

Water Pump Pliers (Tongue-and-Groove)

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

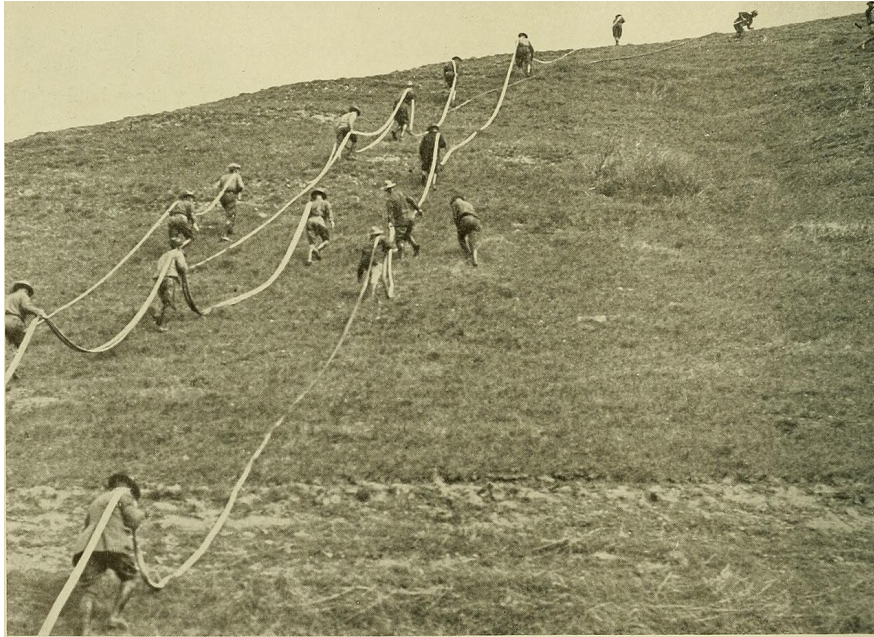


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Water pump pliers (tongue-and-groove) adjust to many jaw openings with a sliding joint, gripping pipe, nuts and flat stock with serrated jaws. They are the versatile tightening tool for plumbing, machine and general work.

Key Features

- Multi-position tongue-and-groove joints
- Serrated curved jaws
- Press-locked adjustment
- Insulated handles and comfort grips
- Sizes 200-400 mm

Typical Uses in the Workshop

- Grip and turn pipes and fittings
- Hold nuts and bolts of odd sizes
- Reach parallel openings for full grip
- Plumbing and machine service

Safe Operation

1. Open the jaws via the release button
2. Slide to the needed position and lock
3. Grip the work squarely
4. Turn with the handle aligned
5. Re-adjust for each grip

SAFETY NOTES

- Do not use on live electrics unless insulated
- Keep fingers clear of the jaw and joint
- Do not over-pull beyond the tool's capacity
- Check the release locks before gripping
- Store with the jaws partially closed

Maintenance & Consumables

- Clean the jaw serrations
- Oil the joint track
- Check the release button
- Replace worn jaws
- Store hanging or in the drawer

Specification & Buying Notes

A 250 mm and 400 mm water pump plier cover most ranges. Quality press-locked joints adjust one-handed; cheap ones slip under load.