

# Electronics Diagonal Cutters ESD

with inserted carbide metal cutting edges

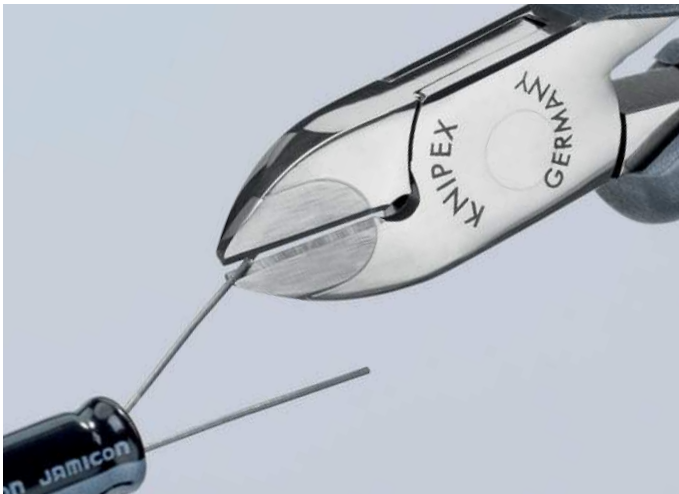
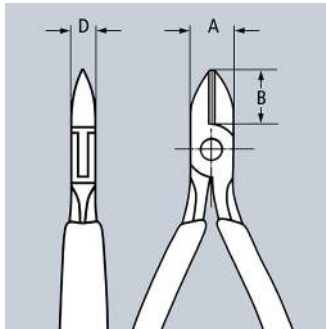
DIN ISO 9654

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- > for extreme demands on cutting pliers caused by hard or tough materials, e.g. piano, nickel, tungsten and diode wire, which are used more frequently in the electronics and aerospace industries
- > precision carbide metal cutting edges soldered into forged blanks
- > sturdy, zero backlash box-joint
- > hardness of the carbide cutting edges (approx. 80 – 83 HRC)
- > pliers with carbide metal cutting edges have a substantially longer service life than those with conventional cutting edges
- > constantly reliable cutting results due to the avoidance of cutter deformations
- > high cost savings due to longer service life of the pliers
- > electrically discharging handles – dissipative (ESD version only)

## 77 32 120 H ESD

Pointed head with chamfer; with small bevel



## 77 02 120 H ESD



## 77 02 135 H ESD



### ESD Pliers (electrostatic discharge)

Electrostatic energy is discharged through the handles in a gradual and controlled manner which protects components endangered by electrostatic discharge in accordance with applicable standards, e.g. IEC TR 61 340-5, DIN EN 61 340-5, SP Method 2472



| Product Number  | Packaging | ↔<br>Inch<br>mm |  | Head            | Handles                   | Cutting capacities |                    |                    |                    | Dimensions      |                 |                 | <br>lbs |
|-----------------|-----------|-----------------|--|-----------------|---------------------------|--------------------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|---------|
|                 |           |                 |  |                 |                           | <br>Ø Inch<br>Ø mm | <br>Ø Inch<br>Ø mm | <br>Ø Inch<br>Ø mm | <br>Ø Inch<br>Ø mm | A<br>Inch<br>mm | B<br>Inch<br>mm | D<br>Inch<br>mm |         |
| 77 02 120 H ESD |           | 4 3/4<br>120    |  | mirror polished | ESD multi-component grips | 5/64<br>2.0        | 3/64<br>1.0        | 1/32<br>0.6        | 1/64<br>0.2        | 7/16<br>11.0    | 9/16<br>14.3    | 19/64<br>7.5    | 0.19    |
| 77 02 135 H ESD |           | 5 1/4<br>135    |  | mirror polished | ESD multi-component grips | 5/64<br>2.0        | 1/16<br>1.6        | 3/64<br>1.2        | 1/32<br>0.8        | 19/32<br>15.0   | 45/64<br>18.0   | 3/8<br>9.5      | 0.26    |
| 77 32 120 H ESD |           | 4 3/4<br>120    |  | mirror polished | ESD multi-component grips | 1/16<br>1.6        | 1/32<br>0.6        | 1/64<br>0.2        | 1/64<br>0.2        | 7/16<br>11.0    | 9/16<br>14.3    | 19/64<br>7.5    | 0.17    |