

M C 2 A - 60

Transmission	Guide Device	Axis	Feeding Specification	Stage Dimension
M : Manual	C : Dovetail type	1 : X-axis	A : Feeding screw	Selectable from catalogue
	T: Tilt type	2 : XY-axis	B : Rack and pinion	
	M : Magnetic type	3 : Z-axis	C : Rack and pinion with long stroke	
	Z : Horizontal Z axis	4 : X-axis+L bracket	D : Rack and pinion in simple design	
	N : Double bars with single spring	5 : XZ-axis	E : Feeding screw (Hex. Wrench type)	
	NG : Double bars with double springs	6 : XYZ-axis	F : Standard micrometer	
	NE : Double bars	7 : XX-axis	G : Feeding screw (Knob with scale)	

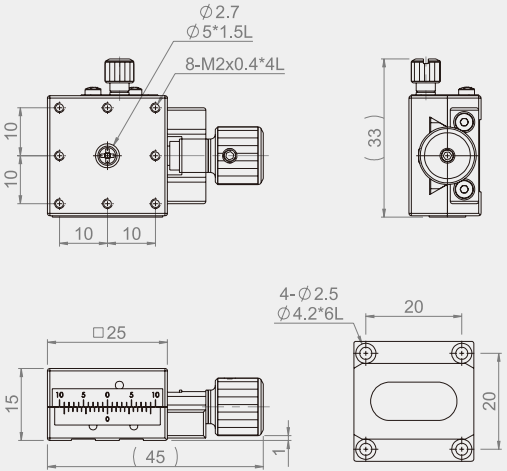
M C S - 44 W L

Transmission	Guide Device	Axis	Dimension	Knob Type	Stroke Direction
M : Manual	C : Dovetail type	S : X-axis	Selectable from catalogue	NIL : Single knob	NIL : Z-axis (Up & Down stroke)
		D : XY-axis		W : Double knobs	L : Z-axis (Up stroke)
		V : Z-axis			
		M : XZ-axis			
		T: XY-axis+Z-plate			

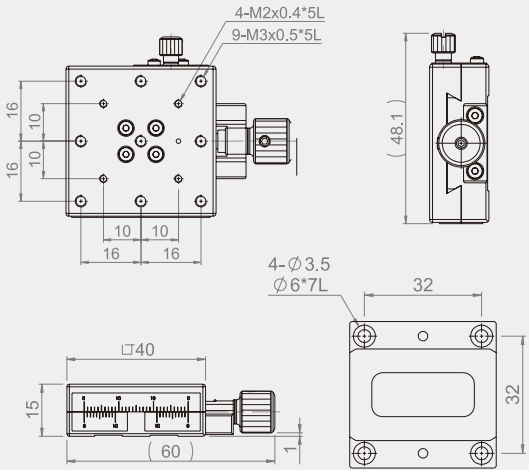
MC1A-60



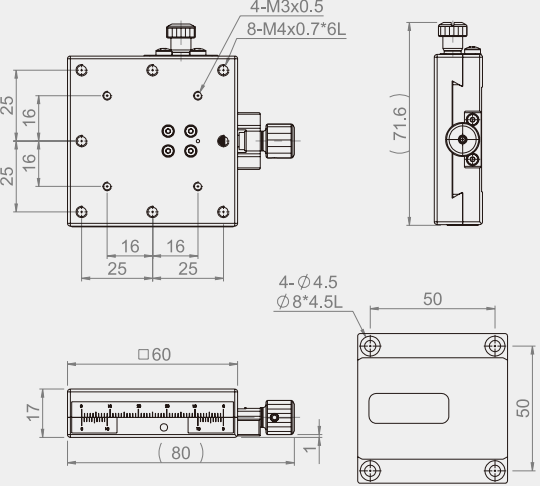
MC1A-25



MC1A-40



MC1A-60



Specification

Model No.	Table Size	Travel Stroke	Micrometer Minimum Reading	Straightness Accuracy (μ m)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-25	25*25	± 3	0.1 mm / Vernier	30	3	0.07	Stage body : brass alloy feeding screw Knob : aluminum	Black fluororesin finished
MC1A-40	40*40	± 7			3	0.19		
MC1A-60	60*60	± 9			4	0.47		

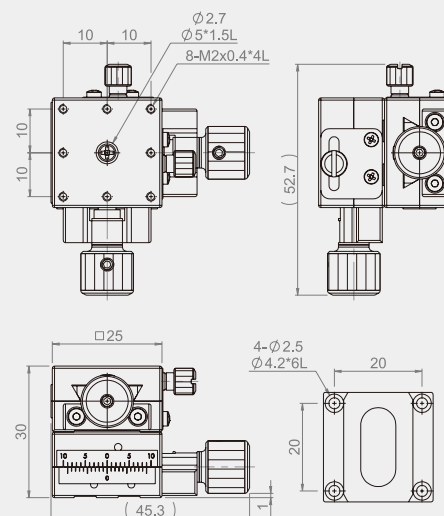
Unit : mm

★ A full rotation of the feeding screw knob equals a 0.5mm stroke.

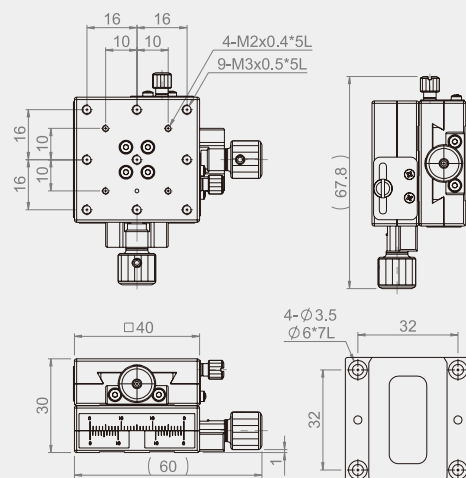
MC2A-60



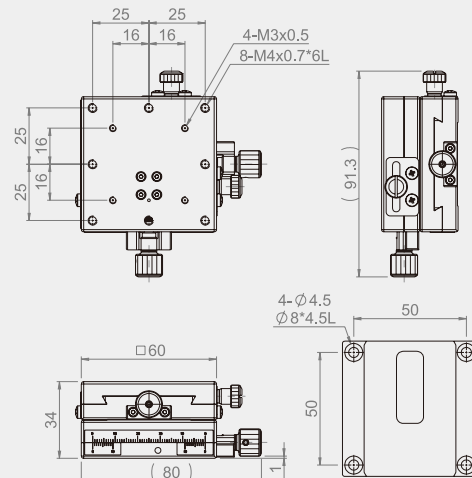
MC2A-25



MC2A-40



MC2A-60



Specification

Unit : mm

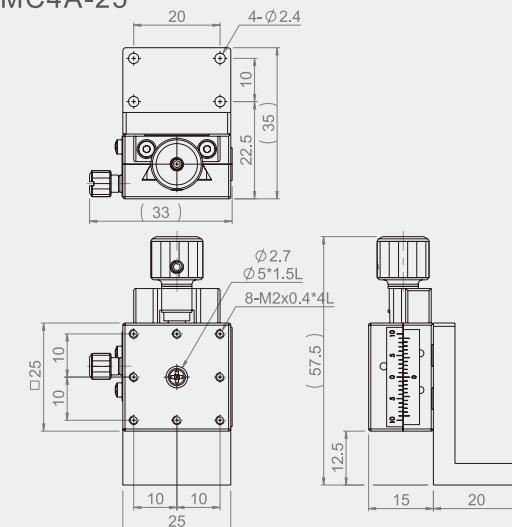
Model No.	Table Size	Travel Stroke	Micrometer Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC2A-25	25*25	±3	0.1 mm / Vernier	30	2.9	0.15	Stage body : brass alloy feeding screw Knob : aluminum	Black fluororesin finished
MC2A-40	40*40	±7			2.8	0.38		
MC2A-60	60*60	±9			3.4	1.2		

★ A full rotation of the feeding screw knob equals a 0.5mm stroke.

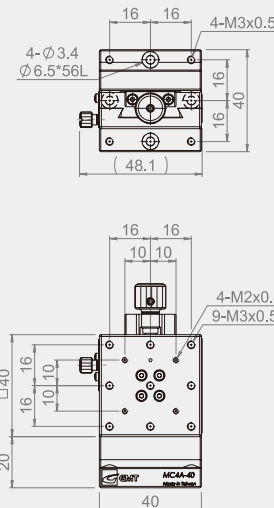
MC4A-60



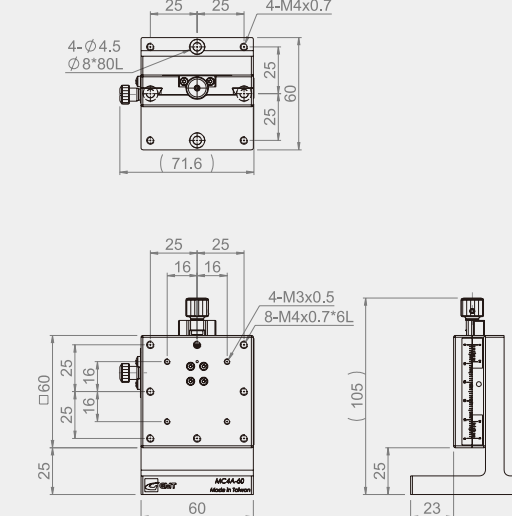
MC4A-25



MC4A-40



MC4A-60



Specification

Unit : mm

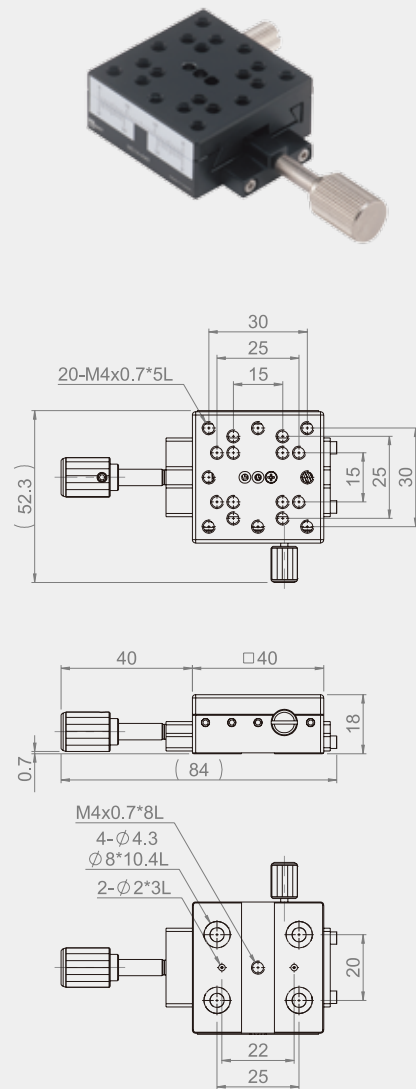
Model No.	Table Size	Travel Stroke	Micrometer Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC4A-25	25*25	±3	0.1 mm / Vernier	30	1	0.09	Stage body : brass alloy feeding screw Knob:aluminum	Black fluororesin finished
MC4A-40	40*40	±7			1	0.26		
MC4A-60	60*60	±9			2	0.75		

★ A full rotation of the feeding screw knob equals a 0.5mm stroke.

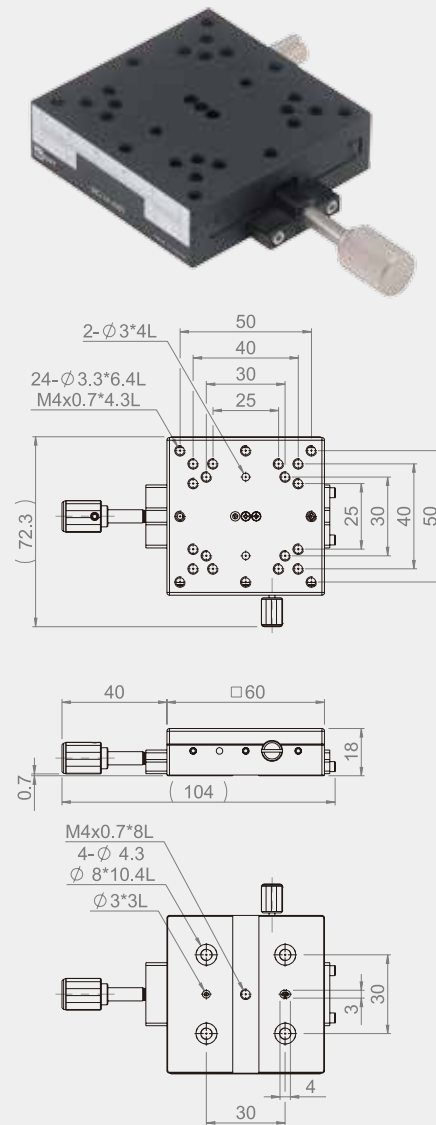
Dovetail Guiding ▶ X-Axis ▶ Feeding Screw / Thin Type

Dovetail Stage | X-Axis | Lead:4.2mm

MC1A-A40



MC1A-A60



Specification

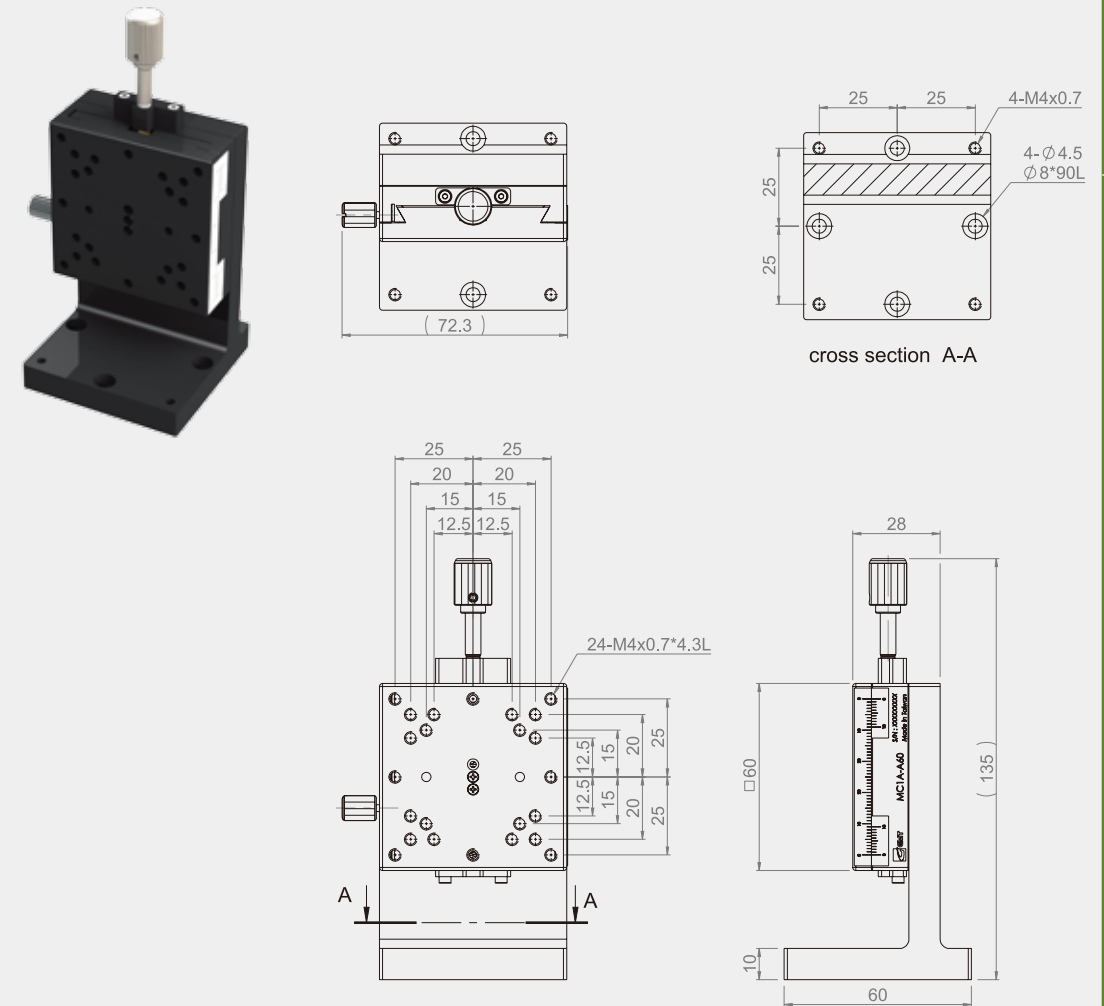
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-A40	40*40	X-axis	Central	± 11	0.1mm/ Vernier	30	2	0.10	Aluminum alloy	Black anodized
MC1A-A60	60*60			± 21			3	0.19		

Dovetail Guiding ▶ Z-Axis ▶ Feeding Screw / Thin Type

Dovetail Stage | Z-Axis | Lead:4.2mm

MC4A-A60

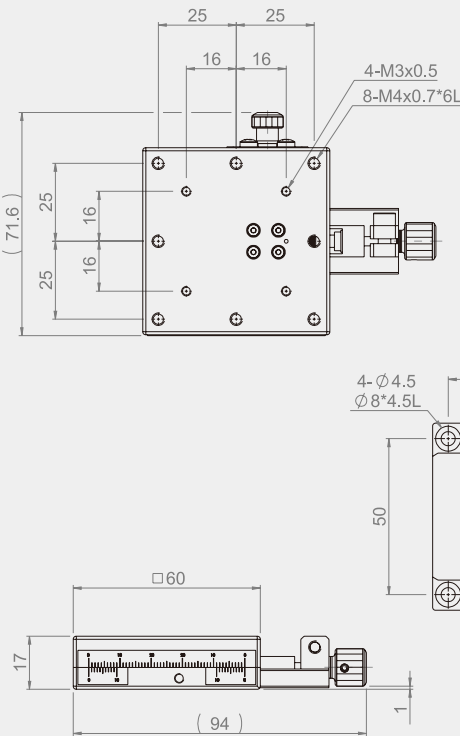
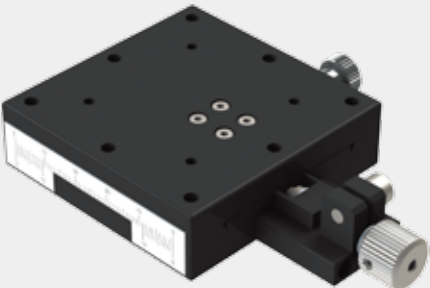


Specification

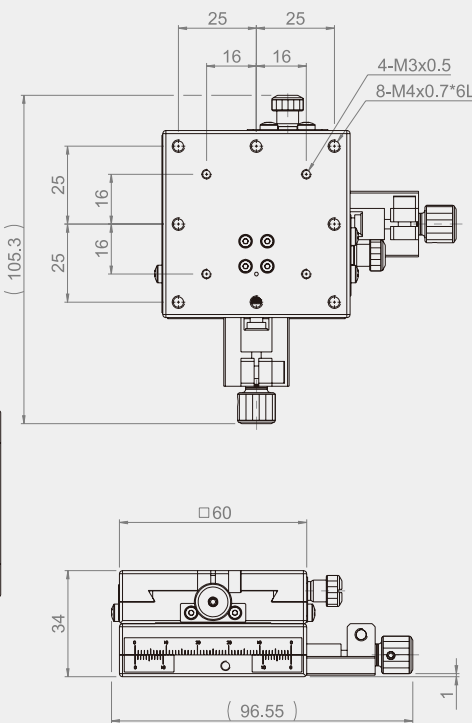
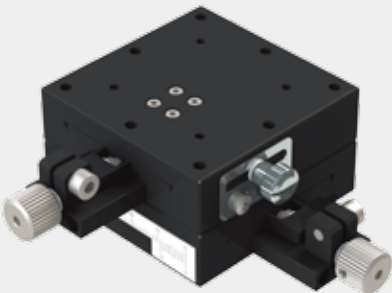
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Movement Per Knob Rotation	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC4A-A60	60*60	Z-axis	Central	±21	4.2	0.1 mm / Vernier	30	2.1	0.42	Aluminum alloy	Black anodized

MC1A-60CL



MC2A-60CL



Specification

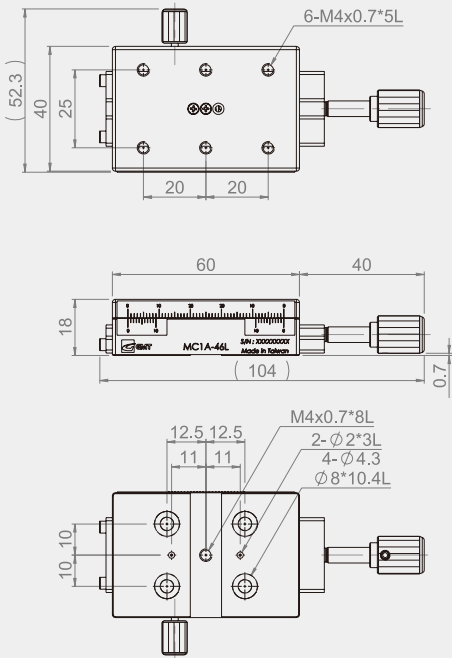
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Movement Per Knob Rotation	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-60CL	60*60	X-axis	Central	±9	0.5	0.1 mm / Vernier	30	4	0.47	Stage body : brass alloy feeding screw Knob : aluminum	Black fluororesin finished
MC2A-60CL		XY-axis						3.4	0.98		

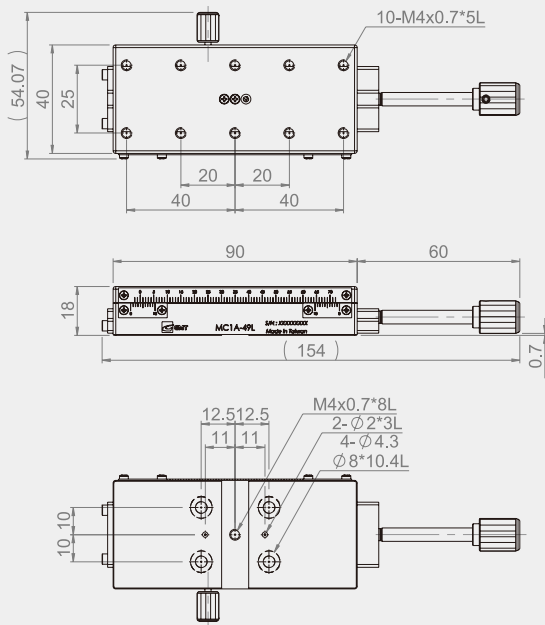
MC1A-46L



MC1A-46L



MC1A-49L

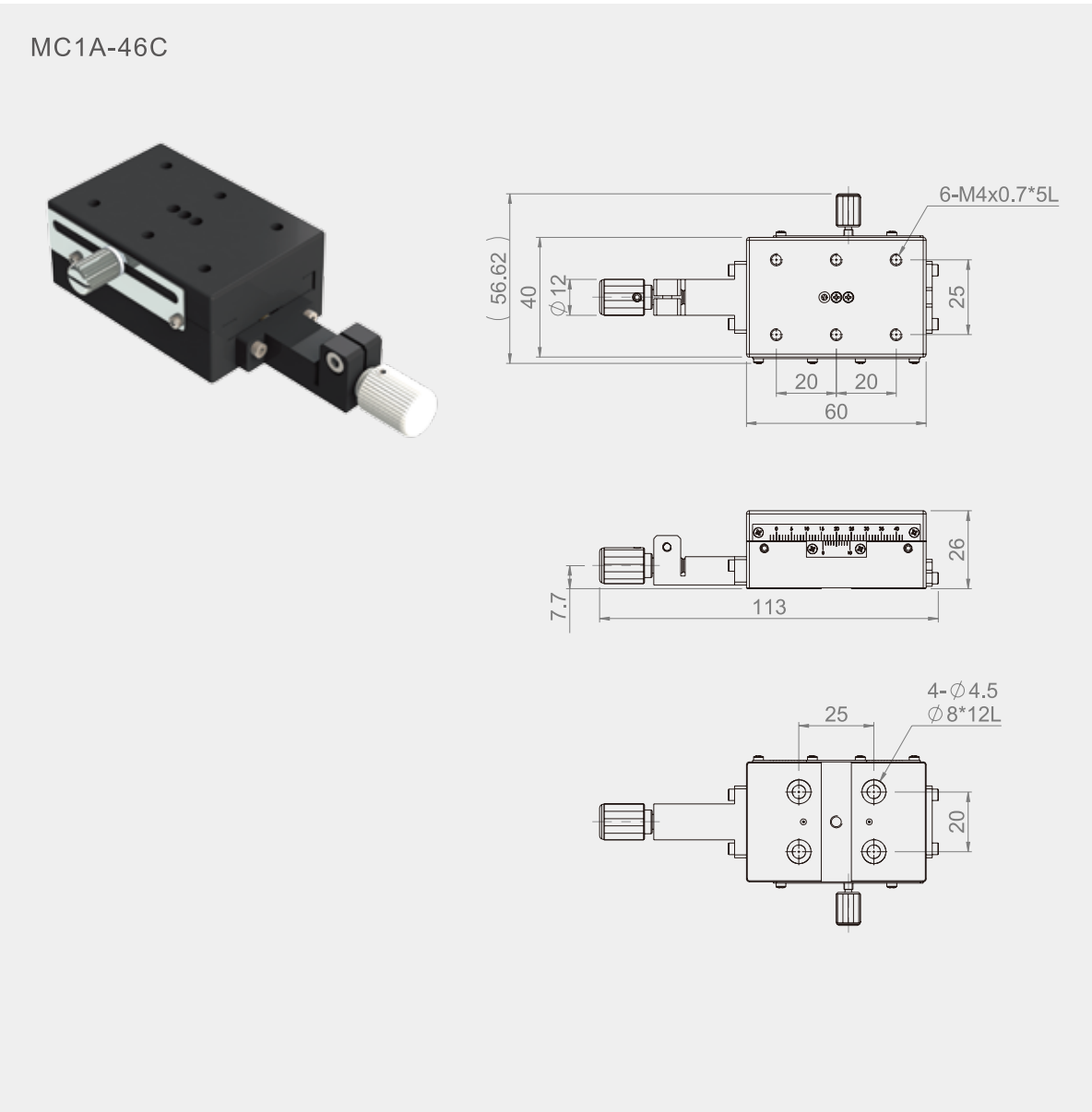


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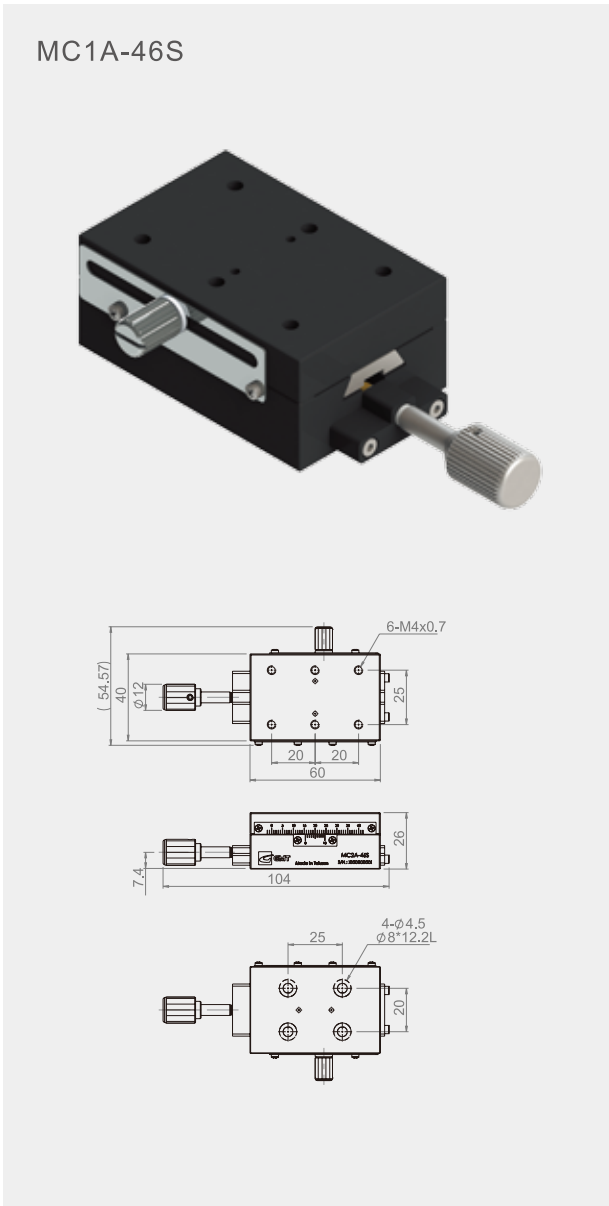
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-46L	40*40	X axis	Central	± 21	0.1mm / Vernier	30	3	0.14	Aluminum alloy	Black anodized
MC1A-49L	40*90			± 35			3	0.19		

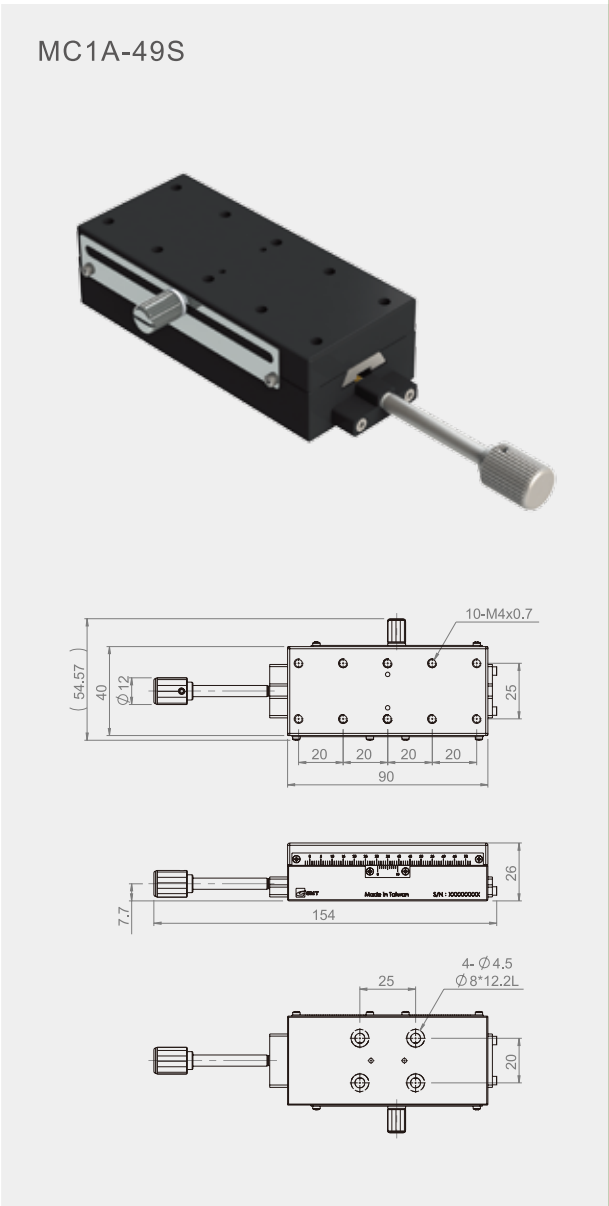
MC1A-46C



MC1A-46S



MC1A-49S



Specification

Unit : mm

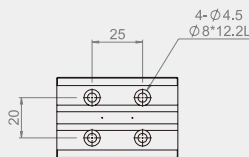
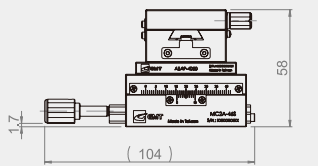
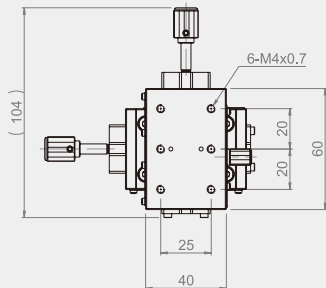
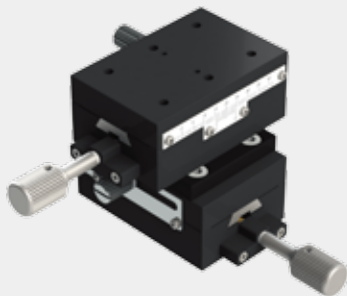
Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (mm)	Dynamic Straightness Accuracy (mm)	Dynamic Parallel (mm)	Horizontal/ Vertical Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-46C	40*60	X-axis	Central	±21	0.1 mm / Vernier	0.01	0.03	0.03	4 / 2	0.19	Aluminum alloy	Black anodized

Specification

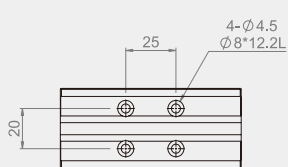
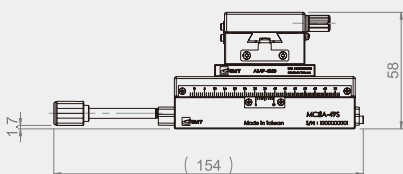
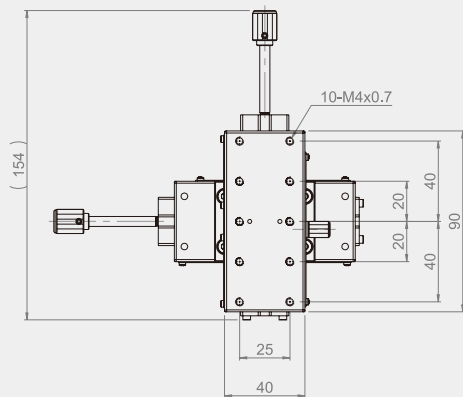
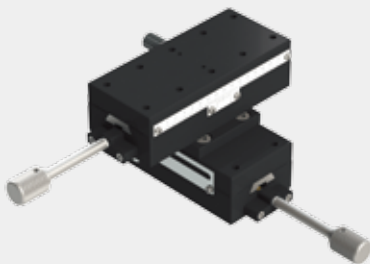
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (mm)	Dynamic Straightness Accuracy (mm)	Dynamic Parallel (mm)	Horizontal/ Vertical Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-46S	40*60	X-axis	Central	±21	0.1 mm / Vernier	0.03	0.03	0.03	4 / 2	0.19	Aluminum alloy	Black anodized
MC1A-49S	40*90			±35						0.29		

MC2A-46S



MC2A-49S

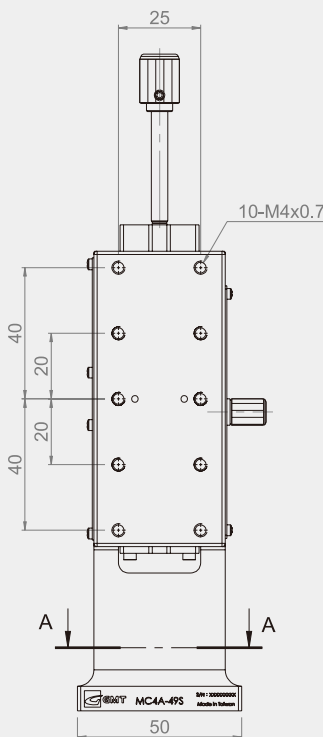
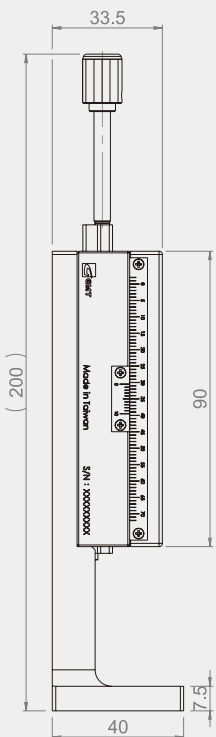
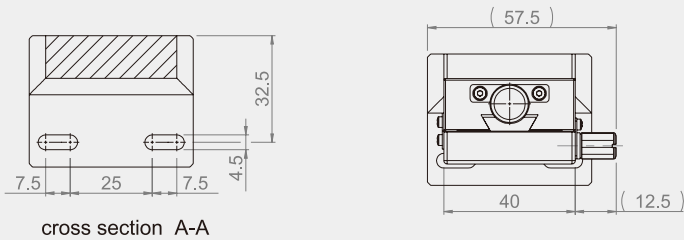


Specification

Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Movement Per Knob Rotation	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC2A-46S	40*60	XY-axis	Central	±21	4.2	0.1 mm / Vernier	30	3.8	0.43	Aluminum alloy	Black anodized
MC2A-49S	40*90			±35				3.72	0.62		

MC4A-49S

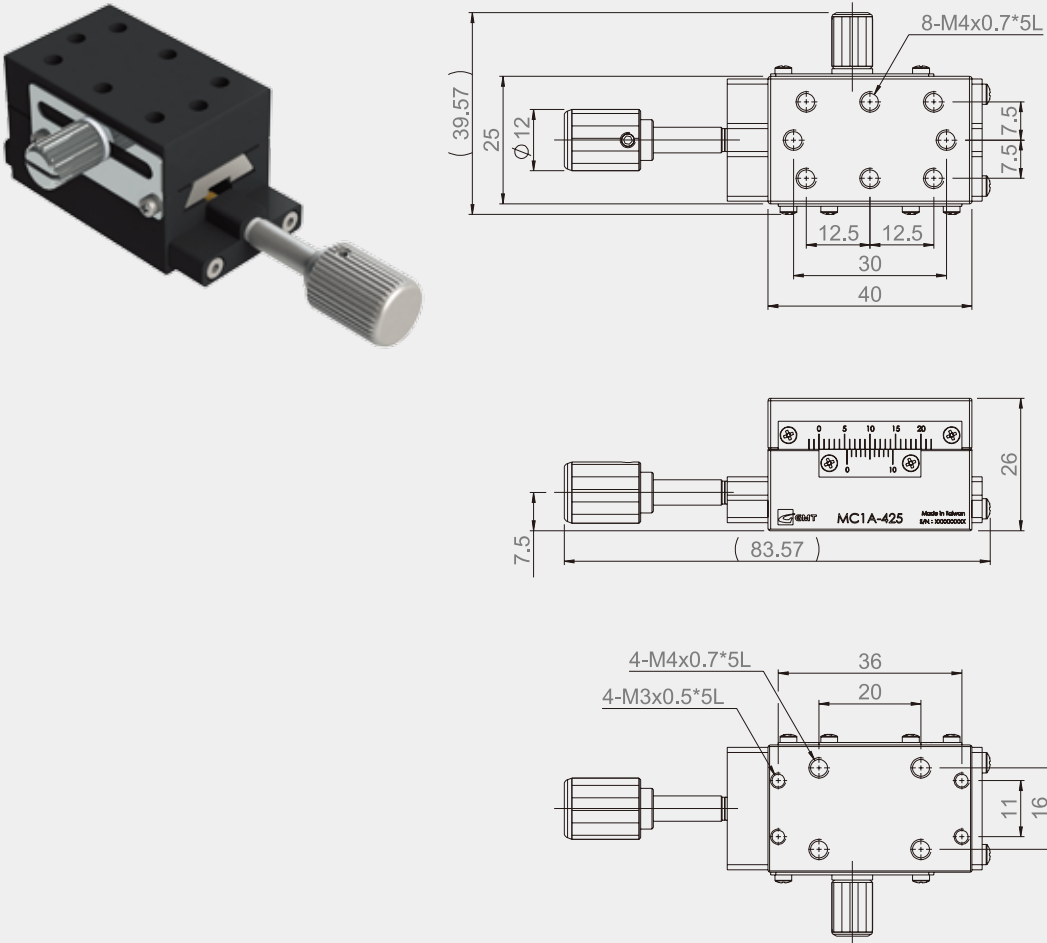


Specification

Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Movement Per Knob Rotation	Minimum Reading	Straightness Accuracy	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC4A-49S	40*90	Z-axis	Central	±35	4.2	0.1 mm / Vernier	30 μm	2	0.46	Aluminum alloy	Black anodized

MC1A-425

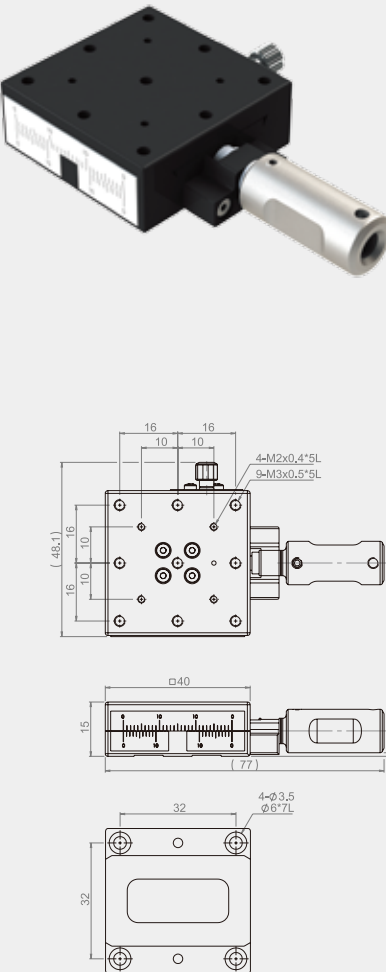


Specification

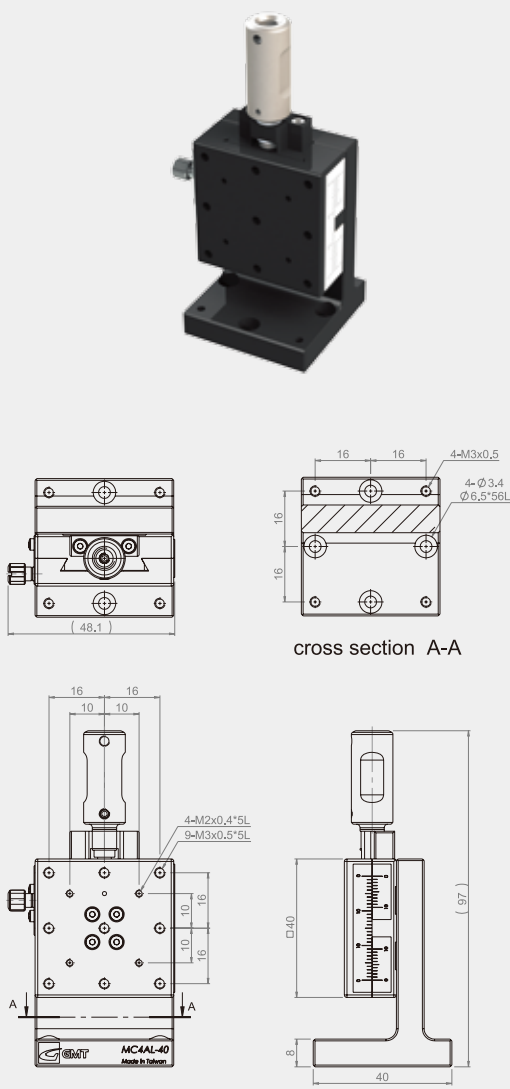
Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (mm)	Dynamic Straightness Accuracy (mm)	Dynamic Parallel (mm)	Horizontal/ Vertical Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-425	25*40	X-axis	Central	±12	0.1 mm / Vernier	0.01	0.02	0.03	3 / 1.5	0.09	Aluminum alloy	Black anodized

MC1AL-40



MC4AL-40

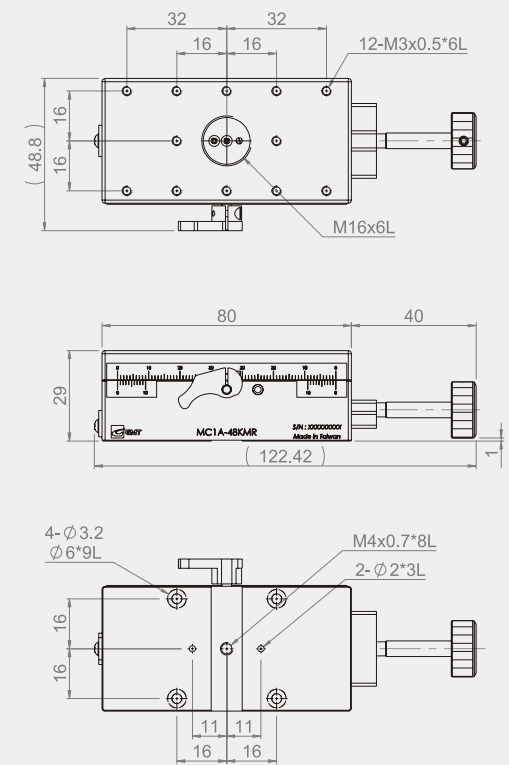
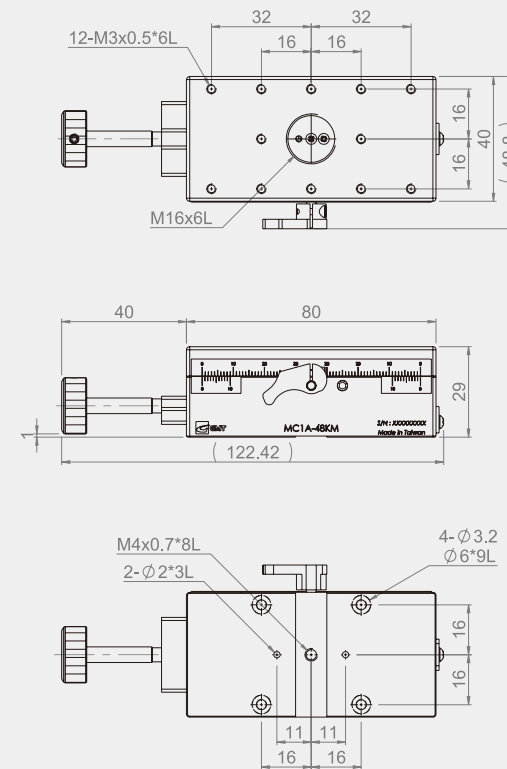


cross section A-A

Specification

Unit : mm

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Movement Per Knob Rotation	Minimum Reading	Straightness Accuracy (μm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1AL-40	40*40	X-axis	Central	±7	0.5	0.1 mm / Vernier	30	3	0.2	Stage body : brass Alloy feeding screw Knob : aluminum	Black fluororesin finished
MC4AL-40		Z-axis						2.1	0.28		



Specification

Model No.	Table Size	Axis	Feed Position	Travel Stroke	Minimum Reading	Straightness Accuracy (µm)	Allowable Loading (kgf)	Weight (kg)	Material	Surface Finish
MC1A-48KM/R	40*80	X-axis	Central	± 30	0.1mm/ Vernier	30	4	0.31	Aluminum alloy	Black anodized

Unit : mm