

50

50 Carpenters Pincers

DIN ISO 9243

- › for heaviest duty
- › specially favoured by craftsmen due to precision workmanship
- › extreme wear resistance and good balance
- › special tool steel, oil-hardened and tempered



50 01 225

Part No.	Head	Handles	Weight
Length mm			g
50 01 130	polished	plastic coated	140
160			225
180			325
210			415
225			435
250			600
300			900



51

51 Carpenters Pincers with striking face

DIN ISO 9243

- › with striking face for driving in nails
- › special tool steel, oil-hardened and tempered



51 01 210

Part No.	Head	Handles	Weight
Length mm			g
51 01 210	polished	plastic coated	425



Multi-functional: driving in and pulling nails

58

58 Potters Pincers, Brick Pincers

- › for pottery work
- › with wire cutter for soft wire
- › special tool steel, oil-hardened and tempered



58 30 225

Part No.	Head	Handles	Head Width	Weight
Length mm			mm	g
58 30 225	polished	black atramentized	20	350

99 Concretors Nippers, Tower Pincers/Steel Fixers Nippers

DIN ISO 9242

- › to twist and cut wire in one operation: fast, reliable and economical
- › unobtained precision and long service life make these the most widely purchased concretors nippers in the world
- › special tool steel, oil-hardened and tempered



99 01 220

Part No.	Head	Handles	Weight
Length mm			g
99 01 200	polished	plastic coated	250
220			340
250			425
280			485
300			555

99 High Leverage Concretors Nippers, high lever transmission

DIN ISO 9242

- › to twist and cut thicker wire in one operation: fast, reliable and economical
- › very slim shape for tying submerged positioned steel rods
- › cutting capacity: binding wire up to max. 4.5 mm dia.
- › particularly high cutting capacity with minimum effort due to optimum transmission ratio
- › high damping of the cutting stroke after cutting the binding wire, which reduces strain on tendons and muscles
- › special tool steel, oil-hardened and tempered



99 11 300



99 14 300

Part No.	Head	Head width	Handles	Capacity	Weight
Length mm		mm		Ø mm	g
99 11 300	polished	25	plastic coated	4.5	510
99 14 300	nickel plated	25	nickel plated	4.5	475

KNIPEX special

KNIPEX High Leverage Concretors Nippers offer substantially higher cutting performance as well as a damping of the cutting stroke after cutting the binding wire – two valuable ergonomic advantages for the user.

Requires 27% less effort.

Cutting a binding wire of 3.0 mm dia. with a High Leverage Concretors Nipper requires handforce of only 300 N (30.0 kp) instead of 412 N (41.2 kp) with a common Concretors Nipper of the same length.



Quick and comfortable twisting and cutting of binding wire

61 Bolt End Cutting Nippers



61 01 200

- › better handling, greater capacity and lower handforce required compared to conventional bolt end cutting nippers
- › with cutting edges for soft, hard and piano wire
- › particularly high cutting capacity with minimum effort due to optimum transmission ratio

- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- › forged
- › vanadium electric steel, oil hardened and tempered



Particularly efficient for fence construction



Flush cutting of bolts, nails, etc.



High cutting performance: also for piano wire

Part No.	Head	Handles	Cutting capacity				Weight	
			Length mm	Ø mm	Ø mm	Ø mm		Ø mm
61 01	polished	plastic coated	200	1.0-6.0	4.0	3.5	3.0 max.	460

special

KNIPEX Bolt End Cutting Nippers are clearly lighter in weight and more comfortable in use than conventional Bolt End Cutting Nippers – nevertheless they offer a higher cutting performance.

Four advantages



compared with conventional Lever Action End Cutting Nippers of the same size

- › **high cutting performance:**
e.g. piano wire up to 3.0mm dia.
- › **easier cutting:**
thanks to high leverage
- › **handy:**
compact design.
reduced weight
- › **smooth operation, less friction:**
single joint instead of toggle lever technique

67 High Leverage End Cutting Nippers

DIN ISO 5748

- › with cutting edges for soft, hard and piano wire
- › high cutting capacity with little effort due to optimum coordination of cutting edge angle and transmission ratio
- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- › chrome vanadium electric steel, oil-hardened and tempered



67 01 200



Part No.	Head	Handles	Cutting capacity				Weight	
			Length mm	Ø mm	Ø mm	Ø mm		Ø mm
67 01	polished	plastic coated	140	4.0	3.1	2.0	1.5	145
			160	4.0	3.4	2.5	2.0	240
			200	4.0	4.2	3.0	2.5	330



Induction hardened precision blades also suitable for piano wire

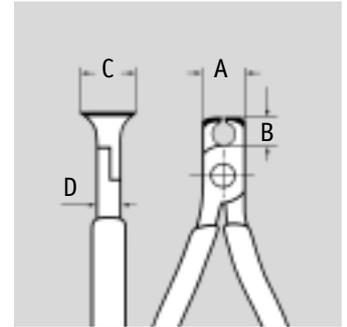
64

64 Electronics End Cutting Nippers

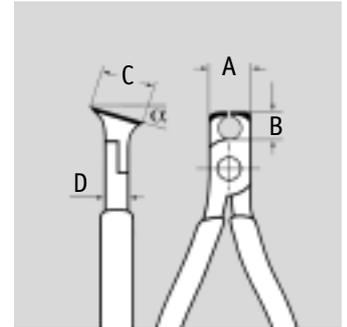


DIN ISO 9654

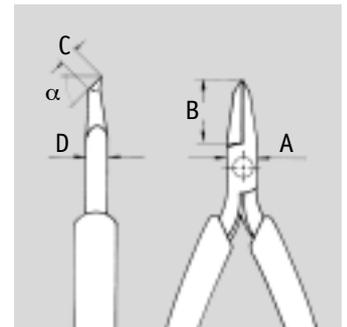
- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › precision box joint
- › low-friction double spring for gentle and even opening
- › the mirror polish finish with a fine film of oil offer the best possible rust protection - no circuit faults caused by peeling chrome from plated tools
- › cutting edge hardness at least 56 HRC
- › special tool steel, oil-hardened and tempered



64 02/12 115



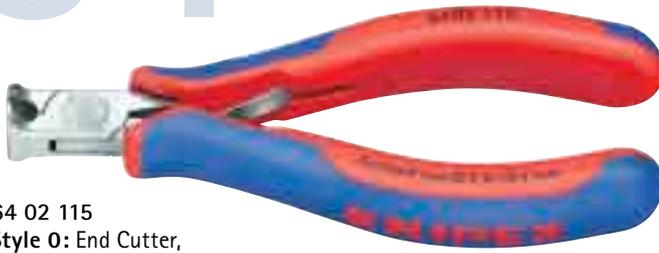
64 42 115



64 62 120

64 02 115

Style 0: End Cutter, with bevel



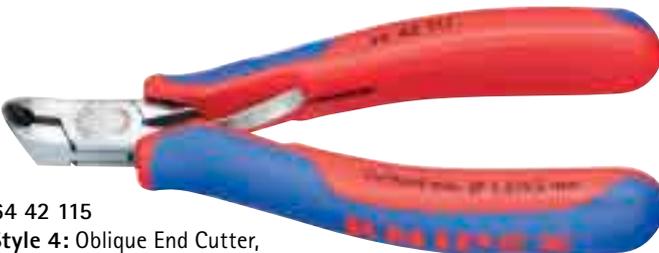
64 12 115

Style 1: End Cutter, with small bevel



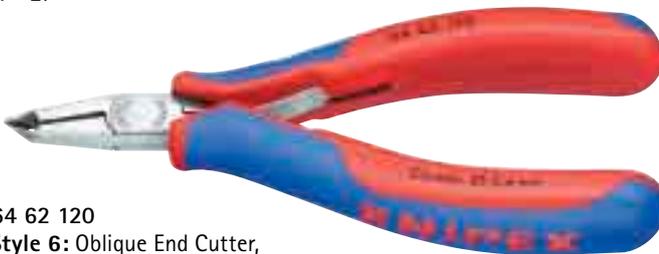
64 42 115

Style 4: Oblique End Cutter, short head, with small bevel $\alpha = 27^\circ$



64 62 120

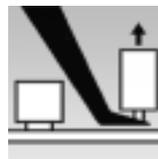
Style 6: Oblique End Cutter, mini-blade with small bevel $\alpha = 65^\circ$



Finish 2

(4th digit of the Part No.):

- › head mirror polished, with two-colour dual component sleeves red/blue



64 62 120

Differently shaped jaws and mini-blades for flush cutting in confined areas

Part No.	Style	Head	Dimensions				Cutting capacity			Weight
			B	A	D	C	\emptyset mm	\emptyset mm	\emptyset mm	
64 02 115	0	mirror polished	6.0	11.0	7.5	16.0	2.0	1.0	0.6	90
64 12 115	1	mirror polished	6.0	11.0	7.0	16.0	2.0	0.8	0.5	90
64 42 115	4 short head	mirror polished	10.3	10.0	7.0	12.0	1.5	1.0	0.5	70
64 62 120	6 mini	mirror polished	18.5	9.5	6.0	5.0	0.6	-	-	70

64

64 Electronics End Cutting Nippers ESD



DIN ISO 9654

- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › Electronically discharging version - dissipative
- › precision box joint
- › low-friction double spring for gentle and even opening
- › the mirror polish together with a fine film of oil offer the best possible rust protection - no circuit faults caused by peeling chrome from plated tools
- › cutting edge hardness at least 56 HRC



64 62 120 ESD
Style 6: Oblique End Cutter, mini-blade with small bevel
 $\alpha = 65^\circ$

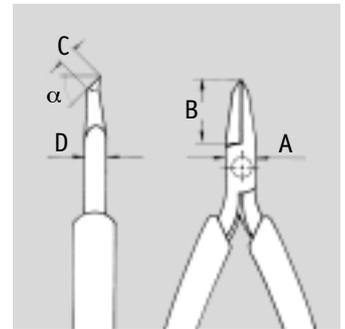


ESD

When using pliers on components endangered by electrostatic discharge (ESDS - electro static discharge sensitive devices) relevant regulations and standards (e.g. IEC TR 61 340-5, DIN EN 61 340-5, 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.

Part No.	Style	Head	Handles	Dimensions				Cutting capacity Ø mm	Weight g
				B mm	A mm	D mm	C mm		
64 62 120 ESD	6 mini	mirror polished	with two-colour dual component handles	18.5	9.5	6.0	5.0	0.6	70



64 62 120 ESD

68

68 End Cutting Nippers

DIN ISO 5748

- › with cutting edges for soft and hard wire
- › also suitable for twisting and cutting binding wire
- › cutting edges additionally induction hardened, cutting edge hardness approx. 61 HRC
- › high grade special tool steel, oil-hardened and tempered



68 01 200

Part No.	Head	Handles	Cutting capacity			Weight g
			Ø mm	Ø mm	Ø mm	
68 01 160	polished	plastic coated	4.0	2.8	2.3	195
180			4.0	3.2	2.5	275
200			4.0	3.5	2.8	335



Also suitable for wire netting in reinforced concrete construction.

71 KNIPEX CoBolt[®], Compact Bolt Cutters (Lever Action Centre Cutters)

DIN ISO 5749

- › with precision blades for soft, hard and piano wire
- › cuts material like bolts, nails, rivets, etc. up to 5.2mm dia.
- › exceptional cutting performance with minimum effort because of new lever action design
- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- › forged
- › chrome vanadium electric steel, oil-hardened and tempered
- › atramentized head

KNIPEX special

The KNIPEX Compact Bolt Cutter is a "clever muscle man". The newly designed lever action mechanism guarantees an extremely favourable lever ratio with low friction. The cutting performance is 20 times higher than the handforce applied.

Requires 61% less effort.

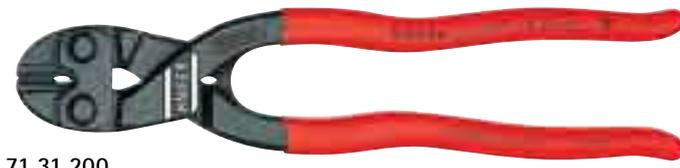
Cutting a piano wire of 2.0 mm dia. with the KNIPEX CoBolt[®] requires handforce of 192 N (19.2 kp) instead of 499 N (49.9 kp) with a High Leverage Diagonal Cutter of the same length.



71 01 200



71 12 200



71 31 200



71 32 200



Model 71 31/32/41 200:

- › the recess in the blade allows easier cutting of thicker wires, e. g. for false ceilings



Model 71 12/22/32 200:

- › secure locking with the user-friendly spring clip



71 21 200



71 22 200

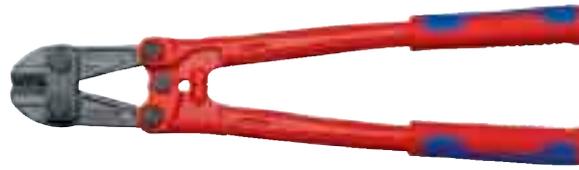
Part No.	Length mm	Style	Handles mm	Cutting capacity				Weight g
				● Ø mm	● Ø mm	● Ø mm	○ Ø mm	
71 01	200	0	plastic coated	6.0	5.2	4.0	3.6	340
71 02	200	0	with slim, two-colour dual component handles	6.0	5.2	4.0	3.6	380
71 12	200	1	with slim, two-colour dual component handles	6.0	5.2	4.0	3.6	375
71 21	200	2	plastic coated	6.0	5.2	4.0	3.6	320
71 22	200	2	with slim, two-colour dual component handles	6.0	5.2	4.0	3.6	375
71 31	200	3	plastic coated	6.0	5.2	4.0	3.6	330
71 32	200	3	with slim, two-colour dual component handles	6.0	5.2	4.0	3.6	370
71 41	200	4	plastic coated	6.0	5.2	4.0	3.6	335



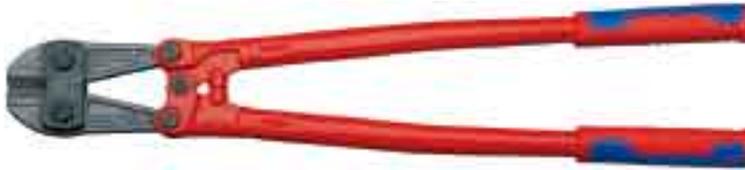
71 31/32/41 200 the recess near the joint keeps thicker wires to be cut in a secure position, ensuring optimum application of cutting performance

71 Bolt Cutters and Concrete Mesh Cutters

71 72 460



71 72 610



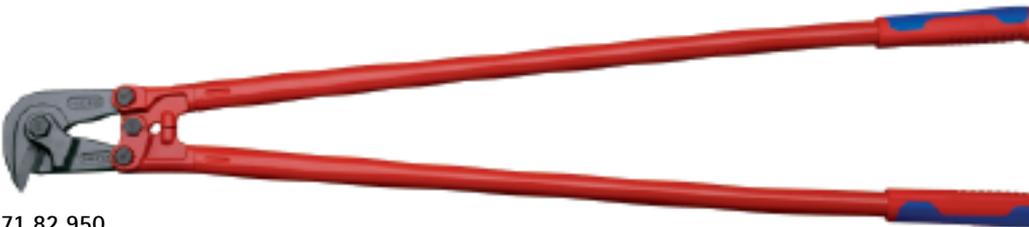
71 72 760



71 72 910



71 82 950



- › cutting capacity up to 48 HRC
- › blades and joint forged from steel
- › blades from high performance chrome vanadium steel, oil-hardened and tempered
- › precision cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC
- › forged on stopper with comfortable shock-absorber
- › handles made of powder coated steel tubing, ergonomically angled for fatigue reduced work
- › sturdy non-slip two-colour dual component handles
- › grey atramentized head
- › precise 12 positions adjustment by eccentric screw
- › high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio

KNIPEX Concrete Mesh Cutters 71 82 950

- › cutting capacity up to 48 HRC
- › precision cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC
- › forged on stopper with comfortable shock-absorber
- › good access due to very flat construction of head and joint area
- › precise 12 positions adjustment by eccentric screw
- › high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio and ergonomic handle shape



The handy small size (460 mm) in use



KNIPEX-Bolt Cutters are extremely hard-wearing and must withstand rough operating conditions



Robust forged on stopper with elastomer insert: cushions the cutting stroke comfortably

Part No.	Length mm	Head width mm	Head thickness mm	Handles	Cutting edge length	Cutting capacity			Weight g
						HRC 19 Ø mm	HRC 40 Ø mm	HRC 48 Ø mm	
71 72	460	71	33	made of powder coated steel tubing, non-slip two colour dual component handle	30	8	6	5	2100
	610	83	33		34	9	8	7	2550
	760	97	42		36.5	11	9	8	4250
	910	111	42		46	13	10	9	4950
71 82	950	111	40		44	11	9	6	3585

70 Diagonal Cutters

DIN ISO 5749

KNIPEX special

The cutting edges of KNIPEX Diagonal Cutters – made of vanadium steel – have a long service life, are machined precisely – for a clean cut of soft and hard wires.



70 01 160



70 02 160



70 05 160



70 06 160



70 15 110

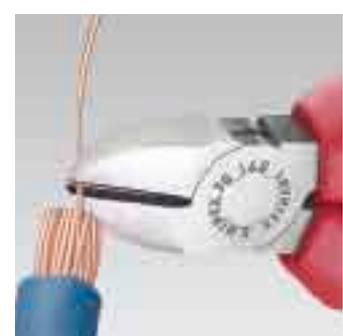
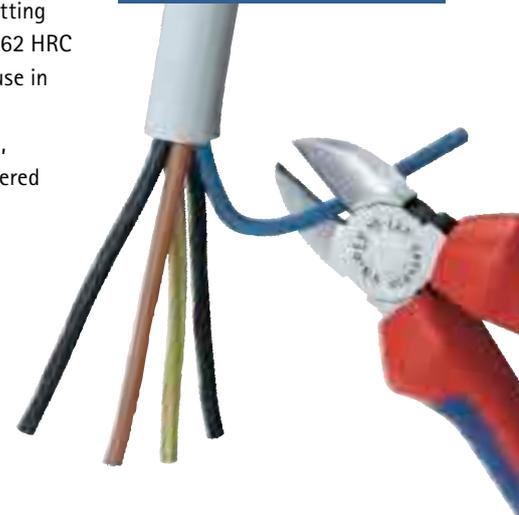
- the indispensable diagonal cutter for all-round use
- high quality material and precise workmanship for long service life
- precision cutting edges for soft and hard wire
- clean cutting at cutting edge tips; also in case of thin copper wires
- cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC
- narrow head style for use in confined areas
- vanadium electric steel, oil-hardened and tempered

Style 0:

- with bevel

Style 1:

- with small bevel
- with opening spring



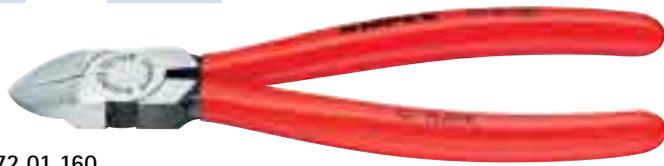
Cuts fine wires cleanly over the complete length of the blades



Slim head style and precise cut at blade tips: advantageous when working in confined areas

Part No.	Style	Head	Handles	Cutting capacity			Weight	
				Ø mm	Ø mm	Ø mm		
70 01	0	polished	plastic coated	110	3.0	2.0	1.2	80
				125	3.0	2.3	1.5	90
				140	4.0	2.5	1.8	125
				160	4.0	2.8	2.0	175
				180	4.0	3.0	2.5	200
70 02	0	polished	with two-colour dual component handles	125	3.0	2.3	1.5	115
				140	4.0	2.5	1.8	155
				160	4.0	2.8	2.0	205
				180	4.0	3.0	2.5	250
70 06	0	chrome plated	insulated with two-colour dual component handles ⚡ 1000 V ⚡ VDE-tested	125	3.0	2.3	1.5	120
				140	4.0	2.5	1.8	160
				160	4.0	2.8	2.0	210
				180	4.0	3.0	2.5	255
70 15	1	chrome plated	with two-colour dual component handles	110	3.0	2.0	1.2	105

72 Diagonal Cutters for plastics and lead



72 01 160

- › cutting face flush ground
- › non-bevelled, for flush cutting sprues off plastic components or soft materials such as lead
- › with opening spring
- › vanadium electric steel, oil-hardened and tempered



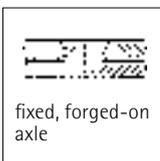
72 02 125

Part No.	Style	Head	Handles	Weight
	Length mm		mm	g
72 01	140	polished	plastic coated	115
	160			170
	180			200
72 02	125	polished	with two-colour dual component handles	95

74 Centre Cutters

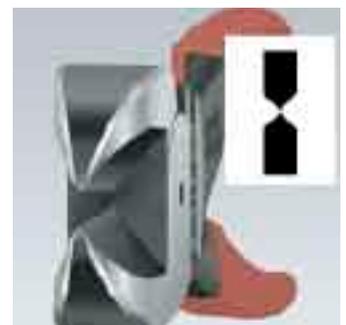


74 91 250



- › with forged-on axle for heaviest duty
- › with precision cutting edges for soft, hard and piano wire
- › cuts hard, thick wires with less effort than other diagonal cutters of the same length
- › centric precision cutting edges
- › chrome vanadium electric steel, oil-hardened and tempered
- › high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC

Part No.	Head	Handles	Cutting capacity				Weight
	Length mm	mm					g
74 91	250	plastic coated	5.0	5.0	3.8	3.5	395



The cutting edges are in the centre of the cutter head

74 High Leverage Diagonal Cutters

DIN ISO 5749



74 01 250



74 02 180



74 06 200



74 12 180



74 21 200

- › with forged-on axle for heaviest duty
- › suitable for all types of wire including piano wire
- › high cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle, transmission ratio and ergonomic handle shape
- › precision cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- › the 250mm long diagonal cutter is suitable for copper conductors up to 16 mm² and aluminium conductors up to 35 mm²
- › chrome vanadium electric steel, oil-hardened and tempered

Model 74 21 200:

- › 12° angled head for flush cutting, providing space of approx. 70 mm for gripping



74 12 180 the opening spring can be activated by simply pressing with the thumb

KNIPEX special

The choice of material (chrome vanadium), lever ratio and cutting edge angle mean that KNIPEX High Leverage Diagonal Cutters are particularly designed for the cutting of hard wires. Fixed, forged-on axle for work under continuous stress.

Requires 21% less effort.

Cutting a medium hard wire of 2.5 mm dia. with a High Leverage Diagonal Cutter (length 160 mm) requires a handforce of only 293 N (29.3 kp) instead of 370 N (37.0 kp) with a common Diagonal Cutter of the same length.



74 12 180 view of the rear side with activated opening spring

Part No.	Length mm	Style	Head	Handles mm	Cutting capacity			Weight g	
					Ø mm	Ø mm	Ø mm		
74 01	140		polished	plastic coated	3.1	2.0	1.5	130	
	160				3.4	2.5	2.0	180	
	180				3.8	2.7	2.2	220	
	200				4.2	3.0	2.5	260	
	250				4.6	3.5	3.0	390	
74 02	140		polished	with two-colour dual component handles	3.1	2.0	1.5	160	
	160				3.4	2.5	2.0	210	
	180				3.8	2.7	2.2	255	
	200				4.2	3.0	2.5	300	
	250				4.6	3.5	3.0	420	
74 06	160		chrome plated	insulated with two-colour dual component handles ▲ 1000 V ▲ VDE-tested	3.4	2.5	2.0	215	
	180				3.8	2.7	2.2	260	
	200				4.2	3.0	2.5	305	
	250				4.6	3.5	3.0	440	
74 12	160	1	polished	with two-colour dual component handles	3.4	2.5	2.0	210	
	180				3.8	2.7	2.2	255	
74 21	200	2	∠12°	polished	plastic coated	4.2	3.0	2.5	260



Induction hardened precision blades also suitable for piano wire

75 Electronics Diagonal Cutters, slim pattern



DIN ISO 9654



75 02 125
Style 0: with bevel



75 52 125
Style 5: particularly narrow head, with bevel

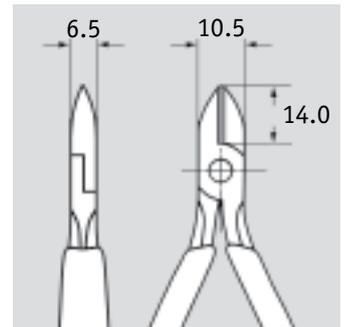
- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › with precision cutting edges for soft and hard wire, also suitable for thin piano wire
- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- › low-friction double spring for gentle and even opening
- › high grade special tool steel, oil-hardened and tempered

special

KNIPEX

KNIPEX Electronics Diagonal Cutters are suitable for work in confined areas due to their slim head. Their precise cutting edges can also cut thin piano wire.

Part No.	Style	Head	Handles	Cutting capacity				Weight
				Length mm	all pliers with			
75 02 125	0	burnished	with plastic handles	0.2-1.3	1.0	0.6	0.4	80
75 52 125	5	burnished	with plastic handles	0.2-1.0	0.6	0.5	0.3	85



77 Electronics Diagonal Cutters ESD



DIN ISO 9654



77 02 115 ESD
round head, with small bevel



77 22 115 ESD
round head, without bevel

- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › electrically discharging version - dissipative
- › precision box joint
- › low-friction double spring for gentle and even opening
- › the mirror polish together with a fine film of oil offer the best possible rust protection - no circuit faults caused by peeling chrome from plated tools
- › cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC
- › special tool steel, oil-hardened and tempered

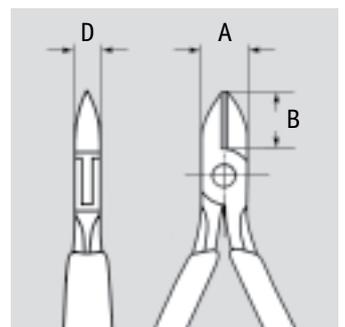
ESD

When using pliers on components endangered by electrostatic discharge (ESDS - electro static discharge sensitive devices) relevant regulations and standards (e.g. IEC TR 61 340-5, DIN EN 61 340-5, 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.

Model 77 22 115 ESD:

- › cutting edge hardness approx. 57 HRC

Part No.	Style	Head	Handles	Dimensions			Cutting capacity			Weight
				Length mm	all pliers with		B mm	A mm	D mm	
77 02 115 ESD	0	mirror polished	with two-colour dual component handles	14.0	11.0	7.5	0.3-1.6	1.2	0.5	80
77 22 115 ESD	2	mirror polished	with two-colour dual component handles	14.0	11.0	7.5	0.3-1.3	1.0	-	85



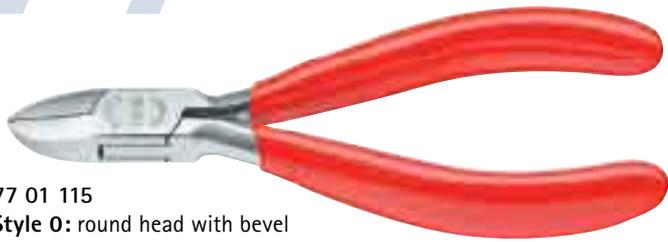
77 Electronics Diagonal Cutters



DIN ISO 9654

- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › low-friction double spring for gentle and even opening
- › cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC

- › 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
- › precision box joint
- › special tool steel, oil-hardened and tempered



77 01 115
Style 0: round head with bevel



77 02 115
Style 0: round head with small bevel



77 22 115
Style 2: round head without bevel



77 42 115
Style 4: pointed head without bevel

Finish 1

(4th digit of the Part No.):

- › head polished, plastic coated handles

Finish 2

(4th digit of the Part No.):

- › head mirror polished, two-colour dual component handles red/blue

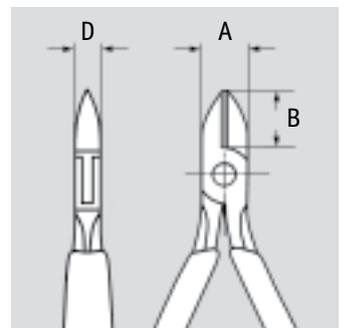
Models 77 22 115, 77 42 115 and 77 42 130:

- › cutting edge hardness approx. 57 HRC



00 20 16

Part No.	Length mm	Style all pliers with	Head	Handles	Dimensions			Cutting capacity			Weight g
					B mm	A mm	D mm	Ø mm	Ø mm	Ø mm	
77 01	115	[Symbol]	polished	plastic coated	14.0	11.0	7.5	0.3-1.6	1.2	0.5	80
	130				18.0	15.0	9.5	0.3-2.0	1.5	0.8	110
77 02	115	[Symbol]	mirror polished	with two-colour dual component handles	14.0	11.0	7.5	0.3-1.6	1.2	0.5	80
	130	[Symbol]			18.0	15.0	9.5	0.3-2.0	1.5	0.8	125
77 22	115	[Symbol]	mirror polished	with two-colour dual component handles	14.0	11.0	7.5	0.3-1.3	1.0	-	85
	130	[Symbol]			18.0	15.0	9.5	0.3-2.0	1.5	0.5	120
77 42	115	[Symbol]	mirror polished	with two-colour dual component handles	14.0	11.0	7.5	0.3-1.3	1.0	-	85
	130	[Symbol]			18.0	15.0	9.5	0.3-1.6	1.3	-	125



78 KNIPEX Electronics Super-Knips®



DIN ISO 9654

- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › precision-ground cutting edges without bevel for flush cutting
- › precision shaped tips also cut close sitting wire from 0.2 mm dia.
- › joint with stainless steel rivet
- › extremely smooth movement for minimum operator fatigue
- › with opening spring and restricted opening
- › with two-colour dual component handles red/blue

Style 0, 1:

- › INOX - stainless steel
- › cutting edge hardness approx. 54 HRC

Style 1:

- › with lead catcher
- no uncontrolled loss of cut wire ends

Style 3, 6, 8, 9:

- › special tool steel, burnished

Style 3:

- › cutting edge hardness approx. 60 HRC
- › with narrow head

Style 6, 8, 9:

- › cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC

Style 8, 9:

- › precision ground cutting edges with very small bevel suitable also for hard wire

KNIPEX special

KNIPEX Super-Knips® have precision ground cutting edges for clean, flush cutting. The very smooth joint and the opening spring provide high operation comfort.



Angled blades for clean cut also in confined areas



Model 78 61 125:

- › also suitable for cutting glass fibre cables (fibre optics)



78 03 125
Style 0



78 13 125
Style 1

➤ With lead catcher



78 31 125
Style 3



78 61 125
Style 6

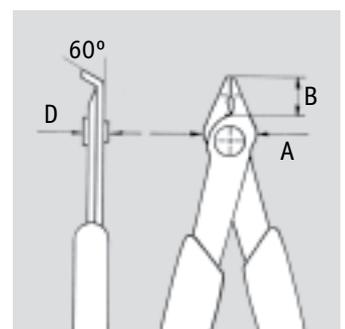
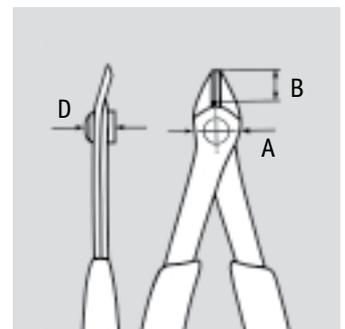


78 81 125
Style 8



78 91 125
Style 9

Part No.	Style	Head	Handles	Dimensions			Cutting capacity			Weight
				B	A	D	Ø mm	Ø mm	Ø mm	
78 03 125	0	stainless steel	with two-colour dual component handles	9.0	13.5	7.5	0.2-1.6	1.0	-	45
78 13 125	1	stainless steel		9.0	13.5	7.5	0.2-1.6	1.0	-	50
78 31 125	3	burnished		9.0	12.5	7.5	0.2-1.0	-	-	50
78 61 125	6	burnished		9.0	13.5	7.5	0.2-1.6	1.2	-	45
78 81 125	8	burnished		9.0	13.5	7.5	0.2-1.6	1.2	0.6	45
78 91 125	9	burnished		9.0	13.5	7.5	0.2-1.6	1.2	0.6	50



78 KNIPEX Electronics Super-Knips® ESD



KNIPEX special

KNIPEX Super-Knips® have precision ground cutting edges for clean, flush cutting. The very smooth joint and the opening spring provide high operation comfort.

ESD

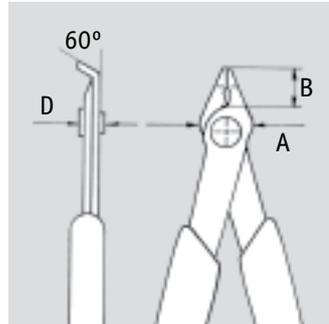
When using pliers on components endangered by electrostatic discharge (ESDS - electro static discharge sensitive devices) relevant regulations and standards (e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472) require a controlled discharge of electric energy through the handles of such pliers. The KNIPEX Electronics Pliers in ESD version discharge the electrostatic energy correspondingly slowly and under control to protect endangered components.



78 03 125 ESD

Style 0:

- › INOX - stainless steel
- › cutting edge hardness approx. 54 HRC



- › precision pliers for ultra fine cutting work, e.g. in electronics and fine mechanics
- › electrically discharging version - dissipative
- › precision-ground cutting edges without bevel for flush cutting
- › precision shaped tips also cut close sitting from 0.2 mm dia.
- › joint with stainless steel rivet
- › extremely smooth movement for minimum operator fatigue
- › with opening spring and restricted opening
- › with two-colour dual component handles, black/grey
- › stainless steel head

Part No.	Style	Dimensions			Cutting capacity		Weight
		B	A	D	Ø mm	Ø mm	
78 03 125 ESD	0	9.0	13.5	7.5	0.2-1.6	1.0	45

81 Pipe Gripping Pliers



81 03 230

- › ideal for tightening and releasing plastic pipe joints, round union nuts, etc. from 25 up to 65 mm dia.
- › with serrated gripping jaws
- › 4-position adjustable slip joint
- › chrome vanadium electric steel, oil-hardened and tempered



Easy tightening and releasing of plastic pipe joints

Part No.	Head	Handles	Working capacity	Weight
81 03 230	chrome plated	plastic coated	25-65	290

82

82 Angle Nose Battery Pliers



- › for nuts and screws up to max. 14 mm width across flats
- › serrated gripping surfaces
- › chrome vanadium electric steel, oil-hardened and tempered

82 51 200

Part No. Length mm	Head	Handles	Weight g
82 51 200	polished	plastic coated	215

84

84 Cycle Pliers



- › for very narrow screw connections
- › special tool steel, oil-hardened and tempered
- › straight head

84 11 200

Part No. Length mm	Style	Head	Handles	Head thickness mm	Recess Ø mm	Weight g
84 11 200	1 straight 	polished	plastic coated	3.5	6/10	170