

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.
- Carbide-tipped 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.



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		±0.04	525	3.1
514-104	0 - 450		7	±0.05	675	3.4	
514-106	0 - 600				870	7.4	
514-108	0 - 1000		25	6	±0.07	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		±0.002	525	3.1
514-105	0 - 18					675	3.4
514-107	0 - 24			0.27		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**
• Standard Accessories: Scriber **905200**, Scriber clamp box **05GZA033**
* Maximum permissible error, E_{MPE} is the term (notation) used in JIS B 7517: 2018, revised based on ISO/TR 14253-6: 2012.

Standard Accessories

Code No.	Description	Models
07GZA000	Carbide-tipped scriber	514-102, 514-104, 514-106, 514-103, 514-105, 514-107
905200	Carbide-tipped scriber	514-108, 514-109
05GZA033	Scriber clamp box	514-102, 514-104, 514-106, 514-108, 514-103, 514-105, 514-107, 514-109

DIMENSIONS

