1PK-037S Diagonal Cutting Plier (110 mm)

Cut | Copper up to 1.6 mm | 110 mm



1. GENERAL DESCRIPTION

The 1PK-037S is a compact 110 mm diagonal cutting plier for fine assembly and adjustment work on electronic circuits. Hardened cutting edges give clean, smooth cuts in copper wire up to 1.6 mm, soft steel up to 1.3 mm and hard steel up to 0.8 mm. A built-in opening spring and non-slip handles make it light and easy to use.

2. KEY FEATURES

- Diagonal cutting edges, micro bevel, inductively hardened (HRC 48 ± 3)
- Cuts copper 1.6 mm, soft steel 1.3 mm and hard steel 0.8 mm
- Made from S45C carbon steel
- Opening spring for fast, low-effort operation
- Non-slip PVC handles
- Lightweight and compact 110 mm body
- [Insulated handles — confirm]

3. APPLICATIONS

- Cutting wire and component leads in electronic assemblies and repairs
- Fine assembly and adjustment work on electronic circuits
- Precision cutting in jewelry making, crafts and DIY projects
- General electronics maintenance and repair

4. CUTTING CAPACITY

- Copper wire: up to 1.6 mm
- Soft steel wire: up to 1.3 mm
- Hard steel wire: up to 0.8 mm
- Not for cutting piano wire, hardened bolts or wire above the rated size

5. TOOL SPECIFICATIONS

Model	1PK-037S
Function	Diagonal wire cutting
Application	Electronic and precision work

Cutting Capacity	Copper 1.6 mm; soft steel 1.3 mm; hard steel 0.8 mm
Cutting Edge	Micro bevel, inductively hardened
Action	Manual squeeze, spring-loaded opening
Body / Handle	S45C carbon steel; non-slip PVC handles [insulation rating — confirm]
Hardness	Cutting edge HRC 48 ± 3
Length	110 mm
Weight	104 g

6. USAGE & MAINTENANCE

- Place the wire at right angles to the cutting edges, as close to the pivot as the cut allows, and squeeze firmly.
- Do not cut wire above the rated size or hardened steel, and do not twist or lever the jaws sideways.
- Disconnect power before cutting electrical conductors; do not use on live circuits unless the handles are rated as insulated.
- Keep the tool clean and dry, and oil the pivot occasionally.
- Store in a dry place to protect the cutting edges.