



● M2, M3, and M4 do not have slotted grooves on the main ball side.

● Material/Finish



	FP	MP
Main body	S45C Ferrosferic Oxide Film (Black)	Equivalent to SUS304
Ball	SUJ2 (hardness: 55 - 60 HRC)	SUJ2 (hardness: 55 - 60 HRC)
Spacer	SUS304	SUS304
Spring	SWPB	SWPB
Vibration resistant treatment	Nylon Lock	Nylon Lock

- Insert a spacer between the ball and spring (Except for M2 / M3). The ball rotates.
- With nylon lock for vibration resistant treatment (Except for M2/ M3 / M4).
- We also produce products of special specifications, e.g. dimensions, load and materials. ➔ P.xxxx
- Main body materials and load types can be selected according to the product code.

Product Code	Material	Load Type
FP	Steel	Light Load
MP	Stainless Steel	Heavy load

FP Made of Steel / Light Load MP Made of Stainless Steel / Heavy Load

Unit : mm

Part Number	M (coarse)		s	L	D	B	Applicable ball button BB	Load (N) min./max.	Mass (g)	Loosening stopper
	Nominal of Thread	Pitch								
FP-2	M2	0.4	0.2	5	1	0.9		0.7 / 1.4	0.1	No
FP-3	M3	0.5	0.5	7	1.5	1.5		1 / 2	0.4	No
FP-4	M4	0.7	0.8	9	2.5	2	BB-5	2 / 4.9	0.5	No
FP-5	M5	0.8	0.8	12	3	2.5	BB-5	2.9 / 9.8	1	Yes
FP-6	M6	1	0.8	13	3	3	BB-6	4.9 / 15	1.7	Yes
FP-8	M8	1.25	1	15	4	4	BB-6	6.9 / 20	3.5	Yes
FP-10	M10	1.5	1.2	16	5	5	BB-8	8.8 / 25	6	Yes
FP-12	M12	1.75	1.8	20	7	6	BB-10	9.8 / 29	11	Yes
FP-16	M16	2	2.5	25	9.5	8	BB-12	16 / 49	25	Yes
MP-2	M2	0.4	0.2	5	1	0.9		1.2 / 2	0.1	No
MP-3	M3	0.5	0.5	7	1.5	1.5		1.5 / 2.9	0.4	No
MP-4	M4	0.7	0.8	9	2.5	2	BB-5	3.9 / 9.8	0.5	No
MP-5	M5	0.8	0.8	12	3	2.5	BB-5	4.9 / 20	1	Yes
MP-6	M6	1	0.8	13	3	3	BB-6	9.8 / 29	1.7	Yes
MP-8	M8	1.25	1	15	4	4	BB-6	13 / 39	3.5	Yes
MP-10	M10	1.5	1.2	16	5	5	BB-8	19 / 49	6	Yes
MP-12	M12	1.75	1.8	20	7	6	BB-10	20 / 59	11	Yes
MP-16	M16	2	2.5	25	9.5	8	BB-12	29 / 98	25	Yes

● Part number specification



Cleanroom Wash & Packaging ➔ P.xxxx	Vibration Resistant ➔ P.xxxx	Laser Marking ➔ P.xxxx
Please feel free to contact us	with Vibration Resistant Treatment	Not Available