

Precision Screwdriver Sets (Electronics)

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



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Precision screwdriver sets are small, fine-tipped drivers for the micro screws in electronics, glasses, instruments and robotics, in slotted, Phillips, Pozi, hex and Torx sizes. Magnetic tips and swivel caps make delicate fastening controlled.

Key Features

- Tips from 0.8 to 3 mm
- Slotted, Phillips, Pozi, Torx, hex types
- Swivel top caps for control
- Magnetic and anti-static variants
- Cases with organised slots

Typical Uses in the Workshop

- Disassemble electronics and devices
- Adjust trimmers and set screws
- Fit small machine and robot screws
- Repair glasses, toys and instruments

Safe Operation

1. Select the exact tip size
2. Seat the tip fully in the screw
3. Apply light downward pressure
4. Turn gently to avoid cam-out
5. Use a magnetic tip to hold screws

SAFETY NOTES

- Do not use precision drivers on heavy screws
- Keep tips away from eyes
- Do not pry with the tips
- Check tips for wear
- Store in the case with the tips down

Maintenance & Consumables

- Keep tips clean and sharp
- Check for bent tips and replace
- Store the set complete
- Oil the swivel caps
- Keep away from heat

Specification & Buying Notes

A 30-piece set with interchangeable bits and a swivel handle covers electronics work. Quality tempered tips fit precisely; cheap tips cam out and strip screws.