



XY axis Steel Extended Contact Slide Stages (Filtered)
XY axis Steel Extended Contact Slide Stages (Long)

MLT32-120 Stage size □120mm
MLT32-1016 Stage size 100×160mm

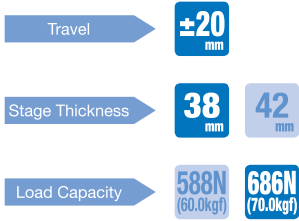


- Application Systems
- Machine Vision
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- Motion Control Products
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Hardened Steel linear stages with integrated bearing ways for superior stiffness, accuracy and durability.

- The rectangular shape minimizes the footprint while providing longer travel.

■ Stage □120mm



- 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				
Part Number		MLT32-120CH	MLT32-120SH	MLT32-1016S
Opposite Model		—	MLT32-120SRH	MLT32-1016SR
Table Size [mm]		120×120	120×120	100×160
Micrometer Position		Center	Side	Side
Travel [mm]		±20	±20	±25
Lead of Actuator [mm/rotation]		0.5	0.5	0.5
Micrometer Readable Resolution [mm]		0.01	0.01	0.01
Positioning Slide		Extended contact ball guide	Extended contact ball guide	Extended contact ball guide
Primary Material		Steel	Steel	Steel
Finish		Super black chrome	Super black chrome	Super black chrome
Load Capacity [N]		686 (70.0kgf)	686 (70.0kgf)	686 (70.0kgf)
Travel Accuracy	Straightness [μm]	1	1	1
	Pitch [°]	25	25	25
	Yaw [°]	15	15	15
Max. Moment Capacity	Pitch [N·m]	49	49	41.7
	Roll [N·m]	49	49	41.7
	Yaw [N·m]	27	27	19.6
Moment Stiffness	Pitch [°/N·cm]	0.05	0.05	0.05
	Roll [°/N·cm]	0.05	0.05	0.05
	Yaw [°/N·cm]	0.06	0.06	—
Parallelism [μm]		50	50	100
Running Parallelism [μm]		25	25	30
Weight [kg]		3.1	3.1	4.8

Catalog Code W7029

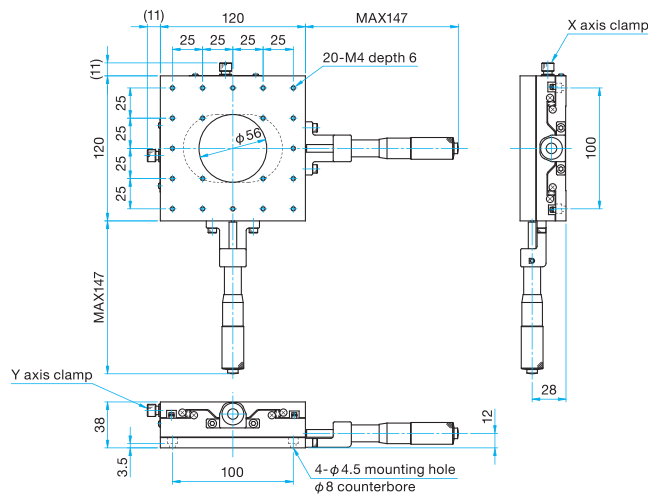
Catalog Code W7030



Outline Drawing

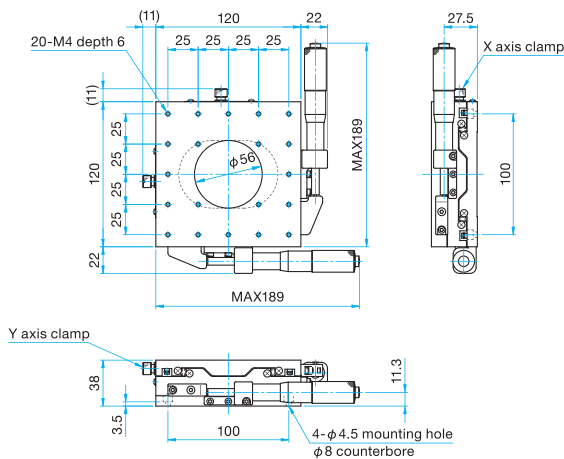
MLT32-120CH

Hexagonal socket head cap screw M4x8...4 screws



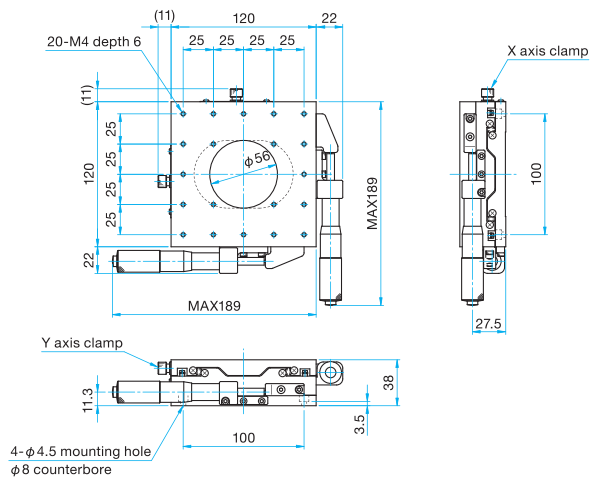
MLT32-120SH

Hexagonal socket head cap screw M4x8...4 screws



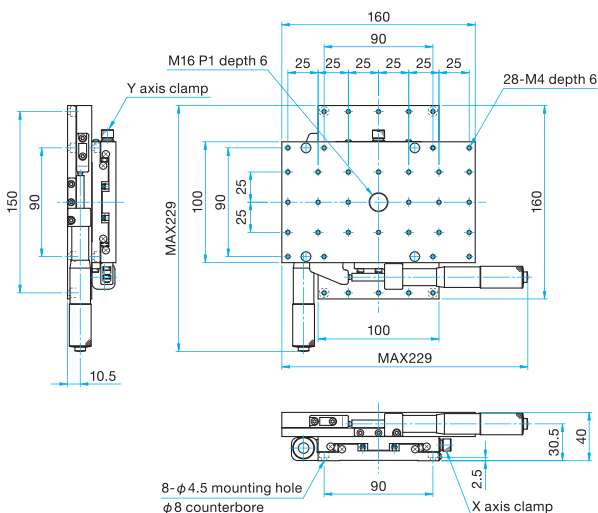
MLT32-120SRH

Hexagonal socket head cap screw M4x8...4 screws



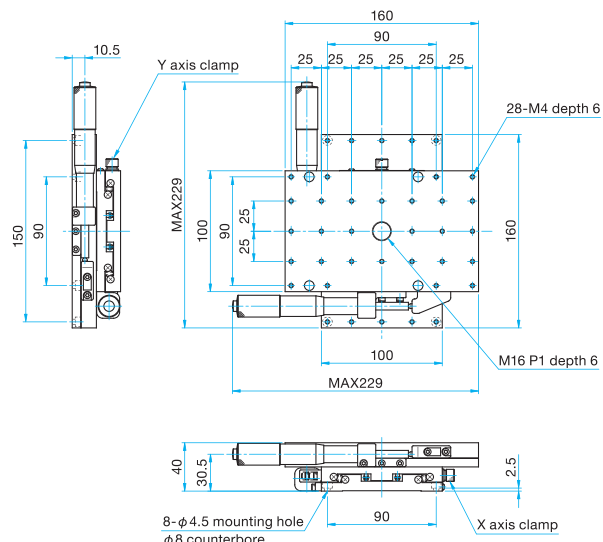
MLT32-1016S

Hexagonal socket head cap screw M4x8...4 screws



MLT32-1016SR

Hexagonal socket head cap screw M4x8...4 screws



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Z Axis

XZ Axis

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Rotation

Goniometers /Tilt

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Others