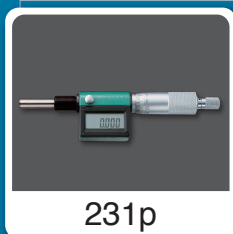
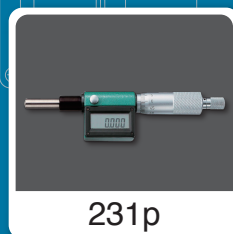


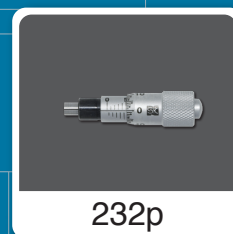
MICROMETER HEAD



231p



231p



232p



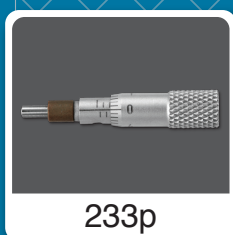
232p



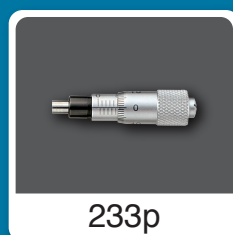
232p



233p



233p



233p



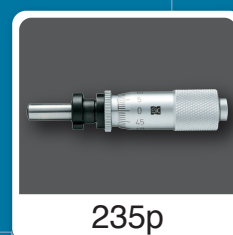
234p



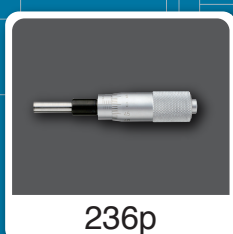
234p



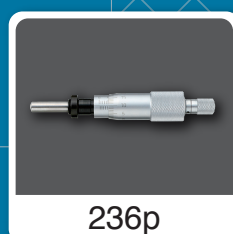
235p



235p



236p



236p



236p

MICRO
METER
HEAD

Micrometer head Size Lineup

※Background grid: approx. 10mm

Measuring Range 0 ~ 5.0mm



0000-050 P233



0010-050 P233



MH-65KD P232



1001-050 P233



1011-050 P233



1001-350 P233



1011-350M P233

Measuring Range 0 ~ 13mm



MH-130KD P232



1002-050 P234



1012-050 P234



1002-350 P234



1012-350 P234



1702-050 P234



1712-050 P234



1702-350 P234



1712-350 P234

Measuring Range 0 ~ 15mm



1002-250 P235



1012-250 P235



1009-350 P235



1019-350 P235



1709-050 P235



1719-050 P235



1709-350 P235



1719-350 P235

■ Measuring Range 0 ~ 25mm



MH-250KD P232



1603-000 P236



T1003-000D P236



1003-310 P236



1003-010 P236



1703-010 P236



1803-300 P236



1703-310 P236



1813-300 P236



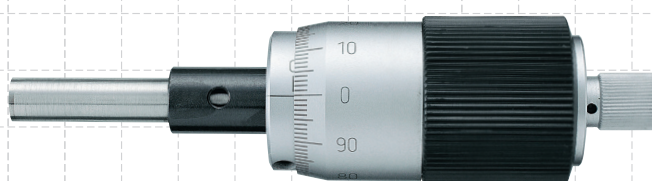
Spindle 1mm pitch 1004-000 P236



1813-310 P236



1003-000 P236



Spindle 1mm pitch 1004-030 P236



DMH-25F P231



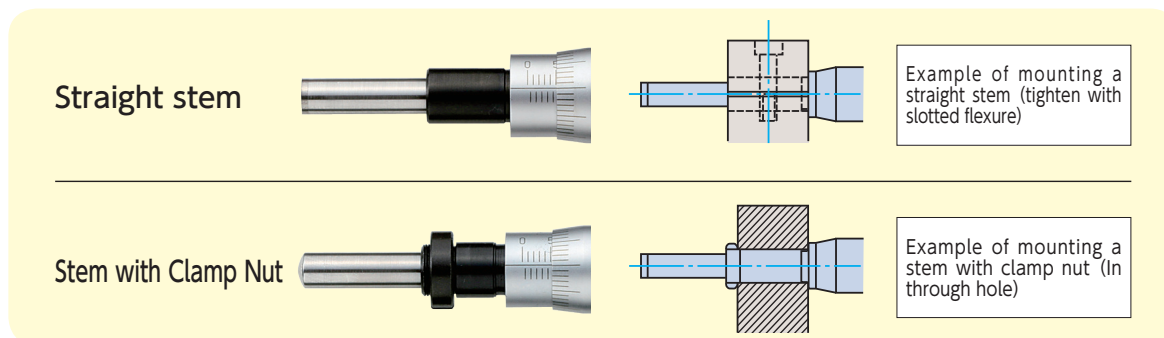
DMH-25S P231

MICRO
METER
HEAD

Micrometer Head Basic Points

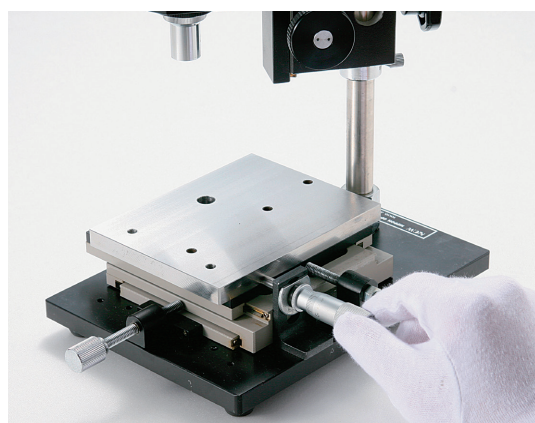
■ Stem

- The Stem is the cylindrical part where the micrometer head is fixed to the equipment where it is used. There are 3 options, selected according to application and method for holding the micrometer head.
- (1) Straight stem: can be mounted using a through hole with slot for clamping. Cost of attachment hardware can be higher. Allows or some adjustment of Head position in axial direction.
- (2) Stem with clamp nut: Mounts in through hole in plate. Installs easily using hole diameter slightly larger than stem and clamping by tightening the supplied nut.



※ Stem Length in catalog is the length when graduation is set to 0mm

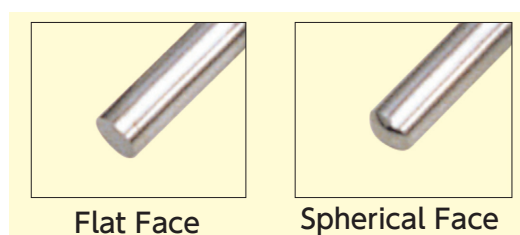
- (3) Stem with Spindle Clamp. The basic structure is similar to (1) and (2) above. Spindle clamp is recommended when micrometer head is used as a position stop as it prevents spindle motion or changing position during use. (Refer to pictures for items 1709-050, and 1719-350 on following pages for examples of Stem with Clamp Micrometer Heads)



Example of use

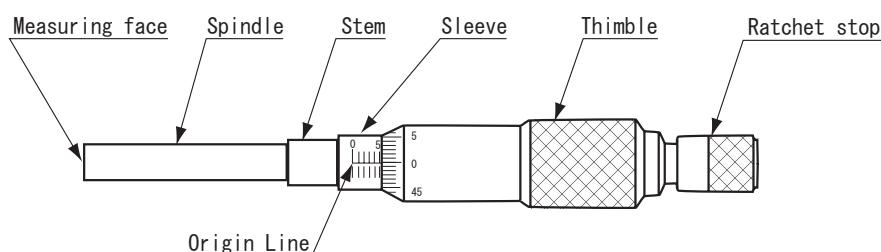
■ Spindle Face

- Flat spindle: Primarily selected when micrometer head is used as a measuring device
- Spherical spindle: Primarily selected when micrometer head is used as a "feeding device". Also has advantage of reducing error caused by head not being mounted exactly perpendicular to axis of travel.



- **Thimble diameter:** Outer diameter of portion behind spindle used for advancing and retracting spindle

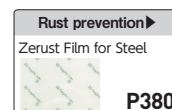
■ Part Name



DIGITAL MICROMETER HEAD



Digital type. To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



● Measuring Range: 0 ~ 25mm



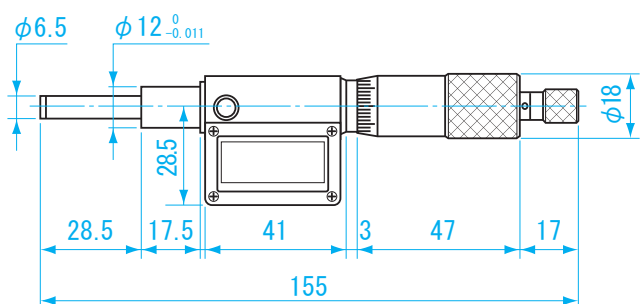
DMH-25F



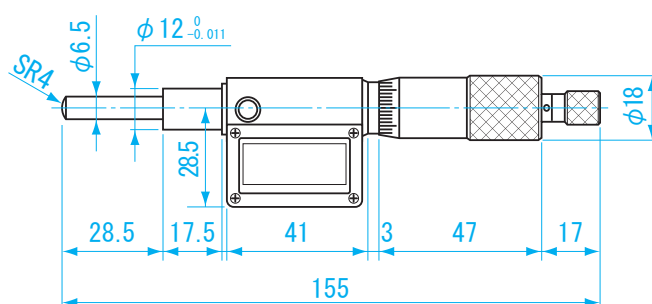
DMH-25S

● DIMENSIONS

Units: mm



DMH-25F



DMH-25S

USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

FEATURES

- Quick display of measured value
- Measuring range: 0~25mm
- Auto display off function (after approx. 4 min.)

POWER

- One SR44 (silver oxide) battery included for testing

※ Quantization Error (± 1 digit) not included

Order No.	Model No.	Stem	Spindle Dimension (mm)	Stem Dimension (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151151	DMH-25F	Straight	$\phi 6.5 \times 28.5$	$\phi 12 \times 17.5$	Flat	0.001	3	155	18	195g
151152	DMH-25S				Spherical (SR4)					



MICROMETER HEAD KAIDAN

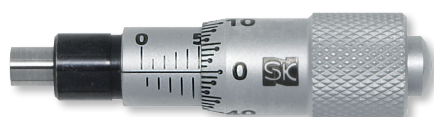
0

New stepped millimeter graduations prevents misreading.

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



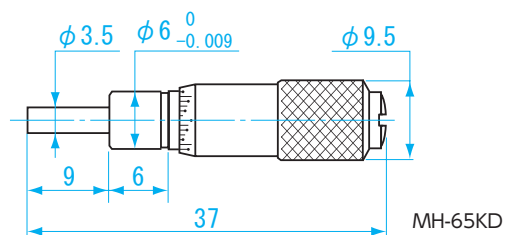
● Measuring Range: 0 ~ 6.5mm



MH-65KD

● DIMENSIONS

Units: mm

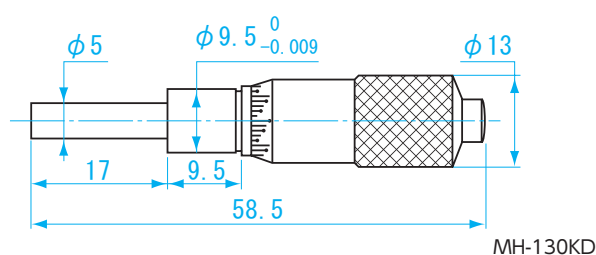


MH-65KD

● Measuring Range: 0 ~ 13mm



MH-130KD

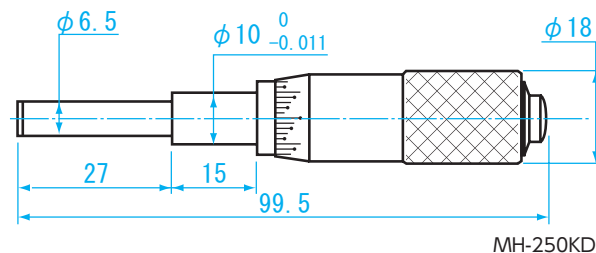


MH-130KD

● Measuring Range: 0 ~ 25mm



MH-250KD



MH-250KD

USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

FEATURES

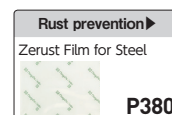
- Easy reading Kaidan series
- Carbide tipped measuring face (MH-250KD)

Order No.	Model No.	Stem	Spindle Dimension (mm)	Stem Dimension (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151147	MH-65KD	Straight	φ3.5×9	φ6×6	Flat	0.01	5	37	9.5	10g
151148	MH-130KD		φ5×17	φ9.5×9.5			4	58.5	13	35g
151149	MH-250KD		φ6.5×27	φ10×15			3	99.5	18	90g

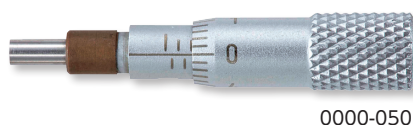
0

MICROMETER HEAD

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



● Measuring Range: 0 ~ 5.0mm



0000-050



0010-050

USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

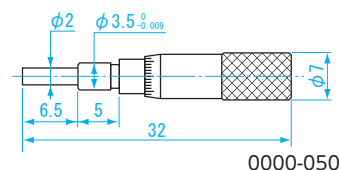
FEATURES

- Measuring range: 0~5mm, small and lightweight

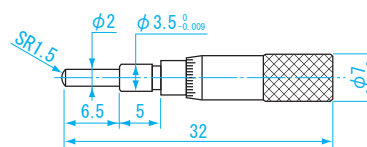
Order No.	Model No.	Stem	Spindle Dimension (mm)	Stem Dimension (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151145	0000-050	Straight	φ2×6.5	φ3.5×5	Flat	0.02	5	32	6	4g
151146	0010-050				Spherical (SR1.5)					

● DIMENSIONS

Units: mm



0000-050

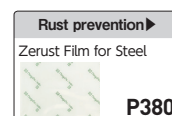


0010-050

MICROMETER HEAD

0

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



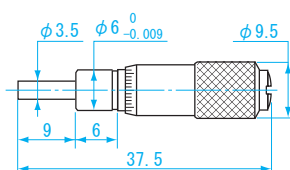
● Measuring Range: 0 ~ 6.5mm



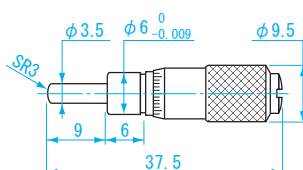
1001-050

● DIMENSIONS

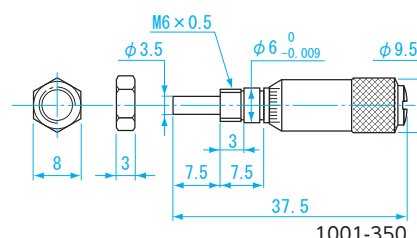
Units: mm



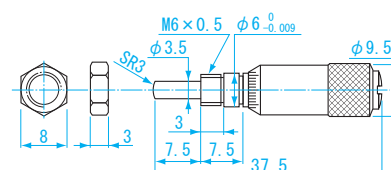
1001-050



1011-050



1001-350



1011-350M

USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

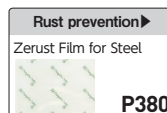
FEATURES

- Measuring range: 0~6.5mm, small and lightweight

Order No.	Model No.	Stem	Spindle Dimension (mm)	Stem Dimension (mm)	Nut (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151134	1001-050	Straight	φ3.5×9	φ6×6	—	Flat	0.01	5	37.5	9.5	10g
151135	1011-050					Spherical (SR3)					
151136	1001-350	Threaded	φ3.5×7.5	φ6×7.5	φ8×3	Flat					
151150	1011-350M					Spherical (SR3)					

MICROMETER HEAD

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



● Measuring Range: 0 ~ 13mm



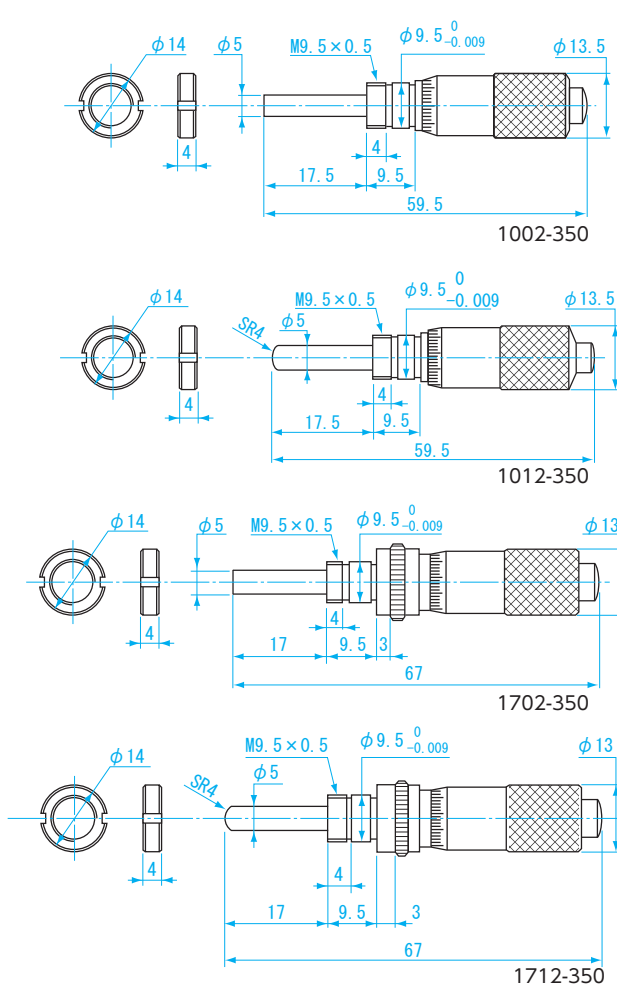
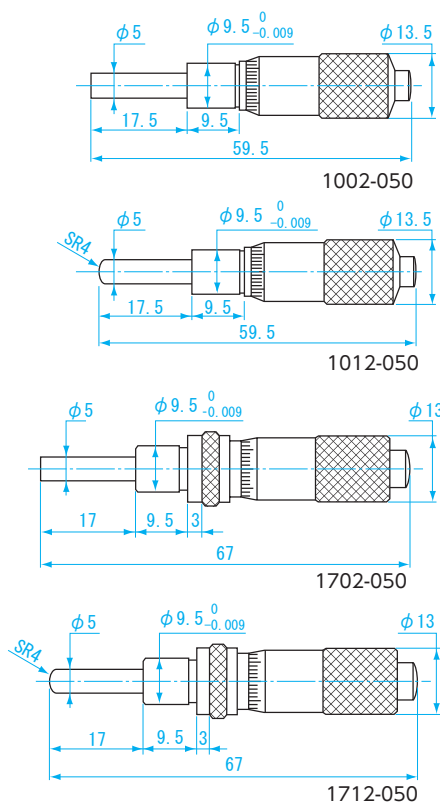
1002-050



1702-350

● DIMENSIONS

Units: mm



USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High Carbon chromium steel

FEATURES

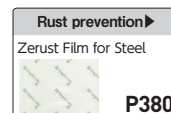
- Measuring range: 0~13mm, small, general-purpose series

Order No.	Model No.	Stem/ Spindle Clamp	Spindle Dimension (mm)	Stem Dimension (mm)	Nut (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight	
151110	1002-050	Straight	ϕ5×17.5	ϕ9.5×9.5	—	Flat	0.01	4	59.5	13	35g	
151111	1012-050					Spherical (SR4)						
151112	1002-350	Threaded			ϕ14×4	Flat						67
151113	1012-350					Spherical (SR4)						
151114	1702-050	Straight / with Clamp	—		Flat	45g						
151115	1712-050				Spherical (SR4)							
151116	1702-350	Threaded / with Clamp	ϕ14×4		Flat							
151117	1712-350				Spherical (SR4)							

MICROMETER HEAD

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.

● Measuring range: 0 ~ 15mm



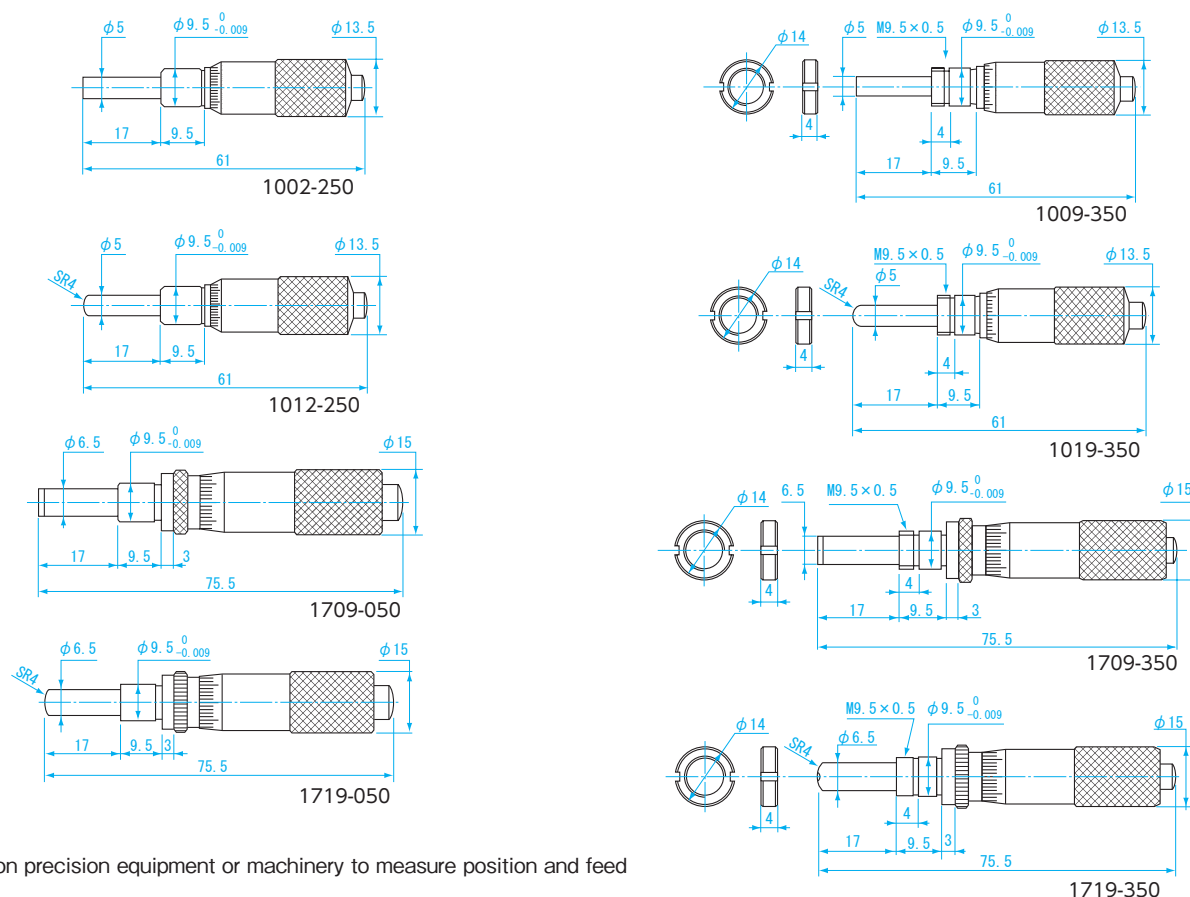
1709-050



1719-350

● DIMENSIONS

Units: mm



USE

- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

FEATURES

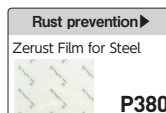
- Measuring range: 0~15mm small, general-purpose series
- Carbide tipped measuring faces (1709-050, 1719-050, 1709-350, 1719-350)

Order No.	Model No.	Stem/ Spindle Clamp	Spindle Dimension (mm)	Stem Dimension (mm)	Nut (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151118	1002-250	Straight	φ5×17		—	Flat	0.01	4	61	13.5	40g
151119	1012-250					Spherical (SR4)					
151120	1009-350	Threaded		φ9.5×9.5	φ14×4	Flat					
151121	1019-350					Spherical (SR4)					
151122	1709-050	Straight / with Clamp	φ6.5×17		—	Flat			75.5	15	65g
151123	1719-050					Spherical (SR4)					
151124	1709-350	Threaded / with Clamp			φ14×4	Flat					
151125	1719-350					Spherical (SR4)					

MICROMETER HEAD

0

To be mounted on measuring instruments or use as feeding device or stopper, not for single use.



● Measuring Range: 0 ~ 25mm



T1003-000D



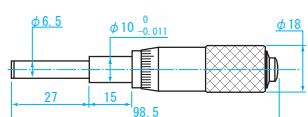
1813-310



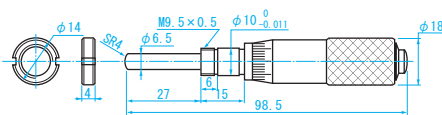
1004-000

● DIMENSIONS

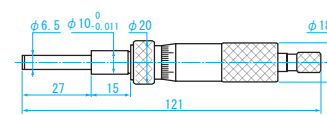
Units: mm



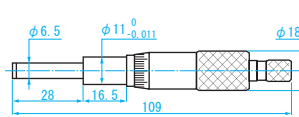
T1003-000D



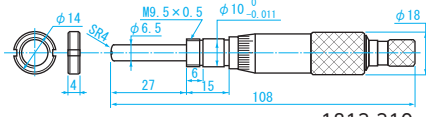
1813-300



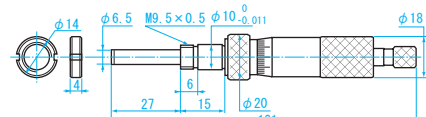
1703-010



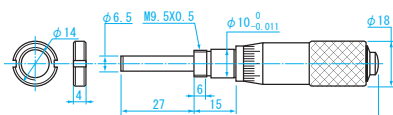
1003-010



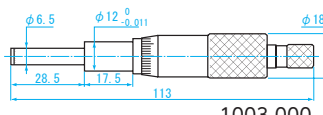
1813-310



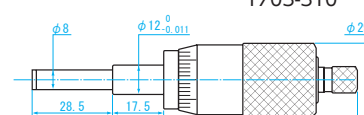
1703-310



1803-300

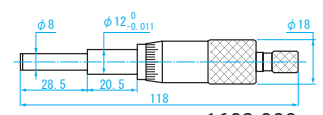


1003-000

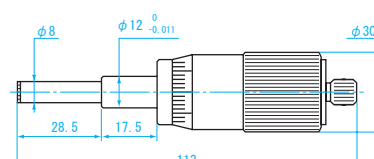


1004-000

Spindle 1mm pitch



1603-000



1004-030

Spindle 1mm pitch

USE

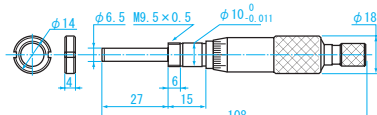
- Mount on precision equipment or machinery to measure position and feed

MATERIAL

- Thimble: Alloy tool steel
- Spindle: High carbon chromium steel

FEATURES

- Measuring range: 0~25mm small, general-purpose series
- Carbide tipped measuring faces (exclude 1813-300)
- Spindle 1mm pitch (1004-000, 1004-030)



1003-310

MICRO
METER
HEAD

Order No.	Model No.	Ratchet	Stem / Spindle Clamp	Spindle Dimension (mm)	Stem Dimension (mm)	Nut (mm)	Spindle Face	Resolution (mm)	Maximum Permissible Error (μm)	Length (mm)	Thimble Diameter (mm)	Weight
151138	T1003-000D	None	Straight	φ6.5×27	φ10×15	—	Flat	0.01	3	98.5	18	90g
151126	1003-010	Yes		φ6.5×28	φ11×16.5	—				109		
151139	1803-300	None	Threaded	φ6.5×27	φ10×15	φ14×4	Spherical (SR4)			98.5		
151141	1813-300									108		
151140	1813-310	Yes	Straight	φ6.5×28.5	φ12×17.5	—	Flat			113	100g	
151127	1003-000			φ8×28.5	φ12×20.5					118	110g	
151128	1603-000		Threaded	φ6.5×27	φ10×15	φ14×4	108			95g		
151129	1003-310						121			115g		
151130	1703-010		Straight / with Clamp	φ6.5×27	φ10×15	—	Flat			121	120g	
151131	1703-310											Threaded / with Clamp
151133	1004-000		Straight	φ8×28.5	φ12×17.5	—	4		113	30	200g	
151132	1004-030											