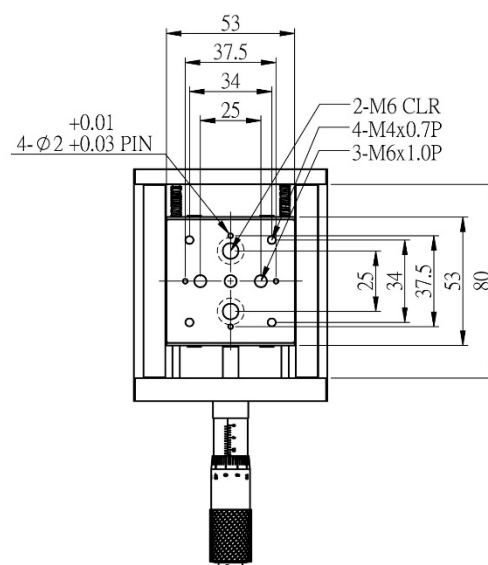
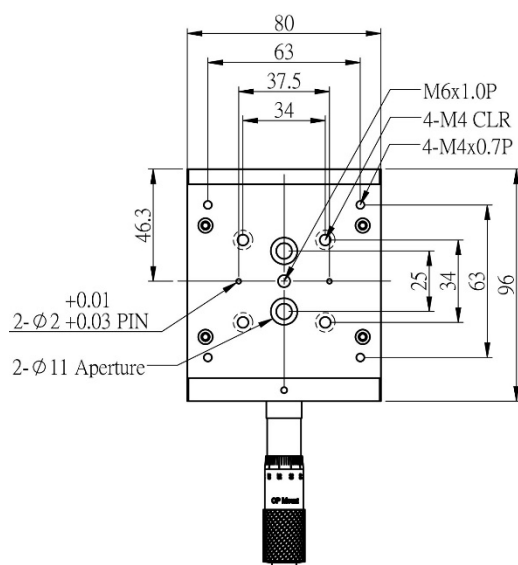


TCM53-1-SERIES

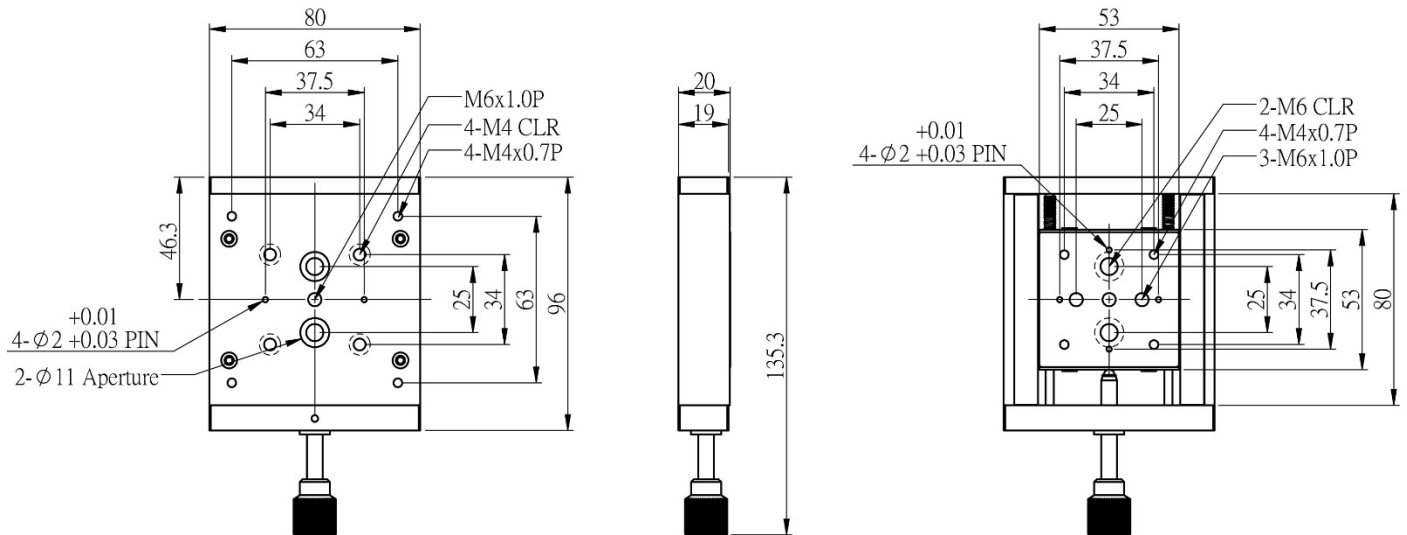
Standard Linear Stage, 1" Travel Series. Equipped with an ME-25 (resolution 10um) micrometer, and it can be assembled with SB-2 and AB-2 into a 3-axis stage.

ITEM	PLATFORM SIZE	ACTUATORS	AXIS	TRAVEL	STRAIGHTNESS	PARALLELISM	RESOLUTION	LOAD
TCM53X-1	80x96mm	Micrometer	X	±12.5mm	±15um	±15um	10um	3kg
TCM53X-1A	80x96mm	100 TPI	X	±12.5mm	±15um	±15um	NA	3kg
TCM53XY-1	80x96mm	Micrometer	XY	±12.5mm	±15um	±15um	10um	3kg
TCM53XY-1A	80x96mm	100 TPI	XY	±12.5mm	±15um	±15um	NA	3kg
TCM53XYZ-1	80x96mm	Micrometer	XYZ	±12.5mm	±15um	±15um	10um	3kg
TCM53XYZ-1A	80x96mm	100 TPI	XYZ	±12.5mm	±15um	±15um	NA	3kg

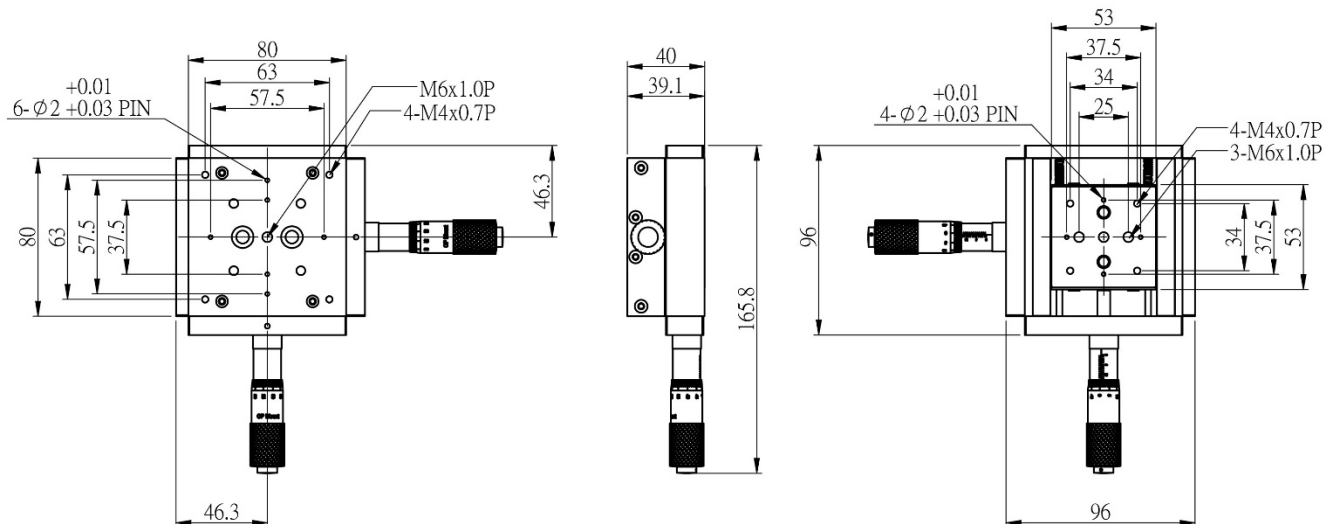
TCM53X-1



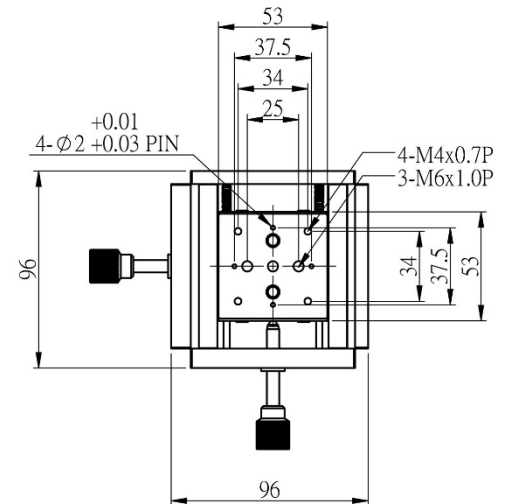
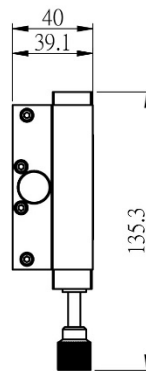
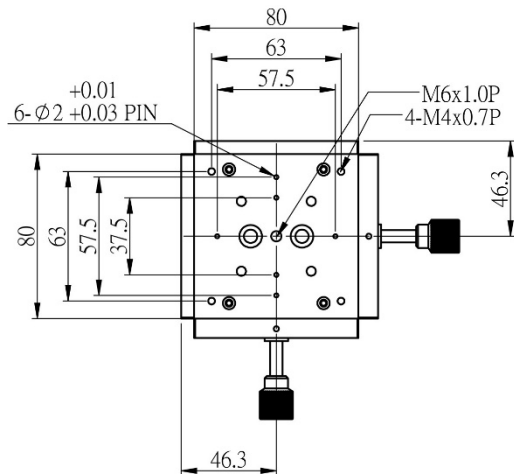
TCM53X-1A



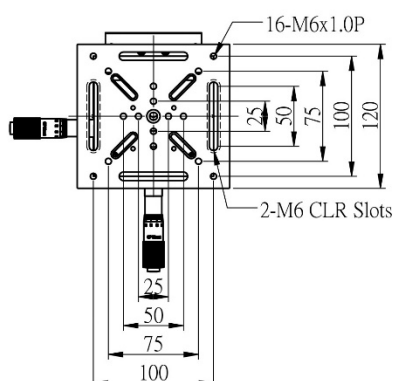
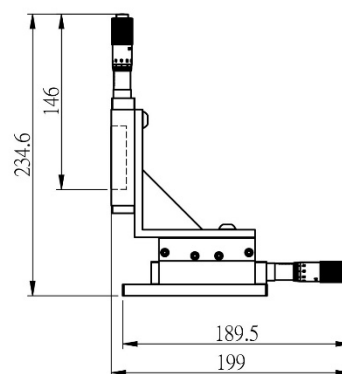
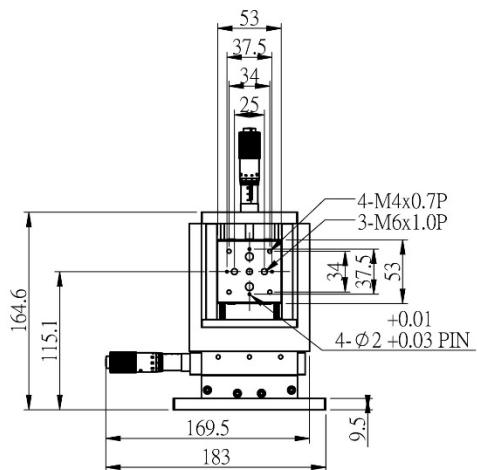
TCM53XY-1



TCM53XY-1A



TCM53XYZ-1



Technical drawing of the mechanical assembly showing dimensions and labels:

- Overall height: 164.6
- Height from base to top of main body: 115.1
- Top section dimensions (from top): 53, 37.5, 34, 25
- Labels for top section: 4-M4x0.7P, 3-M6x1.0P
- Right side dimensions (from right): 34, 37.5, 53
- Bottom section label: 4- $\varnothing 2$ +0.03 PIN
- Bottom dimensions: 139, 152.5

