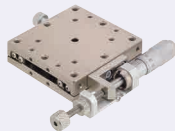


# [High Precision] X-Axis, Linear Ball Slide / Knob Covers

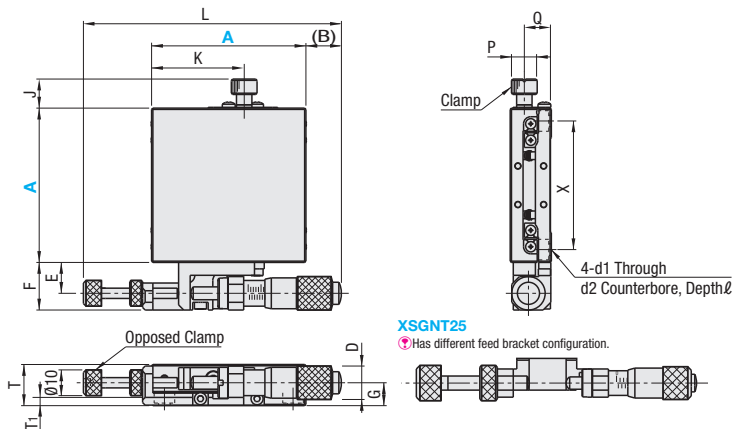
## Opposed Clamp with Knob

**Features:** Side mounted micrometer shaft is opposed by a knobbed screw to improve vibration resistance and secures greater locking power.

**X-Axis, Opposed Clamp with Knob**



XY-Axis P.1950 **RoHS10**



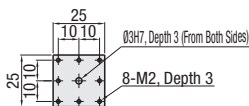
**XSGNT25**  
Has different feed bracket configuration.

- \* Bracket material will be different when A=25.
- For micrometer head and opposed clamp materials, see Adjust Screws ANKSS on P.1713.
- There is a hex socket (2.5mm hex, depth 2.5) on the end of the Opposed Clamp screw.

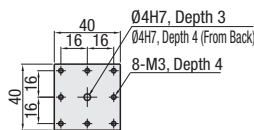
Type	Main Body		Ball		Spring	Micrometer Head Bracket		Tip Holder
	Material	Surface Treatment	Material	Hardness	Material	Material	Surface Treatment	Material
XSGNT	SUS440C	Electroless Nickel Plating	SUS440C	58HRC~	SUS304WPB	A5052 SUS303*	Clear Anodize	SUS303

### Mounting Hole Dimensions of the Top Table

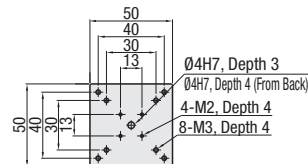
**A25**



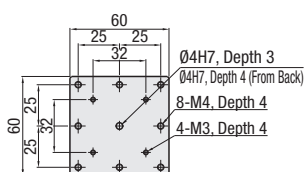
**A40**



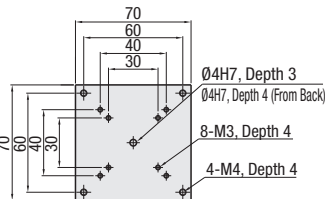
**A50**



**A60**



**A70**



Part Number	Top View							Front View					Side View					Accessory (# pcs.)	
	Type	A	(B)	E	F	J	K	L	D	G	T	T <sub>1</sub>	P	Q	X	d <sub>1</sub>	d <sub>2</sub>		ℓ
XSGNT	25	30		7	12	6.8	15	84.5	9.3	6.7	12	3.7	6	8.5	20	2.5	4.2	2.5	SCB2-4
	40	23.8					26								32	3.5	6	3.5	SCB3-6
	50	18.8		12	18.5	11.3	31	100.3	13	8.9	16	4.5	10	10.5	40				
	60	13.8					36					5			50	4.5	8	4	SCB4-6
	70	14.3					46.5			10	18	6		11.5	60			4.5	

### Performance

Part Number	Stage Surface	Travel Distance (mm)	Load Capacity (N)	Travel Accuracy				Moment Load Capacity (N·m)			Moment Rigidity (°/N·cm)			Parallelism	Weight (kg)	Unit Price	
				Horizontal	Vertical	Straightness	Motion Parallelism	Pitching	Yawing	Pitching	Yawing	Rolling					
XSGNT	25	25x25	±3.2	39.2	9.8	3µm	10µm	30"	25"	2.0	2.0	3.5	1.9	1.1	1.1	30µm	0.07
	40	40x40		98						5.0	5.0	5.0	0.42	0.35	0.21		0.23
	50	50x50		147						6.8	6.8	6.0	0.15	0.14	0.09		0.28
	60	60x60	±6.5	196	49	1µm	7µm	25"	15"	10.0	10.0	9.0	0.08	0.08	0.05	15µm	0.40
	70	70x70		225.4						13.8	13.8	12.9	0.06	0.05	0.03		0.58

Micrometer Head Resolution: 10µm/division

For orders larger than indicated quantity, please request a quotation.



Knob Cover HDCVR13 (Sold Separately): Ø13 micrometer head or feed screw knob can be increased in diameter to Ø30 by installing the cover. **P2004**

Extension Cover HDEXT13 (Sold Separately): Feed knob of Ø13 micrometer head and feed screw can be extended. **P2004**