

Wood Screws (Countersunk)

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Fasteners & Hardware



Photo: Mynameisnatmo — CC BY-SA 4.0 — via Wikimedia Commons (Black_wood_screw_with_flat_Phillips_head.jpg)

Wood screws have sharp points and coarse threads that pull deeply into wood, with countersunk heads settling flush for a neat finish. They are the everyday fixings for furniture, frames and joinery.

Key Features

- Countersunk and pan heads
- Pozi, Phillips and square drives
- Stainless, zinc and coated finishes
- Sizes from 3 x 12 mm to 8 x 100 mm
- Pilot hole guidance stamped

Typical Uses in the Workshop

- Assemble furniture and carcasses
- Fix frames, rails and battens
- Join boards and panels
- Attach fittings and hinges

Safe Operation

1. Drill a pilot hole for hard wood
2. Countersink or fit the head flush
3. Drive with the correct bit size
4. Use the screw's own pilot guidance
5. Clamp the joint while driving

SAFETY NOTES

- Keep screws away from young children
- Select the length to avoid protruding
- Drive at a safe speed and angle
- Do not force screws that bind
- Store sorted by size

Maintenance & Consumables

- Sort screws by type and size
- Check the coatings are intact
- Keep the driver bits matching
- Store in the fastener cabinet
- Restock high-use sizes

Specification & Buying Notes

Bulk boxes of countersunk Pozi wood screws in the lengths used (25-60 mm) cover assembly work. Quality coated screws drive hard; cheap steel snaps and rusts.