

Compare specifications between Micrometer Head models

No. & Page	Part Number	Travel (mm)	Product Description	Mounting Barrel	
4	1	MH01-6.5FT	6.5	Micrometer Head, Flat Tip	Ø6 mm
	1	MH01-6.5ST	6.5	Micrometer Head, Spherical Tip	Ø6 mm
	2	MH02-6.5FT	6.5	Micrometer Head with Locking Nut, Flat Tip	Ø6 mm
	2	MH02-6.5ST	6.5	Micrometer Head with Locking Nut, Spherical Tip	Ø6 mm
	3	MH01-13FT	13	Micrometer Head, Flat Tip	Ø9.5 mm
	3	MH01-13ST	13	Micrometer Head, Spherical Tip	Ø9.5 mm
	4	MH02-13FT	13	Micrometer Head with Locking Nut, Flat Tip	Ø9.5 mm
	4	MH02-13ST	13	Micrometer Head with Locking Nut, Spherical Tip	Ø9.5 mm
	5	MH01-25FT	25	Micrometer Head, Flat Tip	Ø9.5 mm
	5	MH01-25ST	25	Micrometer Head, Spherical Tip	Ø9.5 mm
	6	MH03-25FT	25	Heavy-Duty Micrometer Head, Flat Tip	Ø10 mm
	6	MH03-50FT	50	Heavy-Duty Micrometer Head, Flat Tip	Ø12.7 mm
	7	DM01-25FT	25	Digimatic Micrometer Head, Flat Tip	Ø12 mm
	7	DM01-25ST	25	Digimatic Micrometer Head, Spherical Tip	Ø12 mm
	7	DM02-25NR	25	Digimatic Micrometer Head, Non-Rotating Spindle, Disk Tip	-

Features

- 0.5 mm Pitch Leadscrew
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Smooth and Accurate Motion over the Entire Range

These Micrometer Heads are ideal for linear translation stages with travel ranges up to 50 mm. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 50 mm.

4. 01 MH01-6.5FT 6.5 mm Travel, Small Micrometer Head, Flat Tip



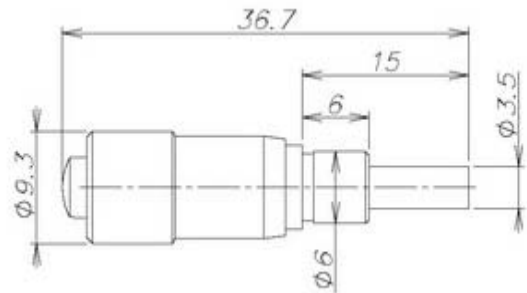
Features

- 0.5 mm Pitch Leadscrew
- Ø6 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 6.50 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

The model MH01-6.5FT Micrometer Head is ideal for use with small travel of linear translation stages or the adjustment of optical mounts. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 6.5 mm.

This Micrometer Head offers 6.5 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 6.5 mm travel range.



Mechanical Drawing: MH01-6.5FT

4. 02 MH01-6.5ST 6.5 mm Travel, Small Micrometer Head, Spherical Tip



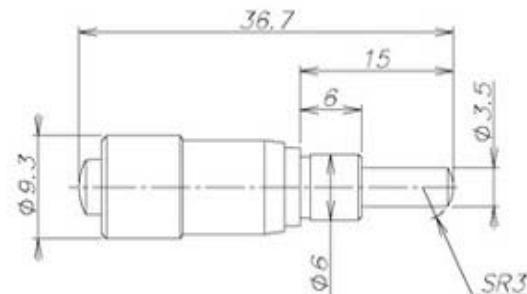
Features

- 0.5 mm Pitch Leadscrew
- Ø6 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 6.50 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Spherical

The model MH01-6.5ST Micrometer Head is ideal for use with small travel of linear translation stages or small adjustment of optical mounts. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 6.5 mm.

This Micrometer Head offers 6.5 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 6.5 mm travel range.



Mechanical Drawing: MH01-6.5ST

The spherical spindle tip provides a single point of contact, which eliminates alignment errors.

4. 03 MH02-6.5FT 6.5 mm Travel, Small Micrometer Head with Locking Nut, Flat Tip

Features



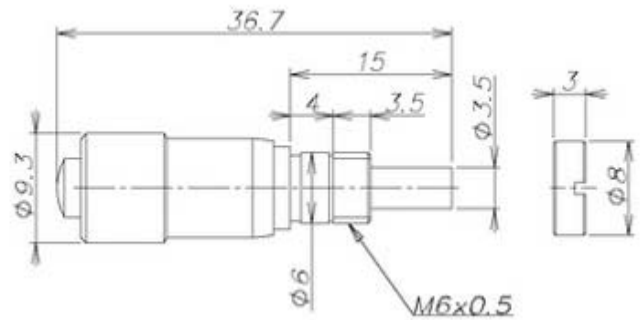
- 0.5 mm Pitch Leadscrew
- Ø6 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 6.50 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

The model MH02-6.5FT Micrometer Head is ideal for use with small travel of linear translation stages or the adjustment of optical mounts. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 6.5 mm.

This Micrometer Head offers 6.5 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 6.5 mm travel range.

It is fixed firmly and easy to assemble or disassemble by a locking nut.



Mechanical Drawing: MH02-6.5FT

4. 04 MH02-6.5ST 6.5 mm Travel, Small Micrometer Head with Locking Nut, Spherical Tip

Features



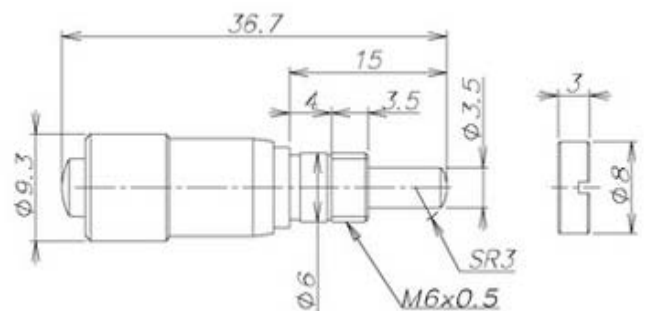
- 0.5 mm Pitch Leadscrew
- Ø6 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 6.50 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Spherical

The model MH02-6.5ST Micrometer Head is ideal for use with small travel of linear translation stages or small adjustment of optical mounts. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 6.5 mm.

This Micrometer Head offers 6.5 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 6.5 mm travel range.

It is fixed firmly and easy to assemble or disassemble by a locking nut.



Mechanical Drawing: MH02-6.5ST

The spherical spindle tip provides a single point of contact, which eliminates alignment errors.

4. 05 MH01-13FT 13 mm Travel, Micrometer Head, Flat Tip



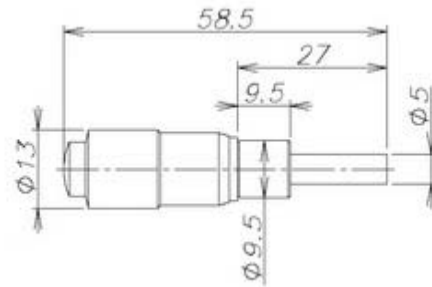
Features

- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 13 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

The model MH01-13FT Micrometer Head is ideal for linear translation stages with 13 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 13 mm.

This Micrometer Head offers 13 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 13 mm travel range.



Mechanical Drawing: MH01-13FT

4. 06 MH01-13ST 13 mm Travel, Micrometer Head, Spherical Tip



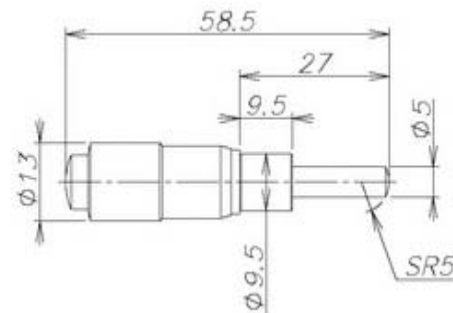
Features

- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 13 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Spherical

The model MH01-13ST Micrometer Head is ideal for linear translation stages with 13 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 13 mm.

This Micrometer Head offers 13 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 13 mm travel range.



Mechanical Drawing: MH01-13ST

The spherical spindle tip provides a single point of contact, which eliminates alignment errors.

4. 07 MH02-13FT 13 mm Travel, Micrometer Head with Locking Nut, Flat Tip



Features

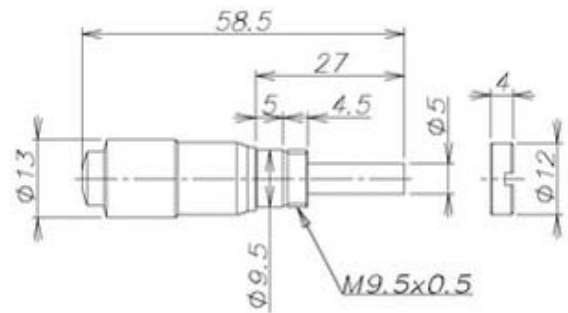
- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 13 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

The model MH02-13FT Micrometer Head is ideal for linear translation stages with 13 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 13 mm.

This Micrometer Head offers 13 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 13 mm travel range.

It is fixed firmly and easy to assemble or disassemble by a locking nut.



Mechanical Drawing: MH02-13FT

4. 08 MH02-13ST 13 mm Travel, Small Micrometer Head with Locking Nut, Spherical Tip



Features

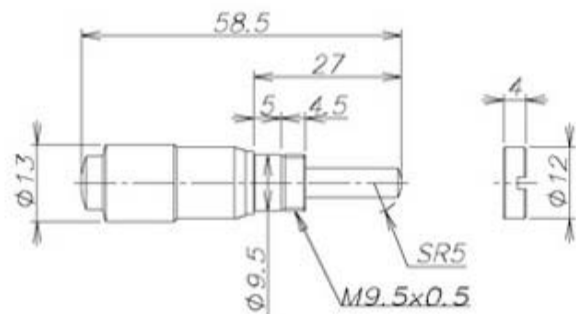
- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

	Metric
Range	0 - 13 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Spherical

The model MH02-13ST Micrometer Head is ideal for linear translation stages with 13 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 13 mm.

This Micrometer Head offers 13 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 13 mm travel range.

It is fixed firmly and easy to assemble or disassemble by a locking nut.



Mechanical Drawing: MH02-13ST

The spherical spindle tip provides a single point of contact, which eliminates alignment errors.

4. 09 MH01-25FT 25 mm Travel, Micrometer Head, Flat Tip



Features

- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

The model MH01-25FT Micrometer Head is ideal for linear translation stages with 25 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 25 mm.

This Micrometer Head offers 25 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 25 mm travel range.

	Metric
Range	0 - 25 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

4. 10 MH01-25ST 25 mm Travel, Micrometer Head, Spherical Tip



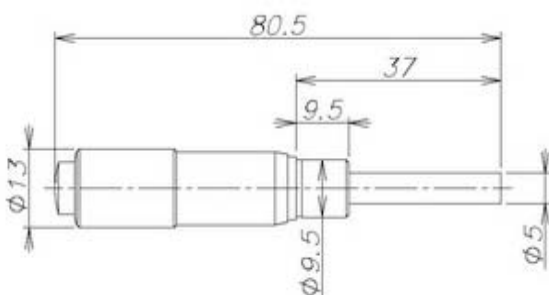
Features

- 0.5 mm Pitch Leadscrew
- Ø9.5 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

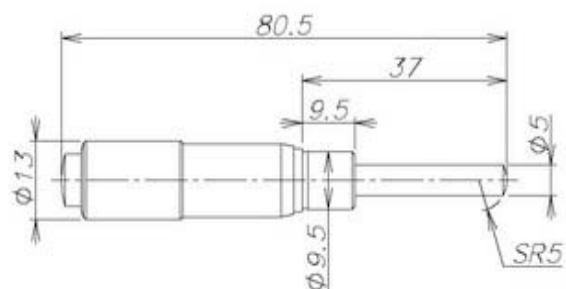
The model MH01-25ST Micrometer Head is ideal for linear translation stages with 25 mm of travel. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 25 mm.

This Micrometer Head offers 25 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 25 mm travel range.

	Metric
Range	0 - 25 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Spherical



Mechanical Drawing: MH01-25FT



Mechanical Drawing: MH01-25ST

4. 11 MH03-25FT 25 mm Travel, Micrometer Head with High Loading, Flat Tip



Features

- 0.5 mm Pitch Leadscrew
- Ø10 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

The model MH03-25FT Micrometer Head is ideal for high loading applications of linear translation stages. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 25 mm.

This Micrometer Head offers 25 mm of travel and flat spindle tip, and provides smooth and accurate motion over its 25 mm travel range.

	Metric
Range	0 - 25 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat

4. 12 MH03-50FT 50 mm Travel, Micrometer Head, Flat Tip



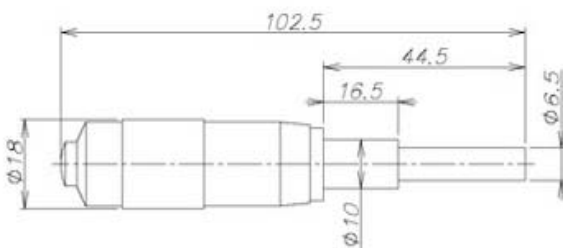
Features

- 0.5 mm Pitch Leadscrew
- Ø12.7 mm Mounting Barrel
- Scale Surface with Chrome Plating
- Knurled Adjustment Knob for Grip
- Calculated Resolution Better than 7 µm

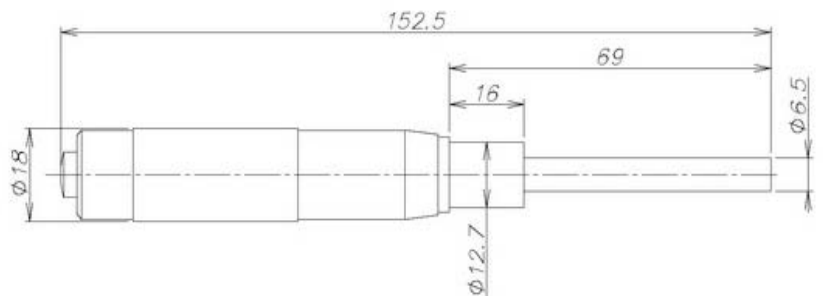
The model MH03-50FT Micrometer Head is ideal for 50mm travels of linear translators. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement from 0 up to 50 mm.

This Micrometer Head offers 50 mm of travel and spherical spindle tip, and provides smooth and accurate motion over its 50 mm travel range.

	Metric
Range	0 - 50 mm
Graduation	10 µm per Division
Distance per Rev.	0.5 mm
Spindle Tip	Flat



Mechanical Drawing: MH03-25FT



Mechanical Drawing: MH03-50FT

4. 13 DM01-25FT 25 mm Travel, Digimatic Micrometer Head, Flat Tip

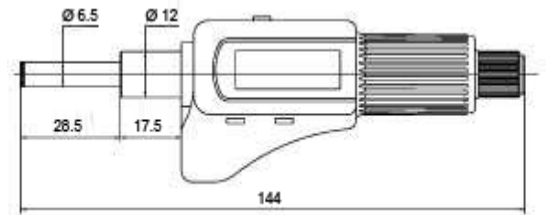


Features

- 0 - 25 mm Range with 3 μ m Accuracy
- Display Resolution of 1 μ m (0.00005")
- Instant Inch/Millimeter Conversion
- Flat Measuring Face
- Automatic Power-Off
- Standard SR44 Battery with 1 Year Life in Normal Use
- **DM01-25ST** is the Model # with **Spherical Spindle Tip**

The DM01-25FT Digital Micrometer Head is ideal for applications where absolute position or differences between two or more positions need to be recorded. This type of actuator is commonly used in the field of lasers and optics for precision positioning.

Precision measurements can be made to the display resolution of 1 μ m or 0.00005 in.



Mechanical Drawing: DM01-25FT

4. 14 DM02-25NR 25 mm Travel, Non-Rotating Spindle, Digital Micrometer

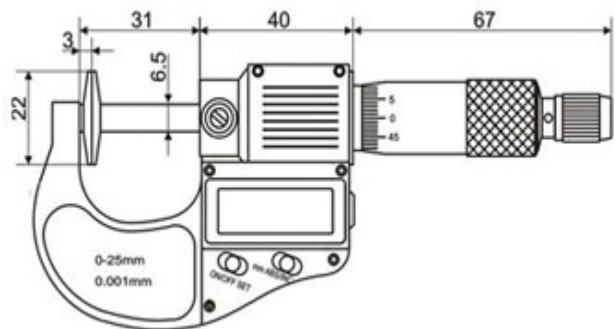


Features

- 0 - 25 mm Range with 3 μ m Accuracy
- Display Resolution of 1 μ m (0.00005")
- Instant Inch/Millimeter Conversion
- Automatic Power-Off
- Non-Rotating Spindle Tip

The DM02-25NR Digital Micrometer Head is ideal for applications where absolute position or differences between two or more positions need to be recorded. This type of actuator is commonly used in the field of lasers and optics for precision positioning.

Precision measurements can be made to the display resolution of 1 μ m or 0.00005 in.



Mechanical Drawing: DM02-25NR