

Metal Pencil Sharpeners

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

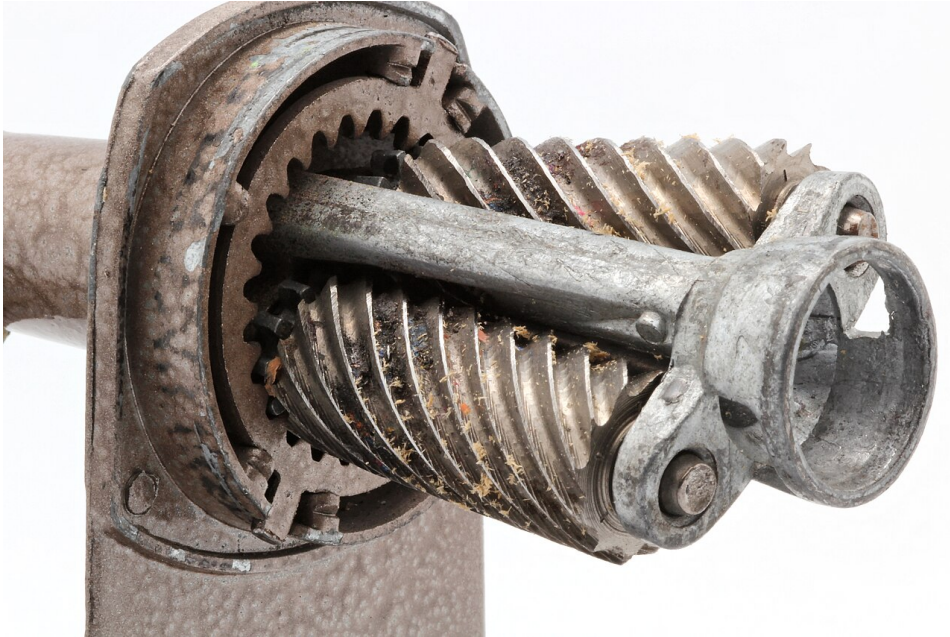


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Metal pencil sharpeners cut pencil points reliably with steel blades, from pocket single-hole types to crank-handle wall and desk models for class use. A sharp point matters for technical drawing line quality.

Key Features

- Single and double hole types
- Crank handle and fixed wall models
- Steel blade replacements
- Receivers or shavings catches
- Heavy bases for bench use

Typical Uses in the Workshop

- Keep drawing pencils sharp for line work
- Prepare graphite and colour pencils
- Classroom and studio sharpening
- Precise points for compass work

Safe Operation

1. Insert the pencil and rotate firmly
2. Crank models clamp and rotate the pencil
3. Empty the shavings receiver often
4. Replace the blade when dull
5. Match the hole to the pencil size

SAFETY NOTES

- Blades are sharp - keep fingers clear
- Do not sharpen pencils with the hand in the hole
- Check moving parts are guarded
- Empty shavings into the bin
- Do not use on electric pencils

Maintenance & Consumables

- Tighten the mounting screws
- Replace dull blades per the model
- Clean the shavings receiver
- Check the crank and gears
- Store wall models out of the way

Specification & Buying Notes

A sturdy crank sharpener with a receiver suits classroom use; a good pocket sharpener covers on-site drawing. Bulky steel blades last; plastic sharpeners snap.