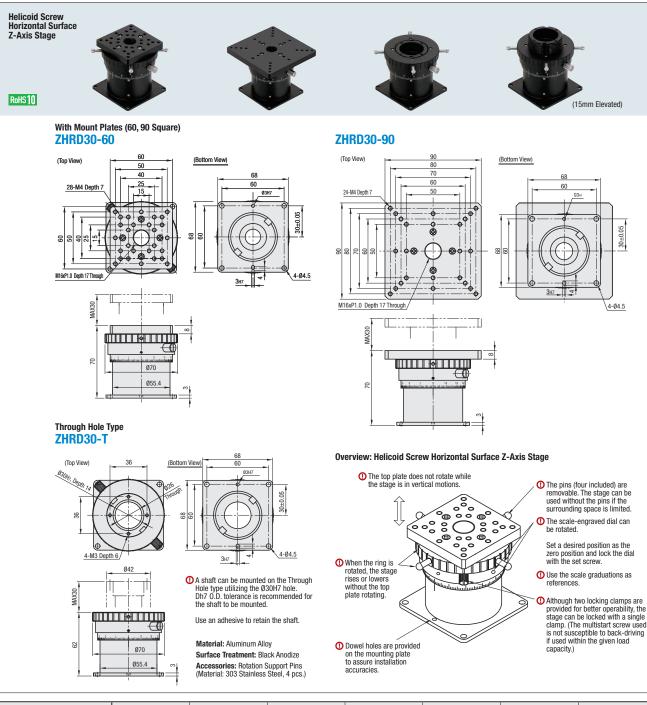
Material: Aluminum Alloy

Surface Treatment: Black Anodize

## [High Precision] Helicoid Screw Stages

**Horizontal Surface Z-Axis Stage** 

**Positioning Stages** 



Part Number		Stage Surface	Travel Distance	Travel per Knob	Load Capacity	Parallelism	Weight	Accessories (4 pcs.)	
Туре	No.	(mm)	(mm)	Rotation (mm)	(N)	(μm)	(kg)	Accessories (4 pcs.)	
ZHRD	30-60	60 x 60		15	68.6	50μm	0.50	SCB4-8	
	30-90	90 x 90	30				0.59		
	30-T	_					0.42		

There's more on the web: misumiusa.com

① There may be some clearance when moment loads are applied on the stage.



## [High Precision] Dovetail Slide, Feed Screw

1 The scale in the above figure is for L120, and not for L90,150.

The external dimensions will be the same if L is the same, even if the move distance per knob rotation is different.

Long (Selectable lead) / Compact Carriage (Lead 4.2 mm)

Features: Dovetail Slide Feed Screw stage with selectable screw lead in 2 mm, 5 mm and 10 mm. Suitable for vertical use. X-Axis Long (Selectable lead type) 25x (N-1) (N: Number of Mounting Hole Rows) (1) Mount from Top: Use M2 screws. (2) Mount from Bottom: Use M3 screws. (3) Mount from Bottom: Use M4 screws. **Mounting Hole Enlarged View** (3) Mount from Back 6-M4, Depth 5 (1) Mount from Front 4-M2, Depth 5

Part Nu	Part Number		Travel Distance		N Number of Mounting	Number of Mounting Holes	ı	Е	Load Capacity (N)		Travel Accuracy (µm)		Weight
Туре	No.	Rotation (mm)	(mm)	L	Number of Mounting Hole Rows	(N x 2)	(mm)	(mm)	Horizontal	Vertical	Straightness	Parallelism	
XLSL	90	2	±27	90	3	6	20	55	29.4	14.7	30	30 -	0.14
		5											
		10											
	120	2	±42	120	4	8	22.5	80					0.16
		5											
		10											
	150	5	±57	150	5	10	25	110			40	40	0.18
		10											

Resolution (Vernier Scale Indication): 0.1 mm/division

O Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover.

① Adjustable Plate XPLT40: Use this plate when connecting stages with non-matching mounting holes.

Part Number



Z-Axis **P.2074** 

RoHS10