

SERIES 7 — Magnetic Stands

- Mitutoyo's magnetic stands clamp to iron or steel surfaces with a strong force and are indispensable for temporarily mounting a dial test indicator (or dial indicator) onto a machine tool or fixture for general alignment applications.
- Vertical/horizontal mounting holes and bushes are available for attaching dial test indicators and dial indicators.
- 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.



7010-10



7011-10



7012-10



7014-10
(magnetic clamping is non-switchable)



7033-10



7031-10



7032-10

SPECIFICATIONS

Code No.	Description	Applicable holding stem sizes	Magnetic force*1	Remarks
7010-10*2*3	Magnetic stand	ø6 mm, ø8 mm	Approx. 600 N	—
7010S-10*2*3	Magnetic stand	ø4 mm, ø8 mm, ø0.375 in	Approx. 600 N	—
7011-10*2*3	Magnetic stand	ø6 mm, ø8 mm	Approx. 600 N	With fine adjustment
7011S-10*2*3	Magnetic stand	ø4 mm, ø8 mm, ø0.375 in	Approx. 600 N	With fine adjustment
7012-10*4	Magnetic stand	ø6 mm, ø8 mm, ø0.375 in	Approx. 600 N	—
7014-10*4	Mini magnetic stand	ø6 mm, ø8 mm, with dovetail	Approx. 150 N	Without magnet ON/OFF
7014E-10*2*3	Mini magnetic stand	ø4 mm, ø0.375 in	Approx. 150 N	Without magnet ON/OFF
7031-10	Universal magnetic stand	ø6 mm, ø8 mm, ø0.375 in, with dovetail	Approx. 300 N	With mechanical locking system
7032-10	Universal magnetic stand	ø6 mm, ø8 mm, ø0.375 in, with dovetail	Approx. 600 N	With mechanical locking system
7033-10	Universal magnetic stand	ø6 mm, ø8 mm, ø0.375 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 (**1160A**, 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.

DIMENSIONS

