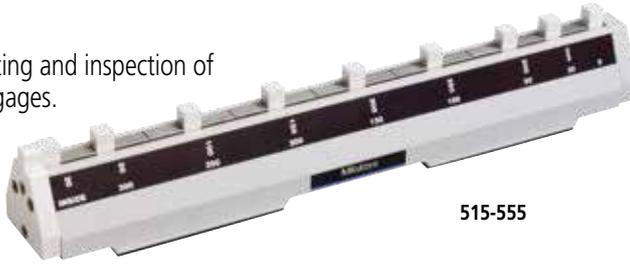


Height Gage

A standard measuring tool of industry

CERA Caliper Checker SERIES 515

- Enables efficient setting and inspection of calipers and height gages.



515-555

SPECIFICATIONS

Metric

Order No.	Range (mm)	Block pitch accuracy*		Parallelism of blocks*		Mass (kg)
		20 - 300 mm	350 - 600 mm	20 - 300 mm	350 - 600 mm	
515-555	0 - 300	±5.0 μm	—	2.0 μm	—	4
515-556-2	0 - 600		±7.0 μm	4.0 μm	8.5	

* The block accuracy and the parallelism of blocks are based on the following:

- Outside caliper and height gage: lower end reference plane
- Inside caliper: inside reference plane

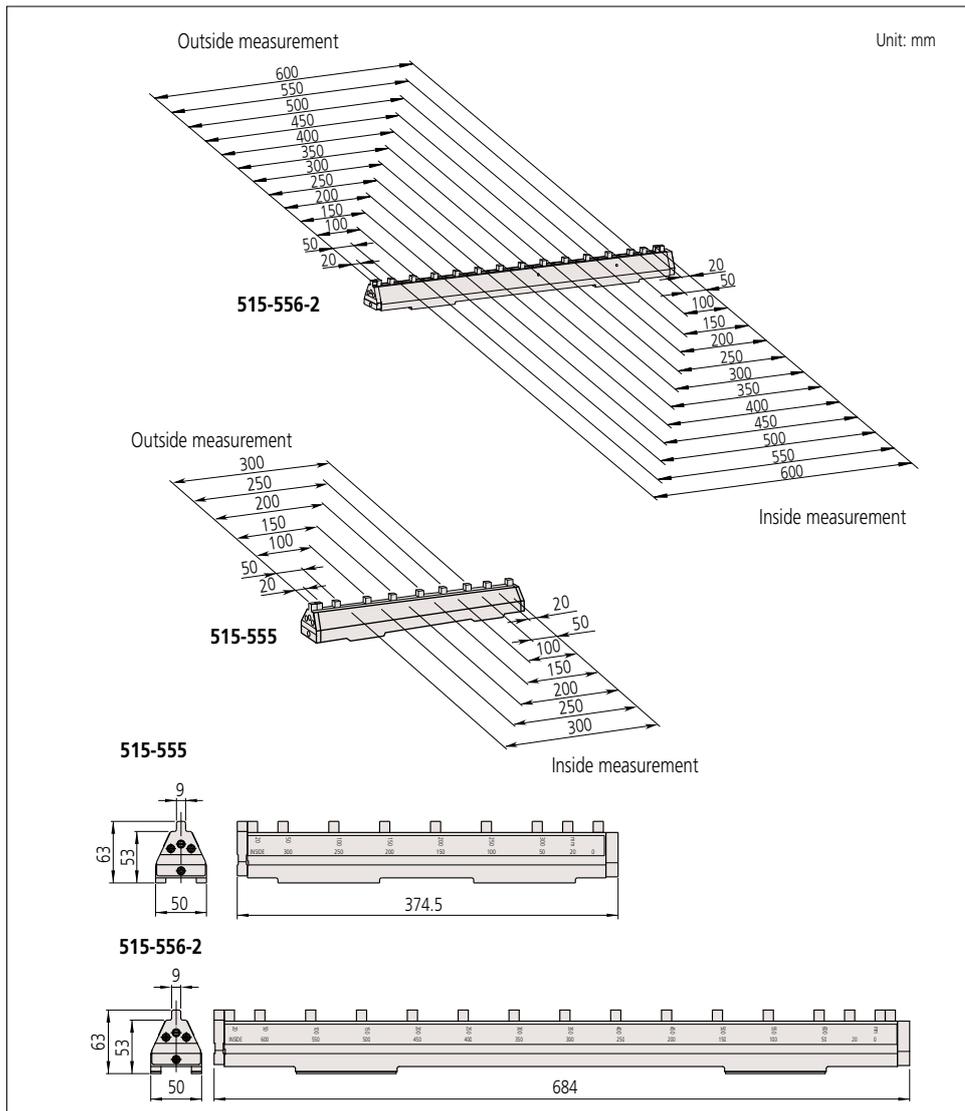
Inch

Order No.	Range (in)	Block pitch accuracy*		Parallelism of blocks*		Mass (kg)
		1 - 12 in	1 - 12 in	1 - 12 in	1 - 12 in	
515-565	0 - 12	±0.0002 in		0.00008 in		4

* The block accuracy and the parallelism of blocks are based on the following:

- Outside caliper and height gage: lower end reference plane
- Inside caliper: inside reference plane

DIMENSIONS



An inspection certificate is supplied as standard. Refer to page U-11 for details.

Applications



Checking accuracy of caliper (outside measurement)



Checking accuracy of caliper (inside measurement)



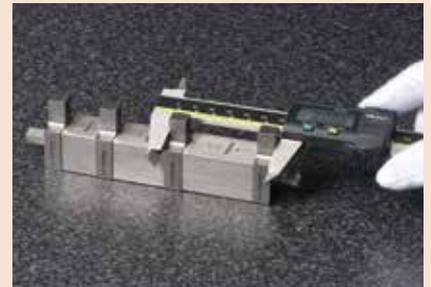
Checking accuracy of height gage

Optional Accessories

- 602162: Wooden case for 300 mm, 12 inch model
- 602164: Wooden case for 600 mm model

Square Gauge Block Accessories Set

Refer to page E-25 for details.

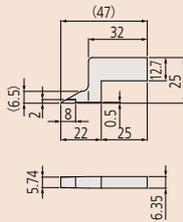


Using plain jaws, a tie rod, knurled-head screws and square gage blocks to construct a temporary caliper checker.

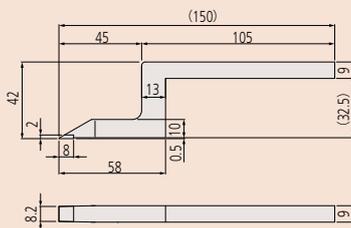
Scriber DIMENSIONS

900173

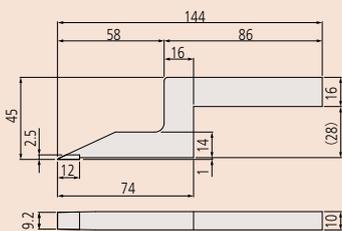
Unit: mm



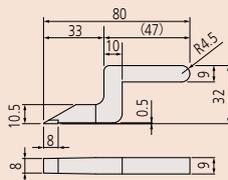
905200



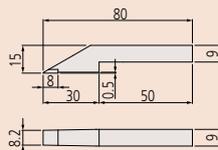
900390



07GZA000



900168



Height Gage Optional accessories for height gages

SPECIFICATIONS

Metric	
Order No.	Applicable Height Gages
07GZA000	192 Series Digimatic Height Gages (192-613-10, 192-614-10, 192-615-10)
	570 Series Digimatic Height Gages (570-302, 570-304)
	192 Series Dial Height Gages (192-130, 192-131, 192-132, 192-133)
	514 Series Vernier Height Gages (514-102, 514-104, 514-106, 514-103, 514-105, 514-107)
	574 Series Heightmatic (574-112-1, 574-111-1, 574-110-1)
900168	570 Series Digimatic Height Gages (570-322/324)
905200	514 Series Vernier Height Gages (514-160/172)
	192 Series Digimatic Height Gages (192-663-10, 192-664-10, 192-665-10)
905200	570 Series Digimatic Height Gages (570-230)
	514 Series Vernier Height Gages (514-108, 514-109)
900390	514 Series Vernier Height Gage (514-170)

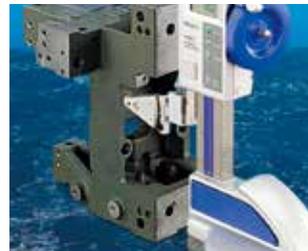
Inch	
Order No.	Applicable Height Gages
900173	570 Series Digimatic Height Gages (570-227, 570-244)
	506 Series Vernier Height Gages (506-201/207/204, 506-208)
900258	192 Series Digimatic Height Gages (192-630-10, 192-631-10, 192-632-10, 192-633-10)
	570 Series Digimatic Height Gages (570-312, 570-313, 570-314)
	574 Series Heightmatic (574-212-1, 574-211-1, 574-210-1)
905201	192 Series Digimatic Height Gages (192-670-10, 192-671-10, 192-672-10, 192-673-10)
	570 Series Digimatic Height Gages (570-248)

Contact Sensor



- **900872**
- The contact sensor eliminates errors caused by non-contact of the slider with a workpiece while making measurements. When the scriber of a height gage touches a conductive workpiece, an indicator lights up to indicate that a measurement can be taken, which results in consistent results.
- Magnet is incorporated.
- Battery (PR44, 2 pcs required) is not included.
- For precision Black Granite Surface Plates, refer to page E-46.

Center Probe



- **951144**
- Allows quick measurement of center-to-center distance between holes.
- Measurable hole diameters: 1 - 38 mm
- Mounting bar section: 9x9 mm

Depth Gage Attachment



- **900764**
- Attaches to a height gage for measuring groove and hole depth.
- Minimum hole diameter: 5.5 mm
- Maximum distance from the bottom of the holding bar to the contact point: 80 mm (metric type), 2.95 inch (inch type)
- Dial indicator contact points are usable. (Refer to pages F-57.)
- Mounting bar section: 9x9 mm
- Holding bar length: 100 mm