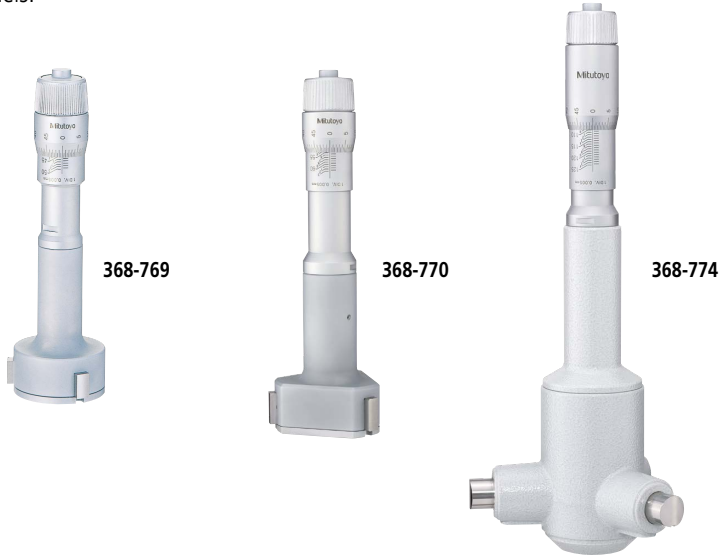




Holtest (Type II)
SERIES 368 — Three-point Bore Micrometers

- The Holtests (type II) have three contact points made of alloy steel for a more economically priced tool.
- Same accuracy as the titanium-coated Holtest models.
- Constant-force device allows stable measurement.
- Can measure deep holes using an extension rod (optional).



Measurement example



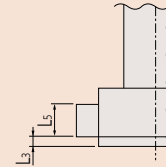
Reference dimensions when measuring a blind hole

Range (mm)	L ₃ (mm)	L ₅ (mm)
12 - 20	2.6 or below	3.5
20 - 30	3.4 or below	5.2
30 - 50		10.0
50 - 100		14.0
100 - 300	19.6 or below	13.8

SPECIFICATIONS

Metric Individual					Inch Individual				
Code No.	Range* ² (mm)	Graduation (mm)	Maximum permissible error J_{MPE} (μm)* ¹	Extension Rod (optional)	Code No.	Range* ² (in)	Graduation (in)	Maximum permissible error J_{MPE} (in)* ¹	Extension Rod (optional)
368-764	12 - 16	0.005	±3 (maximum difference 3)	952621 (150 mm)	368-864	0.5 - 0.65	0.0002	±0.00015 (maximum difference 0.00015)	952621 (150 mm)
368-765	16 - 20				368-865	0.65 - 0.8			
368-766	20 - 25			952622 (150 mm)	368-866	0.8 - 1			
368-767	25 - 30				368-867	1 - 1.2			
368-768	30 - 40			952623 (150 mm)	368-868	1.2 - 1.6			
368-769	40 - 50				368-869	1.6 - 2			
368-770	50 - 63			±4 (maximum difference 4)	368-870	2 - 2.5			
368-771	62 - 75				368-871	2.5 - 3			
368-772	75 - 88			±5 (maximum difference 5)	368-872	3 - 3.5			
368-773	87 - 100				368-873	3.5 - 4			
368-774	100 - 125		±6 (maximum difference 6)	368-874	4 - 5				
368-775	125 - 150			368-875	5 - 6				
368-776	150 - 175		952623 (150 mm)	368-876	6 - 7				
368-777	175 - 200			368-877	7 - 8				
368-778	200 - 225		±0.00025 (maximum difference 0.00025)	368-878	8 - 9				
368-779	225 - 250			368-879	9 - 10				
368-780	250 - 275		±0.0003 (maximum difference 0.0003)	368-880	10 - 11				
368-781	275 - 300			368-881	11 - 12				

*1 Additionally, the difference in permissible error allowable is limited to a value within this range, as given in parentheses, and is measured with the entire measuring surface in contact with the object measured.
 *2 The measurement range cannot be enlarged by measuring heads that are not standard-supplied (the accuracy is not guaranteed).
 Note: Setting rings are optional.



For details of Special-order Products, refer to page 13-16.

DIMENSIONS

Unit: mm	Range		L ₂	L ₁
		12 - 16, 16 - 20	20 - 25, 25 - 30	82
	30 - 40, 40 - 50	50 - 63, 62 - 75, 75 - 88, 87 - 100	94	137 - 142
	100 - 125, 125 - 150, 150 - 175, 175 - 200	200 - 225, 225 - 250, 250 - 275, 275 - 300	102	145 - 155
			105	150 - 163
			161	227 - 252

Note: External appearance differs depending on the measuring range.