

# Stands

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

## SERIES 7 — Magnetic Stands

- Mitutoyo's Magnetic Stands clamp to iron or steel surfaces with a strong magnetic force that is switchable ON or OFF to allow easy mounting and dismounting.
  - Vertical/horizontal mounting holes and bushes are available for attaching dial test indicators and dial indicators\*.
  - In addition, models **7014-10**, **7014E-10**, **7031-10**, **7032-10** and **7033-10** have a dovetail groove in the swivel holder for attaching dial test indicators that are equipped with a dovetail.
- \* Recommended dial indicators: compact and lightweight indicators\*.



7010-10



7011-10



7012-10



7014-10  
(magnetic clamping is non-switchable)



7033-10



7031-10

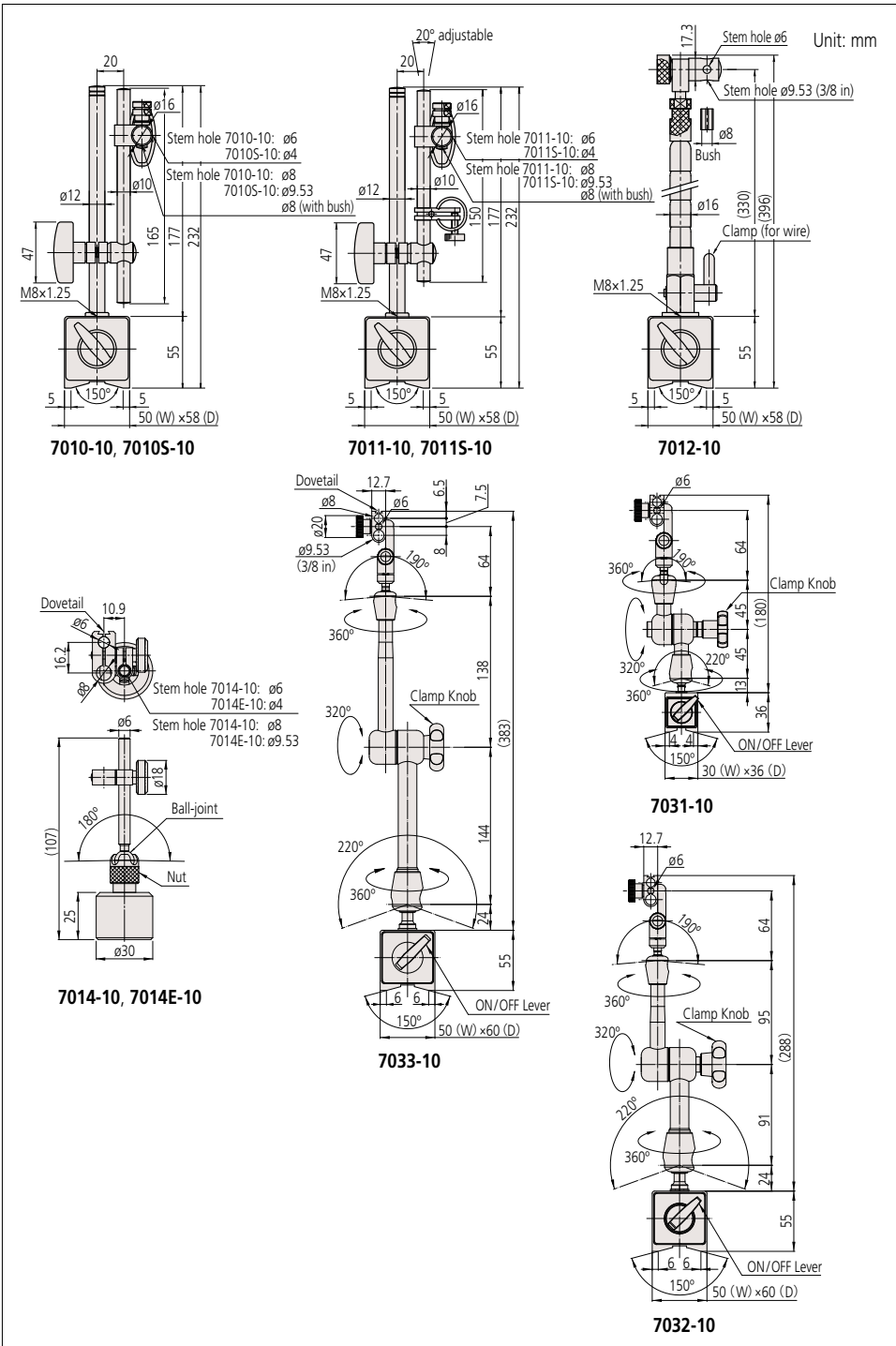


7032-10

# Stands

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

## DIMENSIONS



## SPECIFICATIONS

Order No.	Description	Applicable holding stem sizes	Magnetic force*1	Remarks
7010-10*2*3	Magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm	Approx. 600 N	—
7010S-10*2*3	Magnetic stand	$\varnothing 4$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in)	Approx. 600 N	—
7011-10*2*3	Magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm	Approx. 600 N	With fine adjustment
7011S-10*2*3	Magnetic stand	$\varnothing 4$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in)	Approx. 600 N	With fine adjustment
7012-10*4	Magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in)	Approx. 600 N	—
7014-10*4	Mini magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm, with dovetail	Approx. 150 N	Without magnet ON/OFF
7014E-10*2*3	Mini magnetic stand	$\varnothing 4$ mm, $\varnothing 9.53$ mm (3/8 in)	Approx. 150 N	Without magnet ON/OFF
7031-10	Universal magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in), with dovetail	Approx. 300 N	With mechanical locking system
7032-10	Universal magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in), with dovetail	Approx. 600 N	With mechanical locking system
7033-10	Universal magnetic stand	$\varnothing 6$ mm, $\varnothing 8$ mm, $\varnothing 9.53$ mm (3/8 in), with dovetail	Approx. 600 N	With mechanical locking system

\*1 The magnetic holding force applies to that needed for vertical separation from a thick and flat steel object.

\*2 Back plunger type (1160T, etc.) cannot be attached.

\*3 When attaching a compact dial indicator (outer frame diameter 31, 36 or 40 mm), select a back cover type with a lug.

\*4 Use with a dial test indicator or SERIES 1 dial indicator (compact or lightweight type) is recommended.