

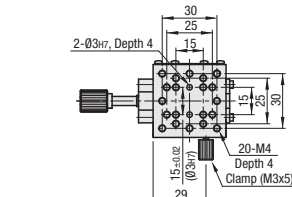
[High Precision] Dovetail Slide, Feed Screw

Square / Extended Knob (Lead 4.2mm)

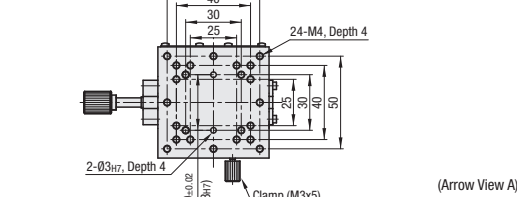
■ **Features:** Low profile Dovetail Slide Stages with smooth 4.2mm lead feeding. Easy XY integration with dowel holes. See **P.1900** for Rectangular type.

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

XSC40



XSC60



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					

Resolution (Vernier Scale Indication): 0.1mm/division

Ordering Example Part Number **XSC40**

Alterations Part Number - (R) **XSC40 - R**

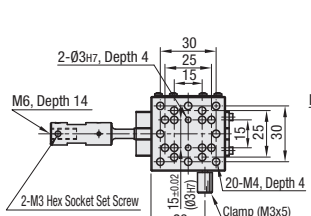
Alteration	Knob Position Change (Left/Right Reversed)
Spec.	
Code	R

See the CAD data for details.

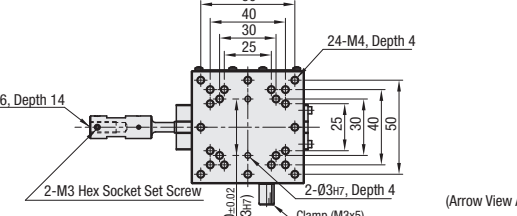
■ **Features:** Effective when feed knobs are difficult to turn due to the carriage mounted objects interfere, or when the knobs are hard to reach since the stage is deeply embedded inside a machine.

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

XSCL40



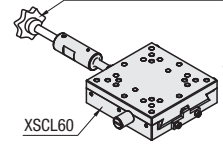
XSCL60



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

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					

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 Part Number **XSCL60**

Alterations Part Number - (R) **XSCL60 - R**

Alteration	Clamp Position Change (Right/Left Reversed)
Spec.	
Code	R

See the CAD data for details.

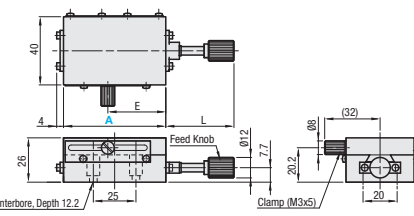
[High Precision] Dovetail Slide, Feed Screw

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**

A90

Material: Aluminum Alloy
Surface Treatment: Black Anodize

XY-Axis **P.1936**
Z-Axis **P.1960**

Standard Stages Similar Products: XFHT (P.1896)

Part Number Type	A	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 Part Number **XSL60**

Alterations Part Number - (R) **XSL60 - R**

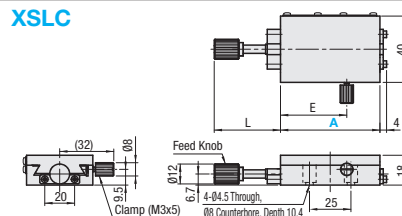
Alteration	Clamp Position Change (Right/Left Reversed)
Spec.	
Code	R

See the CAD data for details.

■ **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**

A90

Material: Aluminum Alloy
Surface Treatment: Black Anodize

XY-Axis **P.1936**
Z-Axis **P.1960**

Part Number Type	A	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 Part Number **XSLC90**

Alterations Part Number - (R) **XSLC90 - R**

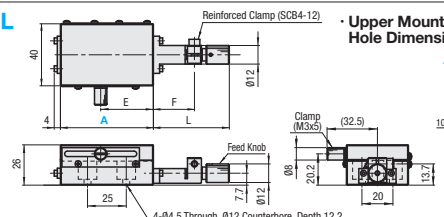
Alteration	Knob Position Change (Left/Right Reversed)
Spec.	
Code	R

See the CAD data for details.

■ **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**

A90

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

XY-Axis **P.1936**
Z-Axis **P.1960**

Part Number Type	A	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 Part Number **XSLCL60**

Alterations Part Number - (R) **XSLCL60 - R**

Alteration	Clamp Position Change (Right/Left Reversed)
Spec.	
Code	R

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