

Ball-Peen Hammers

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

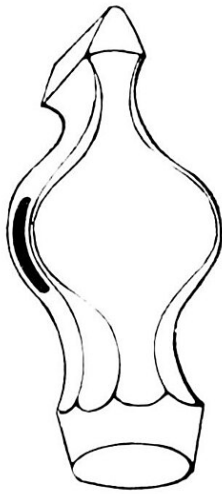


FIG. 3.

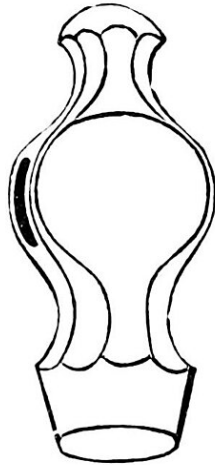


FIG. 4.

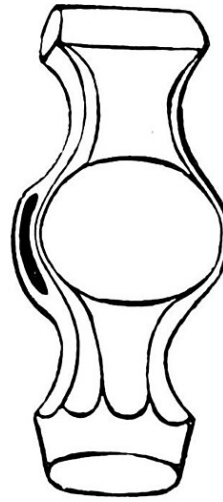


FIG. 5.

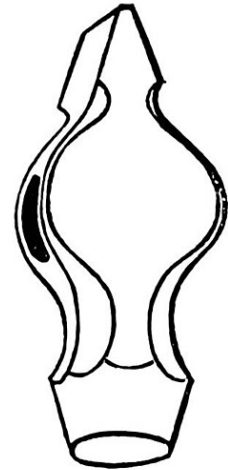


FIG. 6.

Photo: Unknown authorUnknown author — Public domain — via Wikimedia Commons (PSM_V09_D032_Engineer_hammers.jpg)

A ball-peen hammer has a flat face for striking and a rounded peen for shaping metal, riveting, and centre-punching work. It is the metalworker's hammer, sized from light 200 g to heavy 1 kg for driving punches and forming sheet.

Key Features

- Flat face and ball peen ends
- Heads from 200 g to 1 kg
- Forged steel heads
- Wooden or fibreglass handles
- Balanced for controlled blows

Typical Uses in the Workshop

- Shape and rivet metal work
- Drive punches and chisels
- Form sheet metal over stakes
- Set rivets and roll edges

Safe Operation

1. Select the head weight for the job
2. Strike square with the workpiece
3. Use the peen for riveting and rounding
4. Hold the work on a solid backing
5. Control the blow, not the force

SAFETY NOTES

- Wear eye protection - scale and particles fly
- Keep hands clear of the strike area
- Check the head is secure
- Do not strike hardened tools with the face
- Store facing down on the bench

Maintenance & Consumables

- Dress mushroomed faces
- Check the handle fit
- Keep the face clean and polished
- Replace damaged handles
- Store in the metalwork rack

Specification & Buying Notes

A 400-500 g ball-peen with a comfortable handle suits most school metalwork. Quality forged heads and tight handles serve years. Add a lighter one for sheet work.