

# Cable Ties and Mount Bases

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Fasteners & Hardware



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Cable ties (zip ties) bundle and secure wires, cables and components with a one-way ratchet, while mount bases with adhesive or screw holes fix the ties to panels and walls. Together they keep wiring tidy, safe and serviceable in every project and installation.

## Key Features

- Lengths from 100 to 500 mm
- Widths 2.5-9 mm for load ratings
- Colour options for coding
- Adhesive and screw-mount bases
- Releasable versions available

## Typical Uses in the Workshop

- Bundle wires inside panels and robots
- Secure cables along frames and cable trays
- Mount sensors and boards with bases
- Tidy bench and machine cabling

## Safe Operation

1. Select the tie length for the bundle
2. Thread and pull snug, not crushing the wires
3. Trim the tail flush with cutters
4. Peel and press mount bases on clean surfaces
5. Route bundles clear of moving parts

## SAFETY NOTES

- Cut tails are sharp - trim flush and dispose
- Do not over-tighten on data cables
- Keep ties away from heat sources
- Do not use as load-bearing straps
- Store ties out of reach of small children

#### Maintenance & Consumables

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- Keep ties sorted by length
- Check the mount bases still hold
- Retie bundles that loosen
- Restock the most used sizes
- Check adhesive mounts in hot areas

#### Specification & Buying Notes

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A bulk pack of 100, 200, 300 mm black ties plus a box of adhesive bases covers class wiring. Releasable ties are worth having for temporary prototypes.