

49P Caliper Gages

The most widely used gages for checking medium tolerance dimensions on patterns, castings, forgings, dies, sheet metal.



Features

- The most widely used gages for checking medium tolerance dimensions on patterns, castings, forgings, dies, sheet metal.
- Generous clearance on jaws reaches over non-measured part protrusions for easy access to areas where thickness must meet critical dimensional specs.
- Retraction lever is conveniently located for one-hand operation.
- .02mm or .1mm/ .01", .001", or 1/64" grads. available.
- Continuous reading dials with revolution counters normally provided.
- Cylindrical radius steel contact tips normally furnished.

Technical Data

Metric	Order no.		Capacity*	Gaging Depth	Minimum Graduation	A	B
	Inch						
49P-17M	49P-17		0 - 50 mm/ 0 - 2"	100 mm/ 4"	0.02 mm/ .001" grads.	1-1/4	1-1/4
49P-19M	49P-19		0 - 50 mm/ 0 - 2"	200 mm/ 8"	0.02 mm/ .001" grads.	2-9/16	2
49P-1M	49P-1		0 - 75 mm/ 0 - 3"	100 mm/ 4"	0.1 mm/ .01" grads.	1-1/4	1-1/4
49P-2M	49P-2		0 - 75 mm/ 0 - 3"	200 mm/ 8"	0.1 mm/ .01" grads.	2-9/16	2

* Ordinarily this gage is used as a comparator. The actual measuring range of the instrument is 38mm/1.50".

If the gage is used for direct linear measurement, chordal errors may need to be corrected.

Contact Mahr Federal Technical Assistance for details.

Special Applications

Series 49P and 149P Caliper Gages have many design possibilities. Specially shaped arms of various lengths can be designed to reach inaccessible spots or get around obstructions to make measurements possible which might otherwise go unchecked. For alternate contact shapes or materials, alternate capacities and gaging depths, and special designs to meet your application contact Mahr Federal Technical Assistance.

