

Long-Nose Pliers

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Hand Tools

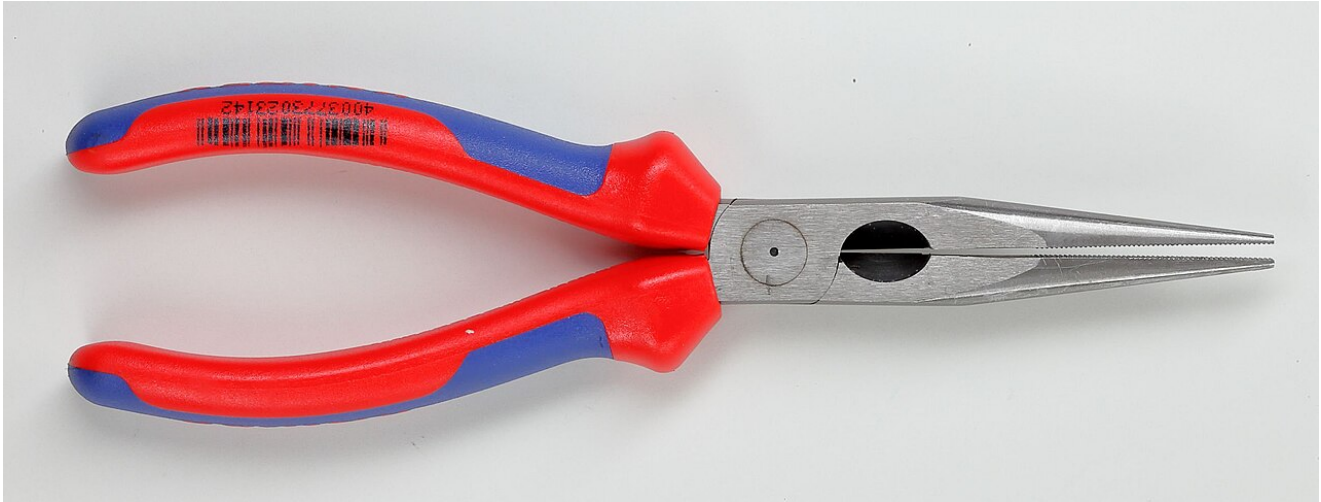


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Long-nose pliers reach into tight spaces with long tapered jaws for bending wires, holding small parts and reaching components that lie recessed in work. Insulated handles and precision tips make them a staple of electronics and precision assembly.

Key Features

- Long tapered jaws to the tip
- Cutting edges near the joint
- Insulated handles
- Spring-loaded and offset designs
- Sizes from 125 to 200 mm

Typical Uses in the Workshop

- Bend and form wire ends and leads
- Hold small parts while soldering
- Reach components in recessed areas
- Pull and position wires in looms

Safe Operation

1. Grip the wire near the tip for fine work
2. Bend with even pressure at the jaws
3. Cut wire at the joint edges
4. Hold the work steady then solder
5. Release gently to avoid springing parts

SAFETY NOTES

- Do not use on live circuits unless insulated rated
- Keep tips away from eyes and skin
- Do not pry or twist with the tips - they snap
- Protect the tips from falls
- Store with the tips together

Maintenance & Consumables

- Clean the joints and oil lightly
- Check the cutter edges
- Keep the tips aligned
- Replace worn pliers
- Store in the electronics kit

Specification & Buying Notes

Buy precision-ground long-nose pliers with insulated handles and a cutter. Quality steel tips hold alignment; cheap tips shear on fine work.