External Precision Snap Ring Pliers	non-slip plastic
49 11 A2	7 1/4" Straight External Precision Snap Ring Pliers	non-slip plastic
49 21 A11	5 1/8" 90° External Precision Snap Ring Pliers	non-slip plastic
49 21 A21	6 1/2" 90° External Precision Snap Ring Pliers	non-slip plastic



9K 00 80 20 US 4-Piece Precision Snap Ring Pliers in Tool Roll - 90° Angled

Component	Description	Handles
48 21 J11	5 1/8" 90° Internal Angled Precision Snap Ring Pliers	non-slip plastic
48 21 J21	6 1/2" 90° Internal Angled Precision Snap Ring Pliers	non-slip plastic
49 21 A11	5 1/8" 90° External Angled Precision Snap Ring Pliers	non-slip plastic
49 21 A21	6 1/2" 90° External Angled Precision Snap Ring Pliers	non-slip plastic
00 19 56 LE	4 Pocket Roll-up Tool Roll	—



# Meet KNIPEX

KNIPEX concentrates its efforts on being the best pliers manufacturer in terms of quality, innovation and efficiency and its pliers satisfy the highest expectations in terms of performance, ergonomics and service life.



- > One of the largest manufacturer of professional quality pliers worldwide
- > Over 140 years of experience
- > Company is family owned by fourth generation
- > All manufacturing processes, including forging, design and packaging take place in our German facility
- > Strive for continuous innovation for new and existing products, setting new benchmarks in the industry to make the best pliers
- > Best in class high-quality steel, self-developed processes and machinery, quality testing and skilled personnel

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