

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

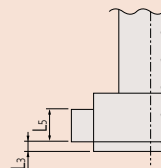
SPECIFICATIONS

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				368-866	0.8 - 1						
368-767	25 - 30				368-867	1 - 1.2			952622 (150 mm)			
368-768	30 - 40				368-868	1.2 - 1.6						
368-769	40 - 50				368-869	1.6 - 2						
368-770	50 - 63		±4 (maximum difference 4)	952623 (150 mm)	368-870	2 - 2.5		±0.0002 (maximum difference 0.0002)				
368-771	62 - 75					368-871			2.5 - 3			
368-772	75 - 88					368-872			3 - 3.5			
368-773	87 - 100				±5 (maximum difference 5)				368-873	3.5 - 4	±0.00025 (maximum difference 0.00025)	952623 (150 mm)
368-774	100 - 125								368-874	4 - 5		
368-775	125 - 150	±6 (maximum difference 6)			368-875	5 - 6	±0.0003 (maximum difference 0.0003)					
368-776	150 - 175				368-876	6 - 7						
368-777	175 - 200				368-877	7 - 8						
368-778	200 - 225				368-878	8 - 9						
368-779	225 - 250				368-879	9 - 10						
368-780	250 - 275				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			82	126 - 130
		20 - 25, 25 - 30			94	137 - 142
		30 - 40, 40 - 50			102	145 - 155
		50 - 63, 62 - 75, 75 - 88, 87 - 100			105	150 - 163
		100 - 125, 125 - 150, 150 - 175, 175 - 200			161	227 - 252
		200 - 225, 225 - 250, 250 - 275, 275 - 300				

Note: External appearance differs depending on the measuring range.