

- For applications with oil breakers, knockouts, positioners, etc.
- With anti-loosening nylon lock.
- **PLP-S** — Light Load
- **PLP-SS** — Heavy Load
- We also produce products of special specifications, e.g. dimensions, load and materials. → P.xxxx
- Part number specification

### Material/Finish



	PLP-S	PLP-SS
Main Body	S45C Ferrosoferric Oxide Film (Black)	S45C*1 Ferrosoferric Oxide Film (Black)
Hex Socket Set Screw	Steel Ferrosoferric Oxide Film (Black)	Steel Ferrosoferric Oxide Film (Black)
Pin	Steel (Hardness: 57 - 63 HRC) Trivalent Chromate Treatment	Steel (Hardness: 57 - 63 HRC) Ferrosoferric Oxide Film (Black)
Spring	SWPB	SWPB
Anti-Loosening	Nylon Lock	Nylon Lock

\* 1 : The main body material for **PLP-12-10-SS** is SCM435 equivalent.

## PLP-16-20-S

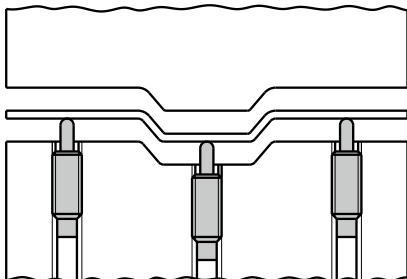


**PLP-S** Light Load **PLP-SS** Heavy Load

Unit : mm

Part Number	M (Coarse)		s	L1	L	D	a	B	Applicable Ball Button <b>BB</b>	Applicable Wrench <b>PPW</b>	Load (N) Min./Max.	Mass (g)	Anti-Loosening
	Nominal of Thread	Pitch											
<b>PLP-16B-10-S</b>	M16	2	10	35	50	8	2.5	5	BB-12	PPW-16	9.8 / 49	45	Yes
<b>PLP-16-10-S</b>	M16	2	10	35	60	8	2.5	5	BB-12	PPW-16	13 / 39	52	Yes
<b>PLP-16-15-S</b>	M16	2	15	35	60	8	2.5	5	BB-12	PPW-16	9.8 / 39	52	Yes
<b>PLP-16-20-S</b>	M16	2	20	35	60	8	2.5	5	BB-12	PPW-16	13 / 39	52	Yes
<b>PLP-16-30-S</b>	M16	2	30	35	125	8	2.5	5	BB-12	PPW-16	18 / 39	100	Yes
<b>PLP-24-15-S</b>	M24	3	15	45	60	10	3.5	10	BB-16	PPW-24	20 / 98	105	Yes
<b>PLP-30-20-S</b>	M30	3.5	20	45	70	15	3.5	14	BB-16	PPW-30	29 / 150	185	Yes
<b>PLP-12-10-SS</b>	M12	1.75	10	35	43	5.5	2.5	4	BB-10	PPW-12	6.9 / 39	21	Yes
<b>PLP-16B-10-SS</b>	M16	2	10	35	50	8	2.5	5	BB-12	PPW-16	20 / 98	45	Yes
<b>PLP-16-10-SS</b>	M16	2	10	35	60	8	2.5	5	BB-12	PPW-16	26 / 78	52	Yes
<b>PLP-16-15-SS</b>	M16	2	15	35	60	8	2.5	5	BB-12	PPW-16	15 / 78	52	Yes
<b>PLP-16-20-SS</b>	M16	2	20	35	85	8	2.5	5	BB-12	PPW-16	17 / 78	70	Yes
<b>PLP-16-30-SS</b>	M16	2	30	35	125	8	2.5	5	BB-12	PPW-16	20 / 78	100	Yes
<b>PLP-24-15-SS</b>	M24	3	15	45	60	10	3.5	10	BB-16	PPW-24	39 / 200	105	Yes
<b>PLP-30-20-SS</b>	M30	3.5	20	45	70	15	3.5	14	BB-16	PPW-30	49 / 290	185	Yes

- Usage example  
For prevention of adhesion.



### ⚠ Precautions for Use

Install and remove from the pin side by using the plunger wrench **PPW**.

If a hex socket is used, the hex socket set screw attached to the main body may detach.

### • Related Products

A dedicated plunger wrench **PPW** for mounting or removal from the pin side is available.



Cleanroom Wash & Packaging → P.xxxx  
Not Available

Vibration Resistant → P.xxxx  
with Vibration Resistant Treatment

Laser Marking → P.xxxx  
Not Available