

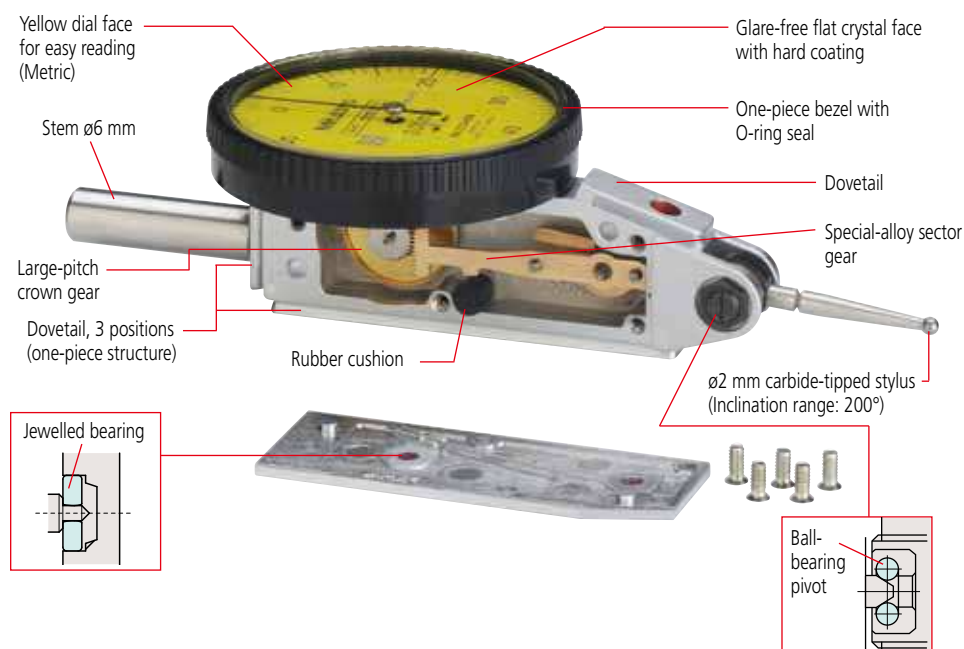
Dial Test Indicators

SERIES 513 – Lever Dial Test Indicators

Feature Icons

Icon	Feature description
	With revolution counter type.
	Long stylus type.
	Jewelled bearing type.
	Double scale spacing type, easy-on-the-eyes.
	Dustproof type.
	Anti-magnetic type.

- Designed to probe surfaces that cannot be reached with a normal dial gauge. Useful both for alignment and for measurement purposes.
- Mitutoyo's proprietary new design permits smooth pointer operation.
- Strong frame provides excellent rigidity and durability.
- Non-magnetic pointer and contact point permit reliable operation even in magnetic environments.
- Clear and concise wide dial face allows excellent visibility.
- Flat crystal makes graduations easy to read. Moreover, the O-ring sealing method used for the bezel prevents water or oil penetration. (Note that this model is NOT waterproof.)
- The surface of the crystal is hard-coated for excellent scratch resistance.
- Five types are available: horizontal, vertical, parallel, universal, and pocket, allowing users to select the model most suited to their needs.
 - Horizontal: The standard configuration.
 - Vertical: Best suited for centering a hole under the spindle of a machine tool.
 - Parallel: The scale can be read from the front, with the stylus pivoting in a plane parallel to that of the dial face.
 - Universal: The direction of the stylus movement can be freely changed.
 - Pocket: Compact type.



Features of dial test indicators with a ruby contact point

- Dial test indicators with a ruby contact point are available in the horizontal (standard) type.
- Benefits of ruby contact points:
 - Several times more resistant to wear than carbide.
 - Can be used on electrical discharge machines without special precautions.
 - Will not pick up ferrous swarf.

