

MiniMech™ Linear Micrometer Stages with Top Plate

Optics

Lenses

Mirrors &
Beamsplitters

Prisms &
Polarizers

Filters

Pinholes

- Lockable thumbscrew drive actuators or micrometers
- Upgradeable to motorized control
- Precision pre-loaded ball bearing slides
- One piece machined aluminum body
- Tracking accuracy 2 μ m



Opto-mechanics

Breadboards &
Rails

Mounting
Hardware

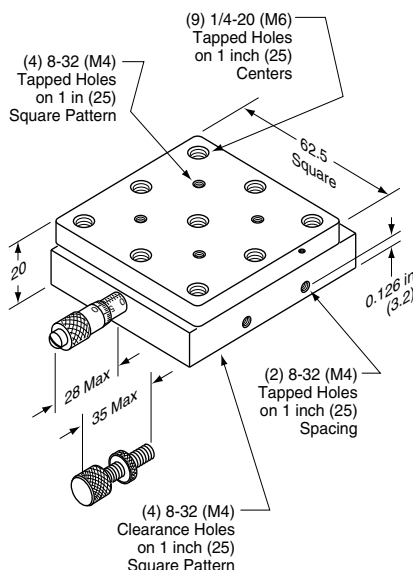
Mirror &
Component
Mounts

Manual
Micro
Positioners

Motorized
Positioners

The MiniMech™ Linear Micrometer Stages described on the previous page are also supplied with Top Plates.

Four different Top Plate versions are available with standard hole patterns in metric (M4 and M6) and inch (8-32 and 1/4-20) configurations. These Top Plates provide a convenient mounting surface for component mounts and holders. MiniMech Linear Stages with Top Plates are available with either 12.7 mm travel thumbscrew actuators or with graduated micrometer actuators which have 6.5 mm of full range travel.



74-3125/ 61-3125/ 74-3158/ 61-3158

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Specifications

Travel Range -

Thumbscrew: 12.7 mm

Micrometer: 6.5 mm

Resolution -

Thumbscrew Actuator: 1.0 μ m

Micrometer Actuator: 1.0 μ m

MotorDriver Actuator: 0.1 μ m

EncoderDriver Actuator: 0.05 μ m

Tracking Accuracy: 2 μ m

Reading Accuracy: 1 division = 10 μ m (micrometer stages only)

Load Capacity -

Horizontal: 5.5 kg

Vertical: 0.5 kg (1 kg with drive below the stage)

Weight (with micrometer): 0.15 kg

MiniMech™ Linear Stages with Top Plate

Catalog Number	Description	Price US
74-3125	MiniMech Linear Stage, 12.7 mm Travel, Thumbscrew, metric, with M6 Hole Pattern Top Plate	\$247.80
74-3158	MiniMech Linear Stage, 6.5 mm Travel, Micrometer Drive, metric, with M6 Hole Pattern Top Plate	\$254.10
61-3125	MiniMech Linear Stage, 12.7 mm Travel, Thumbscrew, Inch, with 1/4-20 Hole Pattern Top Plate	\$247.80
61-3158	MiniMech Linear Stage, 6.5 mm Travel, Micrometer Drive, Inch, with 1/4-20 Hole Pattern Top Plate	\$254.10
37-0221	10 mm MotorDriver Actuator	\$616.35
37-0494	10 mm EncoderDriver Actuator Package	\$1,268.40