

XYZ axis Steel Extended Contact Slide Stages(Vertical) | MLT35-25 Stage size 25mm RoHS Catalog Code W7077

Application Systems

Machine Vision

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Motion Control Products

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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



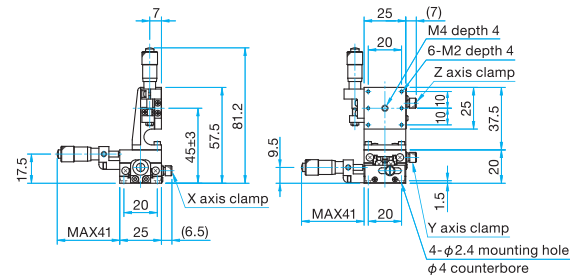
Guide

- ▶ 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

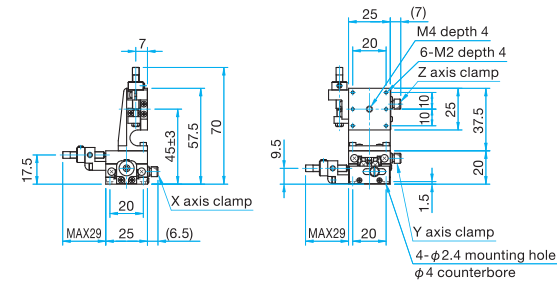


Outline Drawing

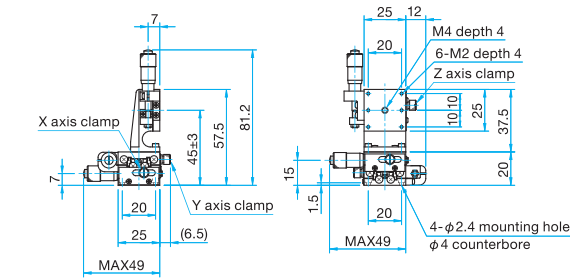
MLT35-25CL Pan head screw M2x4...4 screws



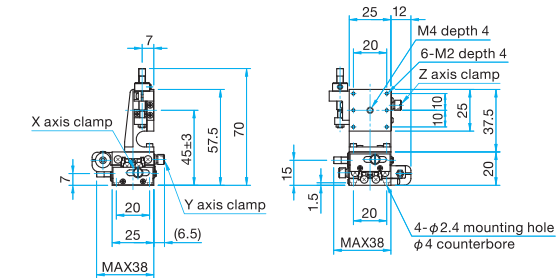
MLT35-25CLFP Pan head screw M2x4...4 screws 2mm



MLT35-25SL Pan head screw M2x4...4 screws



MLT35-25SLFP Pan head screw M2x4...4 screws 2mm



SPEC UP

Specifications

Table Size [mm]	25x25		
Travel [mm]	XY axis ±3, Z axis ±3		
Positioning Slide	Extended contact ball guide		
Primary Material	Steel		
Finish	Super black chrome		
Load Capacity [N]	14.7 (1.5kgf)		
Travel Accuracy	Straightness [μm]	1	
Max. Moment Capacity	Pitch [N·m]	2.2	
	Yaw [N·m]	2.1	
Moment Stiffness	Pitch [°/N·cm]	6.7	

Part Number				
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	—
Weight [kg]	0.2	0.2	0.2	0.2

Configuration

Part Number	MLT35-25CL	MLT35-25CLFP	MLT35-25SL	MLT35-25SLFP
Z axis	MLT33-25L	MLT33-25LFP	MLT33-25L	MLT33-25LFP
XY axis	MLT32-25C	MLT32-25CFP	MLT32-25S	MLT32-25SFP