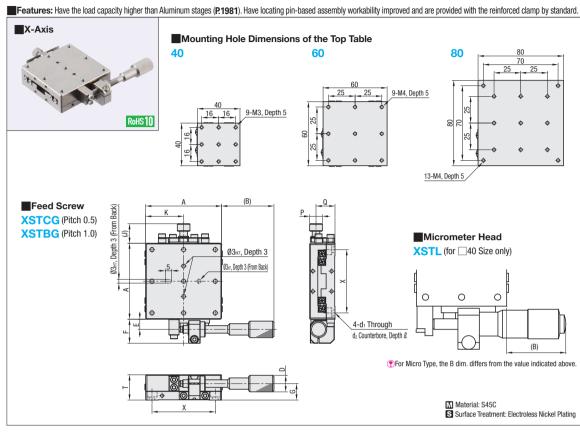
C-WALUE [Standard] X-Axis Cross Roller

Steel, High Load Capacity



	A	Top View							Front View			Side View					
Туре		(E Micrometer		Travel Distance (mm)	E	F	J	К	D	G	Т	Р	Q	х	d ₁	d ₂	l
XSTL (* only)	40*	27	43	±6.5	8	19	15	20	13	13	20	10	15	32	3.3	6.5	4.5
XSTCG	60	-	39.4		8	19	15	30	13	13	20	10	15	50	4.5	8	4.4
XSTBG	80	-	45.4		8	19	15	40	13	13	20	10	15	70	4.5	8	4.4

	Stage Surface	Load Capa	city (N)*	Travel Ac	curacy (µm)	Allowat	ole Momen	ıt (N·m)	Parallelism	Weight (kg)		Unit Price	
Α	(mm)	Horizontal	Vertical	Straightness	Motion Parallelism	Pitching	Yawing	Rolling	(µm)	Micrometer	Feed Screw	Micrometer	Feed Screw
40	40x40	58.8(68.6)	49(49)	20	20	2.75	2.5	3	30	0.26	0.29		
60	60x60	147(196)		20	20	5.8	5.8	5.8	30	-	0.54	-	
80	80x80	294(392)		20	20	19.2	15.1	17.3	30	-	0.95	-	





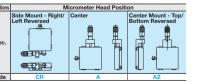


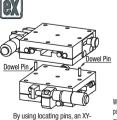




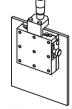








By using locating pins, an XY-Axis stage can be created easily.



When the feed mechanism is required to be positioned on the center of a stage vertically mounted, select AZ stage. For such an assembly, form a proper relief or level difference as shown on the above figure. Otherwise, the feed bracket

Notes on Vertical Use of X-Axis Stages

- When the X-axis stage is mounted vertically in such a way that, for the micrometer head having its position specified to be "Standard," "CR" or "A," its tip is orientated downward, the carriage may drop. (A load exceeding the spring pull force will cause the carriage to drop.)

 When the X-axis stage is mounted in the same manner as mentioned above, except where "AZ is specified as the micrometer head position, the resulting load is supported by the micrometer head and thus, the carriage does not drop. However, since, when the load is applied by exceeding the specified vertical load capacity for X-Axis, it may decrease the accuracy, do not mount the stage in the above manner.