

[Standard] Dovetail Slide, Rapid Feed Screw

Other Information about Stages
 Stage Selection Table P.2005
 New Products P.2043-2044
 About Standard Stages P.2009
 Overview, Technical Information P.2008

Feature: Stages with rapid feeding of 4.5mm lead.

X-Axis

RoHS 10

XFHT40

8-M3, Depth 6
 4-M4, Through Hole Ø3.2
 Ø6.5 Counterbore, Depth 3.5

XFHT60

8-M4, Depth 6
 4-M5, Through Hole Ø4.1
 Ø8 Counterbore, Depth 4.5

XFHT-R
(Reversed)

XFHT4060

6-M4, Depth 6
 4-M5, Through Hole Ø4.1
 Ø8 Counterbore, Depth 4.5

XFHT4090

10-M4, Depth 6
 4-M5, Through Hole Ø4.1
 Ø8 Counterbore, Depth 4.5

Material: Aluminum Alloy
Surface Treatment: Black Anodize

High Precision Stage Existing Products: XSC, XSL (P.2028, 2029)

Type	Part Number		Stage Surface (mm)	Travel Distance (mm)	Travel per Knob Rotation (mm)	Load Capacity (N)		Travel Accuracy Straightness	Weight (kg)
	No.	Clamp Position				Horizontal	Vertical		
XFHT	40	Not Specified (Standard) R (Reversed)	40x40	±10	4.5	19.6	9.8	50µm	0.06
	60		60x60	±20		29.4	14.7		
	4060		40x60	±35		39.2	19.6		
	4090		40x90	±35					

Resolution (Vernier Scale Indication): 0.1mm/division

Part Number Example

Part Number: **XFHT40**
XFHT4090-R

Tips: Mounting Hole on the Bottom of the Table of XFHT (-R) Can be mounted from the top and the bottom.

Mounting Hole Enlarged View	XFHT40	XFHT60	XFHT4060 & XFHT4090
	<p>① Mount from Top ② Mount from Bottom</p>	<p>① Mount from Top ② Mount from Bottom</p>	<p>① Mount from Top ② Mount from Bottom</p>
Mounting Screw Dia.	(1) M3 (2) M4	M4 M5	M4 M5

[Standard] Linear Ball Slide Micrometer Head

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Feature: Incorporated Linear Ball Slide Guide mechanism achieves high load capacity.

X-Axis

RoHS 10

XLBS

Material: 440C Stainless Steel
 Surface Treatment: Electroless Nickel Plating

XLBS40 Table Dimensions

4-M3, Depth 4

XLBS60 Table Dimensions

4-M4, Depth 4

Accessories: Stainless Steel Hex Socket Low Head Cap Screws XLBS40 (M3-8, 4 pcs.), XLBS60 (M4-8, 4 pcs.)

High Precision Stage Existing Product: XSG (P.2037)

Part Number	Travel Distance (mm)	Top View		Front View		Side View				
		A	B	G		X	S	d ₁	d ₂	l
XLBS	±6.5	40	25.8±6.5	13	5.5	32	3.5	3.5	6	3.5
		60	15.8±6.5							

Part Number	Stage Surface (mm)	Load Capacity (N)	Minimum Graduation (µm)	Straightness (µm)	Travel Accuracy		Moment Rigidity (N/cm)			Parallelism (µm)	Weight (kg)
					Pitching	Yawing	Pitching	Yawing	Rolling		
XLBS40	40x40	98	10	3	30"	25"	0.38	0.35	0.21	30	0.24
XLBS60	60x60	196			35"	30"	0.1	0.08	0.05		0.44

Part Number Example

Part Number: **XLBS40**

Part Number Alterations

Part Number: **XLBS40 - (CR, CZ, CZR)**

Alterations	Micrometer Head Position		
	Left / Right Reversed	Top / Bottom Reversed	Right / Left & Top / Bottom Reversed
Spec.			
Code	CR	CZ	CZR
Price Adder			

* Same dimensions for CR and CZR.