

Micrometer

The origin of Mitutoyo's trustworthy brand of small tool instruments

Micrometer Stands SERIES 156

- Designed to allow benchtop use of hand micrometers or other gages which have frames suitable for gripping by the clamp.



156-105-10



156-101-10



156-102

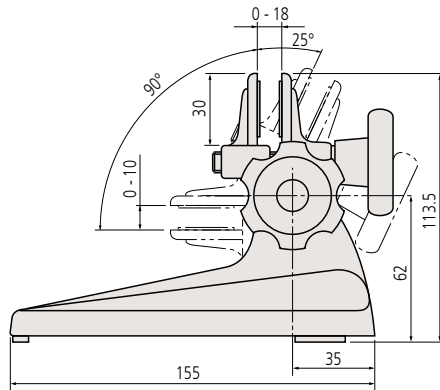
SPECIFICATIONS

Order No.	Micrometer ranges	Remarks
156-101-10	Up to 100mm (4")*	Adjustable angle type
156-105-10	0-25mm (0-1"), 25-50mm (1"-2")	Fixed angle type
156-102	125-300mm (5"-12")	Vertical type
156-103	300-1000mm (12"-40")	Vertical type

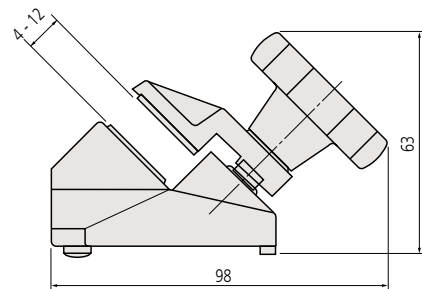
* Items that cannot be mounted on these stands
(Order No. 406-253-30, 323-253-30, 331-254-30, 342-254-30, 342-264-30, 369-253-30, 422-232-30, 422-233-30, etc.)

DIMENSIONS

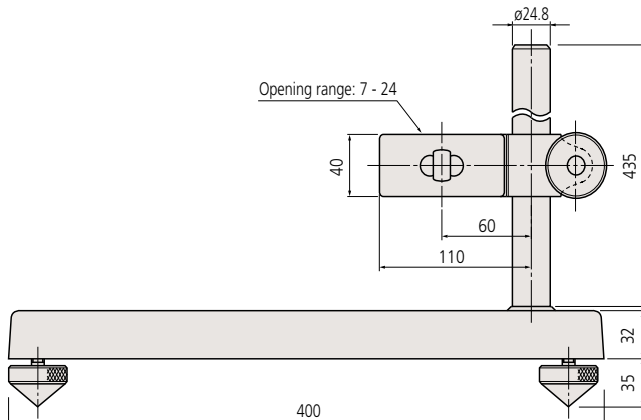
Unit: mm



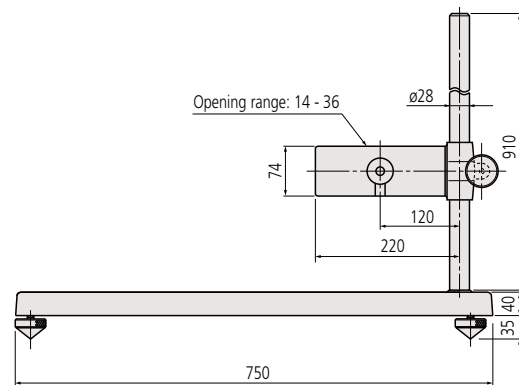
156-101-10



156-105-10



156-102



156-103

Stands

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

SERIES 7 — Magnetic Stands

- Mitutoyo's Magnetic Stands accept all dial indicators and dial test indicators (with stem $\varnothing 6$ or $\varnothing 8$) and clamp to iron or steel surfaces with a strong magnetic force.
- **7014-10**, **7031**, **7032** and **7033B** have a dovetail groove.



7010-10



7011-10



7012-10



7014-10
(without ON/OFF switching of magnetic clamping)



7033B

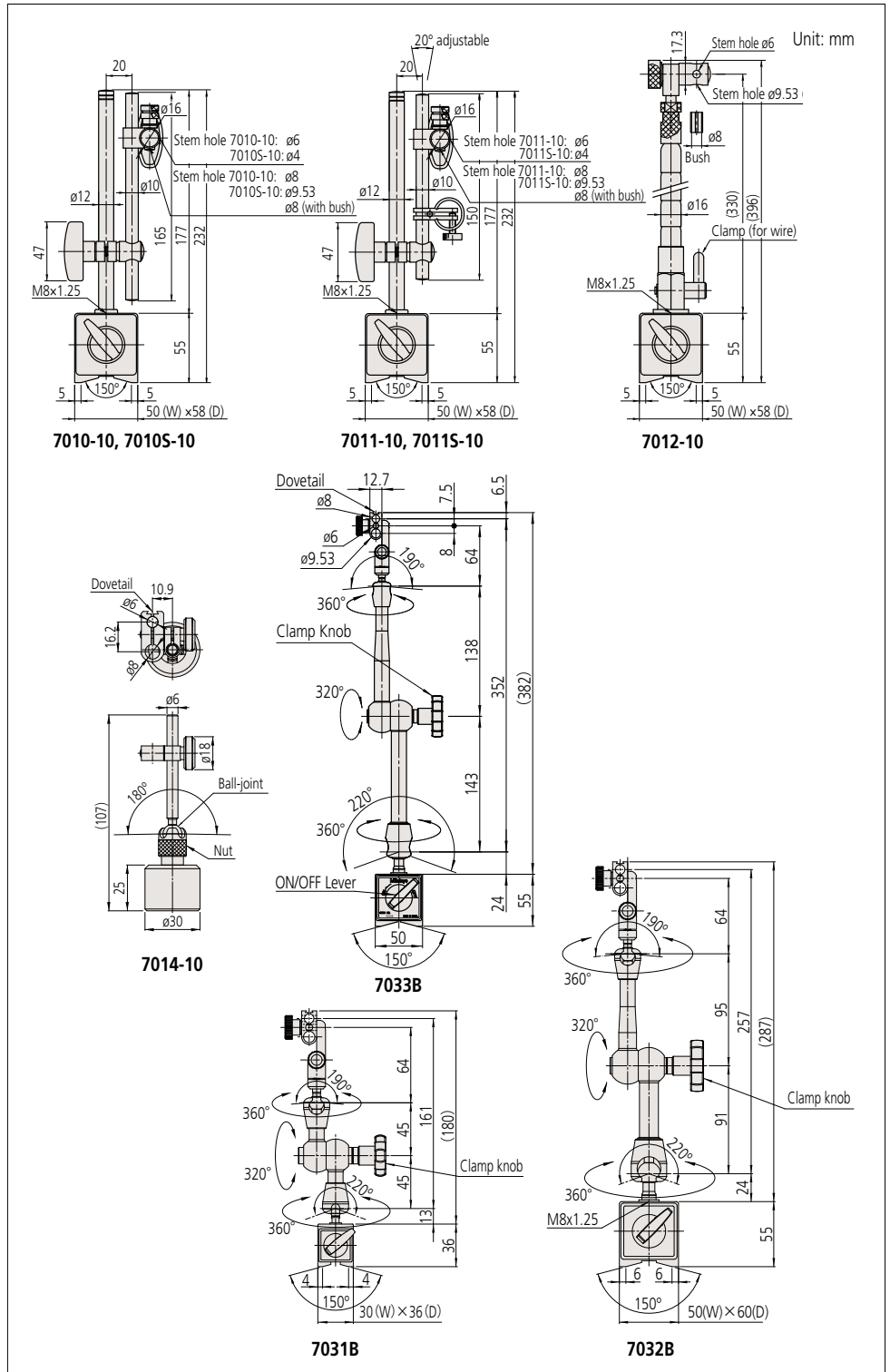


7031B



7032B

DIMENSIONS



SPECIFICATIONS

Order No.	Description	Applicable holding stem dia.	Magnetic force	Remarks
7010-10	Magnetic stand	ø6mm, ø8mm	Approx. 600N	—
7010S-10	Magnetic stand	ø4mm, ø8mm, ø9.53mm (3/8")	Approx. 600N	—
7011-10	Magnetic stand	ø6mm, ø8mm	Approx. 600N	With fine adjustment
7011S-10	Magnetic stand	ø4mm, ø8mm, ø9.53mm (3/8")	Approx. 600N	With fine adjustment
7012-10	Magnetic stand	ø6mm, ø8mm, ø9.53mm (3/8")	Approx. 600N	—
7014-10	Mini magnetic stand	ø6mm, ø8mm	Approx. 150N	Without magnet ON/OFF
7014E-10	Mini magnetic stand	ø4mm, ø9.53mm (3/8")	Approx. 150N	Without magnet ON/OFF
7033B	Universal magnetic stand	ø6, ø8mm, ø9.53mm (3/8")	Approx. 600N	With mechanical locking system
7031B	Universal magnetic stand	ø6, ø8mm, ø9.53mm (3/8")	Approx. 300N	With mechanical locking system
7032B	Universal magnetic stand	ø6, ø8mm, ø9.53mm (3/8")	Approx. 600N	With mechanical locking system

Stands

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

Dial Gage Stands SERIES 7

- Dial Gage Stands are designed for comparison measurements of size using a dial indicator or Digimatic Indicator.
- Anvil of 7001-10 and 7002-10: $\varnothing 58\text{mm}$
Anvil of 7007-10: 90mm square
- Vertical fine adjustment is available with one-touch control thanks to the parallel spring suspension.



7001-10
(with $\varnothing 58\text{mm}$ serrated anvil)

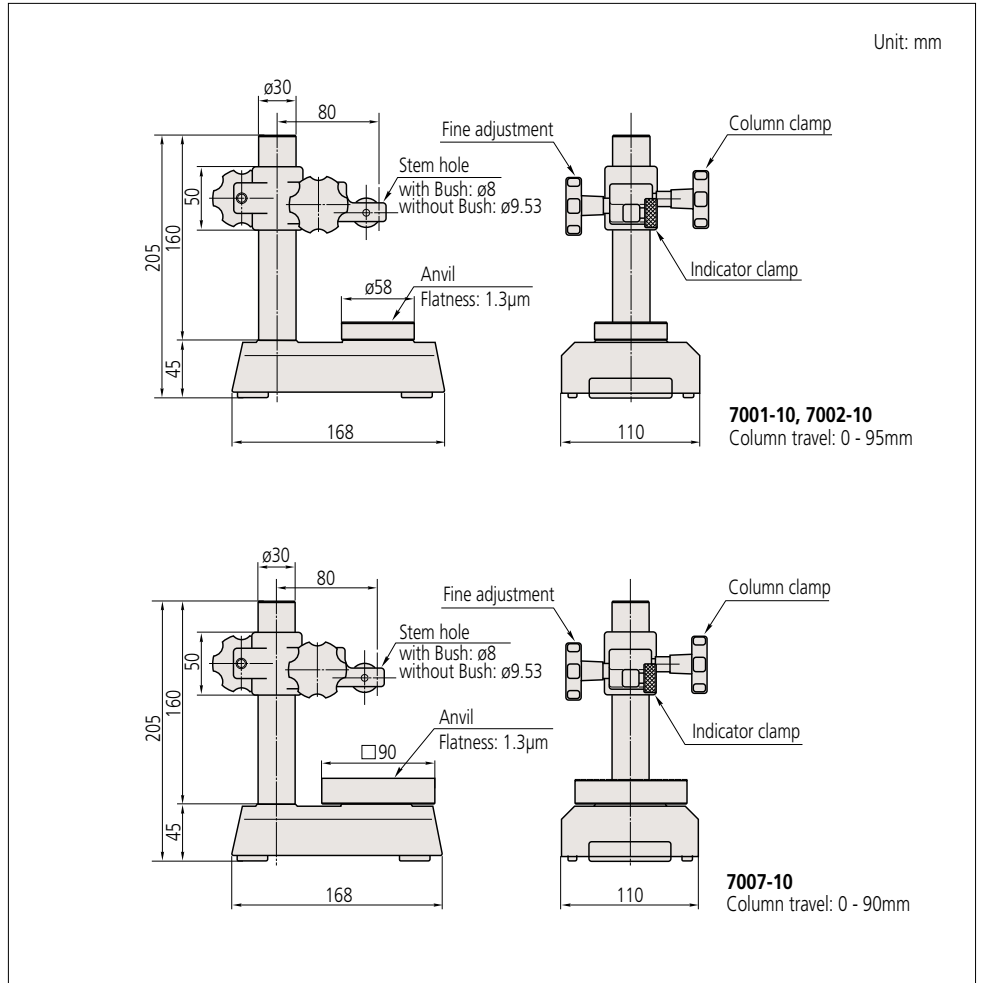


7002-10
(with $\varnothing 58\text{mm}$ flat anvil)



7007-10
(with 90mm square anvil)

DIMENSIONS



SPECIFICATIONS

Metric		
Order No.	Stem hole	Remarks
7001-10	ø8mm, ø9.53mm	With serrated anvil
7002-10	ø8mm, ø9.53mm	With flat anvil
7007-10	ø8mm, ø9.53mm	With square anvil

* Perpendicularity of the mounting hole to the anvil: less than 0.4mm/100mm

* Take note that when mounting the high-accuracy Linear Gages (with resolution of 0.1µm or less) to these stands, it may affect the indication value depends on the perpendicularity of the mounting hole to the top surface of the anvils.

Optional Accessories

101462: Hardened steel serrated anvil



101461: Hardened steel flat anvil



101463: Hardened steel domed anvil*
*Not available for 7007-10.

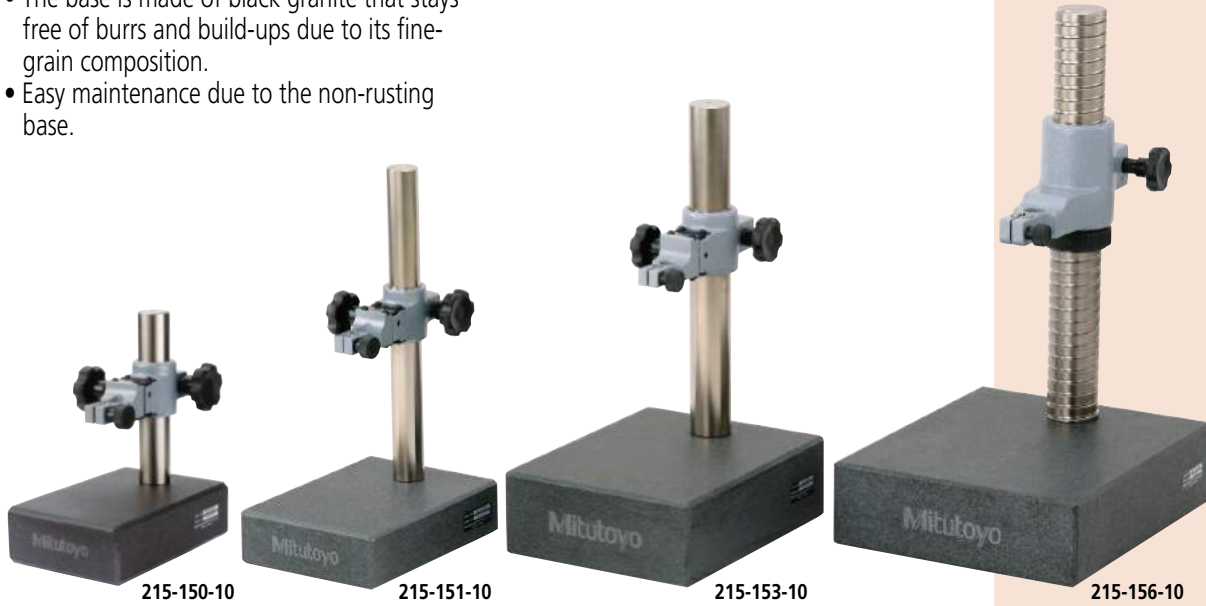


Stands

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

SERIES 215 — Granite Comparator Stands

- The base is made of black granite that stays free of burrs and build-ups due to its fine-grain composition.
- Easy maintenance due to the non-rusting base.



SPECIFICATIONS

Order No.	Granite base size (W x D x H)	Column travel	Stem hole	Remarks
215-150-10	120 x 180 x 50mm	110mm	ø8mm, ø9.53mm	With fine adjustment of 1mm range
215-151-10	150 x 200 x 50mm	250mm	ø8mm, ø9.53mm	With fine adjustment of 1mm range
215-153-10	200 x 250 x 80mm	260mm	ø8mm, ø9.53mm	With fine adjustment of 1mm range
215-156-10	300 x 250 x 80mm	275mm	ø8mm, ø9.53mm, ø20mm	With fine adjustment over the entire travel

* Perpendicularity of the mounting hole to the anvil: less than 0.2mm/100mm.

* Take note that when mounting the high-accuracy Linear Gages (with resolution of 0.1µm or less) to these stands, it may affect the indication value depends on the perpendicularity of the mounting hole to the top surface of the anvils.

Optional Accessories

- 21JAA329: ø8mm bush
 - 21JAA330: ø9.53mm bush
 - 21JAA331: ø15mm bush
- only available for 215-156-10

DIMENSIONS

