

Fineliners and Technical Drawing Pens

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Design & Documentation



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Fineliners and technical drawing pens draw precise, even line widths for design presentation, with pigment ink that dries waterproof for annotations, outlines and technical details. Sets cover widths from 0.1 to 0.8 mm.

Key Features

- Line widths 0.1-0.8 mm
- Pigment or waterproof inks
- Felt-tip and needle-tip varieties
- Sets with a range of widths
- Light-fast, fade-resistant ink

Typical Uses in the Workshop

- Outline design presentation drawings
- Annotate technical drawings cleanly
- Draw consistent line weights
- Finish portfolio artwork

Safe Operation

1. Select the width for the drawing element
2. Test the ink flow on scrap paper
3. Draw with even, steady pressure
4. Wait for ink to dry before layering
5. Cap pens immediately after use

SAFETY NOTES

- Keep ink away from eyes and mouths
- Do not shake or press hard - the tip floods
- Store pens horizontally
- Keep caps on - ink dries fast
- Clean accidental ink with the right solvent

Maintenance & Consumables

- Cap and store pens horizontally
- Replace dried-out pens
- Check tip condition
- Keep sets organised by width
- Restock the most used widths

Specification & Buying Notes

A set of 0.1-0.5 mm fineliners in quality pigment ink covers design work. Test that the ink is waterproof for finished sheets. Refillable technical pens cost more but last longer.