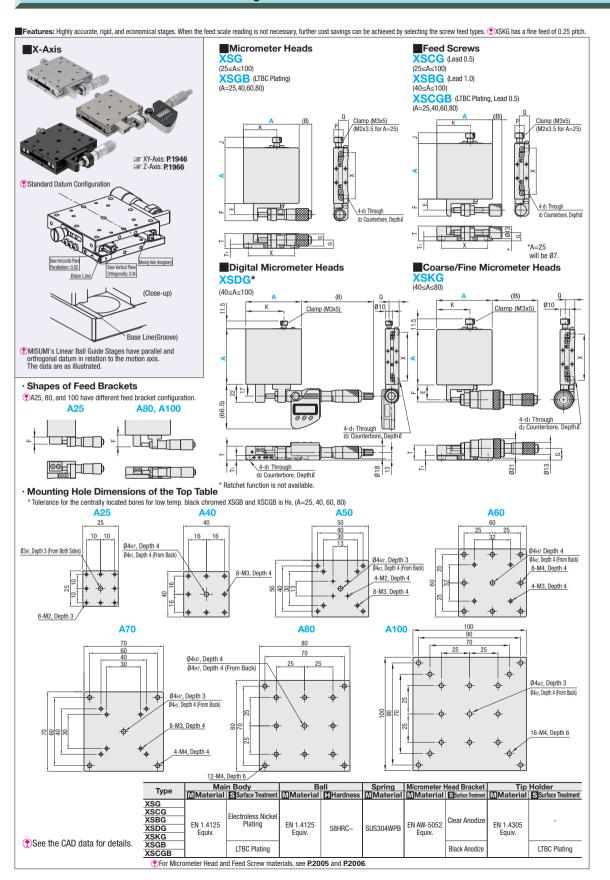
[High Precision] X-Axis, Linear Ball Slide

Micrometer Heads / Feed Screws / Digital Micrometer Heads / Coarse/Fine Micrometer Heads



Micrometer Head (XSG, XSGB) / Feed Screw (XSCG, XSBG, XSCGB) © Standard Stages Similar Products (available for limited sizes only): XLBS (P.1920)

Part Number	Top View	Top View				Front View				Side View						Accessory (4 pcs.)			
Туре	^	(B)		Travel	-	_	- 1	K	n	G	т	T4	ь	_	v	d1	d ₂	0	TypeM-L
Type	^	Micrometer	Feed Screw	Distance (mm)				- 1		3	_ ' _			٩	^	ui	uz	Ł	
XSG	25*	25	11	±3.2	7	9	6.8	15	9.3	7	12	3.7	6	8.5	20	2.5	4.2	2.5	SCB2-4
XSCG	40*	23.5	20	±6.5	12	18.5	11.3	26	13	8.9	16	4.5	10	10.5	32	3.5	6	3.5	SCB3-6
	50	18.5	15		12	18.5	11.3	31	13	8.9	16	4.5	10	10.5	40	3.5	6	3.5	SCB3-6
XSBG	60*	13.5	10	±0.5	12	18.5	11.3	36	13	8.9	16	5	10	10.5	50	4.5	8	4	SCB4-6
(40≤A≤100) XSGB (* only)	70	14	10.5		12	18.5	11.3	46.5	13	10	18	6	10	11.5	60	4.5	8	4.5	SCB4-6
	80*	43.5	10	±12.5(*1)	17	22(*3)	11.3	55	18	10.8	20	6.5	10	14.5	70	4.5	8	5.3	SCB4-6
XSCGB (* only)	100	28.5	-5 ^(*2)	±12.50	17	22(*3)	11.3	67.5	18	10.8	20	6.5	10	14.5	90	4.5	8	5.3	SCB4-6

(*1) Stroke of XSCG80/100, XSGB80/100, XSGB80 is ±6.5mm. (*2) Ends of feed screw knob are at 5mm inside of the carriage edges for XSCG and XSBG. (*3) When dimension A of Feed Screw Type XSCG, XSBG, XSGB is 80 or 100, F will be 20.

Part Number		Stage Surface	Load Capacity (N)		Travel Accuracy				Moment Load Capacity (N·m)			Moment	Moment Rigidity ("/N·cm)		Develoism Weight (kg)		nt (kg)	Unit Price				
Type	Α	(mm)	Horizontal	Vertical	Straightness	Motion Parallelism	Pitching	Yawing	Pitching	Yawing	Rolling	Pitching	Yawing	Rolling	raiditisiii	Micrometer	Feed Screw	XSG	XSCG	XSBG	XSGB	XSCGB
XSG	25*	25x25	39.2	9.8	3µm	10µm	30"	25"	2.0	2.0	3.5	1.9	1.1	1.1	30µm	0.07	0.07			-		
XSCG	40*	40x40	98		1µm	7µm	25"	15"	5.0	5.0	5.0	0.42	0.35	0.21		0.23	0.23					
	50	50x50	147	1					6.8	6.8	6.0	0.15	0.14	0.09	15	0.28	0.28				-	-
XSBG	60*	60x60	196	49	(*4)				10.0	10.0	9.0	0.08	0.08	0.05	15µm	0.40	0.40					
(40≤A≤100)	70	70x70	225.4	1 49					13.8	13.8	12.9	0.06	0.05	0.03	1	0.58	0.58				-	-
XSGB (* only)	80*	80x80	264.6	1	2	0	1		18.2	18.2	17.7	0.04	0.04	0.02	20	0.90	0.84					
XSCGB (* only)	CGB (* only) 100 10	100x100	343	1	3µm	8µm			31.8	31.8	30.7	0.02	0.02	0.01	20µm	1.33	1.27				-	-

• XSG, XSGB Micrometer Head Resolution: 10µm/division (*4) Straightness of XSGB and XSCGB40/60 is 3µm

■ Digital Micrometer Heads (XSDG) / Coarse/Fine Micrometer Head (XSKG)

	2.51da mioromoto. Hodado (xto2 d) / Todalod/ mioromoto. Hodad (xto2 d)																	
Part Numb	Top View	op View					Front View			Side View								
Туре	Α	XSDG		XSKG		_	-	v	_	т.	T.	_	~	d	d ₂	0	TypeM-L	
		(B)	Travel Distance (mm)	(B)	Travel Distance (mm)	_	'	_ r	u u	'	.,	ď	^	d1	U2	×.	TypeW-L	
	40	121.5		60		16	18.5	26	11.6	16	4.5	10.5	32	3.5	6	3.5	SCB3-6	
XSDG	50	116.5	±6.5	55	1	16	18.5	31	11.6	16	4.5	10.5	40	3.5	6	3.5	SCB3-6	
	60	111.5	±0.5	50	Coarse Feed ±6.5	16	18.5	36	11.6	16	5	10.5	50	4.5	8	4	SCB4-6	
XSKG	70	112		50.5	Fine Feed 0.2	16	18.5	46.5	12.5	18	6	11.5	60	4.5	8	4.5	SCB4-6	
(40≤A≤80)	80	104	±12.5	49.5		17	25	55	11	20	6.5	14.5	70	4.5	8	5.3	SCB4-6	
()	100	89	±12.0	-		-	-	67.5	-	20	6.5	14.5	90	4.5	8	5.3	SCB4-6	

· Performance

Part Number		Stage Surface					ravel Accuracy			Moment Load Capacity (N·m)			Moment Rigidity ("/N·cm)			Weight (kg)		Unit Price	
Type	Α	(mm)	Horizontal	Vertical	Straightness	Motion Parallelism	Pitching	Yawing	Pitching	Yawing	Rolling	Pitching	Yawing	Rolling	Parallelisili	XSDG	XSKG	XSDG	XSKG
	40	40x40	98						5.0	5.0	5.0	0.42	0.35	0.21		0.43	0.30		
XSDG	50	50x50	147]	4	7	25"	15"	6.8	6.8	6.0	0.15	0.14	0.09	15µm	0.48	0.35		
60	60	60x60	196	40	1µm	7μm			10.0	10.0	9.0	0.08	0.08	0.05		0.60	0.47		
XSKG	70	70x70	225.4	49				10	13.8	13.8	12.9	0.06	0.05	0.03		0.78	0.65		
(40≤A≤80)	80	80x80	264.6		2	8µm			18.2	18.2	17.7	0.04	0.04	0.02	20um	1.10	0.97		
(102/200)	100	100x100	343		3µm				31.8	31.8	30.7	0.02	0.02	0.01	Ζυμιιι	1.53	-		-

- TXSKG: Coarse / Fine Micrometer Head Coarse Resolution 10µm, Fine Resolution 0.5µm XSDG: Digital Micrometer Head Resolution 1µm XSDG: Digital Micrometer Head Resolution 1µm
- Nob Cover HDCVR13 (Sold Separately): Ø13 micrometer knob diameter can be increased by installing the cover. 🗷 P.2004 Extension Cover HDEXT13 (Sold Separately): Feed knob of Ø13 micrometer head and feed screw can be extended. DE P2004



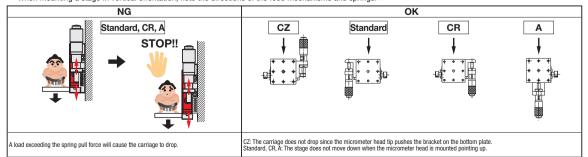


Alterations	Position of Mi	icrometer Head an	d Feed Screw	Reinfo	No Micrometer Head	
Spec.		Side Mount, Top/Bottom Reversed * 5	Center	Disc Clamp A Ji Pi 40 60 15.8 10 70 10 100 14.8 15 Not applicable to 25 square. A disc clamping method that does not apply loads on the stage surface. Better position holding performance than the standard clamping method.	A (B1) 25 17.5 40 24.5 50 19.5 60 14.5 70 14.0 Applicable to XSG only. Not applicable to a only only only only only only only only	will be removed before chipment
Code	l CR	CZ	A	l H	P	MN

- 5 C2: The micrometer head or the feed screw will be mounted on the top table (mounted on the bottom plate for Standard Type).
 For micrometer head or feed screw mounted in positions other than shown below, see "Specification Selectable Type" (P.1989).
 For 25 Square opposed Clamp, the bracket material is BN 1.4305 Equiv.

■Vertical Use of X-Axis Stages

When mounting a stage in vertical orientation, note the directions of the feed mechanisms and springs.



Thowever, do not apply a load exceeding the specified vertical load capacity.