

00 20 Electronics Pliers Sets

for working on electronic components



00 20 16



00 20 17 



00 20 18



00 20 18 ESD 

Model 00 20 16:

- 7 parts, contains 6 electronics pliers and one precision tweezer
- case made of hard-wearing polyester fabric, pliers are held by elastic band, with zip fastener

Model 00 20 17:

- 6 parts, contains 6 ESD electronics pliers, electrically discharging version
- case made of hard-wearing polyester fabric, pliers are held by elastic band, with zip fastener

Model 00 20 18:

- 8 parts, contains 2 electronics pliers and 6 electronics screwdrivers
- practical storage box, shock-resistant plastic, with foam insert

Model 00 20 18 ESD:

- 8 parts, contains 2 electronics pliers and 6 electronics screwdrivers, ESD electrically discharging version
- practical storage box, shock-resistant plastic, with foam insert

Article-No.	EAN-Code	Contents Article	Description	g
00 20 16	022619	35 12 115 35 22 115 35 32 115 64 32 120 77 02 115 77 42 115 92 34 36	Case for Electronics Pliers	610
00 20 17	031222	35 12 115 ESD 35 22 115 ESD 35 42 115 ESD 64 32 120 ESD 77 02 115 ESD 77 32 115 ESD	Case for Electronics Pliers ESD	590
00 20 18	033073	35 22 115 77 02 115 Screwdrivers 0,4 x 2,5/0,5 x 3/0,6 x 3,5/0,8 x 4,0 mm - PH 0/PH 1	Case for Electronics Pliers	450
00 20 18 ESD	051848	35 22 115 ESD 77 02 115 ESD Screwdrivers ESD 0,4 x 2,5/0,5 x 3/0,6 x 3,5/0,8 x 4,0 mm - PH 0/PH 1	Case for Electronics Pliers ESD	450

00 20 Precision Electronics Pliers Sets

for working on electronic components



00 20 16 P

Model 00 20 16 P:

- 6 parts, contains 6 precision electronics pliers
- case made of hard-wearing polyester fabric, pliers are held by elastic band, with zip fastener



00 20 16 P ESD 

Model 00 20 16 P ESD:

- 6 parts, contains 6 ESD precision electronics pliers, electrically discharging version
- case made of hard-wearing polyester fabric, pliers are held by elastic band, with zip fastener

Article-No.	EAN-Code	Contents Article	Description	g
00 20 16 P	063223	34 12 130 34 22 130 34 32 130 79 02 120 79 02 125 79 42 125	Case for Precision Electronics Pliers	610
00 20 16 P ESD	063230	34 12 130 ESD 34 22 130 ESD 34 32 130 ESD 79 02 120 ESD 79 02 125 ESD 79 42 125 ESD	Case for Precision Electronics Pliers ESD	610

35 Electronics Pliers ESD



35 12 115 ESD



Style 1: flat, flat wide jaws



35 22 115 ESD



Style 2: half-round jaws



35 32 115 ESD



Style 3: round, pointed jaws



35 42 115 ESD

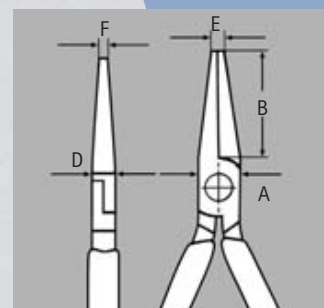
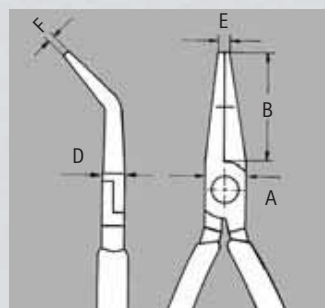


Style 4: 45° bent, half-round jaws

- ▶ precision pliers for ultra fine assembly work, e. g. in electronics and fine mechanics
- ▶ for gripping, holding and bending
- ▶ electrically discharging version – dissipative
- ▶ precision box joint
- ▶ smooth ground gripping surfaces
- ▶ edges carefully deburred
- ▶ 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
- ▶ with two-colour dual component handles black/grey
- ▶ special tool steel, oil-hardened and tempered



00 20 17



special

KNIPEX

In the design of KNIPEX 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.



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 controlled to protect endangered components.

Article-No.	EAN-Code	Style	Head	Handles	Dimensions					
Length mm	4003773-	all pliers with 			B	A	D	E	F	g
35 12 115 ESD	024835	1 	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	4.0	75
35 22 115 ESD	024842	2 	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.5	70
35 32 115 ESD	024859	3 	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.0	60
35 42 115 ESD	024866	4 	mirror polished	with two-colour dual component handles	22.5	9.5	6.5	2.0	1.5	75

77 Electronics Diagonal Cutters ESD



DIN ISO 9654



77 02 115 ESD

Style 0: round head, with small bevel



77 12 115 ESD

Style 1: round head, with bevel and lead catcher – no uncontrolled loss of cut wire ends



77 12 115



77 22 115 ESD

Style 2: round head, without bevel



77 32 115 ESD

Style 3: pointed head, with small bevel



77 42 115 ESD

Style 4: pointed 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
- ▶ with two-colour dual component handles, black/grey
- ▶ special tool steel, oil-hardened and tempered

Models 77 22 115 ESD,
77 42 115 ESD and
77 52 115 ESD:

- ▶ cutting edges hardness approx. 57 HRC

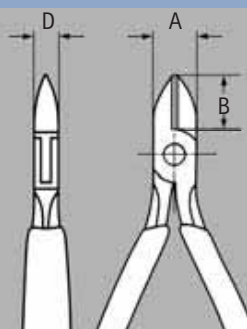


00 20 17



77 52 115 ESD

Style 5: pointed, flat head, with small bevel



77 72 115 ESD

Style 7: pointed mini-head, with small bevel

Article-No.	EAN-Code	Style	Head	Handles	Dimensions			Cutting capacities			g
Length mm	4003773-	all pliers with 			B	A	D				
77 02 115 ESD	025092	0	mirror	with two-colour	14.0	11.0	7.5	0.3 - 1.6	1.2	0.5	80
77 12 115 ESD	025108	1	polished	dual component handles	14.0	11.0	7.5	0.3 - 1.6	1.2	0.5	75
77 22 115 ESD	025115	2			14.0	11.0	7.5	0.3 - 1.3	1.0	-	85
77 32 115 ESD	025122	3			14.0	11.0	7.5	0.3 - 1.3	1.2	0.5	80
77 42 115 ESD	031901	4			14.0	11.0	7.5	0.3 - 1.3	1.0	-	85
77 52 115 ESD	025139	5			14.0	11.5	7.5	0.3 - 1.0	0.8	0.5	80
77 72 115 ESD	024330	7			10.5	9.5	6.5	0.3 - 0.8	-	-	70



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The KNIPEX Electronics Pliers in ESD version discharge the electrostatic energy correspondingly slowly and under control to protect endangered components.