

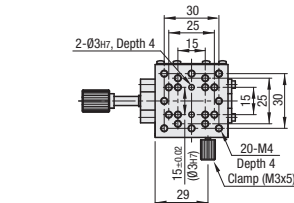
[High Precision] Dovetail Slide, Feed Screw

Square / Extended Knob (Lead 4.2mm)

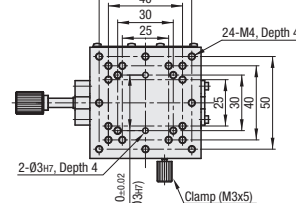
■ **Features:** Low profile Dovetail Slide Stages with smooth 4.2mm lead feeding. Easy XY integration with dowel holes. See **P.1900** for Rectangular type.

■ **X-Axis, Square**
(Dowel Holes, Lead 4.2mm)

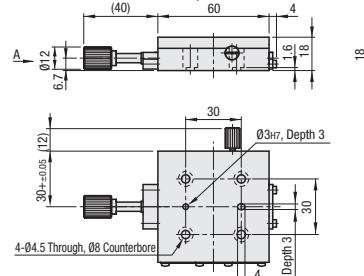
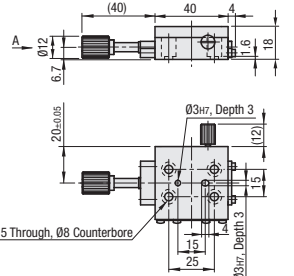
XSC40



XSC60



(Arrow View A)



Material: Aluminum Alloy
Surface Treatment: Black Anodize

XY-Axis **P.1932**
Z-Axis **P.1959**

Standard Stages Similar Products: XFHT (P.1896)

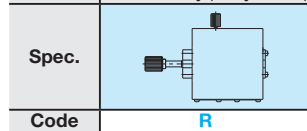
Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)		Travel Accuracy		Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
						Horizontal	Vertical	Straightness	Parallelism			
XSC		40	40x40	±11	4.2	19.6	9.8	20μm	30μm	0.10	SCB4-5	
		60	60x60	±21		29.4	14.7	0.19				

Resolution (Vernier Scale Indication): 0.1mm/division

Ordering Example **XSC40**

Alterations Part Number - (R)
XSC40 - R

Alteration Knob Position Change (Left/Right Reversed)



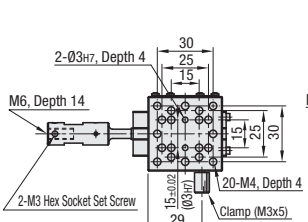
Code **R**

See the CAD data for details.

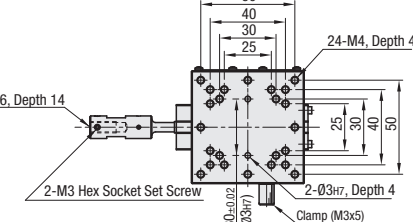
■ **Features:** Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine.

■ **X-Axis, Extended Knob**
(Dowel Holes, Lead 4.2mm)

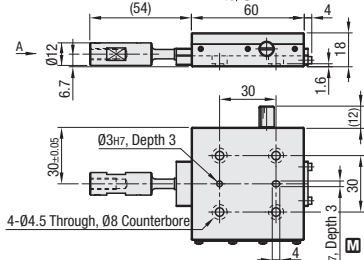
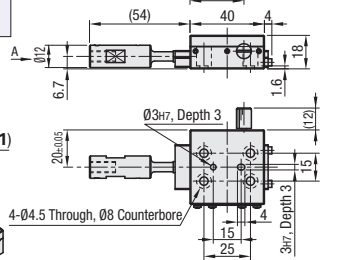
XSCL40



XSCL60



(Arrow View A)



Material: (Main Body) Aluminum Alloy
(Feed Knob) Low Cadmium Brass
Surface Treatment: Black Anodize

XY-Axis **P.1932**

EX (Extended Knob)

NKSM6-30 (P.2-1171)

Part Number	Type	No.	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	Load Capacity (N)		Travel Accuracy		Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price
						Horizontal	Vertical	Straightness	Parallelism			
XSCL		40	40x40	±11	4.2	19.6	9.8	20μm	30μm	0.10	SCB4-6	
		60	60x60	±21		29.4	14.7	0.19				

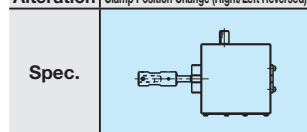
Resolution (Vernier Scale Indication): 0.1mm/division

Adjustable Plate XPLT: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

Ordering Example **XSCL60**

Alterations Part Number - (R)
XSCL60 - R

Alteration Clamp Position Change (Right/Left Reversed)



Code **R**

See the CAD data for details.

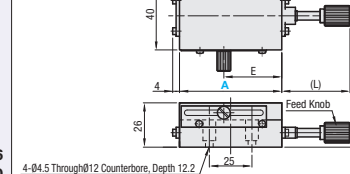
[High Precision] Dovetail Slide, Feed Screw

Rectangular / Low Profile / Reinforced Clamp (Lead 4.2mm)

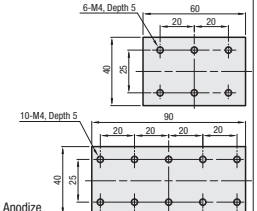
■ **Features:** Dovetail Slide Stages with smooth 4.2mm lead feed screw. Reinforced Clamp Type, Low Profile Type (18mm height), and Left/Right Reversed Type are offered. Square type (XSC) listed on **P.1899**

■ **X-Axis, Rectangular**
(Lead 4.2mm)

XSL



Upper Mounting Hole Dimensions **A60**



Upper Mounting Hole Dimensions **A90**

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Standard Stages Similar Products: XFHT (P.1896)

Part Number	Type	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	(L)	E	Load Capacity (N)		Travel Accuracy		Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price	
							Horizontal	Vertical	Straightness	Parallelism				
XSL		60	40x60	±21	4.2	40	34	39.2	19.6	30μm	30μm	0.20	SCB4-8	
		90	40x90	±35		60	49	0.29						

Resolution (Vernier Scale Indication): 0.1mm/division

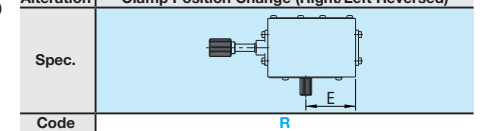
Extension Cover HDEXT12 (sold separately): Ø12 knob can be extended. **P.2004**

Adjustable Plate XPLT: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

Ordering Example **XSL60**

Alterations Part Number - (R)
XSL60 - R

See the CAD data for details.

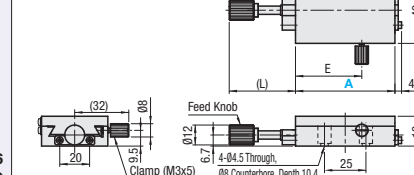


Code **R**

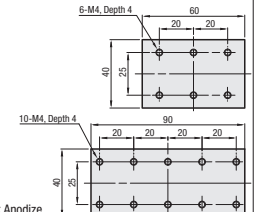
■ **Features:** Travel distance per knob rotation is approx. 1/4 of the Rack & Pinion Type. Suitable for fine pitch positioning over a long stroke.

■ **X-Axis, Low Profile**
(Lead 4.2mm)

XSLC



Upper Mounting Hole Dimensions **A60**



Upper Mounting Hole Dimensions **A90**

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Part Number	Type	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	(L)	E	Load Capacity (N)		Travel Accuracy		Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price	
							Horizontal	Vertical	Straightness	Parallelism				
XSLC		60	40x60	±21	4.2	40	40	29.4	14.7	30μm	30μm	0.14	SCB4-5	
		90	40x90	±35		60	55	0.19						

Resolution (Vernier Scale Indication): 0.1mm/division

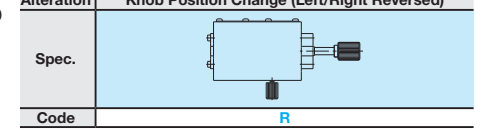
Extension Cover HDEXT12 (sold separately): Ø12 knob can be extended. **P.2004**

Adjustable Plate XPLT: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

Ordering Example **XSLC90**

Alterations Part Number - (R)
XSLC90 - R

See the CAD data for details.

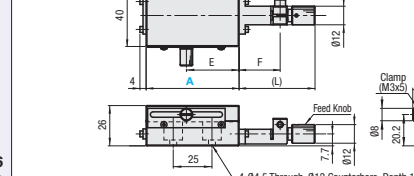


Code **R**

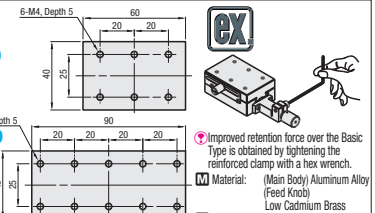
■ **Features:** The feed knob is directly retained with a split clamp, resulting in less position drift.

■ **X-Axis, Reinforced Clamp**
(Lead 4.2mm)

XSLCL



Upper Mounting Hole Dimensions **A60**



Upper Mounting Hole Dimensions **A90**

Material: (Main Body) Aluminum Alloy
(Feed Knob) Low Cadmium Brass
Surface Treatment: Black Anodize

Part Number	Type	Stage Surface (mm)	Travel Distance (mm)	Travel per Rotation (mm)	(L)	E	F	Load Capacity (N)		Travel Accuracy		Weight (kg)	Accessory (4 pcs.) Type M-L	Unit Price	
								Horizontal	Vertical	Straightness	Parallelism				
XSLCL		60	40x60	±21	4.2	49	34	26.5	39.2	19.6	30μm	30μm	0.18	SCB4-8	
		90	40x90	±35		63	49	40.5	0.26						

Resolution (Vernier Scale Indication): 0.1mm/division

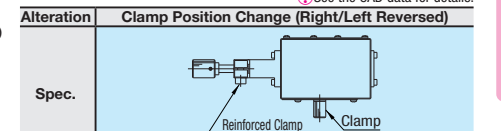
Extension Cover HDEXT12 (sold separately): Ø12 knob can be extended. **P.2004**

Adjustable Plate XPLT: Use this plate when connecting stages with non-matching mounting holes. **P.1915**

Ordering Example **XSLCL60**

Alterations Part Number - (R)
XSLCL60 - R

See the CAD data for details.



Code **R**

The reinforced clamp and the clamp screw are tightened in the same direction.