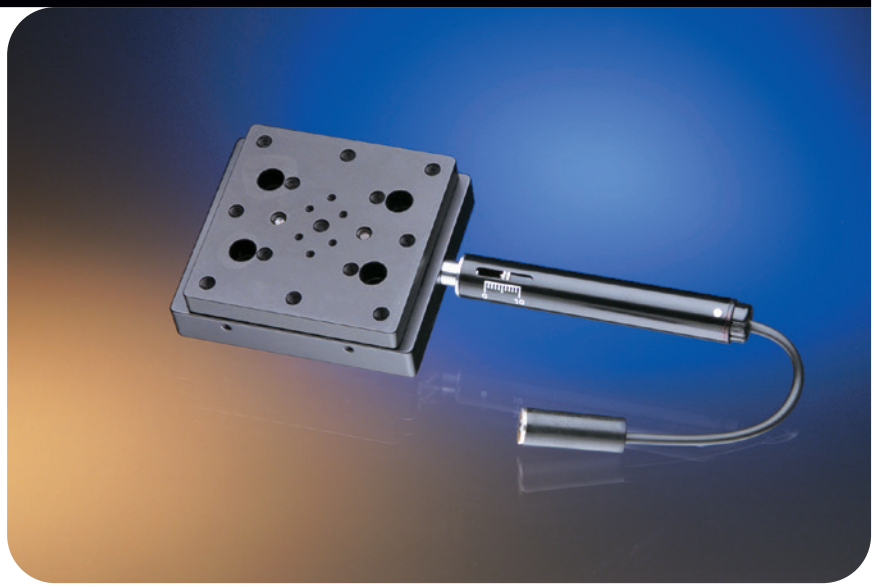
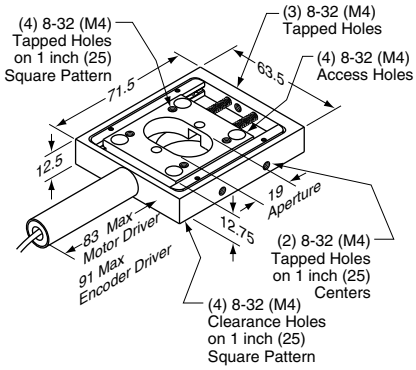
MiniMech™ Linear Motorized Stages

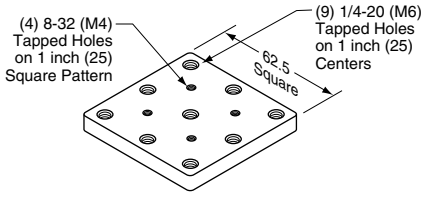
- ***Low profile design***
- ***Precision pre-loaded ball bearing slides***
- ***MotorDriver™ or EncoderDriver™ Actuators, with 10 mm travel***
- ***0.1 µm or 0.05 µm resolution***



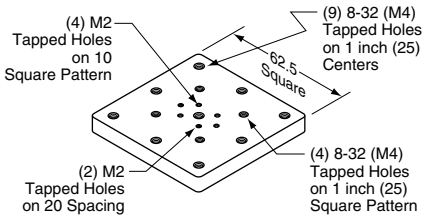
MiniMech™ Linear Motorized Stages are supplied fitted with either a MotorDriver™ or EncoderDriver™ Actuator. The open loop version uses a MotorDriver which offers motorized movement of up to 10 mm with a minimum incremental movement of 0.1 µm. The closed loop motorized EncoderDrivers offer computer controlled travel of up to 10 mm and a minimum incremental movement of 0.05 µm (PC control cards and software are not supplied with the stage).

Top Plates are available separately with standard hole patterns in metric (M4 and M6) and inch (8-32 and 1/4-20) to provide a suitable mounting surface for component mounts and holders.





74-3174/61-3174
Top Plate, M6/1/4-20



74-3166/61-3166
Top Plate, M4/8-32

Specifications

Travel Range: 10 mm motorized
Resolution -
MotorDriver Actuator: 0.1 µm
EncoderDriver Actuator: 0.05 µm
Tracking Accuracy: 2 µm
Reading Accuracy: 1 division = 10 µm (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™ Top Plates for MiniMech Linear Stages

Catalog Number	Description	Price US
74-3166	Top Plate M4	$49.35
74-3174	Top Plate M6	$49.35
61-3166	Top Plate 8-32	$49.35
61-3174	Top Plate 1/4-20	$49.35