

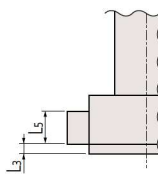
Holtest

For easy and accurate measurement of inside diameters

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

- Affordable, entry-level Holtest.
- Same accuracy as the titanium-coated Holtest models.
- For details of Setting Rings, refer to page C-47.
- Constant-force device allows repeatable measurement, regardless of operator's skill.

Range (mm)	L ₃ (mm)	L ₅ (mm)
12 - 20	2.6 or below	3.5
20 - 30		5.2
30 - 50	3.4 or below	10
50 - 100		14
100 - 300	19.6 or below	13.8



- Deep holes can be measured by attaching an Extension Rod (optional).



368-769



368-770



368-774



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



For details of Special-order Products, refer to page C-49.

SPECIFICATIONS

Metric		Individual		
Order No.	Range*2 (mm)	Graduation (mm)	Maximum permissible error J _{MPE} (μm)*1	Extension Rod (optional)
368-764	12 - 16	0.005	±3 (within 3)	952621 (150 mm)
368-765	16 - 20			952622 (150 mm)
368-766	20 - 25			
368-767	25 - 30			
368-768	30 - 40			
368-769	40 - 50		±4 (within 4)	
368-770	50 - 63			
368-771	62 - 75			
368-772	75 - 88			
368-773	87 - 100		±5 (within 5)	
368-774	100 - 125			
368-775	125 - 150			
368-776	150 - 175			
368-777	175 - 200		±6 (within 6)	
368-778	200 - 225			
368-779	225 - 250			
368-780	250 - 275			
368-781	275 - 300			

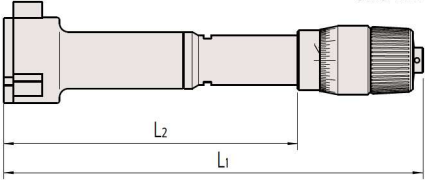
Inch	Individual			
Order No.	Range*2 (in)	Graduation (in)	Maximum permissible error J _{MPE} (in)*1	Extension Rod (optional)
368-864	0.5 - 0.65	0.0002	±0.00015 (within 0.00015)	952621 (150 mm)
368-865	0.65 - 0.8			952622 (150 mm)
368-866	0.8 - 1			
368-867	1 - 1.2			
368-868	1.2 - 1.6			
368-869	1.6 - 2		±0.0002 (within 0.0002)	
368-870	2 - 2.5			952623 (150 mm)
368-871	2.5 - 3			
368-872	3 - 3.5			
368-873	3.5 - 4			
368-874	4 - 5		±0.00025 (within 0.00025)	
368-875	5 - 6			
368-876	6 - 7		±0.0003 (within 0.0003)	
368-877	7 - 8			
368-878	8 - 9			
368-879	9 - 10			
368-880	10 - 11			
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.

DIMENSIONS

	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 - 200 200 - 225, 225 - 250, 250 - 275, 275 - 300	161	227 - 252

Note: External appearance differs depending on the measuring range.

Non-Interchangeable-Head Sets

Metric				Inch			
Order No.	Range* (mm)	Graduation (mm)	Content of Set	Order No.	Range* (in)	Graduation (in)	Content of Set
368-991	12 - 20	0.005	Micrometer head unit	368-995	0.5 - 0.8	0.0002	Micrometer head unit
			12 - 16 mm 1 pc.				0.5 - 0.65 in 1 pc.
			16 - 20 mm 1 pc.				0.65 - 0.8 in 1 pc.
			Setting ring (ø16) 1 pc.				Setting ring (0.65 in DIA.) 1 pc.
			Extension rod (150 mm) 1 pc.				Extension rod (150 mm) 1 pc.
Spanner 2 pcs.	Spanner 2 pcs.						
Hex wrench 1 pc.	Hex wrench 1 pc.						
368-992	20 - 50		Micrometer head unit	368-996	0.8 - 2		Micrometer head unit
			20 - 25 mm 1 pc.				0.8 - 1 in 1 pc.
			25 - 30 mm 1 pc.				1 - 1.2 in 1 pc.
			30 - 40 mm 1 pc.				1.2 - 1.6 in 1 pc.
			40 - 50 mm 1 pc.				1.6 - 2 in 1 pc.
			Setting ring (ø25, ø40) 1 pc. each				Setting ring (1 in DIA., 1.6 in DIA.) 1 pc. each
			Extension rod (150 mm) 1 pc.				Extension rod (150 mm) 1 pc.
Spanner 2 pcs.	Spanner 2 pcs.						
Hex wrench 1 pc.	Hex wrench 1 pc.						
368-993	50 - 100		Micrometer head unit	368-997	2 - 4		Micrometer head unit
			50 - 63 mm 1 pc.				2 - 2.5 in 1 pc.
			62 - 75 mm 1 pc.				2.5 - 3 in 1 pc.
			75 - 88 mm 1 pc.				3 - 3.5 in 1 pc.
		87 - 100 mm 1 pc.	3.5 - 4 in 1 pc.				
		Setting ring (ø62, ø87) 1 pc. each	Setting ring (2.5 in DIA., 3.5 in DIA.) 1 pc. each				
		Extension rod (150 mm) 1 pc.	Extension rod (150 mm) 1 pc.				
Spanner 2 pcs.	Spanner 2 pcs.						
Hex wrench 1 pc.	Hex wrench 1 pc.						
368-994	100 - 200	Micrometer head unit	368-998	4 - 8	Micrometer head unit		
		100 - 125 mm 1 pc.			4 - 5 in 1 pc.		
		125 - 150 mm 1 pc.			5 - 6 in 1 pc.		
		150 - 175 mm 1 pc.			6 - 7 in 1 pc.		
		175 - 200 mm 1 pc.			7 - 8 in 1 pc.		
		Setting ring (ø125, ø175) 1 pc. each			Setting ring (5 in DIA., 7 in DIA.) 1 pc. each		
		Extension rod (150 mm) 1 pc.			Extension rod (150 mm) 1 pc.		
Spanner 2 pcs.	Spanner 2 pcs.						
Hex wrench 1 pc.	Hex wrench 1 pc.						

* The measurement range cannot be enlarged by measuring heads that are not standard-supplied (the accuracy is not guaranteed).



368-991



368-992



368-993



368-994



Setting rings are supplied as standard (ø125, ø175) (Packed separately)