



- Cost-effective ball plunger.
- Light load, heavy load and super heavy load types with and without vibration resistant treatment are available.
- The main body, ball and spring are made of stainless steel.
- We also produce products of special specifications, e.g. dimensions, load and materials. → P.xxxx
- Load types and with / without vibration resistant treatment can be selected by a product code.

Product Code	Load Type	Vibration resistant treatment
PAFS-L	Light Load	No
PAFS-L-P	Light Load	Yes
PAFS-M	Heavy load	No
PAFS-M-P	Heavy load	Yes
PAFS-H	Super heavy load	No
PAFS-H-P	Super heavy load	Yes

PAFS-L PAFS-L-P Light Load PAFS-M PAFS-M-P Heavy Load

Part Number	M (Coarse)		s	L	D	B	Applicable ball button BB	Load (N) min./max.	Mass (g)	Loosening stopper
	Nominal of Thread	Pitch								
PAFS-3-L	M3	0.5	0.5	6	1.5	1.5		1 / 2	0.4	No
PAFS-4-L	M4	0.7	0.8	8	2.5	2	BB-5	2 / 4.9	0.4	No
PAFS-5-L	M5	0.8	0.8	11	3	2.5	BB-5	2.9 / 9.8	0.9	No
PAFS-6-L	M6	1	0.8	12	3	3	BB-6	4.9 / 15	1.5	No
PAFS-8-L	M8	1.25	1	14	4	4	BB-6	6.9 / 20	3.2	No
PAFS-10-L	M10	1.5	1.2	15	5	5	BB-8	8.8 / 25	5.4	No
PAFS-12-L	M12	1.75	1.8	19	7.1	6	BB-10	9.8 / 29	10	No
PAFS-16-L	M16	2	2.5	24	9.5	8	BB-12	16 / 49	24	No
PAFS-3-L-P	M3	0.5	0.5	6	1.5	1.5		1 / 2	0.4	Yes
PAFS-4-L-P	M4	0.7	0.8	8	2.5	2	BB-5	2 / 4.9	0.4	Yes
PAFS-5-L-P	M5	0.8	0.8	11	3	2.5	BB-5	2.9 / 9.8	0.9	Yes
PAFS-6-L-P	M6	1	0.8	12	3	3	BB-6	4.9 / 15	1.5	Yes
PAFS-8-L-P	M8	1.25	1	14	4	4	BB-6	6.9 / 20	3.2	Yes
PAFS-10-L-P	M10	1.5	1.2	15	5	5	BB-8	8.8 / 25	5.4	Yes
PAFS-12-L-P	M12	1.75	1.8	19	7.1	6	BB-10	9.8 / 29	10	Yes
PAFS-16-L-P	M16	2	2.5	24	9.5	8	BB-12	16 / 49	24	Yes
PAFS-3-M	M3	0.5	0.5	6	1.5	1.5		1.5 / 2.9	0.4	No
PAFS-4-M	M4	0.7	0.8	8	2.5	2	BB-5	3.9 / 9.8	0.4	No
PAFS-5-M	M5	0.8	0.8	11	3	2.5	BB-5	4.9 / 20	0.9	No
PAFS-6-M	M6	1	0.8	12	3	3	BB-6	9.8 / 29	1.5	No
PAFS-8-M	M8	1.25	1	14	4	4	BB-6	13 / 39	3.2	No
PAFS-10-M	M10	1.5	1.2	15	5	5	BB-8	19 / 49	5.4	No
PAFS-12-M	M12	1.75	1.8	19	7.1	6	BB-10	20 / 59	10	No
PAFS-16-M	M16	2	2.5	24	9.5	8	BB-12	29 / 98	24	No
PAFS-3-M-P	M3	0.5	0.5	6	1.5	1.5		1.5 / 2.9	0.4	Yes
PAFS-4-M-P	M4	0.7	0.8	8	2.5	2	BB-5	3.9 / 9.8	0.4	Yes
PAFS-5-M-P	M5	0.8	0.8	11	3	2.5	BB-5	4.9 / 20	0.9	Yes
PAFS-6-M-P	M6	1	0.8	12	3	3	BB-6	9.8 / 29	1.5	Yes
PAFS-8-M-P	M8	1.25	1	14	4	4	BB-6	13 / 39	3.2	Yes
PAFS-10-M-P	M10	1.5	1.2	15	5	5	BB-8	19 / 49	5.4	Yes
PAFS-12-M-P	M12	1.75	1.8	19	7.1	6	BB-10	20 / 59	10	Yes
PAFS-16-M-P	M16	2	2.5	24	9.5	8	BB-12	29 / 98	24	Yes

Cleanroom Wash & Packaging → P.xxxx

Vibration Resistant → P.xxxx

Laser Marking → P.xxxx

Please feel free to contact us

Available / Add'l charge

Not Available



● Material/Finish

	PAFS-L	PAFS-L-P	PAFS-M	PAFS-M-P	PAFS-H	PAFS-H-P
Main Body	SUSXM7	SUSXM7	SUSXM7	SUSXM7	SUSXM7*1 Temper Color (Brown)	SUSXM7*1 Temper Color (Brown)
Ball	SUS440C (Hardness: 55 - 60 HRC)	SUS440C (Hardness: 55 - 60 HRC)	SUS440C*1 (Hardness: 55 - 60 HRC) Temper Color (Brown)	SUS440C*1 (Hardness: 55 - 60 HRC) Temper Color (Brown)	SUS440C (Hardness: 55 - 60 HRC)	SUS440C (Hardness: 55 - 60 HRC)
Spring	SUS631J1	SUS631J1	SUS631J1	SUS631J1	SUS631J1	SUS631J1
Anti-Loosening		Nylon Adhesion (Nylon 11)		Nylon Adhesion (Nylon 11)		Nylon Adhesion (Nylon 11)

*1 : Load types can be selected by the surface treatment of the main body and ball.

PAFS-H PAFS-H-P Super Heavy Load

Part Number	M (Coarse)		s	L	D	B	Applicable ball button BB	Load (N) min./max.	Mass (g)	Loosening stopper
	Nominal of Thread	Pitch								
PAFS-3-H	M3	0.5	0.5	6	1.5	1.5		2.2 / 5	0.4	No
PAFS-4-H	M4	0.7	0.8	8	2.5	2	BB-5	2.5 / 12.5	0.4	No
PAFS-5-H	M5	0.8	0.8	11	3	2.5	BB-5	11.2 / 24.1	0.9	No
PAFS-6-H	M6	1	0.8	12	3	3	BB-6	17.7 / 33.4	1.5	No
PAFS-8-H	M8	1.25	1	14	4	4	BB-6	21.4 / 45.3	3.2	No
PAFS-10-H	M10	1.5	1.2	15	5	5	BB-8	23.5 / 60	5.4	No
PAFS-12-H	M12	1.75	1.8	19	7.1	6	BB-10	24.1 / 63.7	10	No
PAFS-16-H	M16	2	2.5	24	9.5	8	BB-12	43.6 / 116.3	24	No
PAFS-3-H-P	M3	0.5	0.5	6	1.5	1.5		2.2 / 5	0.4	Yes
PAFS-4-H-P	M4	0.7	0.8	8	2.5	2	BB-5	2.5 / 12.5	0.4	Yes
PAFS-5-H-P	M5	0.8	0.8	11	3	2.5	BB-5	11.2 / 24.1	0.9	Yes
PAFS-6-H-P	M6	1	0.8	12	3	3	BB-6	17.7 / 33.4	1.5	Yes
PAFS-8-H-P	M8	1.25	1	14	4	4	BB-6	21.4 / 45.3	3.2	Yes
PAFS-10-H-P	M10	1.5	1.2	15	5	5	BB-8	23.5 / 60	5.4	Yes
PAFS-12-H-P	M12	1.75	1.8	19	7.1	6	BB-10	24.1 / 63.7	10	Yes
PAFS-16-H-P	M16	2	2.5	24	9.5	8	BB-12	43.6 / 116.3	24	Yes

● Related Products

Use a ball button BB with excellent abrasion resistance on the recipient.



● Part number specification

PAFS-4-H-P

