

Precision Pin Punch Sets

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

Pin punches drive out roll pins, dowels and retaining pins, while starter punches begin stubborn pins and drift punches move parts. Precision sets in sizes 1.5-10 mm are made for clean, controlled blows that do not damage the component.

Key Features

- Machined points from 1.5 to 10 mm
- Starter, pin and drift types
- Chrome vanadium steel construction
- Comfortable knurled grips
- Punched and rolled tip styles

Typical Uses in the Workshop

- Drive out roll and taper pins
- Start removing pins, keys and dowels
- Align holes for assembly
- Remove bearings and bushing pins

Safe Operation

1. Select the punch that fits the pin
2. Use a starter punch for stubborn pins
3. Strike with controlled hammer blows
4. Drive the pin through with the drift
5. Support the work against a solid surface

SAFETY NOTES

- Wear eye protection - hardened tips can chip
- Hold the punch at right angles
- Do not use a damaged or mushroomed punch
- Keep your free hand clear of the strike area
- Support the work to avoid recoil

Maintenance & Consumables

- Dress mushroomed tips with a grinder
- Wipe and oil the punches
- Store sets in their roll or case
- Check the handles are secure
- Replace bent punches

Specification & Buying Notes

Buy hardened steel punch sets with starter, pin and drift punches in the sizes the machines use. Quality steel holds the tip shape; soft punches deform on roll pins.