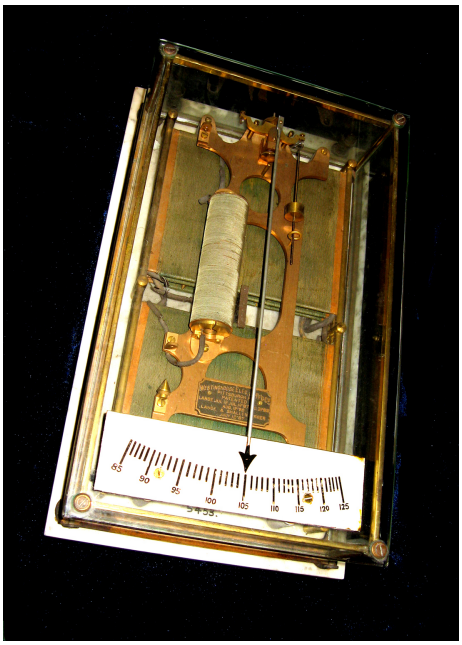
Magnetic Base Indicator Holders

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Measuring & Inspection



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A magnetic base indicator holder is a heavy stand with a strong on/off magnet that mounts dial indicators, DTIs and other gauges firmly to steel machine surfaces. Flexible arms hold the indicator in any position for setup and inspection work.

Key Features

- Two-position on/off magnetic force (80-120 kg)
- Fine adjustment mechanisms
- Articulating or rigid arms
- V-grooves for mounting on round bars
- Holders for standard indicator stems

Typical Uses in the Workshop

- Mount DTIs for lathe and mill setup
- Check table and fence alignment
- Hold indicators for runout measurement
- Secure dial gauges at the bench or machine

Safe Operation

1. Switch the magnet on against a clean steel surface
2. Clamp the indicator stem in the arm
3. Adjust the arm so the plunger touches the work
4. Use fine adjustment to zero the reading
5. Switch the magnet off before removal

SAFETY NOTES

- Check the magnet holds before letting go
- Keep the base away from screens and cards
- Do not let the indicator plunger spring back hard
- Store with the magnet off
- Handle carefully near machines; it is heavy

Maintenance & Consumables

- Clean the base face so the magnet grips well
- Check the locking knobs and joints
- Wipe the arm and indicator stem
- Replace worn indicator clamps
- Store in a padded box or drawer

Specification & Buying Notes

Buy a base with fine adjustment and a solid arm that holds position. A dual-magnet base with V-grooves is the most useful for school machines. Match the arm clamp to indicator stems used.