



For Pricing and Days to Ship, Please Configure Online.

[Standard] Linear Ball Slide Micrometer Head

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

X-Axis RoHS

XLBS

XLBS40 Table Dimensions
4-M3, Depth 4

XLBS60 Table Dimensions
4-M4, Depth 4

CZ

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

A 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.1681)

Part Number		Travel Distance (mm)	Top View		Front View		Side View					Unit Price
Type	No.		A	B	Feed Position Standard: CR	Feed Position CZ, CZR	X	S	d ₁	d ₂	l	
XLBS	40	±6.5	40	25.8±6.5	13	5.5	32	3.5	3.5	6	3.5	
	60		60	15.8±6.5			50	3	4.5	8	4	

For orders larger than indicated quantity, please request a quotation.

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	10	30"	25"	0.38	0.35	0.21	30	0.24
XLBS60	60x60	196			35"	30"	0.1	0.08	0.05		0.44

Ordering Example: **Part Number XLBS40**

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

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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.

RoHS

XYLBS40 (Standard)

XYLBS_-CR (Reversed)

XYLBS60 (Standard)

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

High Precision Stage Existing Product: XYSG (P.1695)

Part Number	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Minimum Graduation (μm)	Travel Accuracy			Moment Rigidity (°/N-cm)			Parallelism (μm)	Weight (kg)	Included Screw (Stainless Steel Hex Socket Low Head Cap Screw)	Unit Price	
					Straightness	Pitching	Yawing	Pitching	Yawing	Rolling					
XYLBS40	Not Specified (Standard)	40x40	±6.5	95.6	10	10μm	30"	25"	0.59	0.7	0.59	60	0.48	M3-8, 4 pcs.	
XYLBS60	CR (Reversed)	60x60					35"	30"	0.15	0.16	0.15				

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Ordering Example: **Part Number XYLBS40**

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RoHS

ZLBS40 (Standard)

ZLBS_-CR (Reversed)

ZLBS60 (Standard)

M Material: (Main Body) 440C Stainless Steel, (Bracket) Steel (1018 Carbon Steel)
S Surface Treatment: (Main Body) Electroless Nickel Plating, (Bracket) Electroless Nickel Plating

High Precision Stage Existing Product: ZSG (P.1709)

Part Number	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Minimum Graduation (μm)	Travel Accuracy			Moment Rigidity (°/N-cm)			Weight (kg)	Included Screw (Stainless Steel Hex Socket Low Head Cap Screw)	Unit Price	
					Straightness	Pitching	Yawing	Pitching	Yawing	Rolling				
ZLBS40	Not Specified (Standard)	40x40	±6.5	19.6	10	10μm	30"	25"	0.38	0.35	0.21	0.31	M3-16, 2 pcs.	
ZLBS60	CR (Reversed)	60x60					35"	30"	0.1	0.08	0.05			

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Ordering Example: **Part Number ZLBS40**

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