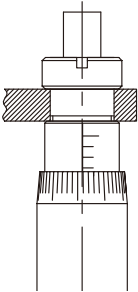
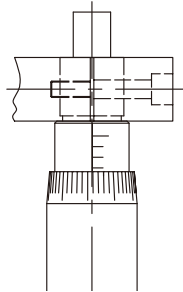


Purpose

The micrometer type is particularly designed for high accuracy positioning devices, such as optical instruments, precisely fine tuning stages, various machine tools, gauging instruments, precisely positioning devices, fixed amount transmissions, etc.

Installation

The heads of the micrometers are classified by their forms as the type of lock screw and set screw.

| Fixing form | Lock Screw | | Set Screw | |
|-------------------------|--|---|---|--|
| | Installation Diagram |  | |  |
| Shaft Dia. | | Ø6 Ø9.525 Ø9.5 | Ø6 Ø9.525 Ø9.5 | |
| Mounting Hole Tolerance | G7(+0.004~+0.016) | G7(+0.005~+0.020) | G7(+0.004~+0.016) | G7(+0.005~+0.020) |
| Notice | The right angle opposite to mounting hole A must be within 0.16/6.5,degrees, or the fixing may be affected | | Please notice burrs occurred from inner wall of mounting holes. | |
| Axial Static Load | 8.63~9.8kN(880~1000kgf) | | 0.69~0.98kN(70~100kgf) | |
| Remark | Simply and firmly locked | | need of locking and tacking process | |

★ Loading data is exclusive of maintaining accuracy

Micrometer selection

The considerations of selecting a micrometer might be including gauging range, the shape of gauging face, shaft, and the size of reading axis. Selections should be based on purposes.

Gauging plane selection

The shaft is designed with the most suitable dimension for the body using an allowable tolerance h6.

Once the instrument be used for gauging purposes, it is generally suggested to use the plate type; for transferring purposes, using the sphere type could minimize the errors.

MHGS - F N - 13

Model No.

Front Shape

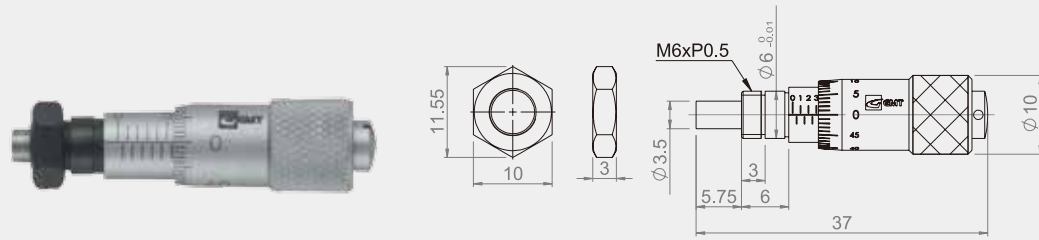
Installation

Travel Stroke

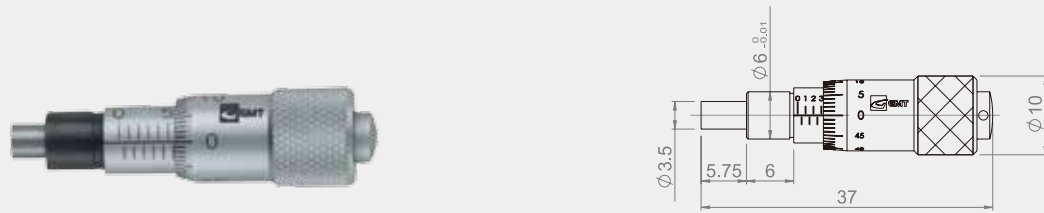
| GMT Model No. | Measurement Range (mm) | Accuracy (mm) | Minimum Resolution (mm) | Micrometer Tolerance (µm) | Vernier | Fronttip | | Installation | |
|---------------|------------------------|---------------|-------------------------|---------------------------|----------------|----------|-------|--------------|-----------|
| | | | | | | Flate | Round | Lock Screw | Set Screw |
| MHGS-FN-6.5 | 0~6.5 | 0.005 | 0.01 | ± 2 | Positive scale | ● | | ● | |
| MHGS-FP-6.5 | | | | | | ● | | | ● |
| MHGS-SN-6.5 | | | | | | | ● | ● | |
| MHGS-SP-6.5 | | | | | | | ● | | ● |
| MHGS-FN-13 | 0~13 | | | | | ● | | ● | |
| MHGS-FP-13 | | | | | | ● | | | ● |
| MHGS-SN-13 | | | | | | | ● | ● | |
| MHGS-SP-13 | | | | | | | ● | | ● |
| MHGS-FN-15 | 0~15 | | | | | ● | | ● | |
| MHGS-FP-15 | | | | | | ● | | | ● |
| MHGS-SN-15 | | | | | | | ● | ● | |
| MHGS-SP-15 | | | | | | | ● | | ● |
| MHGS-FN-25 | 0~25 | ● | | ● | | | | | |
| MHGS-FP-25 | | ● | | | ● | | | | |
| MHGS-SN-25 | | | ● | ● | | | | | |
| MHGS-SP-25 | | | ● | | ● | | | | |
| MHGS-FN-50 | 0~50 | ● | | ● | | | | | |
| MHGS-FP-50 | | ● | | | ● | | | | |
| MHGS-SN-50 | | | ● | ● | | | | | |
| MHGS-SP-50 | | | ● | | ● | | | | |

- MHGS type (standard type) is mostly used worldwide.
- Gauging face material: SKS3(Hardness: above HRC60)
- Scale surface finish: Hard chrome-plating

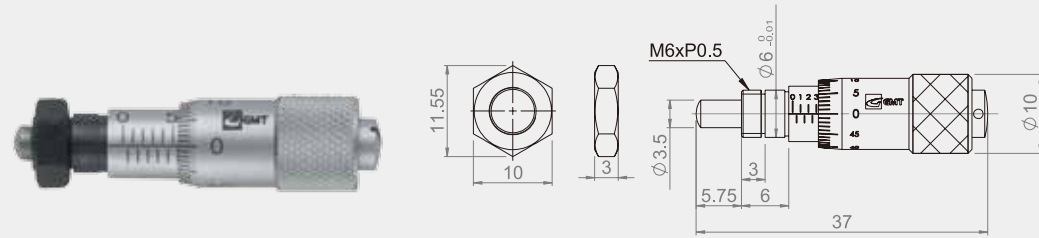
MHGS-FN-6.5



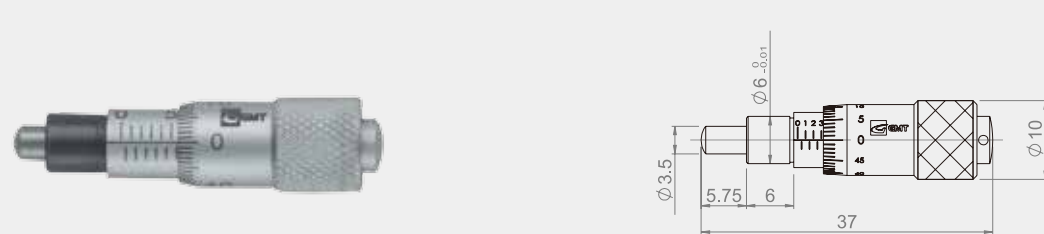
MHGS-FP-6.5



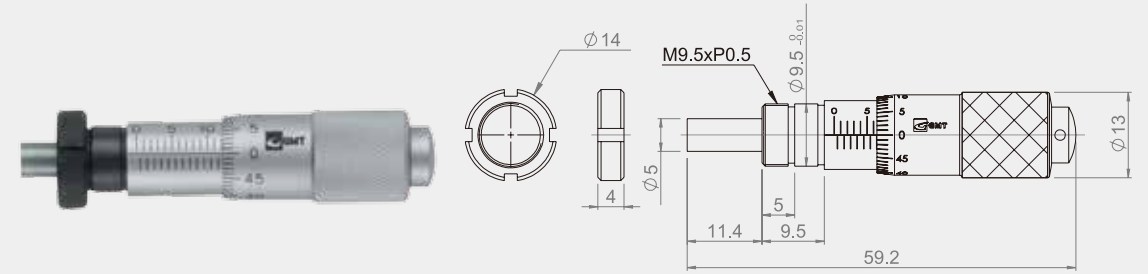
MHGS-SN-6.5



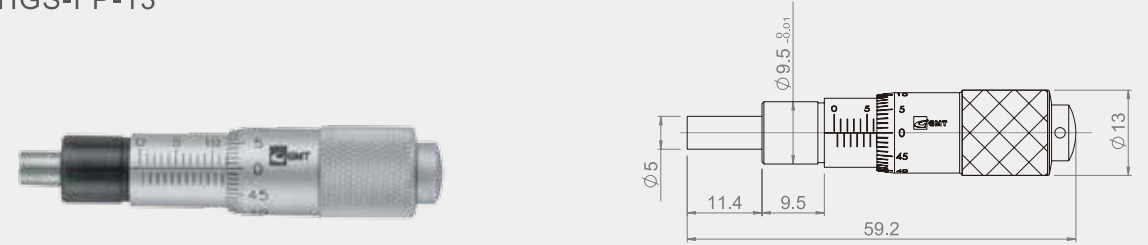
MHGS-SP-6.5



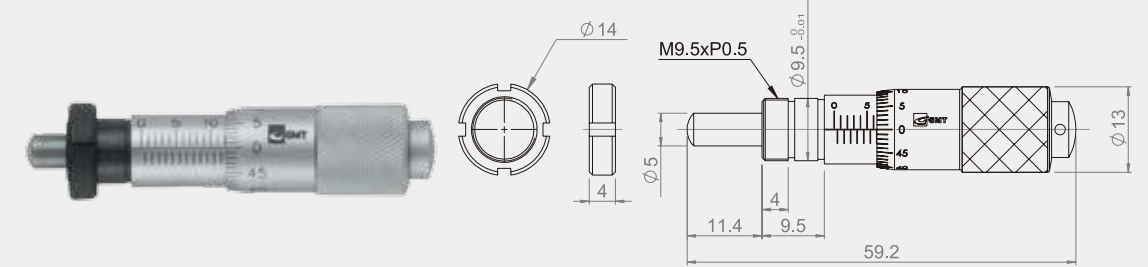
MHGS-FN-13



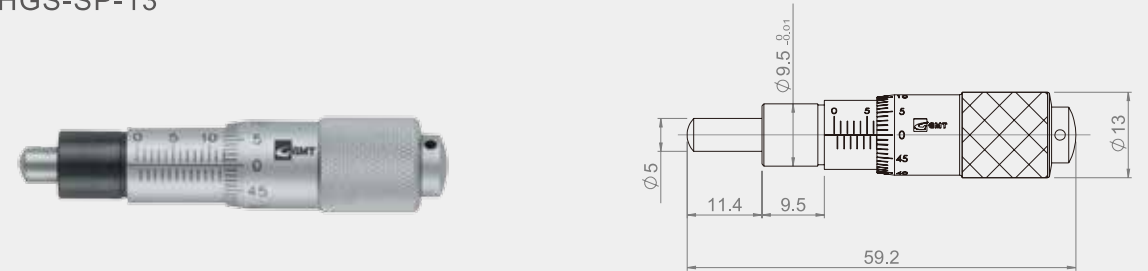
MHGS-FP-13



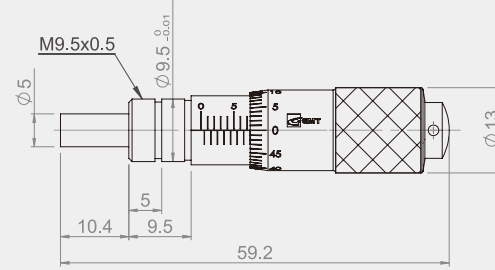
MHGS-SN-13



MHGS-SP-13

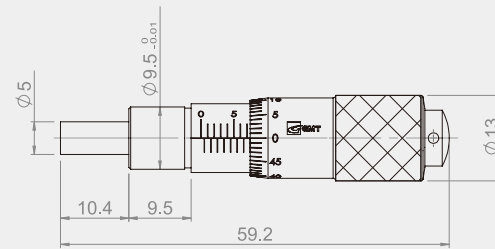


MHGS-FN-15

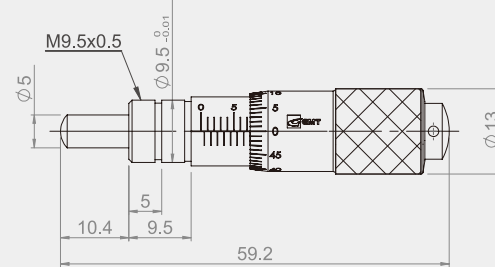


Screw options please refer to : MHGS-FN-13

MHGS-FP-15

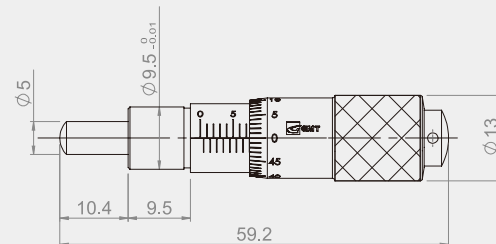


MHGS-SN-15

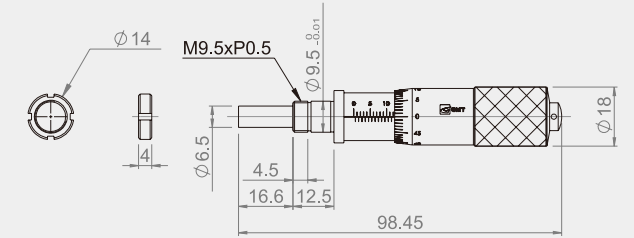


Screw options please refer to : MHGS-FN-13

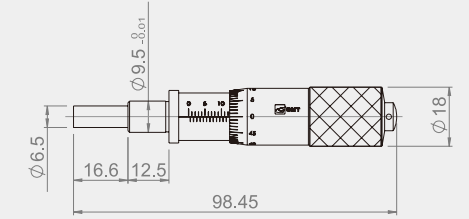
MHGS-SP-15



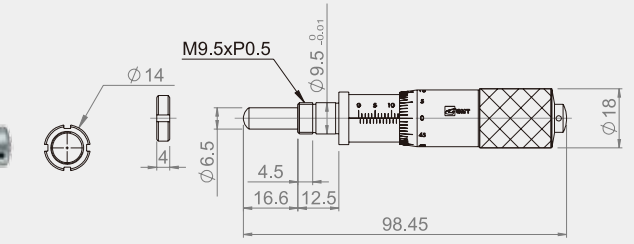
MHGS-FN-25



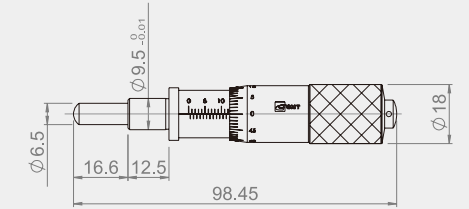
MHGS-FP-25



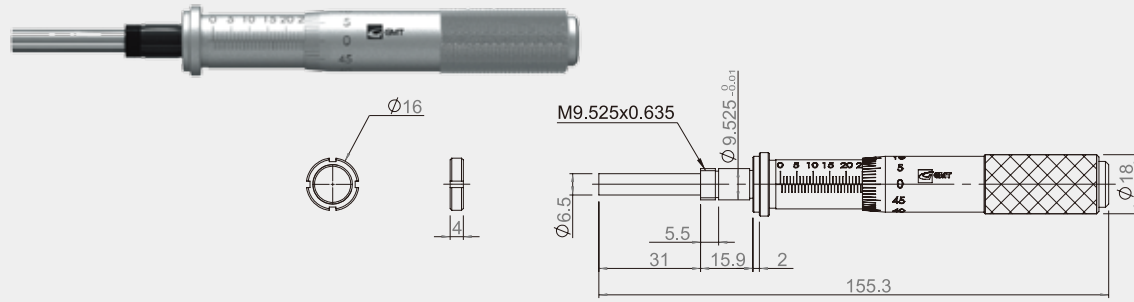
MHGS-SN-25



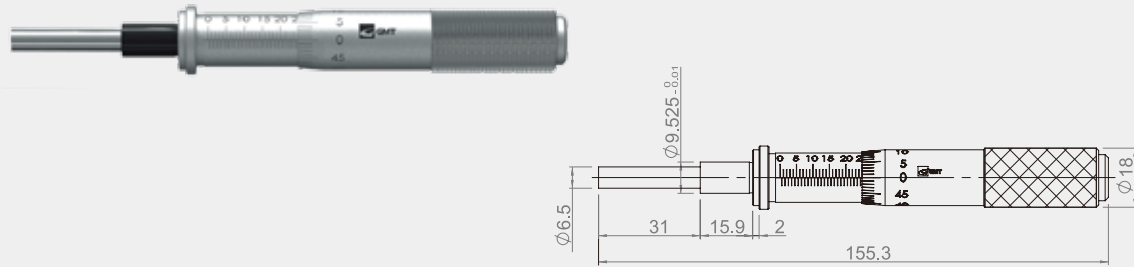
MHGS-SP-25



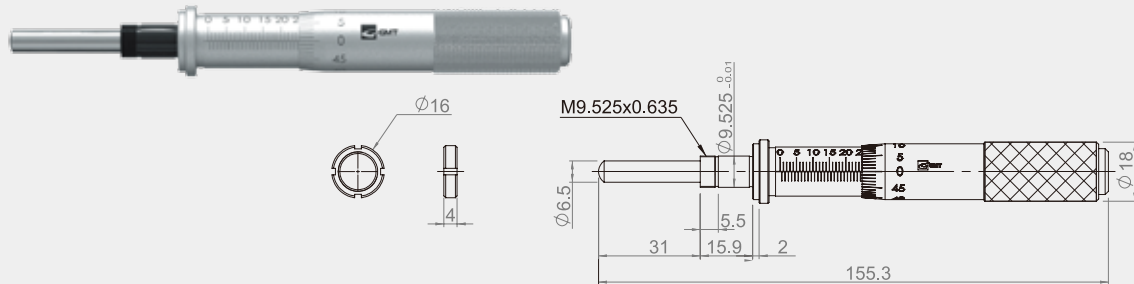
MHGS-FN-50



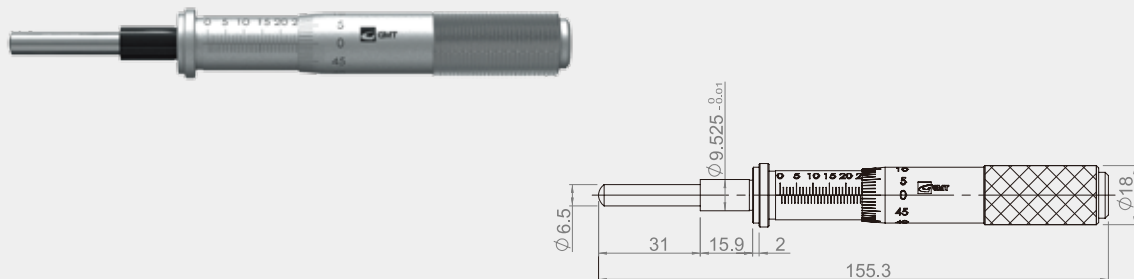
MHGS-FP-50



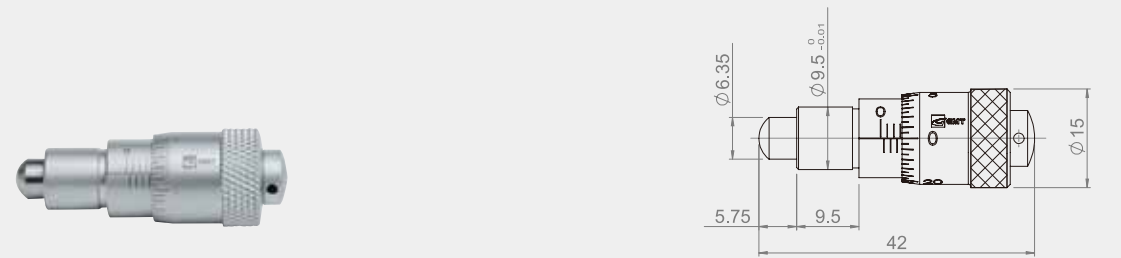
MHGS-SN-50



MHGS-SP-50

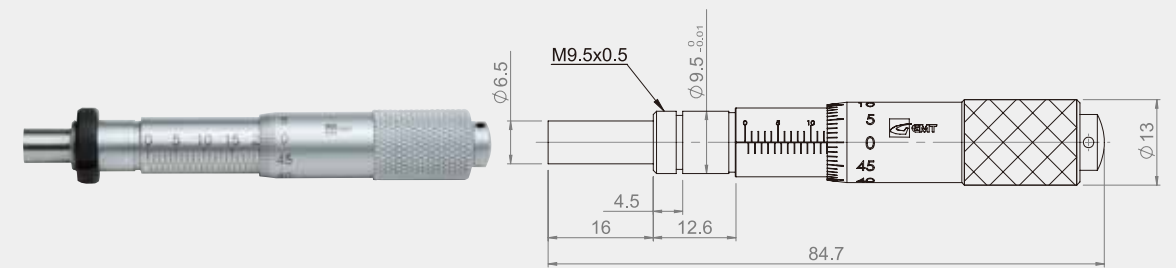


MHGS-SP-6.5A(B)



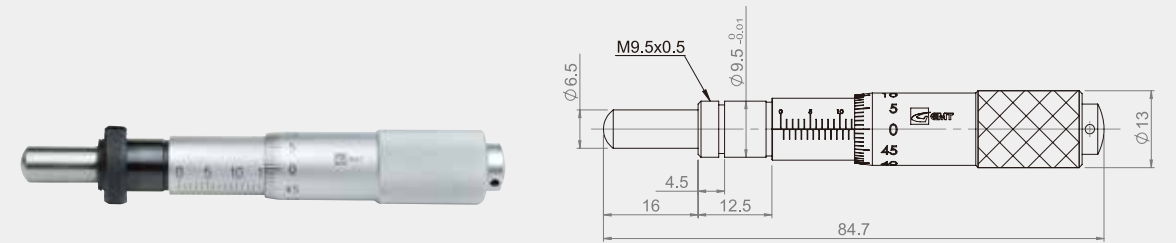
PITCH : A(0.25mm) ; B(0.5mm)

MHGS-FN-25A



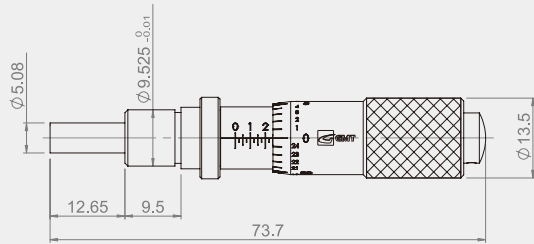
Screw options please refer to : MHGS-FN-13

MHGS-SN-25A

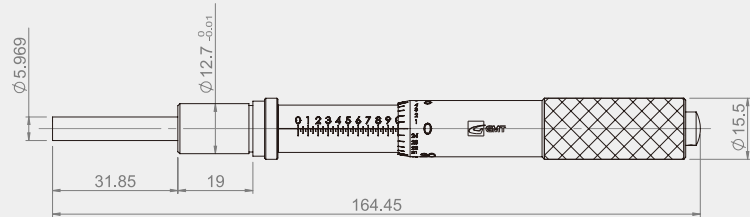


Screw options please refer to : MHGS-FN-13

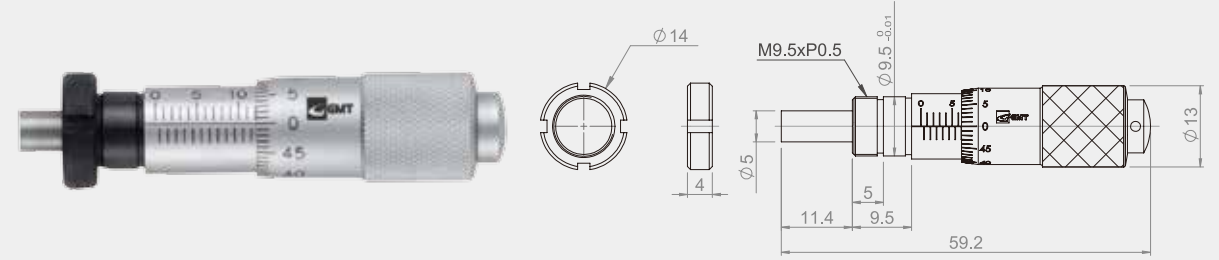
MHGS-FN-1/2"



MHGS-FN-2"



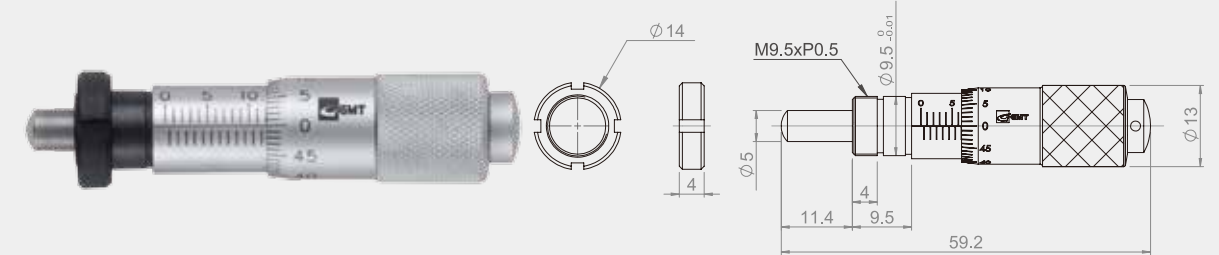
EMHGS-FN-13



EMHGS-FP-13



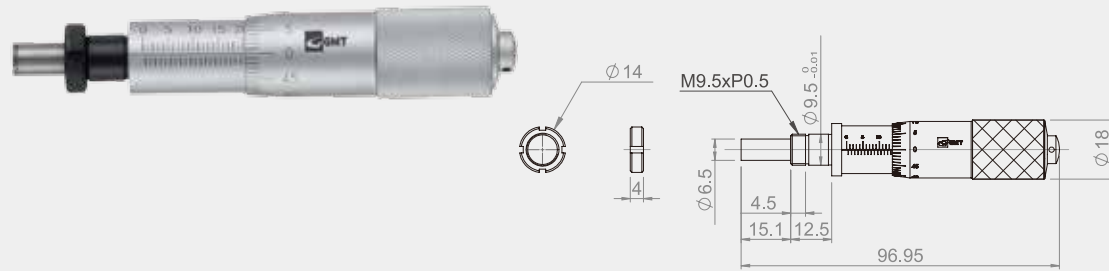
EMHGS-SN-13



EMHGS-SP-13



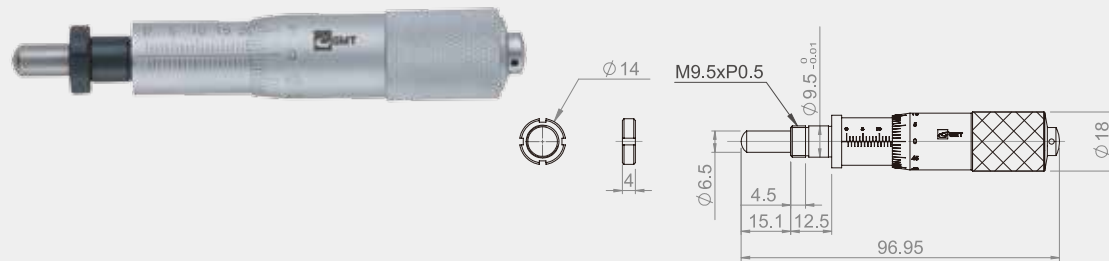
EMHGS-FN-25



EMHGS-FP-25



EMHGS-SN-25



EMHGS-SP-25

