

[High Precision] Dovetail Slide, Rack & Pinion / XY Mounting Plates

Rectangular

Other Information about Stages
 Stage Selection Table P.1639, P.1640
 New Products P.1641
 About Standard Stages P.1642
 Overview, Technical Information P.1643, P.1644

[High Precision] Dovetail Slide, Rack & Pinion / Adjustable Plates

Extended Knob



Other Information about Stages
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 About Standard Stages P.1642
 Overview, Technical Information P.1643, P.1644

Feature: Dovetail slide stages with 18mm travel per knob rotation. Rectangular form factor contributes to space saving designs. (XFG on P.1667)

X-Axis, Rectangular RoHS 10

XWG40

XWG60

XWG90

XWG140

Common to XWG90 / 140

Material: Aluminum Alloy
Surface Treatment: Black Anodize

*By turning the preload adjustment screw (A) clockwise with a flathead screw driver, the stage slides slowly, and by turning counterclockwise the stage slides quickly and smoothly.

Standard Stages Similar Products: XDTS (P.1649) Long Stroke: XLWG (P.1669), XLONG (P.1670), XLARGE (P.1671)

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Load Capacity (N)		Travel Accuracy Straightness	Weight (kg)	Unit Price 1-9 pc(s).
					Horizontal	Vertical			
XWG	40	24.8x42	±12	18	29.4	14.7	30µm	0.17	
	60	40x60	±21						
	90	40x90	±35						
	140	40x140	±60						

Resolution (Vernier Scale Indication): 0.1mm/division For orders larger than indicated quantity, please request a quotation.

Knob Cover HDCVR15 (Sold Separately): Ø15 knobs can be increased in diameter by installing the cover. P.1666

Ordering Example **XWG40**

Days to Ship **Configure Online**

Feature: XY mounting plates that can be used for combinations of rapid feed stage (bottom) and fine feed stage (top). Convenient when feeding the X in rapid, Y in fine modes.

Adjustable Plates for XY-Axis Stages RoHS 10

XPLTE40

XPLTE60

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Part Number Type	No.	Unit Price 1-9 pc(s).	Applicable Stage		Applicable Plate Part Number
			(Compatible) Lower Stage	(Compatible) Upper Stage	
XPLTE	40		XFG40-M(P.1667), XEG40(P.1677), XEEG40(P.1677), XSG_40(P.1681-), XCRS40(P.1657), XPG_40(P.1685-), XFES40(P.1646)	XPLTE40	
	60		XEG60(P.1667), XEEG60(P.1677), XSG_60(P.1681-), XCRS60(P.1657), XPG_60(P.1685-), XFES60(P.1646)	XPLTE60	

Ordering Example **XPLTE40**

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No.140 is not available for * 1 marked types. Types with * 2 are available for XFHT only.

Feature: Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine. Other types of knobs are also installable.

X-Axis, Knob Extension

XWGL40

XWGL60

XWGL90

XWGL140

Common to XWGL90 / 140

Material: Aluminum Alloy
Surface Treatment: Black Anodize

*By turning the preload adjustment screw (A) clockwise with a flathead screw driver, the stage slide slowly, and by turning counterclockwise the stage slides quickly and smoothly.

*Apply adhesive to prevent loosening.

Knob Extension Method
 Use the M6-Depth 14 tapped hole on the knob.
 Knob length and diameter can be increased for large objects and plates placed on the carriage.
 (Ex. ①) Seven Lobed Knob (P.1089) NKSM6-30 can be mounted to further lengthen the knob by 36mm.
 (Ex. ②) Length Specified Hex Socket Cap Screw (P.197) FWBB6-70-E14-F6 and Clamp Knob (P.1083) KNB6-24 can be combined to extend the knob further by 63mm.

Part Number Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Load Capacity (N)		Travel Accuracy Straightness	Travel Accuracy Parallelism	Weight (kg)	Unit Price 1-9 pc(s).
					Horizontal	Vertical				
XWGL	40	24.8x42	±12	18	29.4	14.7	20µm	30µm	0.17	
	60	40x60	±21							
	90	40x90	±35							
	140	40x140	±60							

Resolution (Vernier Scale Indication): 0.1mm/division For orders larger than indicated quantity, please request a quotation.

Feature: Offers a square mounting surface by attaching on top of a rectangular stage.

Adjustable Plate RoHS 10

XPLT40

XPLT60

XPLT80

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Part Number Type	No.	Unit Price 1-9 pc(s).	Applicable Stage	
			Part Number	Top Face Size (mm)
XPLT	40		XWG40(P.1663), XWG60(P.1689), XWG80(P.1701), XWG140(P.1727), XWG160(P.1669), XWG1703(XSL), XPL674(XSL), XPL674(XS), XPL668	40x40
	60		XWG60, 90, 140(P.1663), XWG80, 90, 140(P.1689), XWG90, 140(P.1701), XSL(P.1673), XSLC(P.1673), XSB(P.1665), XREG60(P.1727)	60x60
	80			80x80

Ordering Example **XPLT40**

Days to Ship **Configure Online**

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