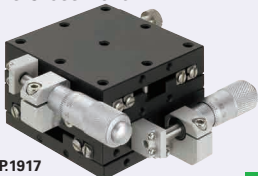


Points on Similar Product Comparison | Travel Accuracy Straightness: 30µm, Parallelism: 60µm

Similar Product Pages P.1943, P.1946

Features: Economical stages with a micrometer head capable of 0.01mm resolution adjustments.

XY-Axis Cross Roller

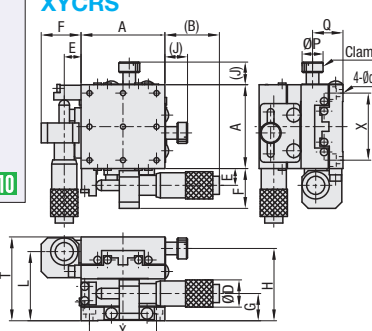


X-Axis P.1917
Z-Axis P.1967

RoHS 10

High Precision Stage Existing Product: XYPG (P.1943)
For Mounting Hole Dimensions of the Top Table, see P.1917.

XYCRS



Clamp (M3x4.5)
4-Ød Through, Ød: Counterbore, Depth ℓ

25 Type has different feed bracket configuration.

A120 micrometer tip shape is different

Material: Aluminum Alloy
Surface Treatment: Black Anodize

Part Number	Top View					Front View					Side View						
	A	(B)	Travel Distance (mm)	E	F	(J)	D	G	H	L	T	P	Q	X	d1	d2	ℓ
XYCRS	25	29	±3.2	7	11.8	(6.8)	9.5	9.3	24.3	24.3	30	6	10.5	20	2.4	4.2	2.5
	40	26	±6.5	8	19	(10.8)	13	13	34.5	33	40	10	14.5	32	3.4	6	3.3
	50	23		8	19	(10.8)	13	13	34.5	33	40	10	14.5	40	3.4	6	3.5
	60	21		8	19	(10.8)	13	13	34.5	33	40	10	14.5	50	4.5	8	4.4
	80	22	±12.5	8	19	(10.8)	13	13	34.5	33	40	10	14.5	70	4.5	8	4.4
	90	34.8		8	19	(10.8)	13	13	34.5	33	40	10	14.5	80	4.5	8	5.3
	100	20.8		8	19	(10.8)	13	13	34.5	33	40	10	14.5	90	4.5	8	5.3
	120	88	±25	13.5	26	(10.8)	19.1	11	34.5	31	40	10	14.5	100	4.5	8	5.3

Performance

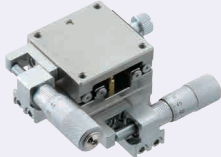
A	Stage Surface (mm)	Load Capacity (N)	Travel Accuracy		Moment Load Capacity (N·m)			Moment Rigidity (°/N·cm)			Parallelism	Weight (kg)	Unit Price
			Straightness	Motion Parallelism	Pitching	Yawing	Rolling	Pitching	Yawing	Rolling			
25	25x25	9.8	30µm	60µm	0.4	0.8	0.4	4.83	5.70	4.83	100µm	0.09	
40	40x40	17.6			2.0	2.2	2.0	0.66	0.84	0.66		0.28	
50	50x50	28			3.4	3	3.4	0.35	0.4	0.35		0.36	
60	60x60	44.1			5.2	4.3	5.2	0.19	0.22	0.19		0.48	
80	80x80	93.1			17.3	15.1	17.3	0.09	0.10	0.09		0.77	
90	90x90	110			22.0	20.0	22.0	0.09	0.10	0.09	1.00		
100	100x100	140			33.0	30.0	33.0	0.11	0.14	0.11	1.20		
120	120x120	180			57.2	44.7	57.2	0.04	0.04	0.04	1.91		

Ordering Example

Part Number
XYCRS60

Points on Similar Product Comparison | Travel Accuracy (Straightness) 10µm

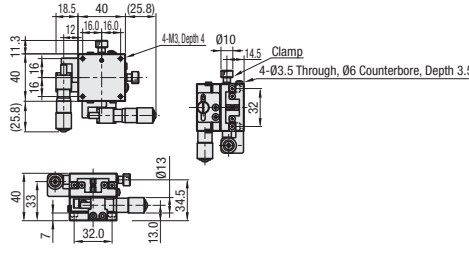
XY-Axis, Linear Ball Slide



X-Axis P.1920
Z-Axis P.1965

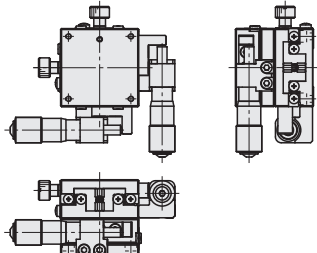
RoHS 10

XYLBS40
(Standard)

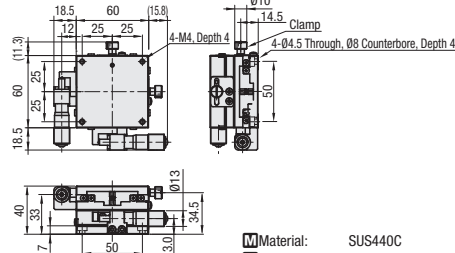


4-M3, Depth 4
4-Ø3.5 Through, Ø6 Counterbore, Depth 3.5

XYLBS40-CR
(Reversed)



XYLBS60
(Standard)



4-M4, Depth 4
4-Ø4.5 Through, Ø8 Counterbore, Depth 4

Material: SUS440C
Surface Treatment: Electroless Nickel Plating

High Precision Stage Existing Product: XYSG (P.1946)

Part Number	Type	No.	Micrometer Head Pos.	Stage Surface (mm)	Travel Distance (mm)	Load Capacity (N)	Minimum Graduation (µm)	Travel Accuracy			Moment Rigidity (°/N·cm)			Parallelism (µm)	Weight (kg)	Included Screw (SUS Hex Socket Low Head Cap Screw)	Unit Price
								Straightness	Pitching	Yawing	Pitching	Yawing	Rolling				
XYLBS	40	No Symbol (Standard)		40x40	±6.5	95.6	10	10µm	30"	25"	0.59	0.7	0.59	60	0.48	M3-8, 4 pcs.	
	60	CR (Right/Left Reversed)		60x60		191.6			35"	30"	0.15	0.16	0.15		0.88	M4-8, 4 pcs.	

Ordering Example

Part Number
XYLBS40