

Basin Wrench Sets

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



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A basin wrench reaches and turns the hidden nuts that hold taps, basins and sinks from below, with a long handle and a spring-loaded pivoting jaw that works at an angle. It is the special tool that makes plumbing fixes in confined under-sink spaces possible.

Key Features

- Long handles for under-basin reach
- Spring-loaded pivoting jaws
- T-style or T-bar handles
- Jaws grip hex and wing nuts
- Extension and adaptor pieces

Typical Uses in the Workshop

- Tighten and loosen tap nuts under sinks
- Hold fittings while working above
- Remove basin waste connections
- Plumbing repairs in tight cabinets

Safe Operation

1. Set the jaw angle for the nut
2. Slide the wrench up the supply pipe
3. Engage the jaws on the nut
4. Turn the T-handle to work the nut
5. Check the grip before applying force

SAFETY NOTES

- Do not overreach or strain under cabinets
- Wear gloves against sharp pipes
- Check the jaws hold before pulling
- Keep the wrench clear of live pipework
- Store the tool closed

Maintenance & Consumables

- Clean the jaws of scale
- Oil the pivot and slide
- Check the spring still works
- Store in the plumbing tool box
- Replace worn grips

Specification & Buying Notes

A basin wrench with a pivotable jaw and a longer extension suits school plumbing repairs. Quality jaws grab worn nuts. Most sets include the T-bar handle.