

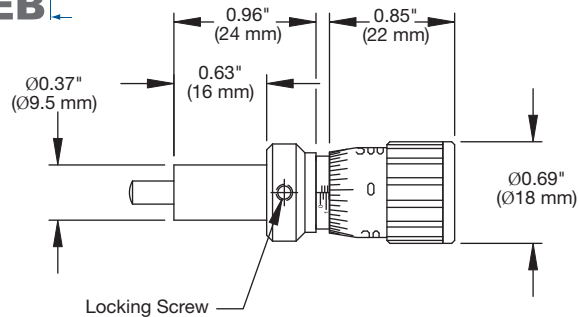
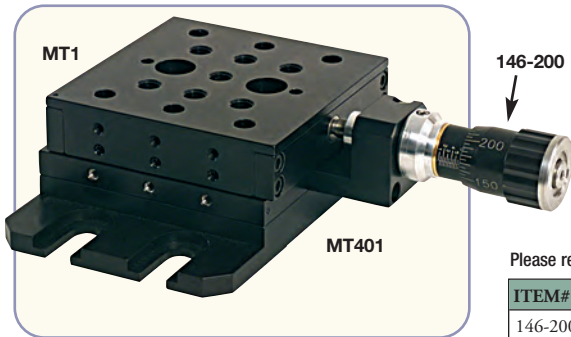
10 mm Travel, High-Precision Micrometer Head

The 146-200 is a high-precision micrometer head with a 250 μm pitch leadscrew. The graduated dial and linear scale on the micrometer barrel provide a calibrated displacement readout. A spherical tip is provided to ensure a single point of contact between the adjuster and the mating surface.

- 0 - 2.54" (0 - 10 mm) Range
- 5 μm per Division
- Calculated Resolution Better than 1 μm
- Standard 3/8" Barrel Diameter
- 250 $\mu\text{m}/\text{rev}$



Application Idea



Please refer to our website for complete models and drawings.

ITEM#	\$	£	€	RMB	DESCRIPTION
146-200	\$ 77.60	£ 53.80	€ 68.90	¥ 655.30	High-Precision Micrometer Head

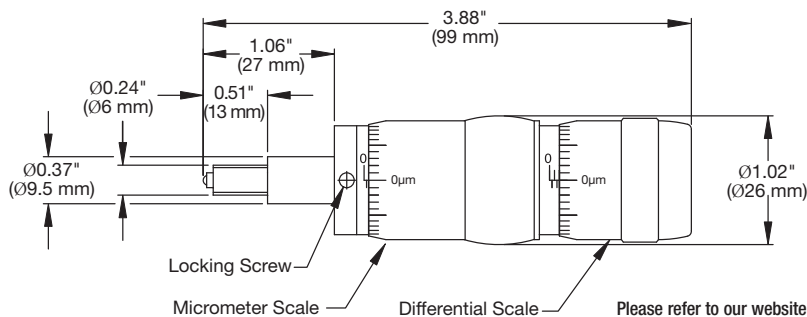
0.5" (12.7 mm) Travel Differential Micrometer Head

- 0.5" (12.7 mm) of Coarse Travel
- 1 μm Coarse Resolution (Calculated)
- 300 μm High-Resolution Differential Travel
- 50 nm Differential Resolution (Calculated)
- $\text{Ø}3/8$ " Mounting Barrel
- 500 $\mu\text{m}/\text{rev}$ Coarse Adjustment
- 50 $\mu\text{m}/\text{rev}$ Fine Adjustment

DRV504



Patent 6,186,016



Please refer to our website for complete models and drawings.

The DRV504 Differential Micrometer has a unique mechanism that converts a relatively large displacement into a comparatively small displacement of the center fine adjustment spindle. The design has the additional benefit of providing a uniformly smooth feel that is largely independent of loading.

Two large knobs are provided for the coarse and differential adjustment, which adds to the overall sensitivity of the unit. The coarse adjustment knob provides 0.5" (12.7 mm) of total travel with 1 μm resolution, while the differential knob provides 300 μm of total travel with 50 nm resolution.

ITEM#	\$	£	€	RMB	DESCRIPTION
DRV504	\$ 395.00	£ 273.90	€ 350.70	¥ 3,335.40	Differential Micrometer, 0.5" (12.7 mm) Travel, $\text{Ø}3/8$ " Mounting Barrel