

Clamping Screws

-Ball / Angle-

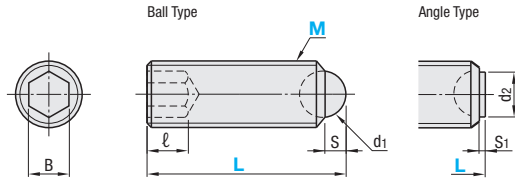
STOCK ITEM

RoHS 10

PRINTED
IN NAVY



Type		Main Body			Ball	
Ball Type	Angle Type	Material	Hardness	Surface Treatment	Material	Hardness
RSM	FSM	SOM435	38~43HRC	Blackening	SUJ2	55~60HRC
RSU	FSU	SUSXM7	-	-	SUS440C	55HRC~
RSUC	-	-	-	-	Alumina	1100HV



⚠ Screws grade is judged whether or not it can be used with commercially available nut which is JIS6g Equivalent.

Ball Type

Part Number	M	L					d1	B	ℓ	S	Withstand Load (kN)	Mass (g)
Type												
RSM RSU	3	5.2	10.2			1.5	1.5	1.2	0.5	0.5	0.2~0.4	
	4	6.5	10.5	16.5		2.5	2	2	0.8	1.3	0.4~1	
	5	8.6	12.6	20.6		3	2.5	2	1	1.4	0.8~2.3	
	6	10.8	16.8	20.8	25.8	4	3	3.5	1.3	3.3	1.5~4	
	8	*11.2	13.2	21.2	26.2	31.2	5.6	4	5(2.5)	1.8	3.9	2.5~9
	10	*13.7	17.7	21.7	26.7	36.7	7.1	5	6(3.5)	2.3	3.4	5~16
	12	*18	22	32	42		8.7	6	8(3)	2.8	4.8	10~28
16	*23.3	38.3	53.3			11.9	8	10(3)	4.3	8.9	22~48	

⚠ ℓ dimension for * marked L dimension is in ().

Part Number	M	L					d1	B	ℓ	S	Withstand Load (kN)	Mass (g)
Type												
RSUC	4	6.5	10.5	16.5		2.5	2	2	0.8	1.3	0.4~1	
	5	8.6	12.6	20.6		3	2.5	2	1	1.4	0.8~2.3	
	6	10.8	16.8	25.8		4	3	3.5	1.3	3.3	1.5~4	
	8	13.2	21.2	31.2		5.5	4	5	1.8	3.9	2.5~9	
	10	17.7	26.7			7	5	6	2.3	3.4	5~16	
	12	22	42			8.5	6	8	2.8	4.8	10~28	

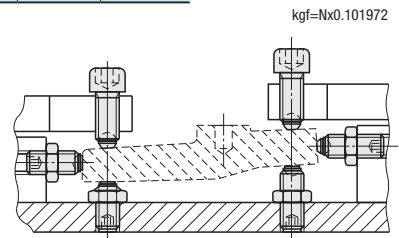
Angle Type

Part Number	M	L					d2	B	ℓ	S1	Withstand Load (kN)	Mass (g)
Type												
FSM FSU	4	6	10	16		2	2	2	0.3	1.3	0.4~1	
	5	8	12	20		2.5	2.5	2	0.4	1.4	0.8~2.3	
	6	10	16	20	25	3.2	3	3.5	0.6	3.3	1.5~4	
	8	*10	12	20	25	30	4.5	4	5(2.5)	0.8	3.9	2.5~9
	10	*12	16	20	25	35	6	5	6(3.5)	0.8	3.4	5~16
FSM	12	*16	20	30	40		7.2	6	8(3)	1	4.8	10~28
	16	*20	25	35	50		10.7	8	10(3)	1.3	8.9	22~48

⚠ ℓ dimension for * marked L dimension is in ().

Order Example: **Part Number** - **L**
RSM4 - 10.5

EX Example



Notes on Clamping Screws

This product is used not to rotate face balls but to clamp works. (The face balls do not necessarily rotate depending on each caulking conditions of face balls.)

For Angle Type, a sphere of its hemisphere appears on the face, instead of a flat plane by its rotation. In such a case, return its position using adhesive tape and magnet. Otherwise use Non-reverse Type to avoid rotations.