

Height Gage

Vernier Height Gage

SERIES 514, 506 — Standard Height Gage with Adjustable Main Scale

- Standard Vernier height gage. Fits comfortably in the hand and moves easily on the surface plate.
- Scriber is provided as a standard accessory.
- When installing a dial indicator or dial test indicator on **506-207**, ensure that the overall system can keep a good weight balance to ensure reliable measurement.
- The main scale slides and clamps within the column for quick and convenient zero-setting. (only for the **514** Series)



Standard Accessories

Code No.	Description	Models
900173	Scriber	506-207 506-208
07GZA000	Scriber	514-102 514-103 514-104 514-105 514-106 514-107
905200	Scriber	514-108 514-109
06AGR304	Scriber clamp box	506-207 506-208
05GZA033	Scriber clamp box	514-102 514-103 514-104 514-105 514-106 514-107 514-108 514-109

SPECIFICATIONS

Metric

Code No.	Range (mm)	Minimum reading (mm)	Scale adjustment (mm)	Fine feed (mm)	Maximum permissible error E_{MPE} (mm)*	Height (mm)	Mass (kg)
506-207	0 - 200	0.02	—	4	± 0.03	341	1.4
514-102	0 - 300		15		7	± 0.04	525
514-104	0 - 450			6		± 0.05	675
514-106	0 - 600				870	7.4	
514-108	0 - 1000		25	1340	20		

Inch / Metric

Code No.	Range (in)	Minimum reading	Scale adjustment (in)	Fine feed (in)	Maximum permissible error E_{MPE} (in)*	Height (mm)	Mass (kg)
506-208	0 - 8	0.001 in/0.02 mm	—	0.16	± 0.001	341	1.4
514-103	0 - 12		0.6		0.27	± 0.002	525
514-105	0 - 18			675			3.4
514-107	0 - 24			870	7.4		
514-109	0 - 40		1	0.24	± 0.003	1340	20

• Reading magnifier (optional): **514-102, 104, 106: 07GZA003, 514-108: 07GZA015**

* Maximum permissible error, E_{MPE} is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.