

# Pliers Knipex

## Knipex pliers

A full range of pliers with optimised force distribution, ergonomic design, top quality steel with the right heat treatment, precisely designed and shaped grip points, reliable quality.



### Knipex High Leverage Combination Plier 02 02 180

35 % less effort required than with conventional combination pliers. With cutting edges (hardness approx. 63 HRC) for heavy duty. Easier work due to optimised leverage. Easier cutting, powerful gripping, bending and pulling. Long cutting edges for thicker cables. With gripping zones for flat and round material, suitable for versatile use. Precise, minimal light gap between the gripping jaws to ensure optimal function of the cutting edges. Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC. High-grade special tool steel, forged, multi stage oil-hardened. Multi-component grips. Black atramentized and polished head. DIN ISO 5746.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. copper multi stranded	Cutting cap. copper multi stranded	IMPA
310098	02 02 180	180	Ø 2.5 mm	Ø 2.0 mm	Ø 11.5 mm	16.0 mm <sup>2</sup>	-



### Knipex High Leverage Combination Plier 02 05 series

35 % less effort required than with conventional combination pliers. With cutting edges (hardness approx. 63 HRC) for heavy duty. Easier work due to optimised leverage. Easier cutting, powerful gripping, bending and pulling. Long cutting edges for thicker cables. With gripping zones for flat and round material, suitable for versatile use. Precise, minimal light gap between the gripping jaws to ensure optimal function of the cutting edges. Cutting edges additionally induction-hardened, cutting edge hardness approx. 63 HRC. High-grade special tool steel, forged, multi stage oil-hardened. Multi-component grips. Chrome-plated head. DIN ISO 5746.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. copper multi stranded	Cutting cap. copper multi stranded	IMPA
310102	02 05 180	180	Ø 2.5 mm	Ø 2.0 mm	Ø 11.5 mm	16.0 mm <sup>2</sup>	-
310103	02 05 200	200	Ø 2.5 mm	Ø 2.0 mm	Ø 13.0 mm	25.0 mm <sup>2</sup>	-



### Knipex Combination Plier 03 05 180

With gripping zones for flat and round material, suitable for versatile use. With cutting edges for soft and hard wire. Long cutting edges for thicker cables. Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC. Special tool steel, forged, multi stage oil-hardened. Multi-component grips. Chrome-plated head. DIN ISO 5746.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. medium wire	Cutting cap. copper multi stranded	Cutting cap. copper multi stranded	IMPA
310104	03 05 180	180	Ø 2.2 mm	Ø 3.4 mm	Ø 12.0 mm	16.0 mm <sup>2</sup>	-



### Knipex Combination Plier 03 02 160

With gripping zones for flat and round material, suitable for versatile use. With cutting edges for soft and hard wire. Long cutting edges for thicker cables. Cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC. Special tool steel, forged, multi stage oil-hardened. Multi-component grips. Black atramentized and polished head. DIN ISO 5746.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. medium wire	Cutting cap. copper multi stranded	Cutting cap. copper multi stranded	IMPA
310106	03 02 160	160	Ø 2.0 mm	Ø 3.1 mm	Ø 10.0 mm	16.0 mm <sup>2</sup>	-



### Knipex Insulation Stripper 11 01 160

For single, multiple and fine stranded conductors with plastic or rubber insulation up to Ø 5.0 mm or 10 mm<sup>2</sup>. Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut. With opening spring. Special tool steel, forged, oil-hardened. Plastic coated handles. Black atramentized and polished head.

Article No.	Type	L in mm	Capacity	Capacity	AWG	IMPA
310118	11 01 160	160	Ø 5.0 mm	10.0 mm <sup>2</sup>	8	61 17 41



### Knipex Insulation Stripper 11 05 160

For single, multiple and fine stranded conductors with plastic or rubber insulation up to Ø 5.0 mm or 10 mm<sup>2</sup>. Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut. With opening spring. Special tool steel, forged, oil-hardened. Multi-component grips. Chrome-plated head.

Article No.	Type	L in mm	Capacity	Capacity	AWG	IMPA
310120	11 05 160	160	Ø 5.0 mm	10.0 mm <sup>2</sup>	8	61 17 41



### Knipex Insulation Stripper 12 21 180 with adapted blades

With replaceable blades for 4 (adapted to diameters) or 6 (adapted to cross-sections) different conductor cross-sections. Leave wire undamaged thanks to precision-ground blade shapes, even multi-stranded conductors are stripped gently. During stripping, the wire is held firmly by clamping jaws. With length stop for constant stripping length during repetitive work. A spring leads the stripper back to the starting position. Blade: special tool steel, oil-hardened. Pliers body: aluminium. With plastic grips. Pliers black lacquered. **Spare blades RMN Article No. 310126 (12 29 180).**

Article No.	Type	L in mm	Capacity mm <sup>2</sup>	AWG	IMPA
310125	12 21 180	180	0.5-0.75 / 1.0 / 1.5 / 2.5 / 4.0 / 6.0	20-18/16/14/12/10	-



### Knipex Self-Adjusting Insulation Stripper 12 40 200

For thin ribbon cables up to 10.0 mm width in a single pass. For single, multiple and fine stranded conductors with plastic or rubber insulation. Adapts automatically to the respective cable cross-section; prevents damage to the conductor. Cutting depth can be adjusted for different insulation materials. With wire cutter for copper and aluminium wires, multiple stranded up to 10 mm<sup>2</sup> and single stranded up to 6 mm<sup>2</sup>. Smoothly operating mechanism. Stripping blades and clamping jaws easily replaceable. Low weight. Body: glass fibre reinforced plastic. Blade: special tool steel, oil-hardened. Spares available, **Spare blade set RMN No. 310127B (12 49 01), Spare clamping jaws RMN No. 310127C (12 49 02), Spare length stop RMN No. 310127D (12 49 03).**

Article No.	Type	L in mm	Capacity mm <sup>2</sup>	AWG	Length stop	IMPA
310127	12 40 200	200	0.3 - 10.0 mm <sup>2</sup>	32-8	3-18 mm	-



## Pliers Knipex

### Knipex Automatic Insulation Stripper 12 62 180

Strips cables with standard materials without any need for manual adjustment. Fine adjustable zero correction of the blade setting to special material requirements, e.g. due to large temperature differences. Compact, handy and light-weight tool for common cable cross-sections and insulating materials. For single, multiple and fine stranded cables of 0.2 up to 6 mm<sup>2</sup> with standard insulation. Narrow head style for use in confined areas. With wire cutter for copper and aluminium wires up to 2.5 mm<sup>2</sup>. With adjustable length stop from 6.0 - 18.0 mm for constant stripping lengths. Body: glass fibre reinforced plastic. Blades: special tool steel, oil-hardened, interchangeable.

Spare parts available, **Set spare blades RMN No. 310128B (12 69 21)**, **Spare length stop RMN No. 310128C**

Article No.	Type	L in mm	Capacity mm <sup>2</sup>	AWG	Length stop	IMPA
310128	12 62 180	180	0.2 - 6.0 mm <sup>2</sup>	24-10	6-18 mm	-

### Knipex Automatic Stripping Pliers 12 74 180 SB

For control and sensor cables / actuator cables, also for stripping flexible feeding and extension cables. Automatic adjustment to cables between Ø 4.4 mm and Ø 7.5 mm. No damage to the inner conductor or shield braid. For oil-resistant, halogen-free control and sensor / actuator cables with multicore cable design. Suitable for highly flexible TPE-U-pipes, PUR and PVC cable sheathing, rubber leads such as H05 etc. Long stripping lengths possible. Body: glass fibre reinforced plastic. Blade: special tool steel, oil-hardened.

Article No.	Type	L in mm	Capacity diameter	AWG	Length stop	IMPA
310131	12 74 180	180	Ø 4.4 — 7.5 mm	NA	NA	-

### Knipex Multistrip 10 Automatic Insulation Stripper 12 42 195

Stripping without re-adjustment from 0.03 to 10.0 mm<sup>2</sup>. Recessed wire cutter. Universal blade geometry – robust and more durable. Ideal grip design with excellent haptics. Fully automatic adjustment to fine-stranded conductors with standard insulation throughout the entire capacity range from 0.03 to 10.0 mm<sup>2</sup>. With recessed wire cutter for Cu and Al conductors, stranded up to 10 mm<sup>2</sup> and single wire up to 6 mm<sup>2</sup>. No damage to the conductors. The clamping jaws made of steel hold the cable in a way that prevents slipping without damaging the remaining insulation. Particularly smooth-running mechanics and very low weight. Replaceable blades block and length stop. Handle with soft-plastic zone for a steady grip. Body: glass fibre reinforced plastic. Blade: special tool steel, oil-hardened.

Spare parts available, **Spare Blade block RMN No. 311132B (12 49 21)**, **Spare Torsion spring RMN No. 311132C (12 49 04)**, **Spare Coil spring in the head RMN No. 311132D (12 49 05)**, **Spare Length stop RMN No. 311132E (12 49 23)**.

Article No.	Type	L in mm	Capacity diameter	AWG	Length stop	IMPA
311132	12 42 195	195	0.3 - 10.0 mm <sup>2</sup>	32 - 8	NA	-

### Knipex Automatic Insulation Stripper for flat cable 12 64 180

For PVC insulated flat cables up to a max. 12 mm width and 0.75 to 2.5 mm<sup>2</sup>. Adapts automatically to various conductor heights; prevents damage to the conductor. Long stripping lengths possible. Blade replaceable. Smoothly operating mechanism. Low weight. Body: glass fibre reinforced plastic. Blade: special tool steel, oil-hardened.

Article No.	Type	L in mm	Capacity in square millimeters	AWG	Length stop	IMPA
310133	12 64 180	180	0.75 - 2.5 mm <sup>2</sup>	18-14	NA	-

### Knipex Precision Insulation Stripper with adapted blades 12 12 11

For **solar cables**, specially adapted to multi-layered and RADOX® insulations. With additional cable support for a better centring of multi-layer insulated conductors in the stripping profiles. Form-fit stripping of difficult-to-remove insulating materials made of PTFE, silicone, Radox®, Kapton® and rubber; multi-layer too. A second pair of blades holds the remaining insulation reliably in place. Replaceable shaped blade adapted precisely to the respective conductor cross-section. With length stop for constant stripping length during repetitive work. Blade: special tool steel, oil-hardened. Pliers body: steel. With multi-component grips. Spare parts available, **Set of spare blades RMN No. 310141 (12 19 11)**, **Length stop RMN No. 310140B (12 19 90)**, **Set of springs RMN No. 310140C (12 19 91)**.

Article No.	Type	L in mm	Capacity in square millimeters	AWG	Length stop	IMPA
310140	12 12 11	195	1.5 / 2.5 / 4.0 / 6.0 mm <sup>2</sup>	16-10	NA	-

### Knipex Electronics Wire Stripper 12 92 140

For single, multiple and fine stranded cables having a diameter from 0.1 up to 0.8 mm, with plastic or rubber insulation. Easy adjustment to the required diameter of solid or stranded wire with knurled screw and lock nut. With opening spring. The mirror polish together with a fine film of oil offer effective rust protection - no circuit faults caused by peeling chrome from plated tools. Special tool steel, forged, oil-hardened. With multi-component grips.

Article No.	Type	L in mm	Capacity in square millimeters	AWG	Length stop	IMPA
310136	12 92 140	140	0.1 - 0.8 mm <sup>2</sup>	NA	NA	-

### Knipex Insulation Strippers 15 51 160 / 15 61 160 / 15 81 160

For stripping thin cables. Accurate boring to match diameter of wire, precise stripping prism; non-adjustable. With opening spring. Chrome vanadium electric steel, forged, oil-hardened. Polished head and plastic coated handles.

Article No.	Type	L in mm	Stripping capacities	IMPA
310137	15 51 160	160	Ø 0.5 mm	-
310138	15 61 160	160	Ø 0.6 mm	-
310139	15 81 160	160	Ø 0.8 mm	-



### Knipex Electricians Pliers 13 01 160

The ideal pliers for cable work. For gripping and bending wire. For cutting medium hard and hard wire. Precision cutting edges additionally induction-hardened, cutting edge hardness approx. 60 HRC. With precision stripping holes. For crimping wire ferrules. Vanadium electric steel, forged, multi stage oil-hardened. Plastic coated handles. Plier black atramentized with polished head.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. medium wire	Stripping capacities	IMPA
310143	13 01 160	160	Ø 1.6 mm	Ø 2.5 mm	0.5-0.75 / 1.5 / 2.5 mm <sup>2</sup>	-



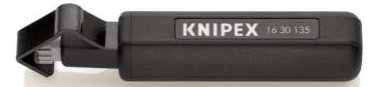
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## Knipex Dismantling Tool for spiral cutting 16 30 135 SB

For stripping round cable sheaths made of PVC, rubber, silicone or PTFE. Self-tightening holding lever. With knurled nut for cutting depth adjustment. Changing from circular to longitudinal cutting by turning the tool body. Spiral cutting for removing intermediate pieces. Replaceable blade. Housing: plastic, impact-proof.

**Spare Cutting blade RMN No. 310130 (16 39 135).**

Article No.	Type	L in mm	Stripping capacities diameter	AWG	Length stop	IMPA
310129	16 30 135	135	Ø 6.0 — 29.0 mm	NA	NA	-



## Knipex Wire Stripping Tool for coax and data cable 16 06 06 SB

Universal stripping tool for Coax cables RG 59, RG 6, RG 7, RG 11. For stripping outer sheath, shield and insulation in a single process. Adjustable stripping blade for data cable. Two stripping blades for cutting and stripping telephone ribbon cable (4P/6P/8P) in a single operation. Integrated blade for cutting data cables. Housing: plastic, impact-proof.

Article No.	Type	L in mm	Stripping capacities diameter	AWG	Length stop	IMPA
311070	16 06 06	125	RG 59, RG 6, RG 7, RG 11	NA	NA	-



## Knipex Cable Knife with replaceable blade 98 56

Straight blade with special sharpening; replaceable. With hinged blade guard, integrated in the handle, captive. Back of the blade plastic coated to avoid short circuits. Ergonomically shaped insulating handle. Blade: surgical steel, stainless, vacuum-hardened. **Spare blade available, RMN No. 311123 (98 56 09)**

Article No.	Type	L in mm	Blade length	AWG	Length stop	IMPA
311122	98 56	190	50 mm	NA	NA	-



## Knipex Snipe Nose Side Cutting Pliers 26 15 200

Elastic tips: dimensionally stable even when twisted. Distortion-tolerant, elastic precision tips. Half-round, long, tapered jaws. With cutting edges for soft, medium-hard and hard wire. Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC. Vanadium electric steel, forged, multi stage oil-hardened. Chrome-plated, with multi-component grips.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. medium hard wire	Jaw length	IMPA
310150	26 15 200	200	Ø 2.2 mm	Ø 3.2 mm	73.0 mm	-



## Knipex Snipe Nose Side Cutting Pliers with 40° angled jaws 26 25 200

Elastic tips: dimensionally stable even when twisted. Distortion-tolerant, elastic precision tips. Half-round, long, tapered jaws. With cutting edges for soft, medium-hard and hard wire. Cutting edges additionally induction-hardened, cutting edge hardness approx. 61 HRC. 40° angled jaws. Vanadium electric steel, forged, multi stage oil-hardened. Chrome-plated, with multi-component grips.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. medium hard wire	Jaw length	IMPA
310152	26 15 200	200	Ø 2.2 mm	Ø 3.2 mm	73.0 mm	-



## Knipex X-Cut® Compact Diagonal Cutter High lever transmission 73 02 160

Cuts finest strands as well as multi-core cables and piano wires. Powerful, light and universal. High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio. Box-joint design: highest stability with low weight. Doubly supported joint axis for heavy duty. Large opening width for thicker cables. Cuts precisely, even through fine copper wires. Compact, low-weight construction. Universally usable, in the assembly, maintenance and production. 40% less force required compared with standard diagonal cutters of the same length. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. Surface black atramentized, polished head, with multi-component grips. DIN ISO 5749.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. copper multi stranded	Cutting cap. medium hard wire	IMPA
310218	73 02 160	160	Ø 2.7 mm	Ø 2.2 mm	Ø 12 mm	Ø 3.8 mm	-



## Knipex Diagonal Cutter 70 05 series

The indispensable diagonal cutter for all-round use. High-quality material and precise workmanship for long service life. Precision cutting edges for soft and hard wire. Clean cutting of thin copper wires, also at the cutting edge tips. Cutting edges additionally induction-hardened, cutting edge hardness approx. 62 HRC. Narrow head style for use in confined areas. With bevel. Vanadium electric steel, forged, multi stage oil-hardened. Chrome-plated, with multi-component grips. DIN ISO 5749.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
310225	70 05 140	140	Ø 1.8 mm	Ø 4.0 mm	Ø 2.5 mm	61 17 12
310226	70 05 160	160	Ø 2.0 mm	Ø 4.0 mm	Ø 3.0 mm	-
310227	70 05 180	180	Ø 2.5 mm	Ø 4.0 mm	Ø 3.0 mm	-



## Knipex High Leverage Diagonal Cutter 74 01 series

For very tough, continuous use. High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio. Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. Plastic coated handles, black atramentized with polished head. DIN ISO 5749.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. medium hard wire	IMPA
310231	74 01 200	200	Ø 3.0 mm	Ø 2.5 mm	Ø 4.2 mm	-
310232	74 01 250	250	Ø 3.5 mm	Ø 3.0 mm	Ø 4.6 mm	-





# Pliers Knipex

## Knipex High Leverage Diagonal Cutter 74 02 series

For very tough, continuous use. High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio. Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. With multi-component grips, black atramentized with polished head. DIN ISO 5749.



Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. medium hard wire	IMPA
310233	74 02 200	200	Ø 3.0 mm	Ø 2.5 mm	Ø 4.2 mm	-
310234	74 02 160	160	Ø 2.5 mm	Ø 2.0 mm	Ø 3.4 mm	-



## Knipex High Leverage Diagonal Cutter with 12° angled head 74 21 series

For very tough, continuous use. High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio. Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire. 12° angled head for flush cutting, providing space for gripping. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. Plastic coated handles, black atramentized with polished head. DIN ISO 5749.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. medium hard wire	IMPA
310235	74 21 200	200	Ø 3.0 mm	Ø 2.5 mm	Ø 4.2 mm	-
310236	74 21 250	250	Ø 3.5 mm	Ø 3.0 mm	Ø 4.6 mm	-



## Knipex High Leverage Diagonal Cutter with 12° angled head 74 22 series

For very tough, continuous use. High cutting performance with minimum effort due to optimum coordination of the cutting edge angle and transmission ratio. Precision cutting edges additionally induction-hardened (cutting edge hardness approx. 64 HRC), for all sorts of wire including piano wire. 12° angled head for flush cutting, providing space for gripping. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. With multi-component grips, black atramentized with polished head. DIN ISO 5749.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. medium hard wire	IMPA
310237	74 22 200	200	Ø 3.0 mm	Ø 2.5 mm	Ø 4.2 mm	-
310238	74 22 250	250	Ø 3.5 mm	Ø 3.0 mm	Ø 4.6 mm	-



## Knipex Precision Electronics Diagonal Cutter 79 32 125 and 79 32 125 ESD

Pointed head. Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics. Very precisely ground and sharp cutting edges with very small bevels for exact cutting on delicate electronic components; also available without bevel for flush cutting. Cutting edges additionally induction-hardened, cutting edge hardness approx. 62 HRC. Approx. 20% lighter than conventional electronics pliers. Bolted joint with carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range. Smooth-running double spring for a gentle and even opening. Ergonomically optimised multi-component handles. Ball bearing chrome steel, forged, multi stage oil-hardened. Burnished with polished head and multi-component grips. DIN ISO 9654.

**Also available in ESD version with electrical discharging handles - dissipative.**

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
310239	79 32 125	125	Ø 0.6 mm	Ø 0.2-1.5 mm	Ø 1.1 mm	-
310239ESD	79 32 125 ESD	125	Ø 0.6 mm	Ø 0.2-1.5 mm	Ø 1.1 mm	-



## Knipex Precision Electronics Diagonal Cutter 79 22 125 and 79 22 125 ESD

Round head. Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics. Very precisely ground and sharp cutting edges with very small bevels for exact cutting on delicate electronic components; also available without bevel for flush cutting. Cutting edges additionally induction-hardened, cutting edge hardness approx. 62 HRC. Approx. 20% lighter than conventional electronics pliers. Bolted joint with carefully manufactured joint surfaces for even, low-friction movement throughout the entire opening range. Smooth-running double spring for a gentle and even opening. Ergonomically optimised multi-component handles. Ball bearing chrome steel, forged, multi stage oil-hardened. Burnished with polished head and multi-component grips. DIN ISO 9654.

**Also available in ESD version with electrical discharging handles - dissipative.**

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
313050	79 22 125	125	Ø 0.7 mm	Ø 0.2-1.7 mm	Ø 1.3 mm	-
313050ESD	79 22 125 ESD	125	Ø 0.7 mm	Ø 0.2-1.7 mm	Ø 1.3 mm	-

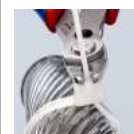


## Knipex Electronic Super Knips® XL 78 03 140 and 78 03 140 ESD

Additional 15 mm longer version: greater stability, greater cutting performance. Durable and stainless, made of INOX surgical steel. Cutting edge hardness approx. 54 HRC. Precision-ground cutting edges without bevel for precise and flush cutting of the finest wires, e.g. in electronics and fine mechanics. Precisely shaped tips cut wires close to a surface from Ø 0.2 mm. With opening spring and opening limiter for comfortable, ergonomic and fast working thanks to automatic opening and comfortable handle width. Extremely easy movement for fatigue-free work due to precise joint with stainless steel rivet. INOX tool steel. Polished head, with multi-component grips.

**Also available in ESD version with electrical discharging handles - dissipative.**

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
313072	78 03 140	140	NA	Ø 0.2-2.1 mm	Ø 1.2 mm	-
313072ESD	78 03 140 ESD	140	NA	Ø 0.2-2.1 mm	Ø 1.2 mm	-



## Knipex Diagonal Cutter for Plastic 72 02 125

Cutting face flush. For nearly flush cutting of moulded plastic components from sprues. Cuts soft materials such as lead in a flush cut. With opening spring. Vanadium electric steel; forged,

Article No.	Type	L in mm	IMPA
313010	72 02 125	125	-



# Pliers Knipex

## Knipex Electronics End Cutting Nipper 64 42 115

Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics. Sturdy, zero backlash box joint. Low-friction double spring for gentle and even opening. The polish or mirror polish together with a fine film of oil offer effective rust protection - no circuit faults caused by peeling chrome from plated tools. Cutters additionally laser hardened, cutter hardness at least 56 HRC. Oblique End Cutter, short head, with small bevel,  $\alpha = 27^\circ$ . Ball bearing chrome steel, oil hardened. With multi-component grips. DIN ISO 9654



Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
312120	64 42 115	115	Ø 0.5 mm	Ø 1.5 mm	Ø 1.0 mm	-

## Knipex Cobra® High-Tech Water Pump Pliers 87 01 series

Push the button for adjustment on the workpiece. Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width. Self-locking on pipes and nuts: no slipping on the workpiece and low hand-force required. Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping. Box-joint design for high stability due to double guide. Reliable catching of the hinge bolt: no unintentional shifting. Pinch guard prevents operators' fingers being pinched. Chrome vanadium electric steel, forged, multi stage oil-hardened. Plastic non-slip coated handles. Pliers grey atramentized, polished head. DIN ISO 8976.



Article No.	Type	L in mm	Adjustment positions	Cap. pipe Ø inch	Cap. pipe Ø mm	Cap nuts mm	IMPA
310243	87 01 125	125	13	1	30	27	-
310244	87 01 150	150	11	1.1/4	30	32	-
310245	87 01 180	180	18	1.1/2	36	42	-
310246	87 01 250	250	25	2	46	50	-
310247	87 01 400	400	27	3.1/2	95	90	-



## Knipex Alligator® Water Pump Pliers 88 01 250

Good access to the workpiece due to slim size of head and joint area. More output and comfort compared to conventional water pump pliers of the same length: 9-notch adjustment positioning for 30 % more gripping capacity. Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required. Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping. Box-joint design for high stability due to double guide. Robust construction, insensitive to dirt; particularly suitable for outdoor work. Pinch guard prevents operators' fingers being pinched. Chrome vanadium electric steel, forged, multi stage oil-hardened. Pliers black atramentized, polished head and with non-slip plastic coated handles. DIN ISO 8976. Article No. 310248 (88 03 250), chrome plated and non-slip plastic coated handles. Article No. 310250 (88 05 250) & 310251 (88 05 300) chrome plated and multi-component grips.



Article No.	Type	L in mm	Adjustment positions	Cap. pipe Ø inch	Cap. pipe Ø mm	Cap nuts mm	IMPA
310242	88 01 250	250	9	2	50	46	-
310248	88 03 250	250	9	2	50	46	-
310250	88 05 250	250	9	2	50	46	-
310251	88 05 300	300	9	2.3/4	70	60	-

## Knipex Pliers Wrench 86 03 series

Replaces the need for sets of metric and imperial spanners. Smooth jaws for damage free installation of plated fittings - working directly on chrome! Also excellent for gripping, holding, pressing and bending workpieces. Zero backlash jaw pressure prevents damage to edges of sensitive components. Fast adjustment by pushing a button directly on the workpiece. No unintentional shift of the gripping jaws and no slipping of the joint. Parallel jaws give a more solid grip; its design allows flexible adjustment of all widths up to the specified maximum size. The ratchet type principle allows quick and easy tightening and release of all bolted connections. Lever transmission greater than 10 : 1 for strong gripping power. Chrome vanadium electric steel, forged, oil-hardened. Chrome plated and with plastic coated handles. Also available with multi-component grips and in grey atramentized with polished head.



Article No.	Type	L in mm	Adjustment positions	Cap. pipe Ø inch	Cap. pipe Ø mm	Cap nuts mm	IMPA
310258	86 03 125	125	11	7/8	23	23	-
310254	86 03 180	180	15	1.1/2	38	40	61 16 21
310255	86 03 250	250	19	2	50	52	61 16 22
310256	86 03 300	300	24	2.1/2	65	68	61 16 23



## Knipex Siphon and Connector Pliers 81 03 series

Fine adjustment for ideal adjustment to diverse diameters. For siphons, oil filters, plastic pipes and connectors up to 80 mm diameter. Robust, heavy duty. With serrated gripping jaws; up to Ø 80 mm. Ideal for tightening and loosening siphon screw connections, plastic pipe fittings and round union nuts. For connectors and couplings with screw connection, such as Cannon circular connectors. For gentle loosening of hoses on nozzles and filter cartridges. Optimum adhesion on dirt-, oil- and fatfree surfaces. 25-way adjustable box joint. Ergonomic handle geometry. Chrome vanadium electric steel, forged, oil-hardened. Chrome plated and polished head. With non-slip plastic coating. DIN ISO 8976. RMN article No. 310269 (81 13 250) equipped with changeable gripping jaws with two-component plastic insert with a hard carrier component (red) and a soft adhesive component (blue).



Article No.	Type	L in mm	Adjustment positions	Cap. pipe Ø inch	Cap. pipe Ø mm	Cap nuts mm	IMPA
310268	81 03 250	250	25	1 - 3	25 - 80	NA	-
310269	81 13 250	250	25	1 - 3	25 - 80	NA	-



# Pliers Knipex

## Knipex Universal Grip Pliers 40 04 Series

Hold round, profile and flat material securely. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Pliers body: rolled steel, high-strength, galvanized. Gripping jaws: chrome vanadium electric steel, forged.



Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310170	40 04 180	180	Ø 35 mm	25 mm	32 mm	61 16 42
310171	40 04 250	250	Ø 35 mm	30 mm	32 mm	61 16 44

## Knipex Grip Pliers 41 24 225

Hold round, profile and flat material securely. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Pliers body: rolled steel, high-strength, galvanized. Gripping jaws: chrome vanadium electric steel, forged.

Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310172	41 24 225	225	Ø 25 mm	16 mm	30 mm	61 16 44

## Knipex Grip Pliers 41 34 165

Hold round, profile and flat material securely. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Long-Nose Grip Pliers, narrow, long jaws. Pliers body: rolled steel, high-strength, galvanized. Gripping jaws: chrome vanadium electric steel, forged.

Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310173	41 34 165	165	Ø 20 mm	10 mm	24 mm	-

## Knipex Welding Grip Pliers 42 14 280

For gripping, clamping and holding of diverse profiles. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Pliers body: rolled steel, high-strength, galvanized.

Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310174	42 14 280	280	Ø 30-65 mm	50 mm	-	-

## Knipex Welding Grip Pliers 42 24 280

For gripping, clamping and holding of diverse profiles. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Pliers body: rolled steel, high-strength, galvanized.

Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310175	42 24 280	280	Ø 10-70 mm	-	-	-

## Knipex Welding Grip Pliers 42 34 280

Gripping jaws of chrome vanadium steel, drop forged. Clamps cumbersome workpieces and sections with high webs up to 40 mm. For gripping, clamping and holding of diverse profiles. Heavy duty model. With adjustment screw and release lever. One-hand operation. High clamping pressure due to toggle lever action. Pliers body: rolled steel, high-strength, galvanized.

Article No.	Type	L in mm	Grip width round	Grip width square	Grip width hexagon	IMPA
310176	42 34 280	280	-	90 mm	-	-

## Knipex Circlip Pliers Internal Straight 44 11 Series

For internal circlips in bore holes. Solid style, forged. Non-slip, solid tips. DIN 5256 C, straight tips. Pliers body and tips: chrome vanadium steel, forged, oil-hardened. Black atramentized with polished head and plastic coated handles.

Article No.	Type	L in mm	Size internal ring DIN 472	IMPA
310179	44 11 J0	140	8-13 mm	61 18 21
310180	44 11 J1	140	12-25 mm	61 18 22
310181	44 11 J2	180	19-60 mm	61 18 23
310182	44 11 J3	225	40-100 mm	61 18 25
310183	44 11 J4	320	85-140 mm	61 18 26

## Knipex Circlip Pliers Internal Angled 44 21 Series

For internal circlips in bore holes. Solid style, forged. Non-slip, solid tips. DIN 5256 D, 90° angled tips. Pliers body and tips: chrome vanadium steel, forged, oil-hardened. Black atramentized with polished head and plastic coated handles.

Article No.	Type	L in mm	Size internal ring DIN 472	IMPA
310184	44 21 J01	130	8-13 mm	61 18 31
310185	44 21 J11	130	12-25 mm	61 18 32
310186	44 21 J21	170	19-60 mm	61 18 33
310187	44 21 J31	215	40-100 mm	61 18 35
310188	44 21 J41	300	85-140 mm	61 18 36

## Knipex Circlip Pliers External Straight 46 11 Series

For external circlips on shafts. Solid style, forged. Non-slip, solid tips. DIN 5254 A, straight tips. Pliers body and tips: chrome vanadium steel, forged, oil-hardened. Black atramentized with polished head and plastic coated handles.

Article No.	Type	L in mm	Size external ring DIN 471	IMPA
310189	46 11 A0	140	3-10 mm	61 18 01
310190	46 11 A1	140	10-25 mm	61 18 02
310191	46 11 A2	180	19-60 mm	61 18 03
310192	46 11 A3	210	40-100 mm	61 18 05
310193	46 11 A4	320	85-140 mm	61 18 06

## Knipex Circlip Pliers External Angled 46 21 Series

For external circlips on shafts. Solid style, forged. Non-slip, solid tips. DIN 5254 B, 90° angled tips. Pliers body and tips: chrome vanadium steel, forged, oil-hardened. Black atramentized with polished head and plastic coated handles.

Article No.	Type	L in mm	Size external ring DIN 471	IMPA
310194	46 21 A01	125	3-10 mm	61 18 11
310195	46 21 A11	125	10-25 mm	61 18 12
310196	46 21 A21	170	19-60 mm	61 18 13
310197	46 21 A31	200	40-100 mm	61 18 15
310198	46 21 A41	300	85-140 mm	61 18 16





## Pliers Knipex

### Knipex Circlip Pliers Internal with replaceable tips for clips from 122-300 mm 44 Series

For internal circlips in bore holes. With locking device, can be released. With replaceable tips made of tempered steel. Black powder-coated. Straight tips DIN 5256 C and 90° angled tips, DIN 5256 D. Pliers body: rolled steel, high-strength. Tips: special tool steel, oil-hardened.

Article No.	Spare Tips Article No.	Type	L in mm	Tips	Size of bore Ø mm	Tips diam. Ø mm	IMPA
311630	311634	44 10 J5	570	Straight	122-300	3.5	61 18 27
311632	311636	44 20 J51	590	Angled	122-300	3.5	61 18 37

### Knipex Circlip Pliers External with replaceable tips for clips from 122-300 mm 46 Series

For external circlips on shafts. With locking device, can be released. With replaceable tips made of tempered steel. Black powder-coated. Straight tips, DIN 5254 A and 90° angled tips, DIN 5254 B. Pliers body: rolled steel, high-strength. Tips: special tool steel, oil-hardened.

Article No.	Spare Tips Article No.	Type	L in mm	Tips	Size of shaft Ø mm	Tips diam. Ø mm	IMPA
311598	311638	46 10 A5	560	Straight	122-300	3.5	61 18 07
311599	311639	46 20 A51	570	Angled	122-300	3.5	61 18 17

### Knipex Circlip Pliers Internal and External set in tool roll 00 19 56

Four common Circlip Pliers for internal and external circlips. Tool roll made of hard-wearing polyester fabric. With practical, adjustable quick release fastener. Set contains the following pliers: 44 11 J1, 44 11 J2, 46 11 A1 and 46 11 A2.

Article No.	Type	Description	IMPA
313150	00 19 56	Circlip plier set 4 pcs internal, external in tool roll	-

### Bahco Resettable Circlip Pliers Set 9938

Set includes: 2928-160, 2928-200, 2928-250 circlip pliers. Set of three circlip pliers with interchangeable tips for both internal and external circlips in a plastic box. Patented pliers, equipped with interchangeable tips (straight, 15° and 90°) which can easily be adapted for use with internal or external circlips. 5 Pairs of tips are supplied with the -160 and -200 and 6 pairs with the -250. Valid for internal circlips from 8 to 100 mm diameter and for external circlips from 3 to 100 mm. Regulation stop mechanism for easier use and prevention of damage to circlips due to excessive force. The 2928-160 pliers, which thus covers a range of applications previously embraced by as many as 10 conventional pliers.

Article No.	Type	Description	IMPA
309938	9938	Circlip plier set 4 pcs internal, external in plastic box	-

### Knipex Carpenters Pincers 50 00 Series

For heavy duty use. Specially favoured by craftsmen for their precise workmanship. Extreme wear resistance and well balanced. Cutting edge hardness approx. 60 HRC. Special tool steel, forged, oil-hardened. Black atramentized with polished head. DIN ISO 9243. Cutting capacity is in medium hard wire.

Article No.	Type	L in mm	Cutting edge Length in mm	Cutting Cap. Ø mm Medium hard wire	IMPA
310201	50 00 180	180	23 mm	2.0 mm	61 28 33
310202	50 00 225	225	25.5 mm	2.2 mm	61 28 35
310203	50 00 250	250	28 mm	2.2 mm	61 28 36

### Knipex Concreters Nipper 99 00 Series

(Concreter's Nippers or Fixer's Nippers). To twist and cut wire in one operation: fast, reliable and economical. Cutting edges additionally hardened; cutting edge hardness approx. 61 HRC. High-grade special tool steel, forged, multi stage oil-hardened. Black atramentized with polished head. DIN ISO 9242.

Article No.	Type	L in mm	Cutting edge Length in mm	Cutting Cap. Ø mm Medium hard wire	Cutting Cap. Ø mm hard wire	IMPA
310272	99 00 250	250	25 mm	2.4 mm	1.6 mm	-
310273	99 00 280	280	25 mm	2.8 mm	1.8 mm	-
310274	99 00 300	300	25 mm	3.1 mm	1.8 mm	-

### Knipex Bolt End Cutting Nipper 61 02 200

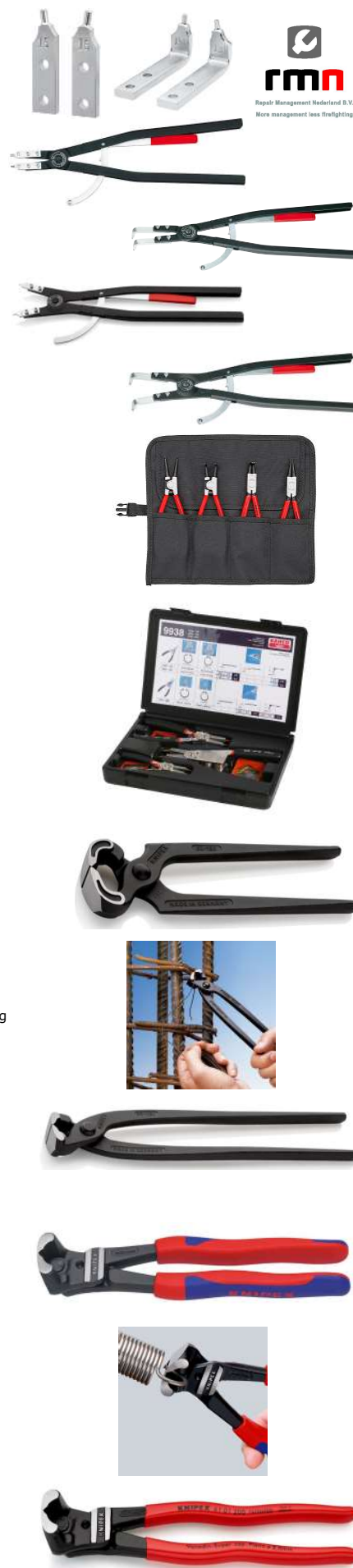
Powerful, compact, comfortable, high lever transmission. With slim multi-component grips without collar for better handling and easier transport. With large contact surface on the handles for better allotment of pressure and more comfort at work. Particularly high cutting capacity with minimum effort due to optimum transmission ratio. Handles angled for better accessibility. Vanadium electric steel, forged, multi stage oil-hardened. Black atramentized with polished head. Multi-component grips. DIN ISO 5743.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
310240	61 02 200	200	Ø 3.5 mm	Ø 3.0 mm	Ø 1-6 mm	Ø 4.0 mm	-

### Knipex Bolt End Cutting Nipper 61 01 200

Powerful, compact, comfortable, high lever transmission. With slim multi-component grips without collar for better handling and easier transport. With large contact surface on the handles for better allotment of pressure and more comfort at work. Particularly high cutting capacity with minimum effort due to optimum transmission ratio. Handles angled for better accessibility. Vanadium electric steel, forged, multi stage oil-hardened. Black atramentized with polished head. Plastic coated handles. DIN ISO 5743.

Article No.	Type	L in mm	Cutting cap. hard wire	Cutting cap. piano wire	Cutting cap. soft wire	Cutting cap. medium hard wire	IMPA
310241	61 01 200	200	Ø 3.5 mm	Ø 3.0 mm	Ø 1-6 mm	Ø 4.0 mm	-



## Knipex Cable Shears 95 11 165

For cutting copper and aluminium single conductors as well as multiple stranded cables. Clean and smooth cut without crushing and deformation. Not suitable for steel wire and hard drawn copper conductors. Precision-ground, hardened blades. Easy cutting with one-hand operation. With guard. Adjustable bolted joint, self-retaining screw. High-grade special tool steel, forged, oil-hardened. Plastic coated handles.

Article No.	Type	L in mm	Cutting cap. copper cable multi-stranded	Cutting cap. copper cable multi-stranded	AWG	IMPA
311085	95 11 165	165	Ø 15 mm	50 mm <sup>2</sup>	1/0	-

## Knipex Cable Shears 95 12 165

For cutting copper and aluminium single conductors as well as multiple stranded cables. Clean and smooth cut without crushing and deformation. Not suitable for steel wire and hard drawn copper conductors. Precision-ground, hardened blades. Easy cutting with one-hand operation. With guard. Adjustable bolted joint, self-retaining screw. High-grade special tool steel, forged, oil-hardened. Multi-component grips.

Article No.	Type	L in mm	Cutting cap. copper cable multi-stranded	Cutting cap. copper cable multi-stranded	AWG	IMPA
312010	95 12 165	165	Ø 15 mm	50 mm <sup>2</sup>	1/0	-

## Knipex ACSR Cable Cutter 95 32 340 SR

The cable cutter cuts through ACSR cable with a steel core (= Aluminium Conductor Steel Reinforced) up to Ø 32 mm. With one- or two-handed operation, the high leverage guarantees a simple, accurate cut. Handy and compact with highest performance. Extremely stable, dual guided of the revolving blade. No fanning out of the cable: precision-ground and induction-hardened cutting edge for a clean cut and long service life. Low handforce required due to two-stage gear drive with ratchet mechanism. Fixed handle with support area for putting down the pliers when cutting. Locking mechanism for transporting with safely closed handles. All wearing parts are available as spare parts and exchangeable. Special high grade tool steel, multi stage oil-hardened. Handles with multi-component grips. **Spare Pivot cutter repair kit available RMN No. 312041B ( 95 39 340 01).**

Article No.	Type	L in mm	Cutting cap. ACSR cable with steel core	Cutting cap. ACSR cable with steel core	MCM	IMPA
312041	95 32 340	340	Ø 32 mm	1.1/4 inch	477	-

## Knipex Wire Rope Cutter 95 61 190

Forged. With two crimping dies for end caps on Bowden cable sheaths and end ferrules for traction cables. Comfortable work thanks to handy, slim design and internal opening spring. Bolted joint for precise blade guidance, re-adjustable. High leverage for reduced effort. Cutting edge hardness approx. 64 HRC. Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened. Handles plastic coated. Polished head. Cutting capacity copper cable, fine-stranded Ø 6.0 mm, multiple-stranded Ø 7.0 mm, wire rope Ø 5.0 mm, medium hard wire Ø 4.0 mm, piano wire Ø 2.5 mm, iron Ø 4 mm.

Article No.	Type	L in mm	Cutting cap. copper cable multi-stranded	Cutting cap. copper cable multi-stranded	AWG	IMPA
312000	95 61 190	190	Ø 7 mm	10 mm <sup>2</sup>	8	-

## Knipex Wire Rope and ACSR-Cable Cutter 95 71 series

For wire ropes and steel rods, copper and aluminium cables. Suitable for cutting overhead cables with strain relief wire (ACSR-cables). Angular cutting blades allow cutting of single rope wire. Optimum transmission ratio for high cutting performance. Bolted cutter head, replaceable. Low weight. Handles: aluminium, high-strength. Cutter head: high-grade special tool steel, multi stage oil-hardened. Handles with one-component plastic grips. Polished head. **Spare cutter heads available. For the 445 mm RMN No. 312001B (95 79 445) and for the 600 mm RMN No. 312002B (95 79 600).**

**Cutting capacity 312001** Multiple-stranded copper cable 95 mm<sup>2</sup>, Fine stranded copper cable Ø 10.0 mm, wire rope Ø 10.0 mm, medium hard wire Ø 7.0 mm, iron Ø 7.0 mm.  
**Cutting capacity 312002** Multiple-stranded copper cable 150 mm<sup>2</sup>, Fine stranded copper cable Ø 14.0 mm, wire rope Ø 14.0 mm, medium hard wire Ø 9.0 mm, iron Ø 9.0 mm.

Article No.	Type	L in mm	Cutting cap. copper cable multi-stranded	Cutting cap. wire rope	Cutting cap. medium hard wire	Cutting cap. fine stranded copper	IMPA
312001	95 71 445	445	95 mm <sup>2</sup>	Ø 10 mm	Ø 7 mm	Ø 10.0	61 19 01
312002	95 71 600	600	150 mm <sup>2</sup>	Ø 14 mm	Ø 9 mm	Ø 14.0	61 19 02

## Knipex Crimping Plier 97 21 215

For cutting cables, stripping wire and crimping insulated and non-insulated terminals, connectors and plug type connectors. With threaded holes for cutting copper and brass screws threaded M 2.6 / M 3 / M 3.5 / M 4 and M 5. Bolted joint for higher stability and even movement. Special steel, high-strength. With multi-component grips. Application: insulated terminals and cable connectors.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310500	97 21 215	215	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

## Knipex Crimp System Plier 97 43 06

### For Exchangeable Crimping Dies

With attached crimping dies for insulated terminals and plug connectors. Just one tool for almost 1000 crimping applications. Almost parallel crimping motion. Consistently high crimping quality thanks to precision dies and ratchet mechanism (unlockable). Tools have been set precisely (calibrated) in the factory. Optimum transmission of force due to lever action for fatigue-reduced operation. Ergonomically designed handles. Different locators for precise positioning of the connectors. Crimping dies for applications not covered in the range offered here, may be available on request. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310510	97 43 06	200	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-





## Pliers Knipex

### Knipex Crimp System Plier 97 43 05

#### For Exchangeable Crimping Dies

With attached crimping dies for non-insulated open plug-type connectors (4.8 and 6.3 mm connector width). Just one tool for almost 1000 crimping applications. Almost parallel crimping motion. Consistently high crimping quality thanks to precision dies and ratchet mechanism (unlockable).

Tools have been set precisely (calibrated) in the factory. Optimum transmission of force due to lever action for fatigue-reduced operation. Ergonomically designed handles. Different locators for precise positioning of the connectors. Crimping dies for applications not covered in the range offered here, may be available on request. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310511	97 43 05	200	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

### Knipex Crimp System Plier 97 43 200

#### For Exchangeable Crimping Dies

Pliers without crimping dies. Comes in a plastic case; foam insert with recesses for crimping dies and locators; with service tool (Allen key), screws and nuts. The crimping dies 97 49 xx for the Crimp System Pliers 97 43 200 are not compatible with the KNIPEX MultiCrimp 97 33 01/02.

Just one tool for almost 1000 crimping applications. Almost parallel crimping motion. Consistently high crimping quality thanks to precision dies and ratchet mechanism (unlockable). Tools have been set precisely (calibrated) in the factory. Optimum transmission of force due to lever action for fatigue-reduced operation. Ergonomically designed handles. Different locators for precise positioning of the connectors. Crimping dies for applications not covered in the range offered here, may be available on request. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. **Also available without plastic case as RMN No. 310512**

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310513	97 43 200	200	-	-	-	-

### Knipex Crimping Die 97 49 08

#### For insulated and non-insulated wire ferrules

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310514	97 49 08	50	0.25 - 6.0 mm <sup>2</sup>	5	24-10	-

### Knipex Crimping Die 97 49 09

#### For insulated and non-insulated wire ferrules

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310515	97 49 09	50	10-16-25 mm <sup>2</sup>	3	8-6-4	-

### Knipex Crimping Die 97 49 40

#### For Coax connectors RG 58, 59, 62, 71, 72 sleeves 6.4 - 7.6 - 2.1

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity	Number of crimping positions	SW in mm	IMPA
310516	97 49 40	50	See above	3	5.4, 6.48, 1.72	-

### Knipex Crimping Die 97 49 24

#### For D-Sub plugs, D-Sub, HD20, HDE connectors 0.03-0.56 mm<sup>2</sup>

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310517	97 49 24	50	0.03-0.56	3	32-20	-

### Knipex Locator for Sub-D Plugs 97 49 93

#### To use in combination with the 97 49 24 crimping die

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310518	97 49 93	50	-	-	-	-

### Knipex Crimping Die 97 49 20

#### For F-connectors for TV and satellite connections

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	SW in mm	IMPA
310519	97 49 20	50	-	3	7, 8.4, 8.1	-

### Knipex Crimping Die 97 49 70

#### For Western plugs 4, 6, 8- poles RJ10 / 11 / 12 / 45

To fit into the 97 43 crimping plier.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	SW in mm	IMPA
310520	97 49 70	50	See above	3	-	-

### Knipex Crimping Plier for wire ferrules 97 61 145 A

For crimping wire ferrules according to DIN 46228 parts 1 + 4 in the range from 0.25 up to 2.5 mm<sup>2</sup>. Crimping in marked trapezoidal dies for reliable connections between the sleeve and the conductor. Vanadium electric steel; forged, oil-hardened. Plastic coated handles. Application: wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310570	97 61 145	145	0.25 - 2.5 mm <sup>2</sup>	4	24-14	-



## Pliers Knipex

### Knipex MultiCrimp® 97 33 02

#### Lever Action Crimping Pliers with changer magazine

The crimping dies 97 49 xx for the Crimp System Pliers 97 43 200 are not compatible with the KNIPEX MultiCrimp 97 33 01/02. Just one tool for the most common crimping applications. Crimping dies changed quickly and easily without any additional tool. Sorted and protected storage of the interchangeable dies in a round magazine.

Comfortable, powerful crimping pliers in professional quality.

Same reliable crimping results as with fixed crimping dies. Consistently high crimping quality thanks to precision dies and ratchet mechanism (unlockable). Special quality chrome vanadium electric steel, oil-hardened. Round magazine: glass fibre reinforced plastic. Handles with multi-component grips.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310525	97 33 02	250	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

### Knipex Self-Adjusting Crimping Pliers for wire ferrules 97 53 08

#### With front loading

Compression from 0.08 - 10.0 mm<sup>2</sup> in one profile. Wire ferrules up to 2.5 mm<sup>2</sup> can also be loaded parallel from the side. Suitable in particular for all twin wire ferrules up to 2 x 4 mm<sup>2</sup> or 2 x AWG 12. For crimping wire ferrules according to DIN 46228 parts 1 + 4. Self-adjusting adaptation to the desired wire ferrule size: no wrong crimps caused by using the wrong die. Frontal insertion of the wire ferrules into the pliers. Repetitive, high crimping quality due to ratchet mechanism (unlockable). Tools have been set precisely (calibrated) in the factory. Optimum transmission of force thanks to toggle lever for fatigue-reduced operation. Handy shape and low weight provide high operation comfort. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application: wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310530	97 53 08	190	0.08 - 10.0 mm <sup>2</sup>	1	28-8	-

### Knipex Self-Adjusting Crimping Pliers for wire ferrules 97 53 09

#### With front loading

Compression from 0.08 - 10.0 and 16.0 mm<sup>2</sup> in one profile. With selector lever for setting the crimping area either to 0.08 - 10 mm<sup>2</sup> or 16 mm<sup>2</sup>. Also suitable for twin wire ferrules up to 2 x 10 mm<sup>2</sup>, but smaller than Ø 6.6 mm (e.g. KNIPEX art. no. 97 99 377). For crimping wire ferrules according to DIN 46228 parts 1 + 4. Self-adjusting adaptation to the desired wire ferrule size: no wrong crimps caused by using the wrong die. Frontal insertion of the wire ferrules into the pliers. Repetitive, high crimping quality due to ratchet mechanism (unlockable).

Tools have been set precisely (calibrated) in the factory. Optimum transmission of force thanks to toggle lever for fatigue-reduced operation. Handy shape and low weight provide high operation comfort. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application: Wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310531	97 53 09	190	0.08 - 10.0/16.0 mm <sup>2</sup>	1	28-6	-

### Knipex Self-Adjusting Crimping Pliers for wire ferrules 97 53 04

#### With lateral access

Narrow handle width and improved ergonomics. Square compression now for wire ferrules up to 16 mm<sup>2</sup>. Square compression for ideal contact surfaces in the clamp connection. Suitable in particular for all twin wire ferrules up to 2 x 4 mm<sup>2</sup> or 2 x AWG 12. Reliable hexagonal crimping of wire ferrules from 0.08 to 16 mm<sup>2</sup> (AWG 6) by simply turning and setting the adjusting wheel and all twin wire ferrules up to 2 x 10 mm<sup>2</sup> (AWG 2 x 8). For crimping wire ferrules according to DIN 46228 parts 1 + 4. Self-adjustment to the size of wire ferrules required. Repetitive, high crimping quality due to ratchet mechanism (unlockable). Tools have been set precisely (calibrated) in the factory. Optimum transmission of force thanks to toggle lever for fatigue-reduced operation. Handy shape and low weight provide high operation comfort. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application: Wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310535	97 53 04	180	0.08 - 10.0/16.0 mm <sup>2</sup>	1	28-6	-

### Knipex Self-Adjusting Crimping Pliers for wire ferrules 97 53 14

#### With lateral access

Hexagonal crimp layout for near round form, particularly suitable for confined connections. Automatic self-adjustment to wire ferrules with ratcheting mechanism ensuring a complete crimping cycle for consistent, reliable and fast crimping. Reliable hexagonal crimping of wire ferrules from 0.08 to 16 mm<sup>2</sup> (AWG 6) by simply turning and setting the adjusting wheel and all twin wire ferrules up to 2 x 10 mm<sup>2</sup> (AWG 2 x 8). Automatic adaptation by self-adjustment to the wire ferrule size for precise and quick crimping. Crimping pressure calibrated in the factory for precise crimping. Optimum transmission of force due to toggle lever for fatigue-reduced operation. Ergonomic and comfortable handle, smooth operation and lightweight. Crimping of wire ferrules according to DIN 46228 parts 1+4. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application: Wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310560	97 53 14	180	0.08 - 16.0 mm <sup>2</sup>	1	28-8	-

### Knipex PreciForce® Crimping Pliers 97 52 36

Consistently high crimping quality thanks to precision dies and ratchet mechanism (unlockable). Tools have been set precisely (calibrated) in the factory. Optimum transmission of force thanks to toggle lever for fatigue-reduced operation. Good handling thanks to favourable handle position, low weight, compact design and ergonomically shaped handles. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application; insulated terminals, plug connectors + butt connectors.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
310586	97 52 36	220	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

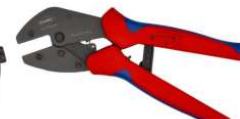
### Knipex Twistor®16 Crimping Pliers for wire ferrules 97 53 18

Self-Adjusting Crimping Pliers for wire ferrules With rotatable die head. Crimp head can be rotated 360°, with 8 locking positions. Square crimp profile, high capacity range from 0.14 to 16 mm<sup>2</sup>. Wire ferrules can be crimped from almost any working position. Crimping pliers adjust automatically to different cross-sections.

Crimp opening accessible from both sides, extra-long wire ferrules can be fed in. Crimping of Twin wire ferrules up to 2 x 6 mm<sup>2</sup> possible. Repetitive, high crimping quality due to ratchet mechanism (unlockable).

Light and handy tool, manual force reinforced by toggle lever mechanism. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips. Application: Wire ferrules.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311062	97 53 18	200	0.14 - 16.0 mm <sup>2</sup>	1	26-6	-



## Pliers Knipex

### Knipex Crimp assortment for wire ferrules 97 90 10

With Self-Adjusting Insulation Stripper 12 40 200. With Self-Adjusting Crimping Pliers for wire ferrules 97 53 04. In a TANOS MINI-systainer® (solid plastic box). T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®. Opening when connected: fast and simple access to content without disconnecting. Two stackable plastic inserts with 6 trays each for connectors. With an assortment of wire ferrules with/without collar.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311050	97 90 10	-	0.08 - 10.0/16.0 mm <sup>2</sup>	1	28-6	-

### Knipex Crimp assortment for wire ferrules 97 90 12

With Self-Adjusting Insulation Stripper 12 40 200. With Self-Adjusting Crimping Pliers for wire ferrules 97 53 08. In a TANOS MINI-systainer® (solid plastic box). T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®. Opening when connected: fast and simple access to content without disconnecting. Two stackable plastic inserts with 6 trays each for connectors. With an assortment of wire ferrules with/without collar.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311051	97 90 12	-	0.08 - 10.0 mm <sup>2</sup>	1	28-8	-

### Knipex Crimp assortment for cable connectors 97 90 21

With crimping pliers KNIPEX PreciForce® 97 52 36 (for insulated terminals and plug connectors). In a TANOS MINI-systainer® (solid plastic box). T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®. Opening when connected: fast and simple access to content without disconnecting. Two stackable plastic inserts with 6 trays each for connectors. With an assortment of standard cable connectors.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311052	97 90 21	-	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

### Knipex Crimp assortment for cable connectors 97 90 22

With Automatic Insulation Stripper KNIPEX Multistrip 10 (12 42 195). With crimping pliers KNIPEX PreciForce® 97 52 36 (for insulated terminals and plug connectors). In a TANOS MINI-systainer® (solid plastic box). T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®. Opening when connected: fast and simple access to content without disconnecting. Two stackable plastic inserts with 6 trays each for connectors. With an assortment of standard cable connectors.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311053	97 90 22	-	0.5 - 6.0 mm <sup>2</sup>	3	20-10	-

### Knipex TANOS MINI-systainer® 97 90 00 LE

T-Loc fastener for one-handed operation: open or close the systainer® with one turn and connect to a second systainer®. Opening when connected: fast and simple access to content without disconnecting.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311055	97 90 00	-	-	-	-	-

### Knipex Tool Case for Photovoltaics 97 91 01

With tools for photovoltaics. With Precision Insulation Stripper 12 12 11 with adapted blades for smaller stripping capacities 1.5 / 2.5 / 4.0 / 6.0 mm<sup>2</sup>. With cable shears 95 16 165 for Cu cables up to Ø 15 mm. With Crimp System Pliers 97 43 200 A for exchangeable crimping dies; crimping pressure has been set precisely (calibrated) in the factory. Without crimping dies - please order separately (see ref. 97 49...) for individual assortment. With service tools (hexagonal key) for the change of crimping dies. Shock-resistant plastic case. Foam insert with recesses for tools, crimping dies (not included) and locators. Dimensions, exterior (W x H x D): 345 x 80 x 280 mm.

Article No.	Type	L in mm	Capacity in mm <sup>2</sup>	Number of crimping positions	AWG	IMPA
311054	97 91 01	-	-	-	-	-

### Knipex Crimping Pliers for Western Plugs 97 51 10

Professional tool for cutting and stripping unshielded ribbon telephone cables. For crimping 6- and 8-pole Western plugs type RJ 11/12 (9.65 mm width) and type RJ 45 (11.68 mm width); long design. Precise crimping process thanks to parallel crimping. Repetitive, high crimping quality due to ratchet mechanism (unlockable). With length cutter and stripping knife for ribbon cables 6 and 12 mm length. With additional stripping device for round cables. Special quality chrome vanadium electric steel, oil-hardened. Handles with multi-component grips.

Article No.	Type	L in mm	Capacity	Number of crimping positions	AWG	IMPA
310550	97 51 10	190	RJ 11/12 + RJ45	2	-	-

### Knipex Crimping Pliers for Western Plugs 97 51 12

Improved opening mechanism, optimised design, less weight. Can be used to crimp 4-, 6- and 8-pin Western plugs. For cutting and stripping unshielded ribbon telephone cables. Precise crimping process thanks to parallel crimping. Repetitive, high crimping quality due to ratchet mechanism (unlockable). Optimum transmission of force due to lever action for fatigue-reduced operation. For Western plug type RJ 10 (7.65 mm wide), RJ 11/12 (9.65 mm wide) and RJ 45 (11.68 mm wide) long design. With length cutter and stripping knife for ribbon cables 6 and 12 mm length. Head burnished, handles with two-colour multi-component grips. With additional stripping device for round cables. Special quality chrome vanadium electric steel, oil-hardened.

Article No.	Type	L in mm	Capacity	Number of crimping positions	AWG	IMPA
311058	97 51 12	200	RJ10 + RJ 11/12 + RJ45	2	-	-

### Knipex Crimping Pliers for Western Plugs 97 51 13

All-in-one tool for cable cutting, stripping of round cable and crimping of common RJ45 plugs. Reliably crimps shielded and unshielded RJ45 Western plugs (8P8C). With adjustable retaining bracket, for all common RJ45 plugs with closed and non-closed housings. Exact crimping process due to parallel crimp and self-releasing mechanism. Dual crimping points for equal and balanced crimping pressure. Quick cutting and stripping of CAT-cables with the high-quality blade. With ergonomic multi-component handles. For current and future Western connection technology in the network / Ethernet area and Western modular plugs with 8P8C pin assignment.

Article No.	Type	L in mm	Capacity	Number of crimping positions	AWG	IMPA
311059	97 51 13	200	RJ45 (8P8C)	-	-	-





## Pliers Knipex

### Knipex Insertion Tool 97 40 10

For LSA-Plus and identical construction design. Tool for putting on boards, sockets and fields. Pushing down and cutting in one operation. For UTP and STP cables, conductor Ø 0.4 - 0.8. With integrated pulling hook and release blade. Housing: plastic, impact-proof. Application: Application UTP- and STP-cables, LSA-Plus and identical.

Article No.	Type	L in mm	Application	Capacity	IMPA
311065	97 40 10	175	UTP - STP - LSA Plus	Ø 0.4 - 0.8 mm	-



### Knipex Compression Tool 97 40 20 SB

For crimping F, BNC and RCA connectors. Robust design. Suitable for RG 59 / 6 / 11 cable. Rotatable head for different cable sizes. Rotatable insert for various types of connector. Adjusting screw for various connector lengths. Applicable among others for compression connectors Kathrein EMK 12; Cablecon F-56 CX3 5.1; Astro FKS 06.

Article No.	Type	L in mm	Application	Suitable for cable type	IMPA
311069	97 40 20	175	F - BNC - RCA	RG59 / 6 / 11	-



### Knipex Electricians Shears 95 05 155 SB

Precision-ground blades with fine serrations for a clean, non-slip cut. Cutting edge with integrated cable cutter. With plastic belt pouch. Handles with multi-component grips, glass fibre reinforced. Universal shears for electricians. Cutting edges made from stainless steel, hardness of cutting edges 56 HRC. Polished head.

Article No.	Type	L in mm	Description	IMPA
312020	97 05 155	155	Universal electricians shears in plastic pouch	-



### Knipex Angled Electricians Shears 95 05 20 SB

Precision-ground blades with fine serrations for a clean, non-slip cut. Adapted to the hand: angled blades and optimised handle design for improved ergonomics. Two crimping areas for wire ferrules of 0.5 - 6 mm<sup>2</sup> and 10 - 25 mm<sup>2</sup>. Includes opening spring and lock for easy storage. Tether attachment point can be used with KNIPEX Tethered Tools System. Cutting edges made from stainless steel, hardness of cutting edges 56 HRC. Polished head. Handles with multi-component grips, glass fibre reinforced plastic. With eye for lanyard attachment.

Article No.	Type	L in mm	Description	IMPA
312021	97 05 20	160	Angled electricians shears	-



### Knipex Shears for KEVLAR® fibres 95 03 160 SB

Only for cutting fibres of KEVLAR® in optical fibre cables, not recommended for other materials. Precisely ground blades with serration prevent the fibres from slipping and guarantee a clean cut. Riveted precision joint, for low-friction movement and smooth and even cutting of the thin KEVLAR® fibres. Hard-chrome-plated, ground surface. Shears body: chrome vanadium electric steel, oil-hardened. User-friendly handles: plastic, impact-proof.

Article No.	Type	L in mm	Description	IMPA
313210	95 03 160	160	Shears for Kevlar	-



### Knipex Control Cabinet Key 00 11 02

For all standard cabinets and shut-off systems. Short version, total length 44 mm. For control cabinets and shut-off systems in the supply of gas, water and electricity. For technical installations in buildings, e.g. air conditioning and ventilation systems, shut-off valves, main switchboards, etc. With bit insert: slot 1.0 x 7 mm and cross recess PH2. With adapter for 1/4" bits chained to key. Additional bit adapter for 1/4" bits inside one profile. Zinc die-casted.

Article No.	Type	L in mm	Description	IMPA
313400	00 11 02	44	Control cabinet key square 6 + 8 mm, triangular 9 mm, double-bit key 3 + 5 mm	-



### Knipex Pen-Style Control Cabinet Key 00 11 07

For all standard cabinets and shut-off systems. Easy to carry pen-style control cabinet key with fastening clip. Four different key profiles can be utilised by swivelling the key holder. For control cabinets and shut-off systems in the supply of gas, water and electricity. For technical installations in buildings, e.g. air conditioning and ventilation systems, shut-off valves, main switchboards, etc. Universal 1/4" bit adapter for standard bits (permanent magnet for retaining). Additional bit adapter for 1/4" bits inside one key profile. With 2 reversible bits: cross recess PH / slot 7.0 x 1.2 mm and TX20 / TX25. Tool body: glass fibre reinforced plastic. Key profiles: zinc die-casted.

Article No.	Type	L in mm	Description	IMPA
313403	00 11 07	145	Control cabinet key square 5 + 6 + 8 mm, triangular 9 mm, double-bit key 3 + 5 mm, TX20 / TX25	-



### Knipex Tools with tethering

Knipex offers a range of tools with tethering and lanyards for safe working on heights. Prevents tools falling down. Ask our product specialists for more information of all possibilities. Info about Knipex Tools can be found also on our website: <https://www.repairmanagement.nl/products/handtools/>

