

PLIERS

Suitable for: Metal

Family: Holding and cutting tools

DESCRIPTION AND FUNCTION

- This is a hand tool that can be used to:
 - Grab pieces, making handling easier.
 - Cut wires or cables with the blade in the central part called side cutters.
 - Fold sheets or wires.



- This tool has two steel arms. These arms can spin around a common axis. The ends of these arms can be closed one against the other to hold, cut or bend metal.
- We can find the following parts:
 - Head:** It is where the **jaws** and **wire cutters** are located. This is the part of the pliers where force is applied on the object to be manipulated. The shape of this element depends on the purpose it has been designed. The pliers shown in the picture are called universal pliers. This is because of the multiple uses that the design of his head allows. In this type of pliers jaws are slotted to prevent the part to be hold from escaping.
 - Handle:** Coated with an insulating material to obtain electrical isolation, improve adherence and comfort.
 - Pivot point:** it serves as a fulcrum to force transmission from the handle to the head.

USAGE RULES AND MAINTENANCE

- Do not use this tool with a material harder than the pliers' steel.
- You can only use this tool for the purposes it was designed (do not use them as a hammer, nor as wrenches to tighten nuts ...).
- If you are using the pliers for cutting a wire or cable, the cut must be perpendicular to its axis. You need to give light turns around wire and hold the ends.
- Grease periodically the pivot point.



SAFETY RULES

- If are going to work with electricity pliers should have plastic handles (plastic is an electrical insulating material)
- Do not use pliers as wrenches for tightening nuts and screws. Pliers jaws may slip easily.
- Never put your fingers between the two handles, to avoid being pinched.

Cutters: Cuchillas **Fold:** Doblar **Slotted:** ranurado **Wrench:** Llave **Nut:** Tuerca **Screw:** Tornillo
Sleep: Resbalar