[High Precision] X-Axis Dovetail Slide, Rack & Pinion
Long

■**Features:** Long stroke stages made of lightweight aluminum alloy. Select a size based on strokes needed. For stages with ±140mm stroke, see XLONG on **P.1909**.
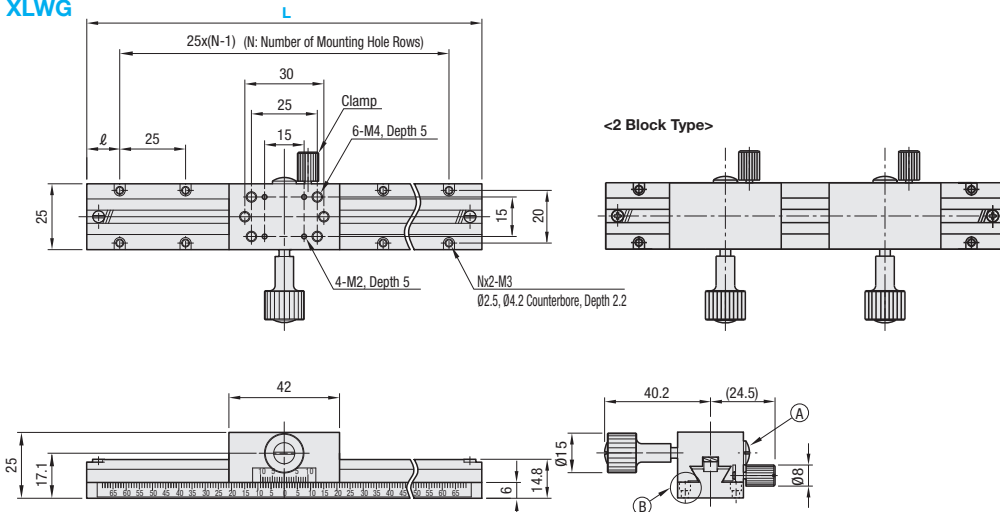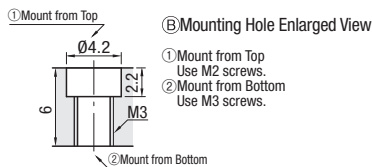
■ **X-Axis, Long**

☞Z-Axis **P.1956**

Use Adjustable Plates for XY-Axis Stages (XYPLT) to combine the Long Stroke Stages together. ☞**P.1915**

XLWG

25x(N-1) (N: Number of Mounting Hole Rows)

Clamp
6-M4, Depth 5
4-M2, Depth 5
Nx2-M3
Ø2.5, Ø4.2 Counterbore, Depth 2.2

<2 Block Type>

The scale in the above figure is for L150, and not for L50, L70, L100 or L200.
By turning the preload adjustment screw Ⓐ clockwise with a flathead screwdriver, the stage slides slowly, and by turning counterclockwise the stage slides quickly and smoothly.

①Mount from Top

ⒷMounting Hole Enlarged View
①Mount from Top
　Use M2 screws.
②Mount from Bottom
　Use M3 screws.

②Mount from Bottom

Ⓜ Material:　Aluminum Alloy
Ⓢ Surface Treatment: Black Anodize

Standard Stages Similar Products (available for limited sizes only): XDTLS (**P. 1907**)

| Part Number | | L | Number of Blocks | Travel Distance (mm) | Travel per Rotation (mm) | N: Number of Mounting Hole Rows | Number of Mounting Holes (Nx2) | ℓ (mm) | Load Capacity (N) | | Travel Accuracy (μm) | | Weight (kg) | Unit Price |
Type	No.								Horizontal	Vertical	Straightness	Parallelism		
XLWG	50	50	1	±15	18	2	4	12.5	29.4	14.7	30	30	0.10	
	70	70	1	±25		3	6	10.0					0.12	
	100	100	1	±40		4	8						0.14	
	150	150	1	±65		6	12	12.5			40	40	0.17	
	150-2		2										0.24	
	200	200	1	±90		8	16				50	50	0.21	
	200-2		2										0.28	

Resolution (Vernier Scale Indication): 0.1mm/division
XLWG150-2 and 200-2 have two blocks. Please note that the stroke distances will be shorter than the one block versions.
Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. ☞**P.2004**
Adjustable Plate XPLT40: Use this plate when connecting stages with non-matching mounting holes. ☞**P.1915**

For orders larger than indicated quantity, please request a quotation.

Ordering Example　**Part Number**
XLWG100