

XZ axis Leadscrew Stages

MLT14-□

RoHS

Application Systems

Machine Vision

Manual Positions

Motion Control Products

Optical & Mirror Holder

FA 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

XZ axis stages with dovetail slide guide and lead screw adjustment system, suitable for less frequent operations that require fine adjustment.

- The feed handle offers excellent operability.



Guide

- ▶ Control the TAS-154L with a hex wrench.

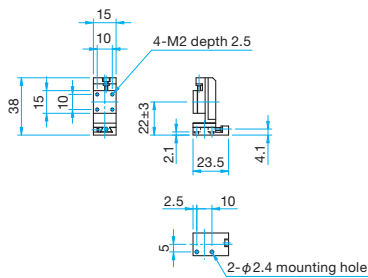
Attention

- ▶ Note that the MLT14-15L has no clamping mechanism.
- ▶ Micrometer brackets may extend above the top surface of some stages. Check drawings for more information.

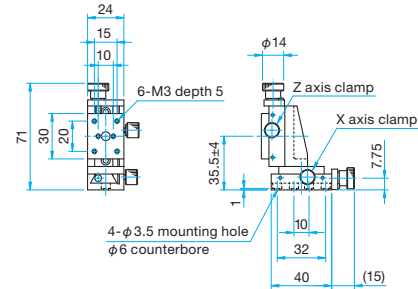


Outline Drawing

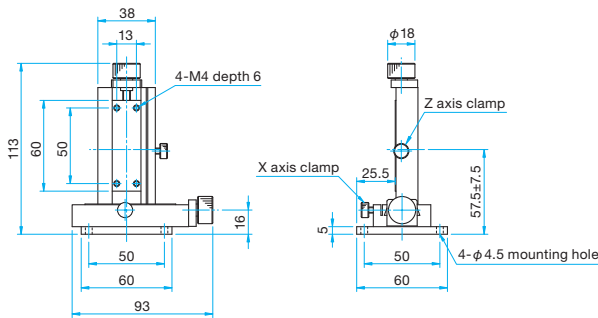
MLT14-15L □ Pan head screw M2×4...2 screws □ 2.5mm



MLT14-2430L □ Pan head screw M3×5...4 screws



MLT14-2060L □ Hexagonal socket head cap screw M4×10...4 screws



Specifications

Part Number	MLT14-15L	MLT14-2430L	MLT14-2060L
Table Size [mm]	15×15	24×30	18×60
Travel [mm]	X axis ±3, Z axis ±3	X axis ±4, axis ±4	X axis ±7.5, Z axis ±7.5
Lead of Actuator [mm/rotation]	0.4	0.5	0.5
Positioning Slide	Dovetail slide method	Dovetail slide method	Dovetail slide method
Primary Material	Brass	Brass	Brass
Finish	Super black chrome	Super black chrome	Super black chrome
Load Capacity [N]	2.9 (0.3kgf)	4.9 (0.5kgf)	9.8 (1.0kgf)
Travel Accuracy	Straightness [μm]	20	20
Max. Moment Capacity	Pitch [N·m]	0.01	0.2
	Yaw [N·m]	0.01	0.2
Weight [kg]	0.04	0.42	1