

XYZ axis Steel Extended Contact Slide Stages

MLT35-40 Stage size □40mm

RoHS

Catalog Code W7072



Guide

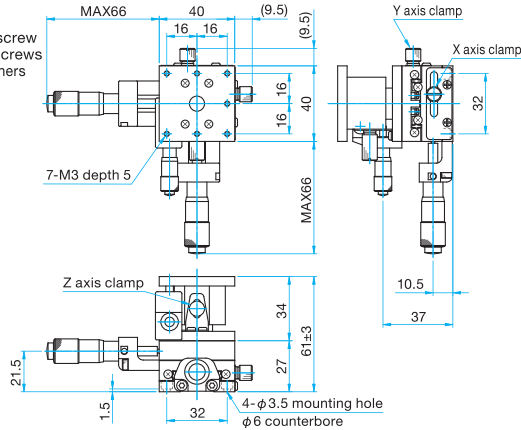
- ▶ The part number suffix FP indicates products with fine-pitch screws instead of standard micrometers.
- ▶ Fine Pitch screws have a screw pitch of 0.25mm and require a hex wrench or the optional hex wrench with knob (NSC) for adjustment. [Reference](#) H010



Outline Drawing

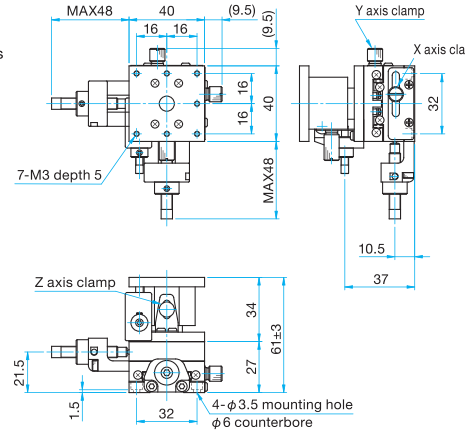
MLT35-40C

- Pan head screw M3×6...4 screws Spring washers



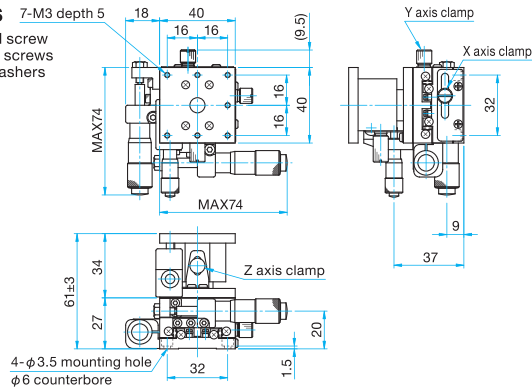
MLT35-40CFP

- Pan head screw M3×6...4 screws Spring washers
- XY axis=3mm Z axis=2mm



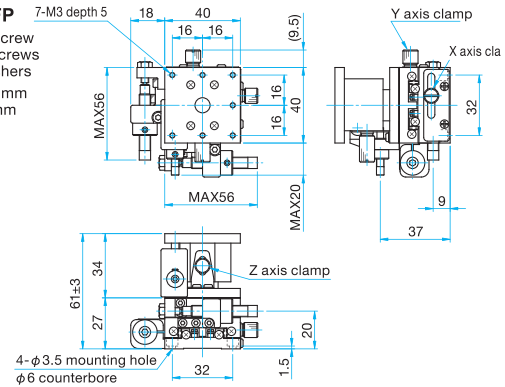
MLT35-40S

- Pan head screw M3×6...4 screws Spring washers



MLT35-40SFP

- Pan head screw M3×6...4 screws Spring washers
- XY axis = 3mm Z axis = 2mm



SPEC UP

Specifications

Table Size [mm]	40×40	
Travel [mm]	XY axis ±6.5, Z axis ±3	
Positioning Slide	Extended contact ball guide	
Primary Material	Steel	
Finish	Super black chrome	
Travel Accuracy	Straightness [μm]	2.5
Max. Moment Capacity	Pitch [N·m]	3.9
	Roll [N·m]	3.9
Moment Stiffness	Pitch [°/N·cm]	2.34
	Roll [°/N·cm]	2.34
Parallelism [μm]	130	

Part Number	MLT35-40C	MLT35-40CFP	MLT35-40S	MLT35-40SFP
Micrometer Position	Center	Center	Side	Side
Lead of Actuator [mm/rotation]	0.5	0.25	0.5	0.25
Micrometer Readable Resolution [mm]	0.01	—	0.01	—
Load Capacity [N]	88.3 (9.0kgf)	39.2 (4.0kgf)	88.3 (9.0kgf)	39.2 (4.0kgf)
Weight [kg]	0.55	0.55	0.55	0.55

Configuration

Part Number	MLT35-40C	MLT35-40CFP	MLT35-40S	MLT35-40SFP
Z axis	MLT33-40	MLT33-40FP	MLT33-40	MLT33-40FP
XY axis	MLT32-40C	MLT32-40CFP	MLT32-40S	MLT32-40SFP

Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

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Measurement & Control

FA Electrical Parts

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X Axis

XY Axis

Z Axis

XZ Axis

XYZ Axis

Rotation

Goniometers /Tilt

Multiaxis

Linear Guide

□15mm

□25mm

□40mm

□50mm

□60mm

□70mm

□80mm

□100mm

□120mm

Others