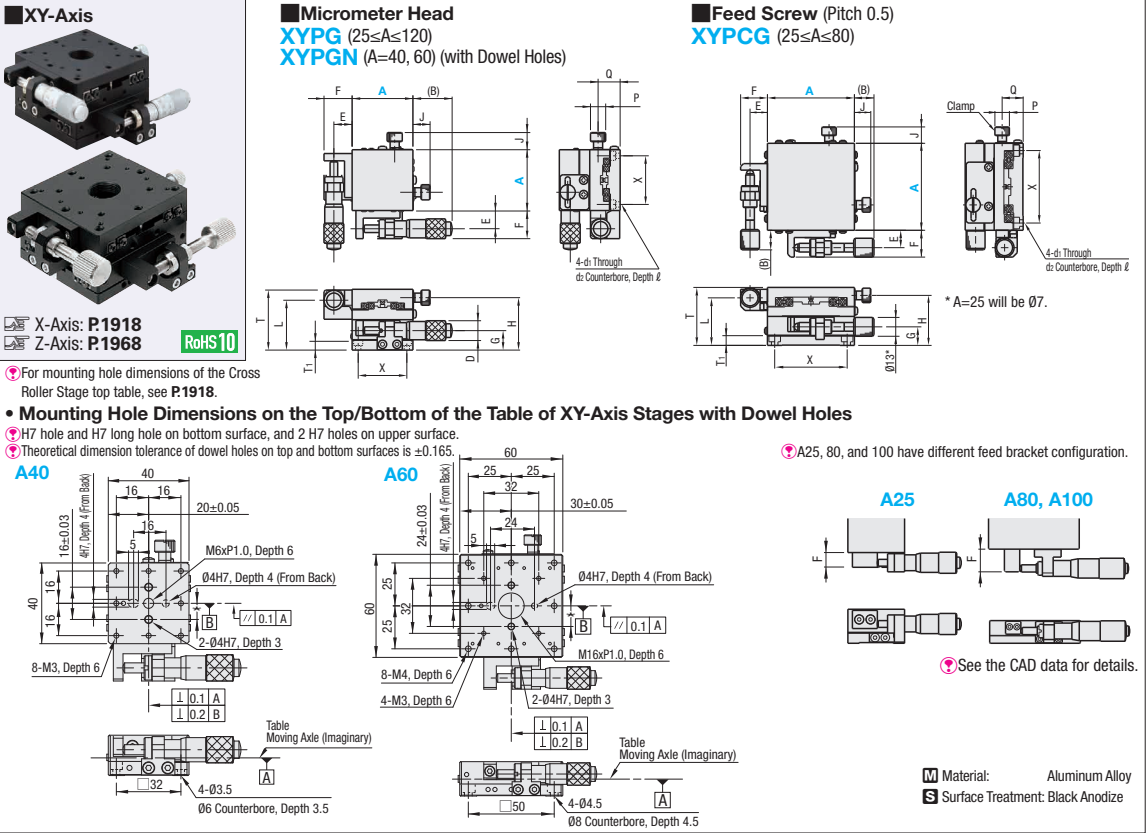


[High Precision] XY-Axis Cross Roller / Cross Roller with Dowel Holes  
Micrometer Head / Feed Screw

MISUMI C-VALUE [Standard] XY-Axis Cross Roller  
Low Profile

■Features: High mounting repeatability is obtained with the dowel holes of XYPGN.



●Standard Stages Similar Products: XYCRS (P.1942)

■Micrometer Head (XYPG, XYPGN), Feed Screw (XYPCG)

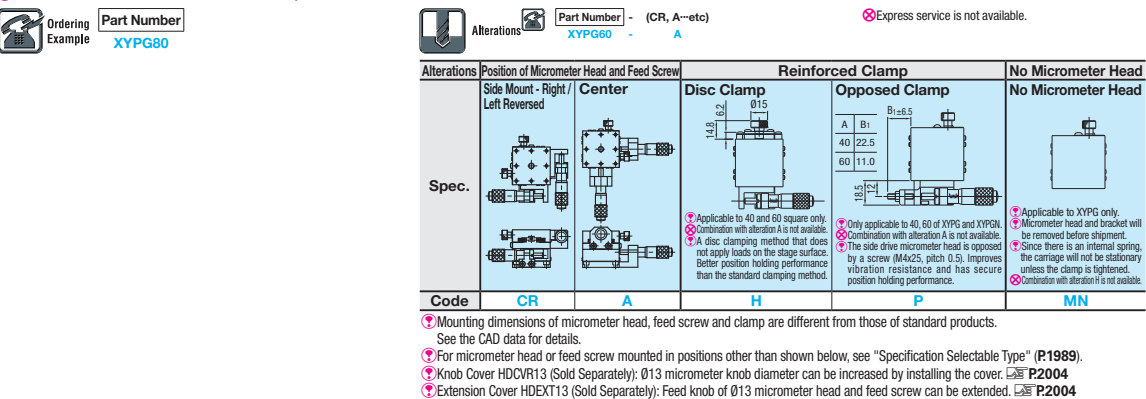
Part Number		Top View								Front View					Side View					
Type	A	Standard Micrometer		Feed Screw		E	F	J	D	G	H	T <sub>1</sub>	L	T	P	Q	X	d <sub>1</sub>	d <sub>2</sub>	ℓ
		(B)	Travel Distance (mm)	(B)	Travel Distance (mm)															
XYPG XYPCG 60	25	25	±3.2	11	±3.2	4.5	6.5	6.8	9.3	8.5	25.9	4.5	23.5	30	6	10.5	20	2.5	4.2	2
	40	25.8		25.8		12	18.5	11.3	13	12.8	34.5	6.5	32.8	40	10	14.5	32	3.5	6	3.5
	60	19.8	±6.5	19.8	±6.5	12	18.5	11.3	13	12.8	34.5	6.5	32.8	40	10	14.5	50	4.5	8	4
XYPGN (Dowel Hole Type for 40 and 60 only)	80	43.5	±12.5	10		17	22*	11.3	18	11	34.5	5.7	31	40	10	14.5	70	4.5	8	4.5
	*100	28.5		-	-	17	22	11.3	18	11	34.5	5.7	31	40	10	14.5	90	4.5	8	4.5
	*120	67.5	±25	-	-	13	20	11.5	21	18	48.0	9.5	48	60	10	18	100	4.5	8	4.5

●\* A100 and 120 are not available for Feed Screw Type (XYPCG). \* When A=80 for the Feed Screw Type (XYPCG), F=20.

●Performance

A	Stage Surface (mm)	Load Capacity (N)	Travel Accuracy				Moment Load Capacity (N·m)				Moment Rigidity (1/N·cm)				Parallelism	Weight (kg)	Accessory (4 pcs.)		Unit Price		
			Straightness	Parallelism	Pitching	Yawing	Pitching	Yawing	Pitching	Yawing	Pitching	Yawing	Pitching	Yawing			Type	M-L	XYPG	XYPCG	XYPGN
25	25x25	9.8	3μm	20μm	30"	30"	0.4	0.8	0.4	4.83	5.70	4.83	60μm	0.08	SCB2-6				-		
40	40x40	17.6					2.0	2.2	2.0	0.66	0.84	0.66		0.3	SCB3-6			-			
60	60x60	44.1			25"	15"	5.2	4.3	5.2	0.19	0.22	0.19		0.52	SCB4-6			-			
80	80x80	93.1					17.3	15.1	17.3	0.09	0.10	0.09		1.00	SCB4-6			-			
100	100x100	140.1					33.0	30.0	33.0	0.11	0.14	0.11		1.40	SCB4-6			-			
120	120x120	180.3					57.2	44.7	57.2	0.04	0.04	0.04		3.20	SCB4-10			-			

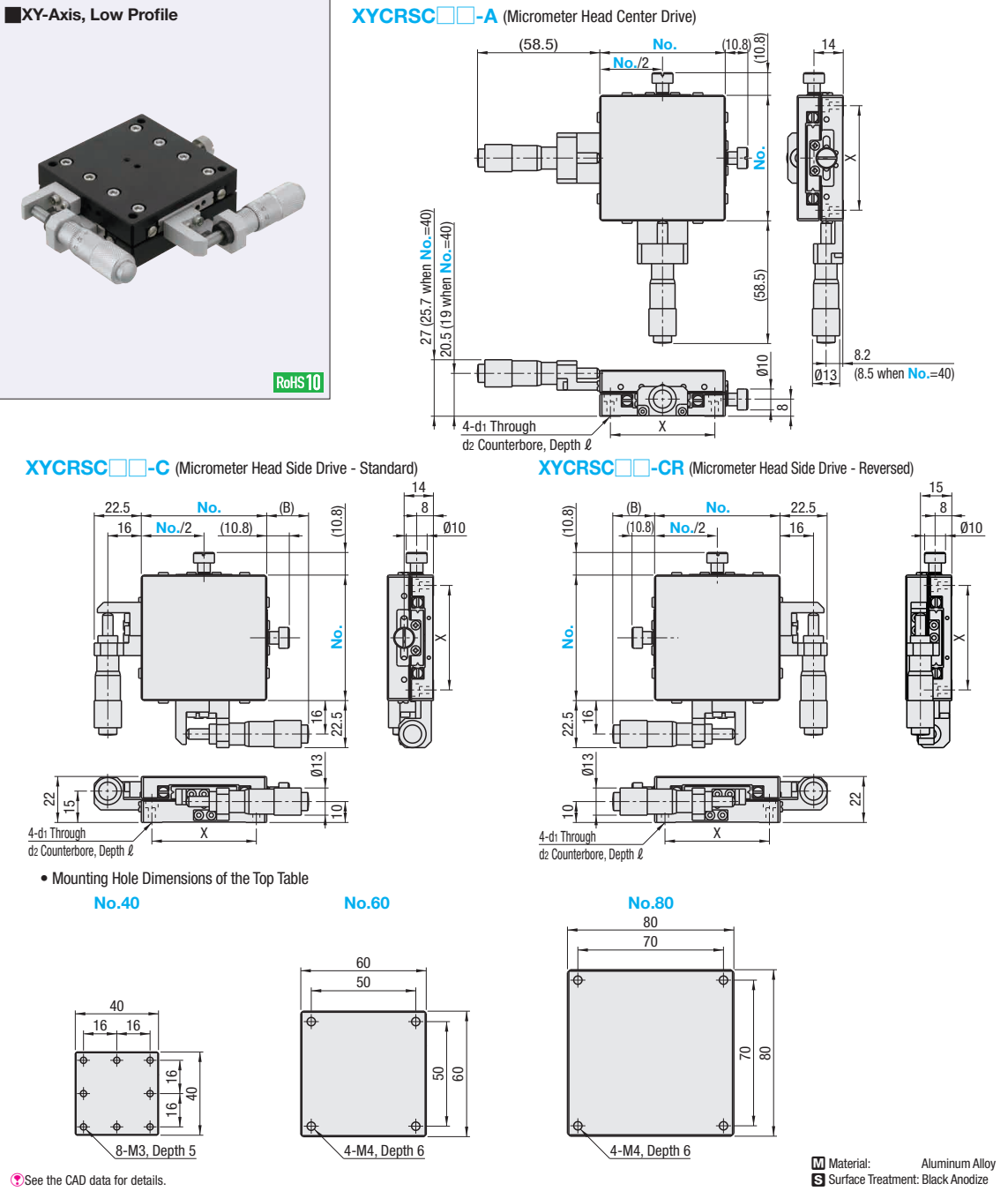
●XYPG and XYPGN: Micrometer Head Resolution: 10μm/division



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

Similar Product Pages P.1945

■Features: Economical stages with a micrometer head capable of 0.01mm resolution adjustments. Micrometer head position is selectable from 3 types.



■XY-Axis Stages ●High Precision Stage Existing Product: XYSPG (P.1945)

Part Number	Type	No.	Micrometer Head Position	Stage Surface (mm)	Travel Distance (mm)	Top View (B)		Side View				Load Capacity (N)	Travel Accuracy Straightness	Weight (kg)	Unit Price
						X	d <sub>1</sub>	d <sub>2</sub>	ℓ						
XYCRSC	40	A	(Center)	40x40	±6.5	36	32	3.4	6	3.5	9.8	30μm		0.2	
	60	C	(Standard)	60x60		20	50	4.5	8	4.5	29.4			0.4	
	80	CR	(Right/Left Reversed)	80x80		11	70	4.5	8	4.5	39.2			0.7	

