

Points on Similar Product Comparison | Travel Accuracy (Straightness) 30µm

Similar Product Pages P.1994

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

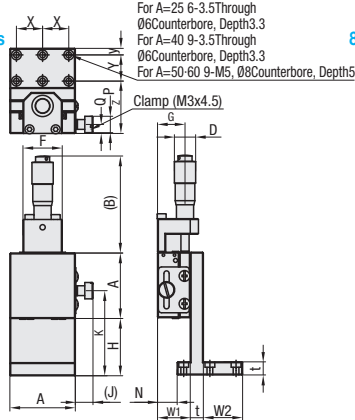
Z-Axis



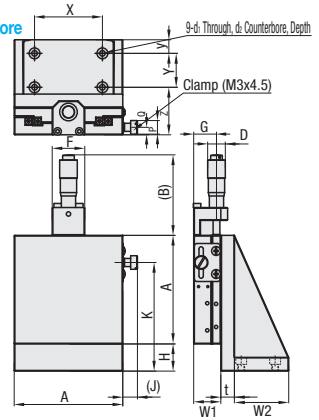
X-Axis P.1917
XY-Axis P.1942

RoHS 10

ZCRS
60 or less

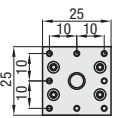


80 or more

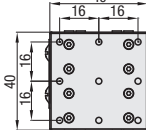


• Mounting Hole Dimensions of the Top Table

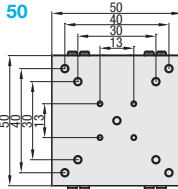
25



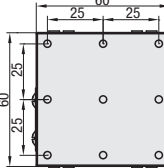
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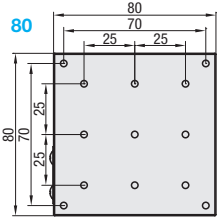
50



60



80



⚠80, 90, 100, 120 have different plate side shapes.
See CAD data for details.

⚠For mounting hole dimensions of the Cross Roller Stage A90, 100, 120 top table, see P.1917.

M Material: Aluminum Alloy
S Surface Treatment: Black Anodize

Part Number	Front View								Side View				Top View					
	A	(B)	H	Travel Distance (mm)	F	K	(J)	D	G	N	W ₁	W ₂	t	P	Q	X	Y	y
ZCRS 25	41	35		±3.2	13	45	(6.8)	9.5	12.5	7	15	24	8	6	4.5	17	16	4
40	59	35		±6.5	24	52	(10.8)	13	16.8	12	20	24	8	10	5.5	16	16	4
50	59	30			24	61	(10.8)	13	16.8	10	20	30	10	10	5.5	20	20	5
60	59	25			24	64	(10.8)	13	16.8	10	20	40	10	10	5.5	25	25	5
80	59	20			24	80	(10.8)	13	16.8	-	20	40	10	10	5.5	50	25	10
90	80	20		±12.5	24	84	(10.8)	13	16.8	-	20	50	10	10	5.5	50	25	15
100	80	20			24	80	(10.8)	13	16.8	-	20	50	10	10	5.5	50	25	10
120	155.5	30			±25	24	101	(10.8)	18	16.2	-	20	50	10	10	5.5	50	25

• Performance

Part Number	Stage Surface (mm)	Load Capacity (N)	Travel Accuracy Straightness	Moment Load Capacity (N·m)			Moment Rigidity (°/N·cm)			Weight (kg)	Unit Price
				Pitching	Yawing	Rolling	Pitching	Yawing	Rolling		
ZCRS 25	25x25	4.9	30µm	1.1	0.8	0.4	3.03	2.85	1.8	0.06	
40	40x40	9.8		2.7	2.2	2.0	0.38	0.42	0.28	0.24	
50	50x50	14.7		3.5	3.0	3.3	0.2	0.22	0.12	0.34	
60	60x60	19.6		5.2	4.3	5.5	0.12	0.11	0.07	0.46	
80	80x80			19.2	15.1	17.3	0.05	0.05	0.04	0.76	
90	90x90			25.0	20.0	22.0	0.05	0.05	0.04	1.03	
100	100x100			36.0	30.0	33.0	0.06	0.07	0.05	1.2	
120	120x120			57.2	44.7	66.7	0.03	0.02	0.01	1.79	

⚠Max. Holding Force (Ref.) will vary depending on the tightening torque variations. Ensure adequate safety margins for design.
⚠Micrometer Head Resolution: 10µm/division



Ordering Example

Model (Type, A)

ZCRS40