

XYZ axis Steel Extended Contact Slide Stages(Vertical)

MLT35-40 Stage size □40mm

RoHS

Catalog Code **W7078**



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.

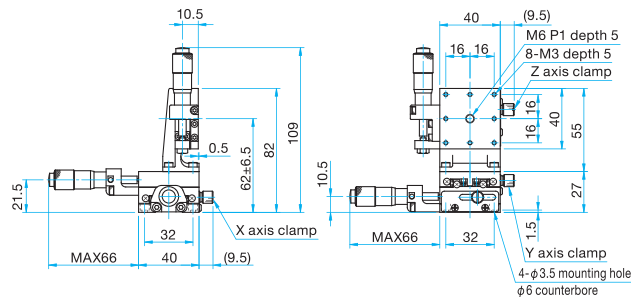


Reference ▶ H010

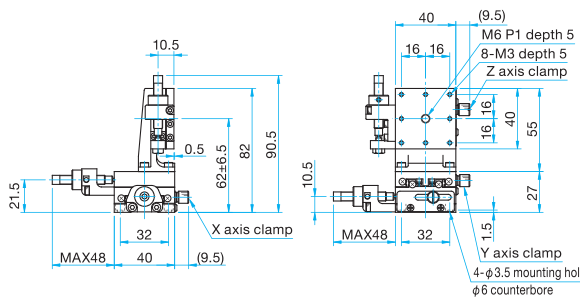


Outline Drawing

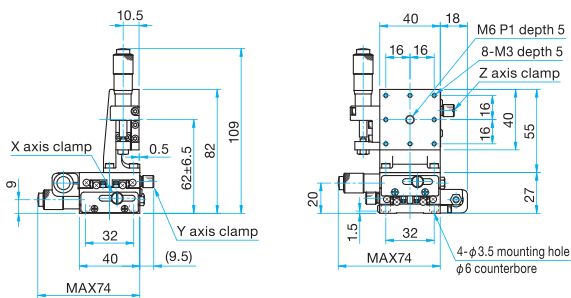
MLT35-40CL Pan head screw M3x6...4 screws, Spring washers



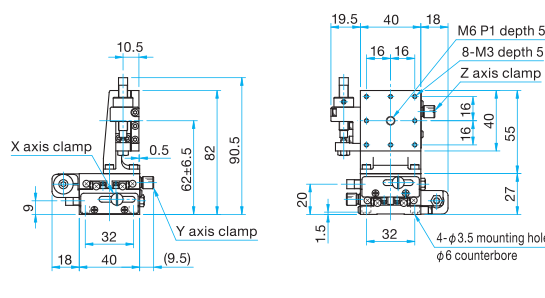
MLT35-40CLFP Pan head screw M3x6...4 screws, Spring washers 3mm



MLT35-40SL Pan head screw M3x6...4 screws, Spring washers



MLT35-40SLFP Pan head screw M3x6...4 screws, Spring washers 3mm



SPEC UP

Specifications			
Table Size [mm]		40×40	
Travel [mm]		XY axis ±6.5, Z axis ±6.5	
Positioning Slide		Extended contact ball guide	
Primary Material		Steel	
Finish		Super black chrome	
Load Capacity [N]		49 (5.0kgf)	
Travel Accuracy	Straightness [μm]	1	
Max. Moment Capacity	Pitch [N·m]	5.0	
	Yaw [N·m]	5.0	
Moment Stiffness	Pitch ["/N·cm]	1.1	

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]	0.6	0.6	0.6	0.6

Configuration

Part Number	MLT35-40CL	MLT35-40CLFP	MLT35-40SL	MLT35-40SLFP
Z axis	MLT33-40L	MLT33-40LFP	MLT33-40L	MLT33-40LFP
XY axis	MLT32-40C	MLT32-40CFP	MLT32-40S	MLT32-40SFP

Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

F A Parts

Measurement & Control

FA Electrical Parts

Tool & Measure

Cleanroom & AntiStatic

Index

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