

12 Universal Insulation Strippers, particularly suitable for Teflon® and solar cables



12 12 02



12 12 06



12 12 11



Model 12 12 02:

- ▶ with additional cable guide for exact positioning of the conductor in the stripping area of the blade

Model 12 12 11:

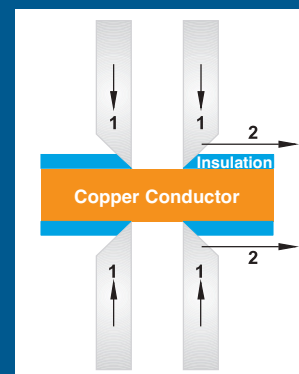
- ▶ for **solar cables** (weather-resistant cable for connecting photovoltaic power generation devices)
- ▶ particularly adjusted to RADOX® insulations of solar cables

- ▶ with new stripping mechanism
- ▶ easy stripping of difficult insulating materials such as Teflon®, silicone, Radox®, Kapton® and rubber as well as multilayered insulations
- ▶ leaves wire undamaged thanks to precision-ground blade shapes; even multi-stranded conductors are stripped gently
- ▶ with length stop for constant stripping length during repetitive work
- ▶ 4 replaceable blades
- ▶ smoothly operating mechanism
- ▶ compact design, lightweight construction
- ▶ high operation comfort thanks to handy shape

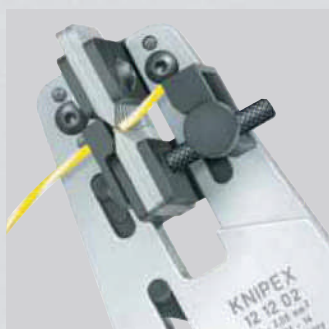
- ▶ with additional cable support facilitating the alignment of multilayered insulated conductors
- ▶ blades adapted to match larger wire cross-sections

KNIPLEX special

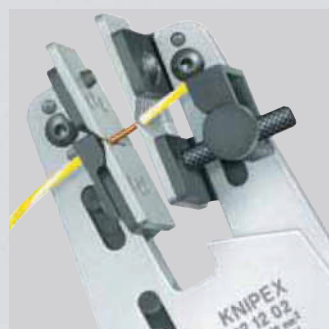
Two pairs of blades (1) cut the insulation to a complete extent. Then the blade pairs move apart, and thus the insulation is removed form-fit (2). The plier opens automatically after the stripping procedure.



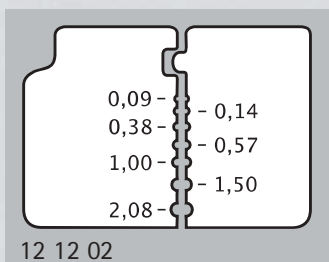
12 12 02 with cable guide and length stop



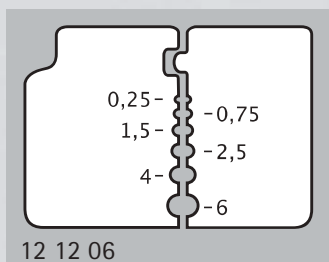
Precise cutting of the insulation to a complete extent



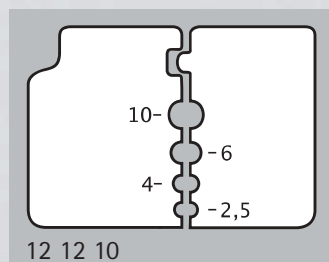
Positive stripping thanks to precise shape of the blades



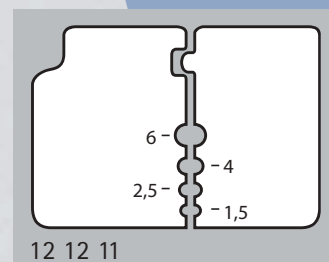
12 12 02



12 12 06



12 12 10



12 12 11

Article-No.	EAN-Code	Head	Handles	Stripping capacities		Length mm	g
				mm²	AWG		
12 12 02	048077	nickel plated	two-colour dual component handles	0.03 - 2.08	32 - 14	195	430
12 12 06	049005	nickel plated	two-colour dual component	0.14 - 6.00	26 - 10	195	430
12 12 10	049012	nickel plated	two-colour dual component	2.50 - 10.00	13 - 7	195	430
12 12 11	062998	nickel plated	two-colour dual component	1.50 - 6.00	15 - 9	195	450
12 19 02	049036	spare blades for 12 12 02					
12 19 06	049043	spare blades for 12 12 06					
12 19 10	049050	spare blades for 12 12 10					
12 19 11	063001	spare blades for 12 12 11					

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Kapton® is a registered trademark of E. I. du Pont de Nemours and Company

Radox® is a registered trademark of Huber & Suhner AG

12 Self-Adjusting Insulation Strippers

patented



12 40 200



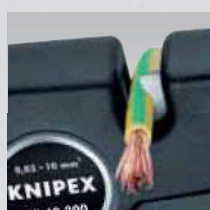
0,03 - 10,0 mm²



Adjustable length stop



Precise stripping prevents damage to the conductor



Wire cutter for multiple strand wire cables up to 10.0 mm²

- ▶ for single, multiple and fine-stranded wire cables with plastic or rubber insulation
- ▶ adjusts automatically to the respective cable cross-section, which prevents damage to the conductor
- ▶ cutting depth can be adjusted for different insulation materials
- ▶ with wire cutter for copper and aluminium wires, multiple strand up to 10 mm² and single strand up to 6 mm²
- ▶ smoothly operating mechanism
- ▶ easily interchangeable blades and plastic jaws
- ▶ low weight
- ▶ body made of tough fibreglass reinforced plastic

special

KNIPEX
KNIPEX Self-Adjusting Insulation Strippers are indispensable for the electrical installation; fast and secure working in a large range of application.

Model 12 40 200:

- ▶ range of application: conductors 0.03 - 10.0 mm²
- ▶ for thin ribbon cables up to 10.0 mm width in a single pass
- ▶ length stop adjustable from 3.0 - 18.0 mm and easily interchangeable

Model 12 50 200:

- ▶ range of application: conductors 2.5 - 16.0 mm²

Article-No.	EAN-	Stripping capacities		Length stop	
Length mm	Code	mm²	AWG	mm	g
12 40 200	026662	0.03 - 10.0	32 - 7	3.0 - 18.0	200
12 49 01	026679	spare blades	for 12 40 200		
12 49 02	026686	spare clamping jaws	for 12 40 200		
12 49 03	026693	spare length stop	for 12 40 200		
12 50 200	034407	2.5 - 16.0	13 - 5		200
12 59 01	034414	spare blades	for 12 50 200		
12 59 02	034421	spare clamping jaws	for 12 50 200		

12 Self-Adjusting Insulation Stripper



12 60 135

- ▶ for single, multiple and fine-stranded wire cables with plastic or rubber insulation of 0.08 - 1.0 mm²
- ▶ adjusts automatically to the respective cable cross-section, which prevents damage to the conductor
- ▶ for thin ribbon cables in a single pass
- ▶ with wire cutter for copper and aluminium wires, multiple strand up to 1.0 mm²
- ▶ length stop adjustable from 2.5 - 7.0 mm

- ▶ easily exchangeable blades
- ▶ smoothly operating mechanism
- ▶ low weight
- ▶ body made of tough fibreglass reinforced plastic

Article-No.	EAN-	Stripping capacities		Length stop	
Length mm	Code	mm²	AWG	mm	g
12 60 135	022169	0.08 - 1.0	28 - 17	2.5 - 7.0	90
12 69 135	022176	spare blades for 12 60 135			



Adjusts automatically to the respective cable cross-section from 0.08 - 1.0 mm²

"Multistrip 10", Self-Adapting Universal Insulation Stripper

patented



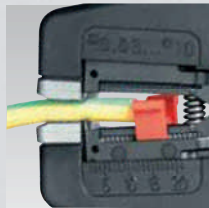
12 42 195



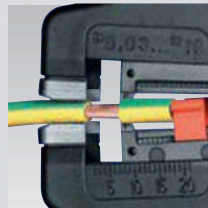
0,03 - 10,0 mm²



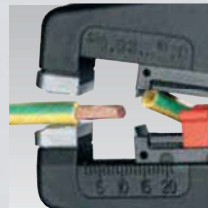
Wire cutter for
multiple stranded wire
cables up to 10.00 mm²



Steel restrain jaws with
cutting edges avoid
skidding of the cable



Precise stripping from
0.03 up to 10.0 mm²



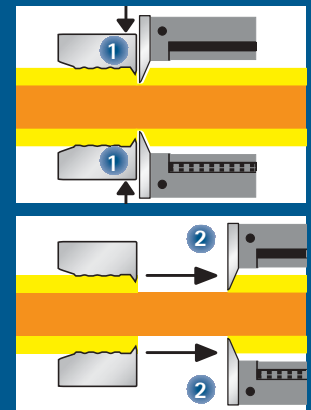
Opens automatically once
the stripping operation is
completed

Article-No.	EAN-	Stripping capacities	ΔΔ
Length	Code		
mm		mm²	AWG
12 42 195	054580	0.03 - 10.0	32 - 7
12 49 21	057581	spare blades block	
12 49 23	057604	spare length stop	
			g
			150

- ▶ fully automated adjustment to different cross-section depending insulation thicknesses throughout the stripping range from 0.03 - 10.0 mm²
- ▶ the so far common fine adjustment of the tool is no longer necessary due to the unique self-infeeding of the cutting depth preventing damage to the conductor
- ▶ the steel-made restrain jaws with integrated cutting edges very often also allow professional stripping of cables with demanding insulating materials like Teflon® and Radox®
- ▶ with wire cutter for copper and aluminium wires, multiple stranded up to 10 mm² and single stranded up to 6 mm²
- ▶ smoothly operating mechanism
- ▶ easily interchangeable screw-on style blades, length stop and restrain jaws with cutting edges
- ▶ body made of tough fibreglass reinforced plastic
- ▶ ergonomic soft compound zone in the handle area for a secure grip

KNIPEX special

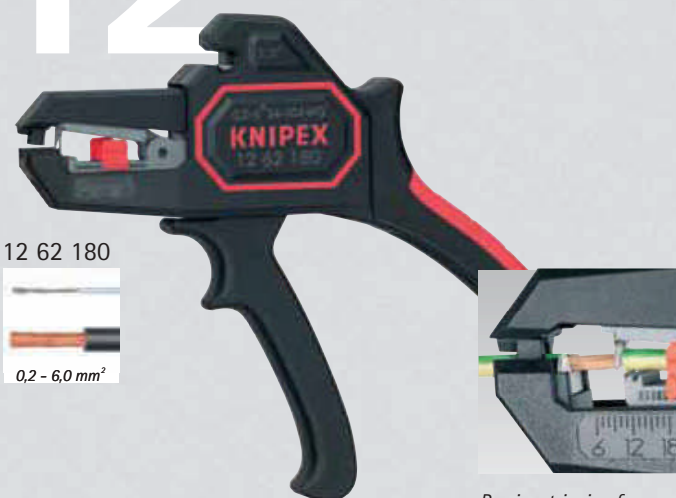
The cutting edges at the steel restrain jaws (1) firmly restrain the insulated cable and avoid skidding. The stripping blades (2) cut to the correct depth and remove the insulation cleanly without any manual adjustment.



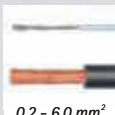
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Radox® is a registered Trademark of Huber & Suhner AG

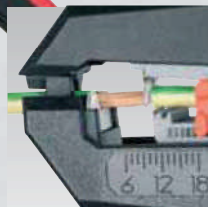
Self-Adjusting Insulation Stripper



12 62 180



0,2 - 6,0 mm²



Precise stripping from
0.2 up to 6.0 mm²

Article-No.	EAN-	Stripping Capacities	ΔΔ
Length	Code		
mm		mm²	AWG
12 62 180	054573	0.2 - 6.0	24 - 10
12 69 21	060093	spare blades	
			g
			180

- ▶ compact standard tool at a favourable price for all current cable cross-sections and insulating materials
- ▶ for single, multiple and fine stranded cables of 0.2 up to 6.0 mm² with standard insulation
- ▶ adjusts automatically to the respective cable cross-section, which prevents damage to the conductor
- ▶ high operation comfort thanks to handy shape and low weight
- ▶ narrow head style for use in confined areas
- ▶ with wire cutter for copper and aluminium wires up to 2.5 mm²
- ▶ with adjustable length stop from 6.0 - 18.0 mm for constant stripping length during repetitive work
- ▶ easily exchangeable blades
- ▶ body made of tough, fibreglass reinforced plastic with ergonomic soft plastic gripping zone in the handle



Wire cutter up to 2.5 mm²



Stripping in confined areas

12 Mini Stripping Tool



12 80 100 SB

- ▶ for stripping thin copper conductors of 0.25 – 0.8 mm dia.
- ▶ precise stripping because of the tool's stepwise adjustment to the conductor's diameter
- ▶ with wire cutter
- ▶ adjustable length stop from 4.0 – 15.0 mm
- ▶ with locking device
- ▶ shock-resistant plastic body

Article-No.	EAN-	Stripping capacities		△
Length mm	Code	Ø mm	AWG	g
12 80 100 SB	043119	0.25 – 0.8	30 – 20	50

12 Wire Stripper for Fibre Optics

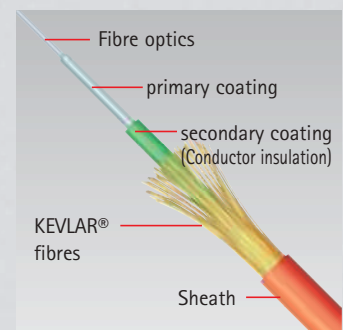


12 82 130 SB

- ▶ to remove primary and secondary coating of fibre optics

Article-No.	EAN-	Head	Handles	Stripping capacities	△
Length mm	Code			Ø mm	g
12 82 130 SB	050094	burnished	with plastic handles	primary coating 0.125, secondary coating 0.25	55

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12 Stripping Tool for Fibre Optics



12 85 100 SB

- ▶ to remove primary coating of fibre optics 0.125 mm dia.
- ▶ blade dia. 0.18 mm, hole for cable feeding 0.30 mm dia.
- ▶ adjustable length stop
- ▶ shock-resistant plastic body

Article-No.	EAN-	Stripping capacities	△
Length mm	Code	Ø mm	g
12 85 100 SB	043126	to remove primary coating of fibre optics 0.125 mm dia.	40



Removes precisely the primary coating from fibre optics

13 Electricians' Pliers



13 01 160



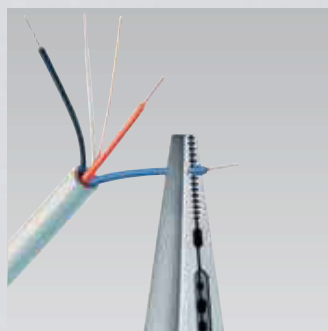
13 02 160



- ▶ the ideal plier for cable work
- ▶ for gripping and bending wire
- ▶ for cutting soft, medium and hard wire
- ▶ precision cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC
- ▶ with precision stripping holes
- ▶ for crimping end sleeves (ferrules)
- ▶ high grade special tool steel, oil-hardened and tempered

Model 13 01 614:

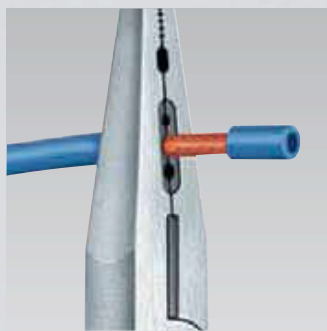
- ▶ for AWG 10/12/14



Gripping



Cutting



Stripping



Crimping

Article-No.	EAN-	Head	Handles	Stripping capacities		
Length mm/Zoll	Code 4003773-			mm ²	AWG	g
13 01 160	010210	polished	plastic coated	0.5-0.75/1.5/2.5		110
13 01 614	040231	polished	plastic coated		10/12/14	110
13 02 160	010470	polished	with two-colour dual component handles	0.5-0.75/1.5/2.5		150

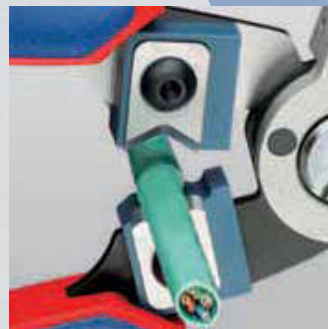
13 Universal Pliers for Data Cable, STP



13 72 160 SB

- ▶ for cutting the whole cable, the single conductor, the shield and the plastic core
- ▶ steel point at the joint for longitudinal scratching of the shield foil
- ▶ prismatic blades below the joint for dismantling the cables
- ▶ special tool steel, oil-hardened

Article-No.	EAN-	Head	Handles	
Length mm	Code 4003773-			g
13 72 160 SB	052319	burnished	with two-colour dual component handles	80



Smooth and clean dismantling of data cables

14 Diagonal Insulation Strippers



14 22 160



14 26 160

- ▶ the essential plier for electrical installation work
- ▶ precision stripping holes for single (solid) conductors of 1.5 and 2.5 mm²
- ▶ induction hardened precision blades for soft wire up to 4.0 mm dia., cutting edge hardness approx. 60 HRC
- ▶ Vanadium electric steel, oil-hardened and tempered

Article-No.	EAN-Code	Head	Handles	Stripping capacities		
Length mm	4003773-			mm ²	AWG	g
14 22 160	034988	polished	with two-colour dual component handles	1.5 + 2.5	15 + 13	205
14 26 160	040279	chrome plated	insulated with two-colour dual component handles 1000V IBC / DIN EN 60 900 VDE-tested	1.5 + 2.5	15 + 13	210



Multi-functional:
cutting and stripping

15 Coated-Wire Stripping Tweezers



15 11 120

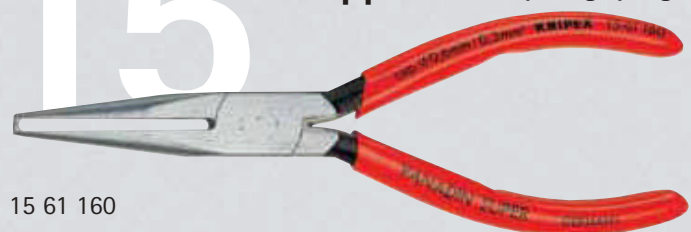
- ▶ for stripping off varnished insulation on copper wires
- ▶ blades for other wire diameters available as spare parts
- ▶ tweezers body made of spring steel
- ▶ plastic laminated handles

Article-No.	EAN-Code	Handles	Stripping capacities	
Length mm	4003773-		ø mm	g
15 11 120	015550	plastic laminated handles	0.6	35
spare blades			for wires:	
15 19 005	021551		0.5	
006	021568		0.6	
008	021575		0.8	
010	021582		1.0	



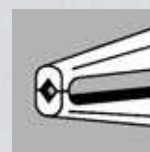
Precisely milled blades
for clean stripping

15 Insulation Strippers with opening spring



15 61 160

- ▶ for stripping thin wires
- ▶ accurate boring to match diameter of wire, precise stripping prism, non-adjustable
- ▶ with opening spring
- ▶ special tool steel, oil-hardened and tempered



Article-No.	EAN-Code	Style	Head	Handles	Stripping capacities	
Length mm	4003773-				ø mm	g
15 51 160	015567	WWWW	polished	plastic coated	0.5	110
15 61 160	014843	WWWW	polished	plastic coated	0.6	110
15 81 160	015574	WWWW	polished	plastic coated	0.8	110

16 Dismantling Tools



16 20 16 SB



16 20 165 SB

- ▶ for stripping all common round cables
- ▶ self-cocking holding lever
- ▶ with adjusting screw for cutting depth adaptation
- ▶ turnable blade for circular and longitudinal cutting
- ▶ spare blade inside the handle
- ▶ impact resistant plastic body made of wear-resistant polyamide
- ▶ secure grip due to soft component material on handle and holding lever to avoid slipping

Model 16 20 16 SB:

- ▶ for cables from 4.0 up to 16.0 mm dia.

Model 16 20 165 SB

- ▶ with knife and hook blade inclusive protective cap
- ▶ for cables from 8.0 up to 28.0 mm dia.

Model 16 20 28 SB:

- ▶ for cables from 8.0 up to 28.0 mm dia.



Self-turning drag blade
for comfortable dismantling

Article-No.	EAN-Code	Handles	Stripping capacities			
			Length mm	Length mm	Length mm	g
16 20 16 SB	060451	shock-resistant plastic body	4.0 - 16.0	3/16 - 5/8	130	80
16 20 165 SB	043133	shock-resistant plastic body	8.0 - 28.0	5/16 - 1 1/8	165	100
16 20 28 SB	060468	shock-resistant plastic body	8.0 - 28.0	5/16 - 1 1/8	130	80
16 29 165	043140	spare blade				

16 Dismantling Tool



16 30 135 SB

- ▶ for dismantling round PVC, rubber, silicone, PTFE cables from 6.0 - 29.0 mm dia.
- ▶ self-cocking holding lever
- ▶ with knurled nut for cutting depth adjustment
- ▶ changing from circular to longitudinal cutting by turning the tool body
- ▶ spiral cutting for longer stripping areas
- ▶ shock-resistant plastic body
- ▶ exchangeable blade



Adjustable cutting depth
for precise dismantling

Article-No.	EAN-Code	Handles	Stripping capacities			
			Length mm	Length mm	Length mm	g
16 30 135 SB	026907	shock-resistant plastic body	6.0 - 29.0	15/64 - 1 9/64	115	
16 39 135	027317	spare blade				

16 Dismantling Tool



16 40 150

- ▶ for dismantling round cables exceeding 25.0 mm dia.
- ▶ removes all kinds of insulation layers
- ▶ suitable for longitudinal and circular cutting
- ▶ cutting depth can be adjusted up to 5 mm
- ▶ replaceable blade (both sides can be used)

- ▶ tool body made of fibreglass reinforced polyamide



Adjustable cutting depth

Article-No.	EAN-Code	Handles	Stripping capacities		
			Length mm	Code	Weight g
16 40 150	026709	fibreglass reinforced polyamide	150	4003773-	210
16 49 150	026716	spare blade			



Setting the tool for longitudinal cut



Longitudinal cut



Turning the tool for circular cut



Circular cut

16 Coax-Stripping Tool



16 60 05 SB

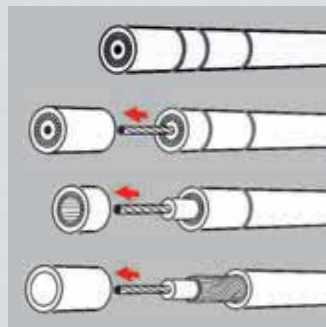


- ▶ for stripping Coax-cables (RG 58, RG 59 and RG 62)
- ▶ for stripping outer sheath, shield and dielectricum in one operating cycle
- ▶ with three built-in blades
- ▶ the cutting depth of each blade can be adjusted individually by means of a hexagonal key (Allen key)
- ▶ the blade spacing remains constant
- ▶ tool body made of plastic



3 stripping steps in one operation

Article-No.	EAN-Code	Handles	Stripping capacities		
			Cabel	Length mm	Weight g
16 60 05 SB	044888		RG 58, RG 59 and RG 62	105	65



Dismantling of a Coax-cable in three steps

16 Coax-Stripping Tool

16 60 100 SB

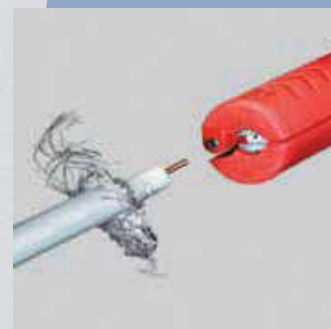


- ▶ for dismantling and stripping all common Coax-cables between 4.8 – 7.5 mm dia. (e. g. for TV- and satellite antenna), also suitable for PVC round cable 3 x 0.75 mm²
- ▶ with linear scale 5.0 – 20.0 mm
- ▶ double shell, folding back stripping tool
- ▶ with opening spring and locking lever
- ▶ tool body made of fibreglass reinforced polyamide

Article-No.	EAN-	Stripping capacities			△△
Length mm	Code 4003773-	ø mm	ø Inch	g	
16 60 100 SB	040811	4.8 – 7.5	5/32 – 19/64	35	
		round cables 3 x 0.75 mm ²			



Dismantling a Coax-cable
4.8 – 7.5 mm Ø



Stripping the conductor of a Coax-cable



Stripping of UTP/STP data cables
between 5.0 – 15.0 mm dia.

16 Stripping Tool for Data Cable

16 65 125 SB



- ▶ for dismantling UTP + STP data cable between 5.0 and 15.0 mm dia.
- ▶ double shell, folding back stripping tool
- ▶ with opening spring and locking lever
- ▶ practical clip for safe transport
- ▶ tool body made of fibreglass reinforced polyamide

Article-No.	EAN-	Types of cables	Stripping capacities			△△
Length mm	Code 4003773-		ø mm	ø Inch	g	
16 65 125 SB	043157	UTP + STP	5.0 – 15.0	13/64 – 19/32	65	

16 Universal Stripping Tools

16 80 125 SB



- ▶ for dismantling and stripping all common round and damp-proof installation cables between 8.0 – 13.0 mm dia. (e. g. 3 x 1.5 mm² up to 5 x 2.5 mm²)
- ▶ also for use in conduit and distribution boxes
- ▶ double shell, folding back stripping tool
- ▶ with opening spring and locking lever
- ▶ practical clip for safe transport
- ▶ tool body made of fibreglass reinforced polyamide

Model 16 85 125 SB:

- ▶ with additional blade for longitudinal cuts
- ▶ telescopic blade inside
- ▶ stripping device for cross-sections 0.2/0.3/0.8/1.5/2.5/4.0 mm²



Stripping of round cables between
8.0 – 13.0 mm dia.

16 85 125 SB

Article-No.	EAN-	Types of cables	Stripping capacities		Stripping capacities for cross-sections	△△
Length mm	Code 4003773-		ø mm	Ø Inch	mm ²	g
16 80 125 SB	040828	round cables (3 x 1,5 mm ² up to 5 x 2,5 mm ²)	8,0 – 13,0	5/16 – 33/64		65
16 85 125 SB	060444				0,2/0,3/0,8/1,5/2,5/4,0	90



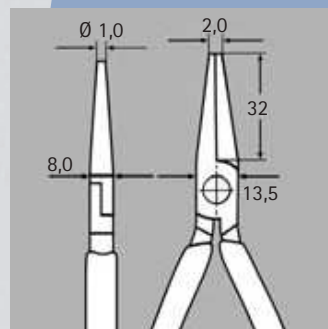
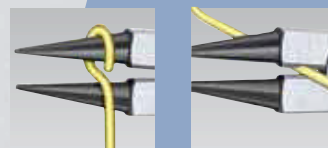
19

19 Jewellers Pliers, Round Nose Pliers



19 01 130

- ▶ for fine wire and jewellery work
- ▶ ideal for cutting and bending work, e. g. in electronics
- ▶ for forming wire loops
- ▶ precision ground round jaws with fine, pointed tips
- ▶ cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC
- ▶ Vanadium steel, oil-hardened and tempered



Article-No.	EAN-	Head	Handles	
Length mm	Code 4003773-			g
19 01 130	014478	polished	plastic coated	70
19 03 130	014348	chrome plated	plastic coated	70

20

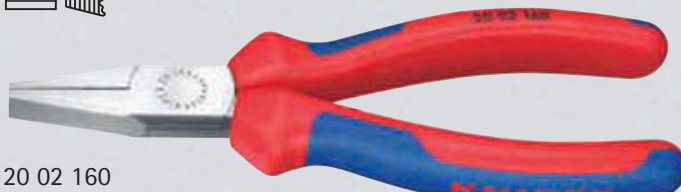
20 Flat Nose Pliers

DIN ISO 5745

- ▶ short, flat jaws
- ▶ serrated gripping surfaces
- ▶ special tool steel, oil-hardened and tempered



20 01 160



20 02 160



20 06 160

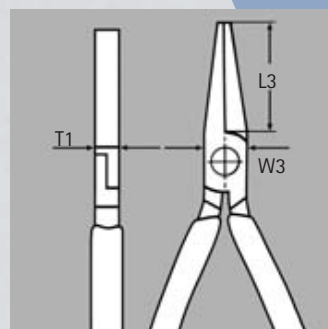


20 05 160



Article-No.	EAN-	Head	Handles	Dimensions			ᐅᐅ	
Length mm	Code 4003773-			L3 mm	W3 mm	T1 mm	g	
20 01	125	014447	polished	plastic coated	27.0	14.5	8.0	80
	140	014454			28.0	15.5	9.5	110
	160	015017			30.0	17.0	9.5	140
	180	015666			35.0	19.0	10.0	190
	200	015673			38.0	21.0	12.0	275
20 02	140	043386	polished	with two-colour	28.0	15.5	9.5	145
	160	035008			dual component handles	30.0	17.0	9.5
20 05	140	042464	chrome	with two-colour	28.0	15.5	9.5	145
	160	042457	plated	dual component handles	30.0	17.0	9.5	170
20 06	160	033783	chrome	insulated with two-colour	30.0	17.0	9.5	175
			plated	dual component handles				
⚡ 1000 V ⚡ VDE-tested								

1000 V IEC/DRI EN 60900 VDE-tested



22 Round Nose Pliers

DIN ISO 5745

- ▶ for forming wire loops
- ▶ precision ground, short, round jaws
- ▶ smooth tips
- ▶ special tool steel, oil-hardened and tempered



22 01 160
8



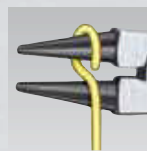
22 02 160
8



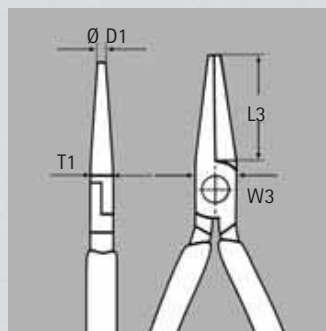
22 05 160
8



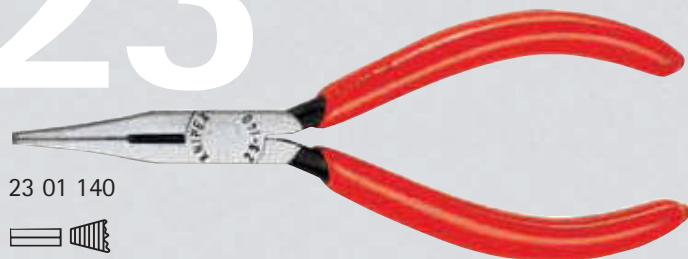
22 06 160
8



Article-No.	Length mm	EAN- Code 4003773-	Head	Handles	Dimensions				g
					L3 mm	W3 mm	D1 Ø mm	T1 mm	
22 01	125	014461	polished	plastic coated	27.0	14.5	2.0	8.0	70
	140	013013			28.0	16.5	2.5	9.5	100
	160	015024			30.0	18.0	3.0	9.5	140
	180	015819			35.0	21.0	3.5	10.5	180
22 02	140	043430	polished	with two-colour dual component handles	28.0	16.5	2.5	9.5	135
	160	023173			30.0	18.0	3.0	9.5	165
22 05	140	042891	chrome plated	with two-colour dual component handles	28.0	16.5	2.5	9.5	135
	160	042907			30.0	18.0	3.0	9.5	165
22 06	160	033790	chrome plated	insulated with two-colour dual component handles	30.0	18.0	3.0	9.5	170
22 07	160	015901	chrome plated	plastic dipped insulated 1000 V VDE-tested	30.0	18.0	3.0	9.5	205



23 Flat Nose Pliers with cutting edges, Precision Mechanics Pliers

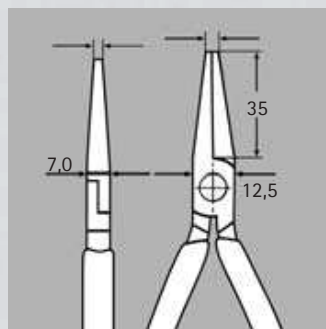


23 01 140
8

- ▶ suitable for gripping and cutting work in precision mechanics
- ▶ long, tapering jaws
- ▶ serrated gripping surfaces
- ▶ with cutting edges for soft wire 2.5 mm dia. and medium hard wire 1.6 mm dia.
- ▶ cutting edges additionally induction hardened, cutting edge hardness approx. 60 HRC

- ▶ high grade special tool steel, oil-hardened and tempered

Article-No.	Length mm	EAN- Code 4003773-	Head	Handles	g
23 01	140	015918	polished	plastic coated	65



25

25 Snipe Nose Side Cutting Pliers, Radio Pliers

DIN ISO 5745

- suitable for gripping and cutting work in precision mechanics
- pointed, half-round jaws
- serrated gripping surfaces
- with cutting edges for medium hard and hard wire
- cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- high grade special tool steel, oil-hardened and tempered

Style 0:

- straight jaws

Style 1:

- 40° bent jaws

25 01 160



Style 0: straight jaws

25 02 160



Style 0: straight jaws

25 06 160

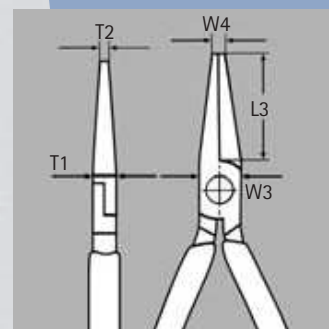


Style 0: straight jaws

25 26 160



Style 2: 40° bent jaws



Article-No.	EAN-Code	Style	Head	Handles	Cutting capacities		Dimensions					g
					$\varnothing$ mm	$\varnothing$ mm	L3	W3	T1	W4	T2	
	Length mm	Code 4003773-					mm	mm	mm	mm	mm	
25 01 125	015932	0	polished	plastic coated	2.2	1.6	27.0	13.0	7.0	2.5	1.8	70
140	013082				2.5	1.6	42.0	15.0	8.0	2.5	2.0	90
160	013099				2.5	1.6	50.0	16.5	9.5	3.0	2.5	115
25 02 140	023159		polished	with two-colour dual component handles	2.5	1.6	42.0	15.0	8.0	2.5	2.0	110
160	023166				2.5	1.6	50.0	16.5	9.5	3.0	2.5	145
25 03 125	015956		chrome plated	plastic coated	2.2	1.6	27.0	13.0	7.0	2.5	1.8	70
160	014492	2	chrome plated	plastic coated	2.5	1.6	50.0	16.5	9.5	3.0	2.5	115
25 05 140	035015		chrome plated	with two-colour dual component handles	2.5	1.6	42.0	15.0	8.0	2.5	2.0	110
160	022817		chrome plated	dual component handles	2.5	1.6	50.0	16.5	9.5	3.0	2.5	145
25 06 160	033806		chrome plated	insulated with two-colour dual component handles	2.5	1.6	50.0	16.5	9.5	3.0	2.5	150
				VDE-tested								
25 21 160	015994		polished	plastic coated	2.5	1.6	50.0	16.5	9.5	3.0	2.5	115
25 25 160	016007		chrome plated	with two-colour dual component handles	2.5	1.6	50.0	16.5	9.5	3.0	2.5	145
25 26 160	052111		chrome plated	insulated with two-colour dual component handles	2.5	1.6	50.0	16.5	9.5	3.0	2.5	150
				VDE-tested								

40°

26

26 Chain Nose Side Cutting Pliers, Stork Beak Pliers

DIN ISO 5745

- ▶ high loadable, elastic precision points
- ▶ half-round, long jaws
- ▶ serrated gripping surfaces
- ▶ with cutting edges for medium hard wire max. dia. 3.2 mm and hard wire max. dia. 2.2 mm
- ▶ cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- ▶ Vanadium steel, oil-hardened and tempered

26 12 200



Style 1: straight jaws

26 15 200



Style 1: straight jaws

26 22 200



Style 2: 40° bent jaws

26 26 200



Style 2: 40° bent jaws

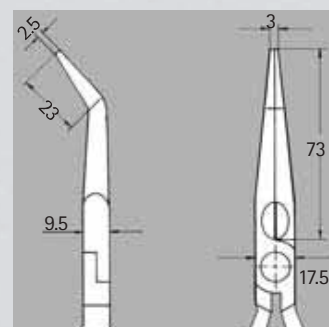
Article-No.	EAN-Code	Style	Head	Handles	g
Length mm	4003773-				
26 11 200	013105	1	polished	plastic coated	170
26 12 200	023142		polished	with two-colour dual component handles	200
26 13 200	016038		chrome plated	plastic coated	170
26 15 200	035022		chrome plated	with two-colour dual component handles	200
26 16 200	022831		chrome plated	insulated with two-colour dual component handles ⚡ 1000 V VDE-tested	205
26 17 200	016069		chrome plated	plastic dipped insulated ⚡ 1000 V VDE-tested	225
26 21 200	013112	2	polished	plastic coated	170
26 22 200	023135		polished	with two-colour dual component handles	200
26 23 200	016076		chrome plated	plastic coated	170
26 25 200	035039		chrome plated	with two-colour dual component handles	200
26 26 200	022855		chrome plated	insulated with two-colour dual componentsleeves ⚡ 1000 V VDE-tested	205
26 27 200	016090	40°	chrome plated	plastic dipped insulated ⚡ 1000 V VDE-tested	225

special

KNIPEX
KNIPEX Snipe Nose Side Cutting Pliers (Stork Beak Pliers) are forged from Vanadium steel and carefully hardened. The slim precision tips withstand high demands, particularly bending loads.

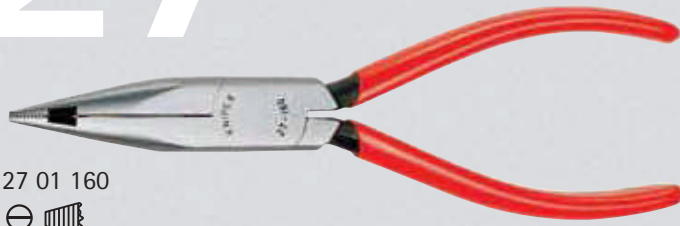


High loadable elastic precision tips



27

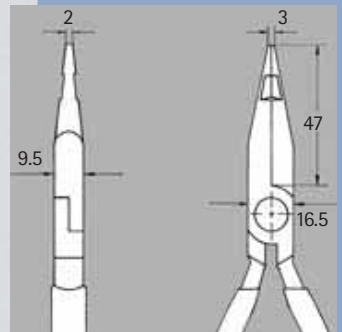
27 Telephone Pliers, with center cutter



27 01 160



- ▶ grips and separates single wires in cable trees
- ▶ with center cutter for soft wire
- ▶ half-round jaws
- ▶ serrated gripping surfaces
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered



Article-No.	EAN-	Head	Handles	
Length mm	Code 4003773-			g
27 01 160	016106	polished	plastic coated	120

28

28 Assembly Pliers



28 01 200



Style 0: flat, wide jaws



28 21 200



Style 2: half-round jaws

- ▶ specially suitable for gripping adjusting and assembly work with a higher prehensile power
- ▶ serrated gripping surfaces
- ▶ special tool steel, oil-hardened and tempered

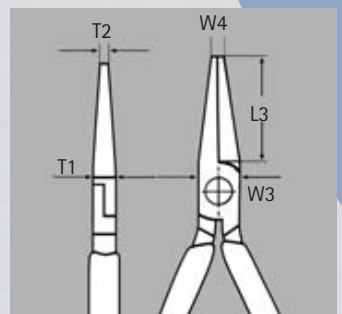
Style 0:

- ▶ flat, wide jaws

Style 2:

- ▶ half-round jaws

Article-No.	EAN-	Style	Head	Handles	Dimensions	
Length mm	Code 4003773-				L3 W3 T1 W4 T2	g
28 01 200	013020	0	polished	plastic coated	33.0 13.5 10.5 4.0 10.5	200
28 03 200	016144		chrome plated	plastic coated	33.0 13.5 10.5 4.0 10.5	200
28 21 200	028246	2	polished	plastic coated	34.0 13.5 10.5 3.0 3.0	190



29 Telephone Pliers without side cutter

DIN ISO 5745

- ▶ gripping surfaces cross cut
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered

Style 1:

- ▶ flat, wide jaws

Style 2:

- ▶ half-round jaws
- ▶ extra slim, fine tips; also suitable for soldering work

29 11 160



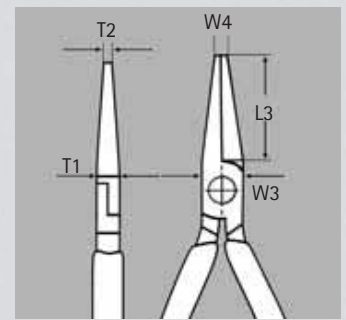
Style 1: flat, wide jaws

29 25 160



Style 2: half-round jaws

Article-No.	EAN-	Style	Head	Handles	Dimensions				
					L3	W3	T1	W4	T2
					mm	mm	mm	mm	mm
29 11 160	016175	1	polished	plastic coated	55.0	14.0	8.0	2.5	8.5
29 21 160	016199	1	polished	plastic coated	54.0	14.0	9.0	2.0	2.0
29 25 160	043478	2	chrome plated	with two-colour dual component handles	54.0	14.0	9.0	2.0	2.0



31 Grab Pliers, Needle Nose Pliers

- ▶ precision pliers for very exact assembly, bending and adjusting work
- ▶ with extra long jaws: length of jaws 55.0 mm
- ▶ smooth ground gripping surfaces
- ▶ edges carefully deburred
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered

Style 1:

- ▶ straight jaws

Style 2:

- ▶ 45° bent jaws

31 11 160



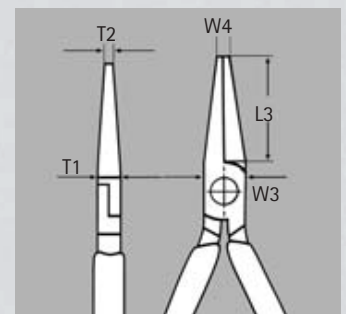
Style 1: straight jaws

31 25 160



Style 2: 45° bent jaws

Article-No.	EAN-	Style	Head	Handles	Dimensions				
					L3	W3	T1	W4	T2
					mm	mm	mm	mm	mm
31 11 160	016441	1	polished	plastic coated	55.0	15.0	7.5	2.0	2.5
31 15 160	016465	1	chrome plated	with two-colour dual component handles	55.0	15.0	7.5	2.0	2.5
31 21 160	013075	2	polished	plastic coated	55.0	15.0	7.5	2.0	2.5
31 25 160	016489	2	chrome plated	with two-colour dual component handles	55.0	15.0	7.5	2.0	2.5



30

30 Long Nose Pliers, without side cutter

DIN ISO 5745

- ▶ heavy duty and wear resisting
- ▶ different jaw styles
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered

30 11 160



Style 1: long, trapezoidal jaws
serrated gripping surfaces



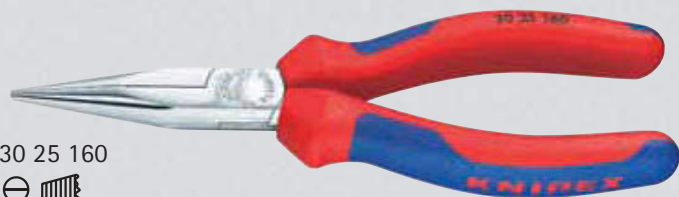
Style 1:

- ▶ long, trapezoidal jaws
- ▶ serrated gripping surfaces

30 25 160



Style 2: long, half-round jaws
serrated gripping surfaces



Style 2:

- ▶ long, half-round jaws
- ▶ serrated gripping surfaces

30 36 160



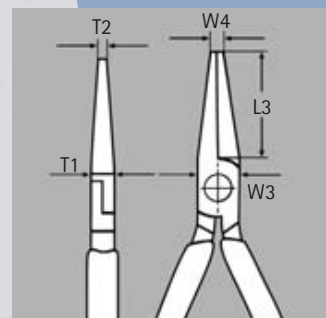
Style 3: long, round jaws
smooth gripping surfaces



Style 3:

- ▶ long, round jaws
- ▶ smooth gripping surfaces

Article-No.	EAN-	Style	Head	Handles	Dimensions					
Length	Code				L3	W3	T1	W4	T2	g
mm	4003773-				mm	mm	mm	mm	mm	
30 11 140	013037	1	polished	plastic coated	42.0	15.0	8.0	2.5	4.0	90
160	013044				46.5	16.5	9.5	3.0	5.0	120
190	013051				50.0	18.5	8.0	3.0	7.0	140
30 13 140	016298		chrome plated	plastic coated	42.0	15.0	8.0	2.5	4.0	90
160	016304				46.5	16.5	9.5	3.0	5.0	120
30 15 140	042914		chrome plated	with two-colour dual component handles	42.0	15.0	8.0	2.5	4.0	110
160	035046				46.5	16.5	9.5	3.0	5.0	150
190	001881				50.0	18.5	8.0	3.0	7.0	175
30 16 160	001904		chrome plated	insulated with two-colour dual component handles 1000 V VDE-tested	46.5	16.5	9.5	3.0	5.0	155
30 21 140	016328	2	polished	plastic coated	42.0	15.0	8.0	2.5	2.0	95
160	016335				50.0	16.5	9.5	3.0	2.5	125
190	016366				50.0	18.5	8.0	3.0	2.4	145
30 23 140	016373		chr. plated chrome plated	plastic coated with two-colour dual component handles	42.0	15.0	8.0	2.5	2.0	95
30 25 140	001980				42.0	15.0	8.0	2.5	2.0	115
160	035060				50.0	16.5	9.5	3.0	2.5	155
190	043515				50.0	18.5	8.0	3.0	2.4	180
30 31 140	016397	3	polished	plastic coated	37.5	15.0	8.0	4.0	2.0	85
160	013006				41.0	16.5	9.5	5.0	2.5	110
30 33 160	016434		chrome pl. chrome plated	plastic coated with two-colour dual component handles	41.0	16.5	9.5	5.0	2.5	110
30 35 140	043102				37.5	15.0	8.0	4.0	2.0	105
160	035084				41.0	16.5	9.5	5.0	2.5	140
30 36 160	002123		chrome plated	insulated with two-colour dual component handles 1000 V VDE-tested	41.0	16.5	9.5	5.0	2.5	145



32

32 Relay Adjusting Pliers



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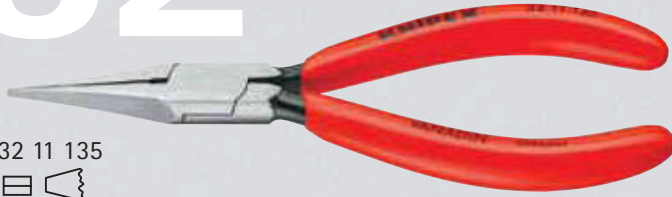
DIN 5235

- for gripping components and wires of the smallest diameters and for bending contact and relay springs
- polished gripping surfaces
- edges carefully deburred
- Chrome Vanadium electric steel, oil-hardened and tempered

32 11 135



Style 1: flat, concave and pointed jaws



Style 1:

- flat, concave and pointed jaws

Style 2:

- flat, wide jaws

32 21 135



Style 2: flat, wide jaws



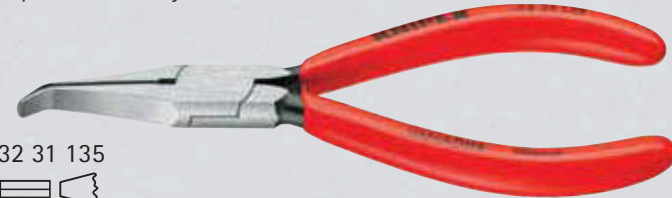
Style 3:

- 40° bent, flat, concave and trapezoidal jaws

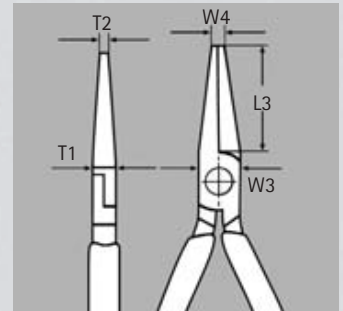
32 31 135



Style 3: 40° bent, flat, concave and trapezoidal jaws



Article-No.	EAN-	Style	Head	Handles	Dimensions					⚠
Length mm	Code 4003773-				L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	g
32 11 135	016496	1 	polished	plastic coated	34.0	12.5	7.0	1.4	1.5	75
32 21 135	016533	2 	polished	plastic coated	34.0	12.5	7.0	1.4	3.5	75
32 23 135	016557		chrome plated		34.0	12.5	7.0	1.4	3.5	75
32 31 135	016588	3 ∠40°	polished	plastic coated	32.0	12.5	7.0	1.4	3.5	75

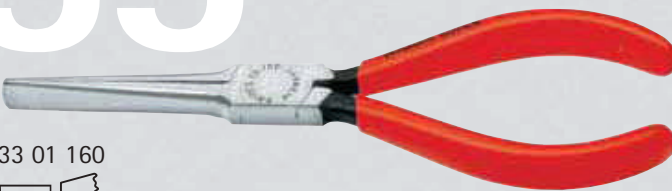
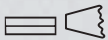


33

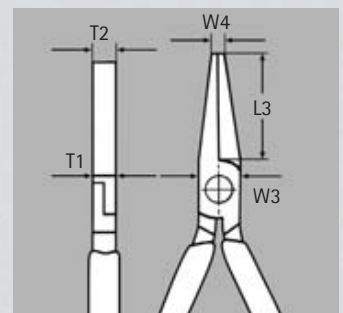
33 Duckbill Pliers

- duckbill shaped jaws 9 mm wide at the tip and tapering to 1.5 mm thickness
- smooth gripping surfaces
- Chrome Vanadium electric steel, oil-hardened and tempered

33 01 160



Article-No.	EAN-	Head	Handles	Dimensions					⚠
Length mm	Code 4003773-			L3 mm	W3 mm	T1 mm	W4 mm	T2 mm	g
33 01 160	016663	polished	plastic coated	55.0	15.0	7.5	3.0	9.0	110
33 03 160	016670	chr. plated	plastic coated	55.0	15.0	7.5	3.0	9.0	110



34 Precision Electronics Gripping Pliers, with ground screw joint



34 12 130



Style 1: flat, wide jaws



34 22 130



Style 2: half-round jaws



34 12 130 ESD



Style 1: flat, wide jaws



34 32 130 ESD



Style 3: round, pointed jaws



- ▶ the assortment for highest standard of performance and results
- ▶ precision pliers for ultra fine assembly work, e. g. in electronics and fine mechanics
- ▶ for gripping, holding and bending
- ▶ joint with screw: precise, zero-backlash operation of pliers
- ▶ precisely finished joint surfaces for smooth, low friction movement along the complete opening range
- ▶ low-friction double spring for gentle and even opening
- ▶ smooth ground gripping surfaces, edges carefully deburred
- ▶ non-reflective finish
- ▶ low weight
- ▶ ergonomically shaped, two-colour dual component handles; blue/grey
- ▶ high quality ball bearing steel, forged

ESD version:

- ▶ electrically discharging version - dissipative
- ▶ two-colour dual component handles; black/grey

Style 1:

- ▶ flat, wide jaws

Style 2:

- ▶ half-round jaws

Style 3:

- ▶ round, pointed jaws



34 12 130: location of electronic components in a vertical direction



34 22 130: positioning of components in electronics



34 22 130: half-round tips for bending and forming



Greater contact at the ball of the thumb



00 20 16 P

Article-No.	EAN-Code	Style	Dimensions					Length	g
			B	A	D	E	F		
			mm	mm	mm	mm	mm	mm	
34 12 130	061458	1	19,0	11,0	6,5	1,5	3,5	135	60
34 12 130 ESD	061632		19,0	11,0	6,5	1,5	3,5	135	60
34 22 130	061472	2	19,0	11,0	6,5	1,5	1,5	135	60
34 22 130 ESD	061656		19,0	11,0	6,5	1,5	1,5	135	60
34 32 130	061496	3	21,0	11,0	6,5	2,0	1,0	135	60
34 32 130 ESD	061670		21,0	11,0	6,5	2,0	1,0	135	60

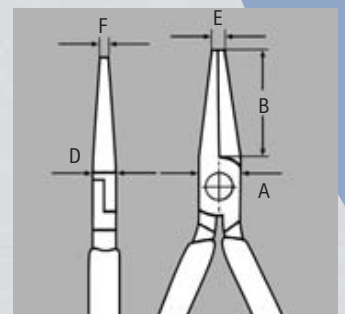
spezial

KNIPEX

In the design of KNIPEX Electronics Pliers for gripping and cutting ergonomic criteria have been given particular attention. The ergonomics of the two-colour dual component handles were optimised to suit the motion sequence during precision work. The shape and material chosen allow a secure grip and fatigue reduced work. The strain on the hand is distributed over a larger surface and reduces pressure accordingly. The user still retains the sense for the work on the workpiece.



When using pliers on components endangered by electrostatic discharge (ESDs – electro static discharge sensitive devices) relevant regulations and standards (e. g. IEC TR 61340-5, DIN EN 61340-5, SP Method 2472) require a controlled discharge of electric energy through the handles of such pliers. The KNIPEX Electronics Pliers in ESD version discharge the electrostatic energy correspondingly slowly and under control to protect endangered components.



35 Electronics Pliers



DIN ISO 9655

- ▶ precision pliers for ultra fine assembly work, e. g. in electronics and fine mechanics
- ▶ for gripping, holding and bending
- ▶ precision box joint
- ▶ smooth ground gripping surfaces
- ▶ edges carefully deburred
- ▶ low-friction double spring for gentle and even opening
- ▶ the polish or mirror polish (only finish 2) together with a fine film of oil offer the best possible rust protection – no circuit faults caused by peeling chrome from plated tools
- ▶ special tool steel, oil-hardened and tempered

35 12 115



Style 1: flat, wide jaws



35 22 115



Style 2: half-round jaws



35 32 115



Style 3: round, pointed jaws



35 52 145



Style 5: long, trapezoidal jaws



35 72 145



Style 7: round, long jaws



35 42 115



Style 4: 45° bent, half-round jaws



35 62 145



Style 6: half-round, long jaws



35 82 145



Style 8: 45° bent, half-round, long jaws



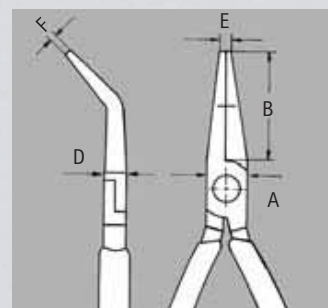
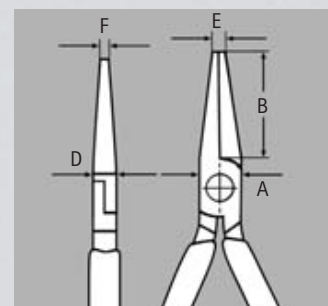
special

KNIPLEX

In the design of KNIPLEX Electronics Pliers for gripping and cutting ergonomic criteria have been given particular attention. The result is a comfortable and user friendly adaption of the plier to the human hand.



00 20 16



Article-No.	EAN-Code 4003773-	Style	Head	Handles	Dimensions					g
					B	A	D	E	F	
35 11 115	016694	1	polished	plastic coated	22.5	9.5	6.5	2.0	4.0	60
35 12 115	035107	1	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	4.0	75
35 21 115	016724	2	polished	plastic coated	22.5	9.5	6.5	2.0	1.5	55
35 22 115	035114	2	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.5	70
35 31 115	016762	3	polished	plastic coated	22.5	9.5	6.5	2.0	1.0	50
35 32 115	035121	3	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.0	60
35 42 115	040736	4	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.5	75
35 52 145	039389	5	mirror polished	with two-colour dual component handles	40.0	12.0	7.5	1.5	4.0	105
35 62 145	039556	6	mirror polished	with two-colour dual component handles	40.0	12.0	7.5	2.5	1.5	95
35 72 145	043607	7	mirror polished	with two-colour dual component handles	40.0	12.0	7.5	2.5	1.3	90
35 82 145	039396	8	mirror polished	with two-colour dual component handles	35.0	12.0	7.5	2.5	1.0	95