



- 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
<b>PAFS-L</b>	Light Load	No
<b>PAFS-L-P</b>	Light Load	Yes
<b>PAFS-M</b>	Heavy load	No
<b>PAFS-M-P</b>	Heavy load	Yes
<b>PAFS-H</b>	Super heavy load	No
<b>PAFS-H-P</b>	Super heavy load	Yes



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

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

Unit : mm

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

	<b>PAFS-L</b>	<b>PAFS-L-P</b>	<b>PAFS-M</b>	<b>PAFS-M-P</b>	<b>PAFS-H</b>	<b>PAFS-H-P</b>
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)

RoHS

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

Unit : mm

• Related Products

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



• Part number specification

**PAFS-4-H-P**

<sup>1</sup>