

## Precision Electronics Diagonal Cutters ESD

DIN ISO 9654



79 02 120 ESD

pliers burnished, head polished, handles with multi-component grips, mini-head



79 02 125 ESD

pliers burnished, head polished, handles with multi-component grips, round head



79 12 125 ESD

pliers burnished, head polished, handles with multi-component grips, round head



79 22 120 ESD

pliers burnished, head polished, handles with multi-component grips, mini-head



79 22 125 ESD

pliers burnished, head polished, handles with multi-component grips, round head



79 32 125 ESD

pliers burnished, head polished, handles with multi-component grips, pointed head



79 42 125 ESD

pliers burnished, head polished, handles with multi-component grips, pointed head



79 52 125 ESD

pliers burnished, head polished, handles with multi-component grips, pointed head



79 62 125 ESD

pliers burnished, head polished, handles with multi-component grips, pointed head



- Description
- Special
- Applications
- Technical design

- the assortment for highest standard of performance and results
- precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- precisely ground, sharp cutting edges with very small bevel for exact cutting on delicate components; also without bevel for flush cutting
- cutting edges additionally induction hardened, cutting edge hardness approx. 64 HRC
- electrically discharging version - dissipative
- 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
- non-reflective finish
- low weight
- ergonomically shaped, two-colour dual component ESD handles, black/grey
- Ball bearing chrome steel, forged, oil hardened

Model 79 02 120 ESD :

- mini-head, with very small bevel

Model 79 02 125 ESD :

- round head with very small bevel

Model 79 12 125 ESD :

- round head with very small bevel
- specially for cutting through hard wire and piano wire

Model 79 22 120 ESD :

- mini-head, without bevel

Model 79 22 125 ESD :

- round head, without bevel

Model 79 32 125 ESD :

- pointed head, with very small bevel

Model 79 42 125 ESD :

- pointed head, without bevel

Model 79 52 125 ESD :

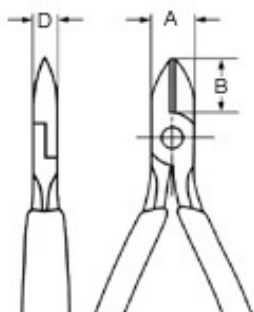
- pointed head, with very small bevel
- with lead catcher - no uncontrolled loss of cut wire ends









Model 79 62 125 ESD :


- pointed head, without bevel
- with lead catcher - no uncontrolled loss of cut wire ends

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.



No.	EAN 4003773-	 Ø mm (min)	 Ø mm	 Ø mm	 Ø mm	 Ø mm	B mm	A mm	D mm	 mm	 g
79 02 120 ESD	061595	0.20	1.40	1.00	0.60		6.50	9.00	6.50	120	60
79 02 125 ESD	061519	0.20	1.70	1.30	0.70		10.00	11.00	6.50	125	61
79 12 125 ESD 	071389	0.30	1.70	1.30	1.00	0.60	10.00	11.00	6.50	125	61
79 22 120 ESD	061618	0.10	1.30	0.80			6.50	9.00	6.50	120	61
79 22 125 ESD	061533	0.10	1.70	1.00			10.00	11.00	6.50	125	61
79 32 125 ESD	061557	0.20	1.50	1.10	0.60		10.50	11.00	6.50	125	61
79 42 125 ESD	061571	0.10	1.50	0.80			10.50	11.00	6.50	125	58
79 52 125 ESD	065159	0.20	1.30	0.90	0.50		11.00	11.00	6.50	125	58
79 62 125 ESD	065166	0.10	1.30	0.80			11.00	11.00	6.50	125	58

 New  
technical change and errors excepted