

MINI-CATALOG



The KNIPEX brand stands for reliability in every single tool.

If you need a tool to get the job done the first time, every time, make sure to select KNIPEX. In this mini-catalog, you will find the most popular and highly sold tools designed to meet the various needs of professional tool users. With a lifetime warranty for every tool, you can't go wrong in adding a quality tool like KNIPEX to your toolbox.

Cobra® Water Pump Pliers



87 02 180

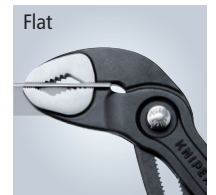


87 01 250

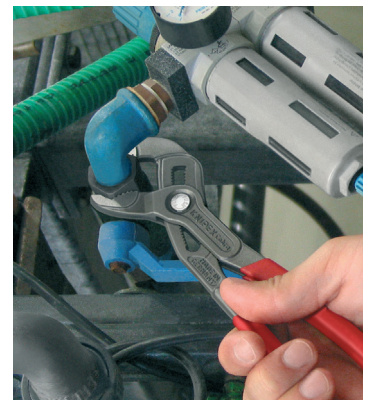
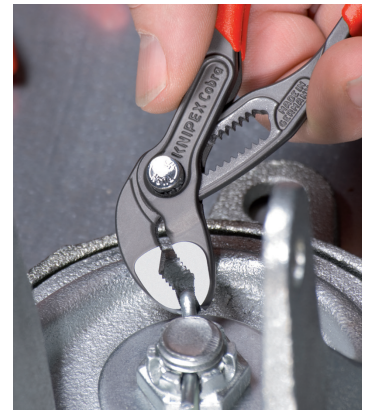


87 01 560

- 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
- self-locking on pipes and nuts means no slipping off the workpiece
- patented push-button mechanism means adjust once and it stays
- fine-adjustment provides an optimum adjustment to different size workpieces
- guard prevents finger and hand pinching
- thin head fits into tight spaces



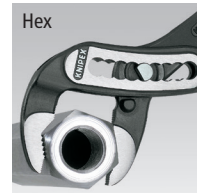
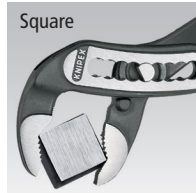
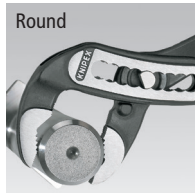
	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	87 01 125	5" Cobra Pliers	1"	13	Plastic Dipped
	87 01 150	6" Cobra Pliers	1 1/4"	11	Plastic Dipped
	87 01 180	7 1/4" Cobra Pliers	1 1/2"	18	Plastic Dipped
	87 02 180	7 1/4" Cobra Pliers	1 1/2"	18	Comfort Grip
	87 01 250	10" Cobra Pliers	2"	25	Plastic Dipped
	87 02 250	10" Cobra Pliers	2"	25	Comfort Grip
	87 21 250	10" Cobra QuickSet Pliers	2"	25	Plastic Dipped
	87 28 250 SBA	10" Cobra Pliers	2"	24	1000V Insulated
	87 01 300	12" Cobra Pliers	2 3/4"	30	Plastic Dipped
	87 02 300	12" Cobra Pliers	2 3/4"	30	Comfort Grip
	87 21 300	12" Cobra QuickSet Pliers	2 3/4"	30	Plastic Dipped
	87 01 400	16" Cobra Pliers	3 3/4"	27	Plastic Dipped
	87 01 560	22" Cobra Pliers	4 3/4"	20	Plastic Dipped



Alligator® Water Pump Pliers



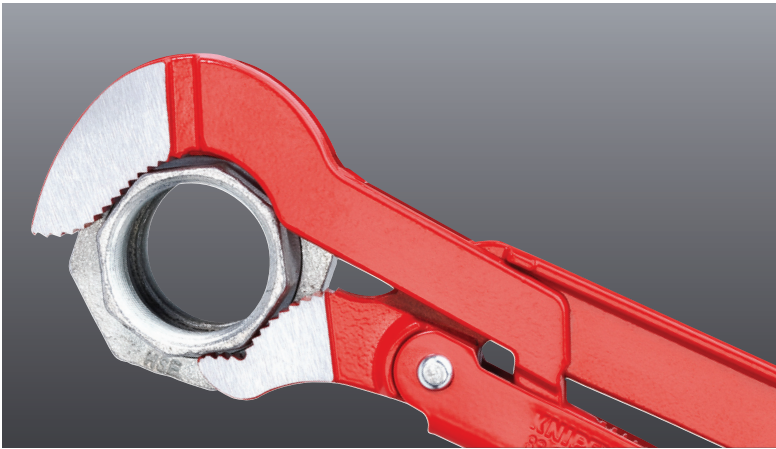
- self-gripping jaw design won't slip
- gripping surface with special hardened teeth (approx. 61 HRC) is wear resistant and grips any shaped object – round, square, hex or flat
- fine-adjustment means an optimum adjustment to different size workpieces
- box-joint design provides directional stability
- guard prevents operator's fingers from being pinched






	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	88 01 180	7 ¼" Alligator Pliers	1 1/2"	9	Plastic Dipped
	88 02 180	7 ¼" Alligator Pliers	1 1/2"	9	Comfort Grip
	88 01 250	10" Alligator Pliers	2"	9	Plastic Dipped
	88 02 250	10" Alligator Pliers	2"	9	Comfort Grip
	88 08 250 SBA	10" Alligator Pliers	2"	9	1000V Insulated
	88 01 300	12" Alligator Pliers	2 3/4"	9	Plastic Dipped
	88 02 300	12" Alligator Pliers	2 3/4"	9	Comfort Grip
	88 01 400	16" Alligator Pliers	3 1/2"	11	Plastic Dipped



Swedish Pipe Wrenches






45° Swedish Pipe Wrenches






	KNIPEX No.	Length	Maximum Capacity
	83 20 010	13"	1 5/8"
	83 20 015	17"	2 3/8"
	83 20 020	22 1/2"	2 3/4"

- three wrench head styles- 45°, 90°, and S-Type. The 45° and 90° head styles permit access into tight and confining work spaces, while the S-Type jaw provides a 3-contact point grip that securely handles round, square, hex and flat workpieces without slipping
- Swedish pattern design is fast and easy to adjust
- I-Beam handle style provides more strength and operating stability than a traditional pipe wrench style
- offset multi-directional jaw teeth provide an excellent grip
- serrated adjusting nut with integrated guard prevents unthreading
- forged from oil-hardened, Chrome Vanadium electric steel for greater strength and longer tool life

90° Swedish Pipe Wrenches

	KNIPEX No.	Length	Maximum Capacity
	83 10 010	12 1/2"	1 5/8"
	83 10 015	17 1/2"	2 3/8"
	83 10 020	22 1/2"	2 3/4"
	83 10 030	25 1/2"	4 3/8"
	83 10 040	29 1/2"	5 1/8"

S-Type Swedish Pipe Wrenches

	KNIPEX No.	Length	Maximum Capacity
	83 30 005	9 1/4"	1 1/2"
	83 30 010	13"	1 5/8"
	83 30 015	17"	2 3/8"
	83 30 020	21 1/4"	2 3/4"
	83 30 030	26 1/4"	4 3/4"



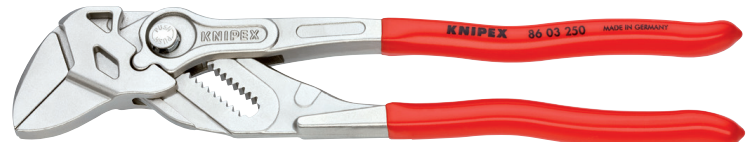
Pliers Wrench



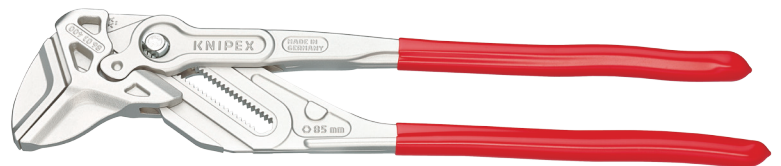
86 03 150



86 05 250



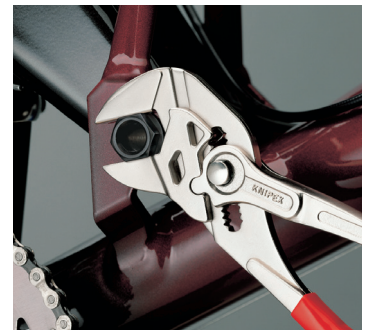
86 03 300



86 03 400

- excellent for gripping, holding, pressing and bending
- zero backlash jaw surface pressure prevents damage to the workpiece
- 10-1 lever transmission ratio
- parallel, smooth jaws will not damage or mar the surface of the workpiece
- push-button adjustment

	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	86 03 125	5" Pliers Wrench	7/8"	11	Plastic Dipped
	86 03 150	6" Pliers Wrench	1"	14	Plastic Dipped
	86 05 150	6" Pliers Wrench	1"	14	Comfort Grip
	86 03 180	7 1/4" Pliers Wrench	1 3/8"	13	Plastic Dipped
	86 05 180	7 1/4" Pliers Wrench	1 3/8"	13	Comfort Grip
	86 03 250	10" Pliers Wrench	1 3/4"	17	Plastic Dipped
	86 05 250	10" Pliers Wrench	1 3/4"	17	Comfort Grip
	86 07 250	10" Pliers Wrench	1 3/4"	17	1000V Insulated
	86 03 300	12" Pliers Wrench	2 3/8"	22	Plastic Dipped
	86 03 400	16" Pliers Wrench	3 3/8"	25	Plastic Dipped



High Leverage Combination and Lineman's Pliers



02 01 180



09 12 240

High Leverage Combination Pliers

	KNIPEX No.	Length	Cutting Capacities			Handle Style
			⊙ inch	○ inch	⊕ inch	
	02 01 180	7 1/4"	3/32	5/64	29/64	Plastic Dipped
	02 02 180	7 1/4"	3/32	5/64	29/64	Comfort Grip
	02 01 200	8"	7/64	3/32	1/2	Plastic Dipped
	02 02 200	8"	7/64	3/32	1/2	Comfort Grip
	02 08 200 SBA	8"	7/64	3/32	1/2	1000V Insulated
	02 01 225	9"	1/8	3/32	35/64	Plastic Dipped
	02 02 225	9"	1/8	3/32	35/64	Comfort Grip
	02 08 225 SBA	9"	1/8	3/32	35/64	1000V Insulated

High Leverage Combination and Lineman's Pliers



- lineman's pliers now cut 25% easier!
- knurled jaws and pipe grip for a tremendous hold
- perfect head size for rounding out conduit
- firm joint, heat-treated rivet for smooth operation right out of the package and long life
- long cutting edges (hardness approx. 63 HRC) for soft, hard, piano and ACSR wire
- 09 11 and 09 12 Lineman's series come with a universal terminal crimper and a fish tape puller on the backside

Lineman's Pliers

	KNIPEX No.	Length	Cutting Capacity		Handle Style
			⊙ inch	○ inch	
	09 01 240	9 1/2"	3/16	1/8	Plastic Dipped
	09 02 240	9 1/2"	3/16	1/8	Comfort Grip
	09 08 240 SBA	9 1/2"	3/16	1/8	1000V Insulated

Lineman's Pliers w/Crimper & Fish Tape Puller

	KNIPEX No.	Length	Cutting Capacity		Handle Style
			⊙ inch	○ inch	
	09 11 240	9 1/2"	3/16	1/8	Plastic Dipped
	09 12 240	9 1/2"	3/16	1/8	Comfort Grip



Specialty Pliers



87 41 250

Specialty Cobra

- Raptor Pliers (87 41 250) has a unique jaw shape excellent for gripping objects in tight or confining spaces and is great for use on rusty or rounded-off nuts and bolts
- Cobra ES Pliers (87 51 250) has long, slim and narrow jaws, grips flat workpieces and is ideal for service and maintenance
- Cobra Auto Adjust Pliers (85 01 250 US) automatically adjusts to workpieces and is ideal for frequent changeovers of different sized and shaped materials






81 11 250



Pipe and Connector Pliers

- ideal tool for cannon plugs in aviation and electrical connections in high performance automotive, truck and trailer applications
- the replaceable soft jaws prevent metal from being transferred onto the workpiece which prevents corrosion
- push-button adjustment and non-slip grip handles with pinch guard


Specialty Cobra

	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	87 41 250	10" Raptor Pliers	3/8" - 1 1/4"	15	Plastic Dipped
	87 51 250	10" Cobra ES Pliers	1 3/8"	19	Plastic Dipped
	85 01 250 US	10" Cobra Auto Adjust	1 3/8"	Auto Adjust	Plastic Dipped

Pipe and Connector Pliers

	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	81 01 250	10" Pipe & Connector Pliers	3"	25	Plastic Dipped
	81 11 250	10" Pipe & Connector Pliers w/ Soft Jaws	3"	25	Plastic Dipped

Hog Ring Pliers

	KNIPEX No.	Description	Handle Style
	91 92 180	7 1/4" Hog Ring Pliers	Comfort Grip



91 92 180

Hog Ring Pliers

- for the professional replacement of automotive upholstery to the seat frame, compatible with all popular upholstery rings or hog rings
- recessed grooves located in the jaws securely hold the hog rings in the proper position before they are crimped
- closing spring holds the pliers closed which allows for the ring to be securely positioned before being compressed

Clamp Pliers



85 51 250 A

Hose Clamp Pliers

- rotatable tips for reliably gripping hose clamps in all positions
- clamps can be opened and moved easily without much effort
- slim head design; narrow head fits into confined spaces
- 85 51 250 AF comes with lock to hold house clamps open without holding onto the pliers



85 51 250 C

Click Clamp Pliers

- rotatable tips for reliably gripping click clamps in all positions
- clamps can be opened and closed easily without great effort
- serrated gripping jaws for easy loosening of tight hoses





10 99 i220

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, compressors
- 10 99 i220 has an additional side jaw for easy clamping at a 90-degree angle when space is limited

Hose Clamp Pliers

	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	85 51 250 A	10" Hose Clamp Pliers	2 3/4"	25	Plastic Dipped
	85 51 250 AF	10" Hose Clamp Pliers w/ Lock	2 3/4"	19	Plastic Dipped

Click Clamp Pliers

	KNIPEX No.	Description	Maximum Capacity	Adjustment Positions	Handle Style
	85 51 250 C	10" Click Clamp Pliers	2 3/4"	25	Plastic Dipped



Ear Clamp Pliers

	KNIPEX No.	Description	Handle Style
	10 98 i220	8 3/4" Ear Clamp Pliers	Plastic Dipped
	10 99 i220	8 3/4" Dual Jaw Ear Clamp Pliers	Plastic Dipped





High Leverage Diagonal Cutters

X-Cut Diagonal Cutters

	KNIPEX No.	Length	Cutting Capacities					Handle Style
			Ø inch	Ø inch	Ø inch	Ø inch	Ø inch	
	73 02 160	6 1/4"	3/16	5/32	7/64	3/32	15/32	Comfort Grip
	73 06 160	6 1/4"	3/16	5/32	7/64	3/32	15/32	1000V Insulated







TwinForce Diagonal Cutters

	KNIPEX No.	Length	Cutting Capacities				Handle Style
			Ø inch	Ø inch	Ø inch	Ø inch	
	73 71 180	7 1/4"	7/32	3/16	1/8	1/8	Plastic Dipped
	73 72 180	7 1/4"	7/32	3/16	1/8	1/8	Comfort Grip

High Leverage Diagonal Cutters

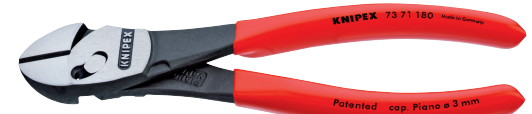
	KNIPEX No.	Length	Cutting Capacities			Handle Style
			Ø inch	Ø inch	Ø inch	
	74 01 140	5 1/2"	1/8	5/64	1/16	Plastic Dipped
	74 01 160	6 1/4"	1/8	3/32	5/64	Plastic Dipped
	74 02 160	6 1/4"	1/8	5/64	1/16	Comfort Grip
	74 01 180	7 1/4"	5/32	7/64	3/32	Plastic Dipped
	74 02 180	7 1/4"	5/32	7/64	3/32	Comfort Grip
	74 01 200	8"	11/64	1/8	3/32	Plastic Dipped
	74 02 200	8"	11/64	1/8	3/32	Comfort Grip
	74 08 200 SBA	8"	11/64	1/8	3/32	1000V Insulated
	74 01 250	10"	3/16	9/64	1/8	Plastic Dipped
	74 02 250	10"	3/16	9/64	1/8	Comfort Grip
	74 08 250	10"	3/16	9/64	1/8	1000V Insulated
	74 91 250	10"	13/64	5/32	9/64	Plastic Dipped

Angled High Leverage Diagonal Cutters

	KNIPEX No.	Length	Cutting Capacities			Handle Style
			Ø inch	Ø inch	Ø inch	
	74 21 160	6 1/4"	1/8	3/32	5/64	Plastic Dipped
	74 21 180	7 1/4"	5/32	7/64	3/32	Plastic Dipped
	74 21 200	8"	11/64	1/8	3/32	Plastic Dipped
	74 22 200	8"	11/64	1/8	3/32	Comfort Grip
	74 21 250	10"	3/16	9/64	1/8	Plastic Dipped
	74 22 250	10"	3/16	9/64	1/8	Comfort Grip



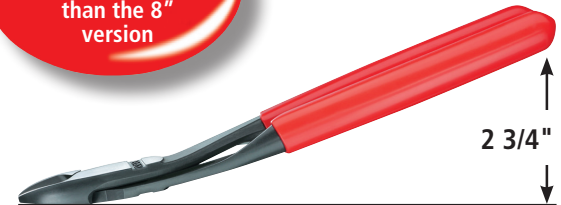
73 02 160



73 71 180



74 08 250 SBA



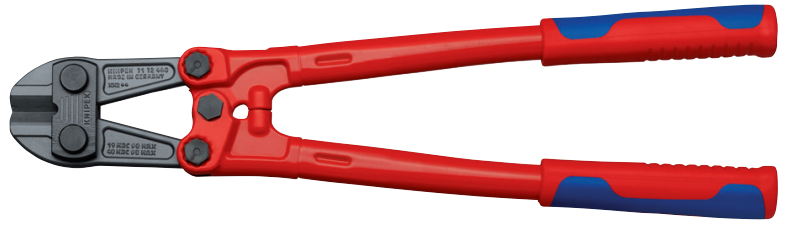
74 21 200

- precision matched, induction hardened cutting edges cut soft, hard and ACSR wire
- heavy-duty, fixed forged axle rivet joint ensures smooth operation
- high cutting performance with minimum effort due to optimum coordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- X-Cut requires 40% less effort compared to diagonal cutters of same length due to box-joint design and off-center pivot point
- TwinForce features a patented dual-hinge design for more powerful cutting, this 7 1/4" tool gives you as much cutting power as a 10" diagonal cutter
- Center Cutter (74 91 250) cuts thicker wire with less effort than similar diagonal cutters of the same length

CoBolt® Compact Bolt Cutters and Large Bolt Cutters



71 01 200



71 72 760

CoBolt Compact Bolt Cutters

	KNIPEX No.	Length	Style	Cutting Capacities				Handle Style
				Ø inch	Ø inch	Ø inch	Ø inch	
	71 01 200	8"	Straight	1/4	13/64	5/32	9/64	Plastic Dipped
	71 02 200	8"	Straight	1/4	13/64	5/32	9/64	Comfort Grip
	71 12 200	8"	Straight w/spring	1/4	13/64	5/32	9/64	Comfort Grip
	71 22 200	8"	20° Angled	1/4	13/64	5/32	9/64	Comfort Grip
	71 31 200	8"	Straight w/notch	1/4	13/64	5/32	9/64	Plastic Dipped
	71 32 200	8"	Straight w/notch	1/4	13/64	5/32	9/64	Comfort Grip
	71 41 200	8"	20° Angled w/notch	1/4	13/64	5/32	9/64	Plastic Dipped
	71 01 250	10"	Straight	-	7/32	5/32	5/32	Plastic Dipped
	71 31 250	10"	Straight w/notch	-	7/32	5/32	5/32	Plastic Dipped

CoBolt® Compact Bolt Cutter

- precision-matched, induction-hardened edges cut hard wire, steel rods, fencing and bolts
- features a notch in the blade for easier cutting
- 20-1 compound joint ratio
- 10" XL CoBolt for powerful cutting of larger cross-sections as well as very hard materials

Large Bolt Cutters

- cutting capacity up to 48 HRC
- the cutting edge angle, transmission ratio and ergonomic handle shape provide a high cutting performance with minimum effort
- a flat head and joint area provide good access to hard-to-reach places
- 12 adjustment positions
- forged-on stopper with shock absorber

Large Bolt Cutters

	KNIPEX No.	Length	HRC 19 Ø inch	Cutting Capacities		Handle Style
				HRC 40 Ø inch	HRC 48 Ø inch	
	71 72 460	18 1/4"	5/16	1/4	13/64	Comfort Grip
	71 72 610	24"	23/64	5/16	9/32	Comfort Grip
	71 72 760	30"	7/16	23/64	5/16	Comfort Grip
	71 72 910	35 3/4"	1/2	25/64	23/64	Comfort Grip



Specialty Cutters



Cable Shears

	KNIPEX No.	Length	Style	Cutting Capacity Ø inch	AWG	Handle Style
	95 11 165	6 1/2"	Single jaw	19/32	1/0	Plastic Dipped
	95 12 165	6 1/2"	Single jaw	19/32	1/0	Comfort Grip
	95 18 165 SBA	6 1/2"	Single jaw	19/32	1/0	1000V Insulated
	95 21 165	6 1/2"	Single jaw w/opening spring	19/32	1/0	Plastic Dipped
	95 22 165	6 1/2"	Single jaw w/opening spring	19/32	1/0	Comfort Grip
	95 11 200	8"	Double jaw	51/64	2/0	Plastic Dipped
	95 12 200	8"	Double jaw	51/64	2/0	Comfort Grip
	95 18 200 SBA	8"	Double jaw	51/64	2/0	1000V Insulated
	95 32 038*	22"	Ratcheting-action	1 1/2	N/A	Comfort Grip

*95 32 038 max cutting capacity 550 MCM for copper and aluminum cables

Ratcheting-Action Cable Cutters

	KNIPEX No.	Length	Cutting Capacity Ø inch	MCM	Handle Style
	95 31 250	10"	1 1/4	500	Comfort Grip
	95 36 250	10"	1 1/4	500	1000V Insulated
	95 31 280	11"	2	750	Comfort Grip
	95 36 280	11"	2	750	1000V Insulated
	95 32 320	12 1/2"	2 23/64	1200	Comfort Grip
	95 36 320	12 1/2"	2 23/64	1200	1000V Insulated
	95 32 060	24 3/4"	2 23/64	1400	Comfort Grip
	95 32 100	26"	3 15/16	1900	Comfort Grip

○ soft wire ● medium hard wire ● hard wire ● piano wire ⊕ Cu + Al multi-conductor cable, solid and multi-stranded ⊗ wire rope



95 11 165



95 12 200

Cable Shears

- for cutting copper and aluminum cables and single and multiple wire
- precision ground, hardened blades
- creates a clean and smooth cut without crushing or deforming the workpiece
- with guard



95 61 190

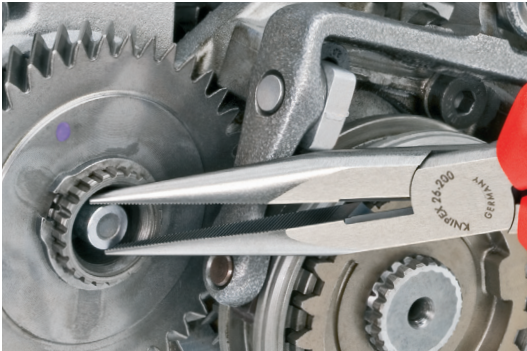
Wire Rope Cutter

- induction-hardened cutting edges cut stranded steel or aluminum cable up to 1/4"
- special blade geometry prevents the wire rope from fanning out
- includes a crimper for end ferrules
- features an opening spring and locking lever

Wire Rope Cutters

	KNIPEX No.	Length	Cutting Capacity Ø inch	Handle Style
	95 61 150	6"	1/8	Plastic Dipped
	95 61 190	7 1/2"	1/4	Plastic Dipped
	95 62 190	7 1/2"	1/4	Comfort Grip

Long Nose Pliers and Needle-Nose Pliers



26 11 200



28 71 280



08 21 145

Long Nose Pliers with Cutter

	KNIPEX No.	Length	Cutting Capacities		Handle Style
			Ø inch	Ø inch	
	26 11 200	8"	1/8	3/32	Plastic Dipped
	26 12 200	8"	1/8	3/32	Comfort Grip

Long Nose Pliers with Cutter and Stripping Hole

	KNIPEX No.	Length	Stripping capacities	Cutting Capacities		Handle Style
				Ø inch	Ø inch	
	26 11 200 S1	8"	12 AWG	1/8	3/32	Plastic Dipped

Angled Long Nose Pliers

	KNIPEX No.	Length	Cutting Capacities		Handle Style
			Ø inch	Ø inch	
	26 21 200	8"	1/8	3/32	Plastic Dipped
	26 22 200	8"	1/8	3/32	Comfort Grip

Extra Long Needle-Nose Pliers

	KNIPEX No.	Description	Style	Maximum Capacity	Handle Style
	28 71 280	11" XL Needle Nose Pliers	Straight	2 1/4"	Plastic Dipped
	28 81 280	11" XL Needle Nose Pliers	45° Angled	2 1/4"	Plastic Dipped
2 Piece Set	9K 00 80 128 US	2 Pc. XL Needle Nose Set Includes 28 71 280 and 28 81 280			Plastic Dipped

Needle-Nose Combination Pliers

	KNIPEX No.	Description	Cutting Capacities			Handle Style
			Ø inch	Ø inch	Ø inch	
	08 21 145	6" Needle-Nose Combo Pliers	1/8	5/64	5/16	Plastic Dipped
	08 22 145	6" Needle-Nose Combo Pliers	1/8	5/64	5/16	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

Extra Long Needle-Nose Pliers

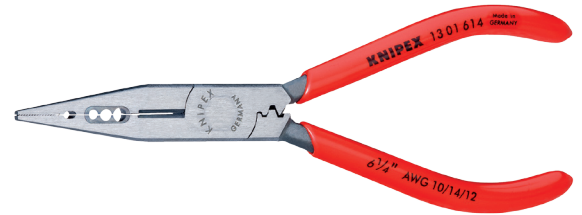
- for gripping, adjustment and assembly work in hard to reach areas due to the slim, extra-long design
- serrated gripping area for holding on to round parts or pipes
- ideal for work in the automotive industry
- available with straight or 45° angled jaws

Needle-Nose Combination Pliers

- special hardened cutting edges and high leverage joint
- pulling groove in the gripping area and versatile pipe gripping zone
- secure 3-point gripping of flat workpieces and stable, flexible tips

● medium hard wire ● hard wire ⊕ Cu + Al multi-conductor cable, solid and multi-stranded

4-in-1 Electrician's Pliers and Electrical Installation Pliers



4-in-1 Electrician's Pliers

13 01 614

- for gripping, bending, cutting and crimping
- for cutting soft, medium and hard wire
- with precision stripping holes



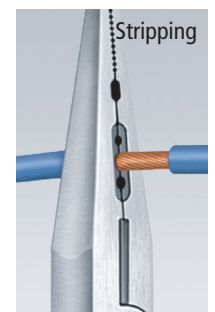
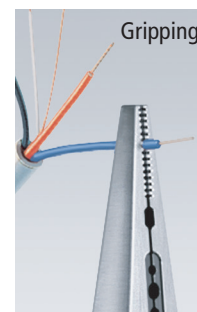
13 82 8

Electrical Installation Pliers

- 6 functions in one pair of pliers: cutting, stripping, crimping, gripping, bending and deburring
- slim long nose design for easy access into tight places
- bolted joint for precision smooth action

4-in-1 Electrician's Pliers

	KNIPEX No.	Length	Stripping capacities	Cutting Capacities		Handle Style
				Ø inch	Ø inch	
	13 01 160	6 1/4"	0.5 - 0.75 / 1.5 / 2.5 mm ²	3/32	1/16	Plastic Dipped
	13 02 160	6 1/4"	0.5 - 0.75 / 1.5 / 2.5 mm ²	3/32	1/16	Comfort Grip
	13 01 614	6 1/4"	10 / 12 / 14 AWG	3/32	1/16	Plastic Dipped



Electrical Installation Pliers

	KNIPEX No.	Length	Stripping Capacity (AWG)	Cutting Capacities		Crimping (AWG)	Handle Style
				Stranded	Solid		
	13 81 8	8"	12 and 14	9/16"	5/32"	12-20	Plastic Dipped
	13 82 8	8"	12 and 14	9/16"	5/32"	12-20	Comfort Grip
	13 88 8	8"	12 and 14	9/16"	5/32"	12-20	1000V Insulated



Gripping Pliers



- heavy-duty pliers with adjustment screw and release lever
- high clamping pressure due to toggle action lever for a more secure grip
- unique bottom jaw pivots automatically to adjust to whatever you are gripping (40 14 250)
- non-serrated gripping area for pinching off hoses (41 44 200)
- pivoting jaws adjust gently on surfaces or workpieces (42 44 280)

	KNIPEX No.	Description	Gripping Capacities		
			○ Ø inch	□ Ø inch	⬡ Ø inch
	40 14 250	10" Universal Grip Pliers	1 11/16	1 5/8	1 25/32
	41 44 200	8" Long Nose Grip Pliers	13/16	13/16	1 3/16
	42 44 280	11" Welding Grip Pliers	-	3 17/32	-



Precision Snap Ring Pliers



Internal Precision Snap Ring Pliers

	KNIPEX No.	Length	Style	Size of Bore Ø Inch
	48 11 J0	5 3/4"	Straight	5/16 - 33/64
	48 11 J1	5 3/4"	Straight	15/32 - 63/64
	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 3/4"	Straight	3 23/64 - 5 33/64
	48 21 J01	5 1/4"	90° Angled	5/16 - 33/64
	48 21 J11	5 1/4"	90° Angled	15/32 - 63/64
	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 23/64 - 5 33/64



48 11 J0

Internal Tips

- 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



External Precision Snap Ring Pliers

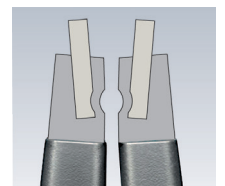
	KNIPEX No.	Length	Style	Size of Bore Ø Inch
	49 01 A0	5 3/4"	Straight	1/8 - 25/64
	49 11 A1	5 3/4"	Straight	25/64 - 63/64
	49 11 A2	7 1/4"	Straight	3/4 - 2 23/64
	49 11 A3	9"	Straight	1 37/64 - 3 15/16
	49 11 A4	12 3/4"	Straight	3 22/64 - 5 33/64
	49 21 A01	5 1/4"	90° Angled	1/8 - 25/64
	49 21 A11	5 1/4"	90° Angled	25/64 - 63/64
	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 22/64 - 5 33/64
	49 31 A0	5 3/4"	Straight w/ opening limiter	1/8 - 25/64
	49 41 A01	5 1/8"	90° w/ opening limiter	1/8 - 25/64



49 21 A01

External Tips

- up to 10x longer service life compared to turned tips
- for fitting snap rings on shafts
- form-fitting inserted and pressed-in tips made of high density spring steel
- available with straight or 90° angled tips



Popular Sets



00 20 07 US1
3 Piece Alligator Pliers Set



00 20 06 US1
3 Piece Cobra Pliers Set



00 20 06 US2
3 Piece Pliers Wrench Set



9K 98 98 22 US
5 Piece Pliers/Screwdriver Tool Set



00 20 05 US
3 Piece High Leverage Diagonal Cutter Set



00 20 08 US1
3 Piece Universal Set w/ Alligator



00 20 08 US2
3 Piece Universal Set w/ Cobra



9K 98 98 26 US
7 Piece Pliers/Screwdriver Tool Set

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