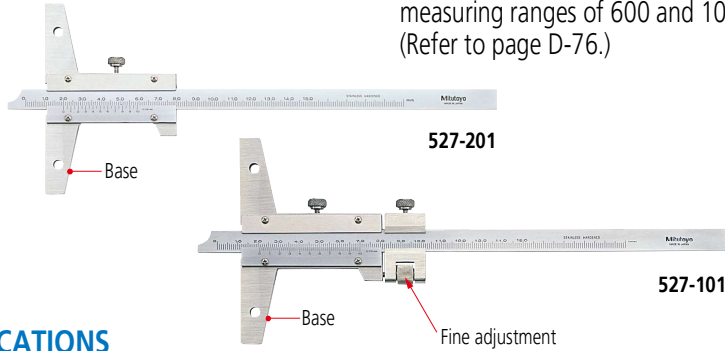


Depth Gage

Vernier Depth Gage SERIES 527

- Standard gage for depth measurement.
- Optional longer extension bases are available. (Except for models with measuring ranges of 600 and 1000 mm). (Refer to page D-76.)



SPECIFICATIONS

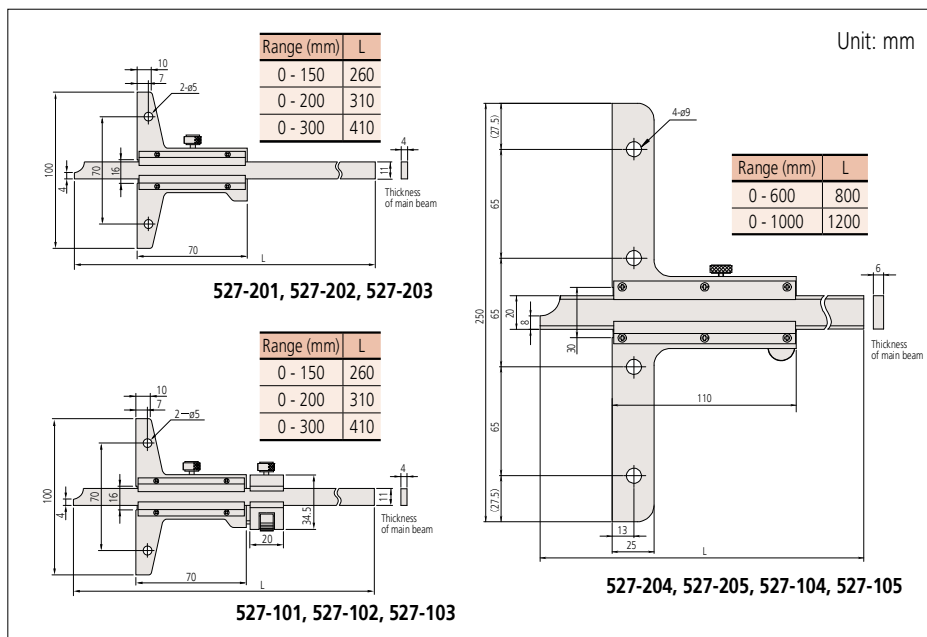
Metric					
Order No.	Range (mm)	Minimum reading (mm)	Base (W×T) (mm)	Maximum permissible error E_{MPE} (mm)*	Remarks
527-201	0 - 150	0.05	100×6.5	±0.05	—
527-202	0 - 200			±0.08	—
527-203	0 - 300			±0.10	—
527-204	0 - 600		250×10	±0.10	—
527-205	0 - 1000			±0.15	—

Metric					
Order No.	Range (mm)	Minimum reading (mm)	Base (W×T) (mm)	Maximum permissible error E_{MPE} (mm)*	Remarks
527-101	0 - 150	0.02	100×6.5	±0.03	with fine adjustment
527-102	0 - 200			±0.04	
527-103	0 - 300			±0.05	
527-104	0 - 600		250×10	±0.05	
527-105	0 - 1000			±0.07	

Inch					
Order No.	Range (in)	Minimum reading (in)	Base (W×T) (in)	Maximum permissible error E_{MPE} (in)*	Remarks
527-111	0 - 6	0.001	3.93×0.25	±0.001	with fine adjustment
527-112	0 - 8			±0.0015	
527-113	0 - 12			±0.002	
527-114	0 - 24		9.8×0.39	±0.002	
527-115	0 - 40			±0.003	

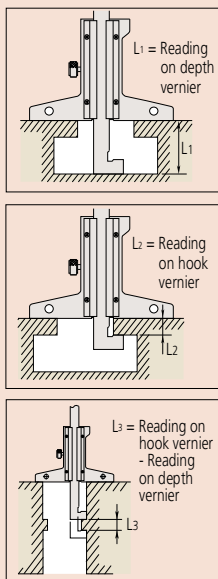
* Maximum permissible error, E_{MPE} , is the term (notation) used in JIS B 7518: 2018, revised based on ISO/TR 14253-6: 2012.

DIMENSIONS

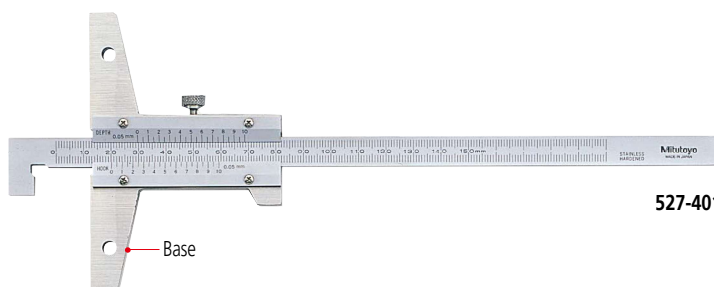


Depth Gage SERIES 527 — Hook End Type Pin End Type

Typical applications



- The end of the main scale is hook-shaped to allow depth and thickness measurements of a projected portion or lip in a hole, in addition to standard depth measurement.
- Depth can be directly measured with the upper vernier of the slider and thickness with the lower vernier.
- Optional longer extension bases are available. (Refer to page D-76.)



SPECIFICATIONS

Metric				
Order No.	Range (mm): L1 (L2 and L3)	Resolution/Graduation (mm)	Base (W×T) (mm)	Maximum permissible error E_{MPE} (mm)*
527-401	10 - 150 (0 - 150)	0.05	100×6.5	±0.05
527-402	10 - 200 (0 - 200)			±0.08
527-403	10 - 300 (0 - 300)			±0.03
527-411	10 - 150 (0 - 150)	0.02		±0.04
527-412	10 - 200 (0 - 200)			
527-413	10 - 300 (0 - 300)			

• Battery: SR44 (1 pc.), **938882**. For initial operational checks (standard accessory).

* Maximum permissible error, E_{MPE} , is the term (notation) used in JIS B 7518: 2018, revised based on ISO/TR 14253-6: 2012.

DIMENSIONS

