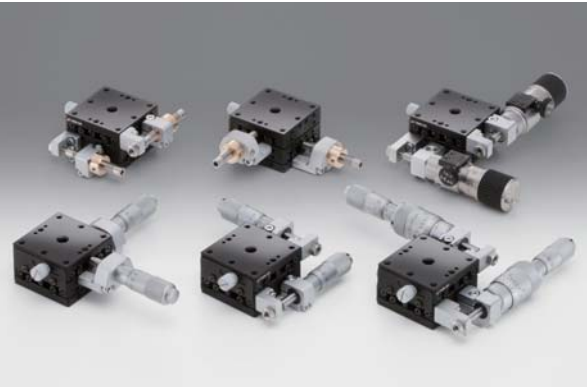
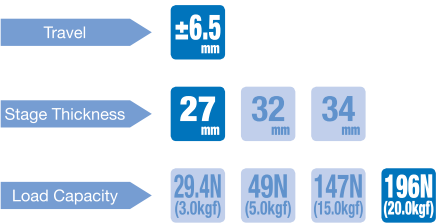




XY axis Steel Extended Contact Slide Stages | MLT32-40 Stage size 40mm

RoHS

Hardened Steel linear stages with integrated bearing ways for superior stiffness, accuracy and durability.



Guide

- Stainless steel types (MLT32-40) are available for superior corrosion resistance. [Reference](#) G064
- 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



Attention

- Micrometer brackets may extend above the top surface of some stages. Check drawings for more information.

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

SPEC UP

Specifications						
Table Size [mm]		40×40				
Travel [mm]		±6.5				
Positioning Slide		Extended contact ball guide				
Primary Material		Steel				
Finish		Super black chrome				
Load Capacity [N]		196 (20.0kgf)				
Travel Accuracy	Straightness [μm]	1				
	Pitch [″]	30				
	Yaw [″]	25				
Max. Moment Capacity	Pitch [N·m]	7.8				
	Roll [N·m]	7.8				
	Yaw [N·m]	5.0				
Moment Stiffness	Pitch [″/N·cm]	0.5				
	Roll [″/N·cm]	0.5				
	Yaw [″/N·cm]	0.46				
Parallelism [μm]		50				
Running Parallelism [μm]		20				
Part Number	MLT32-40C	MLT32-40CFP	MLT32-40S	MLT32-40SFP	MLT32-40SDM	MLT32-40SWP
Opposite Model	—	—	MLT32-40SR	MLT32-40SRFP	MLT32-40SRDM	—
Micrometer Position	Center	Center	Side	Side	Side	Side
Lead of Actuator [mm/rotation]	0.5	0.25	0.5	0.25	Coarse: 0.5 Fine: 0.025	Coarse: 0.25 Fine: 0.005
Micrometer Readable Resolution [mm]	0.01	—	0.01	—	Coarse: 0.01 Fine: 0.0005	Coarse: 0.005 Fine: 0.0005
Weight [kg]	0.3	0.3	0.3	0.3	0.42	0.3

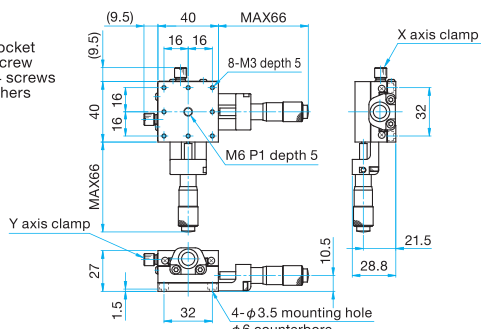
Catalog Code W7025



Outline Drawing

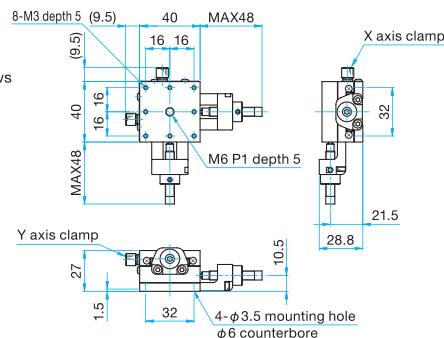
MLT32-40C

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



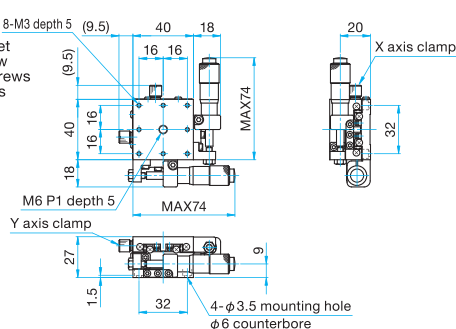
MLT32-40CFP

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers
- 3mm



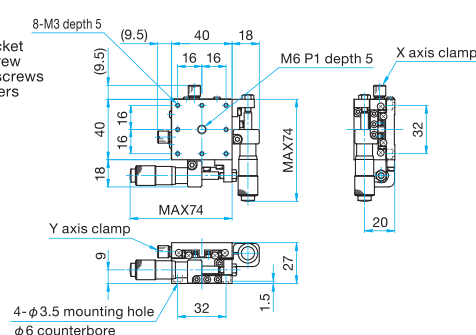
MLT32-40S

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



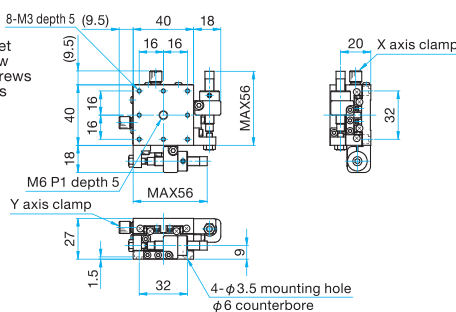
MLT32-40SR

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



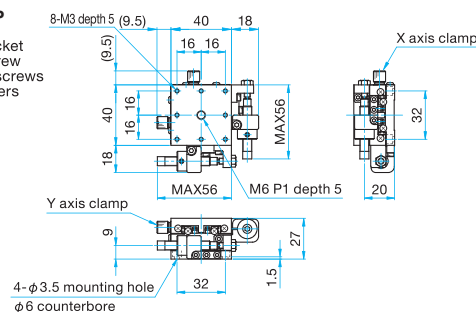
MLT32-40SFP

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers
- 3mm



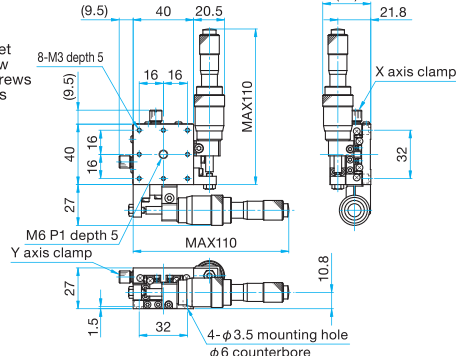
MLT32-40SRFP

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers
- 3mm



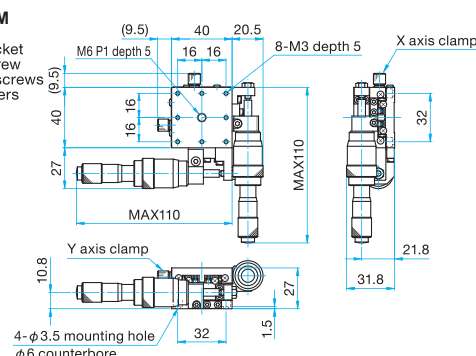
MLT32-40SDM

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



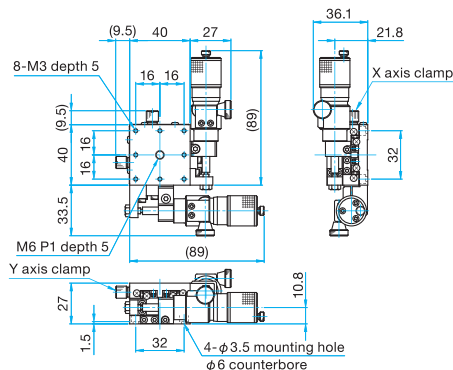
MLT32-40SRDM

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



MLT32-40SWP

- Hexagon socket head cap screw M3x6...4 screws
- Spring washers



Application Systems

Machine Vision

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Optical & Mirror Holder

F A Parts

Measurement & Control

FA Electrical Parts

Tool & Measure

Cleanroom & AntiStatic

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