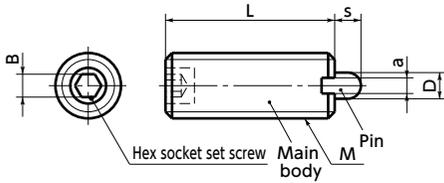


PSPS Short Stroke Plungers (Made of Stainless Steel)



SUS Stainless steel



Material/Finish



	PSPS-S / PSPS-Z	PSPS-NS / PSPS-NZ
Main Body	Equivalent to SUS304	Equivalent to SUS304
Pin	SUS440C (Hardness: 55 - 60 HRC)	Polyacetal (White)
Spring	SUS631J1	SUS631J1

Hexagon socket part is colored for identification. **PSPS-S**

PSPS-NS Red / **PSPS-Z** / **PSPS-NZ** Blue

⚠️ Precautions for Use

When fixing the plunger for use with adhesive, etc., we recommend mounting and removing from the pin side with plunger wrench **PPW**.

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

- Short stroke plunger made of stainless steel. It has excellent corrosion resistance.
- PSPS-NS** and **PSPS-NZ** have a plastic pin. Workpiece damage can be avoided.
- We also produce products of special specifications, e.g. dimensions, load and materials. → P.xxxx
- Pin materials and load types can be selected by the end symbol of the part number.

End Symbol of the Part Number	Pin Material	Load Type
S	Stainless Steel	Heavy Load
Z	Stainless Steel	Super Heavy Load
NS	Plastic	Heavy Load
NZ	Plastic	Super Heavy Load

PSPS **PSPS-NS** Heavy Load **PSPS-Z** **PSPS-NZ** Super Heavy Load

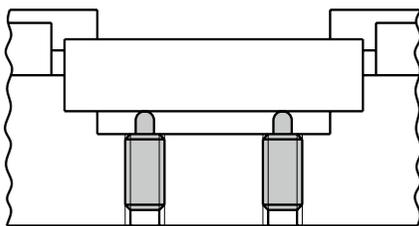
Unit : mm

Part Number Stainless Steel Pin	Part Number Plastic Pin	M (Coarse)		s	L	D	a	B	Applicable Ball Button BB	Applicable Wrench*1 PPW	Load (N) Min./Max.	Mass (g)
		Nominal of Thread	Pitch									
PSPS-4-2-S	PSPS-4-2-NS	M4	0.7	2	15	1.6	0.6	1.3	BB-4		2 / 8.8	0.7
PSPS-5-3-S	PSPS-5-3-NS	M5	0.8	3	20	2	1.2	1.5	BB-5	PPW-5	2.7 / 16.3	2
PSPS-6-3-S	PSPS-6-3-NS	M6	1	3	25	2.5	1.3	2	BB-6	PPW-6	8 / 26.4	3
PSPS-8-3-S	PSPS-8-3-NS	M8	1.25	3	25	3.1	1.5	2.5	BB-8	PPW-8	14.7 / 27	6
PSPS-10-5-S	PSPS-10-5-NS	M10	1.5	5	30	3.8	1.5	3	BB-8	PPW-10	8.2 / 45.7	11
PSPS-12-5-S	PSPS-12-5-NS	M12	1.75	5	30	5.5	2.7	4	BB-10	PPW-12	18.2 / 49	15
PSPS-4-2-Z	PSPS-4-2-NZ	M4	0.7	2	15	1.6	0.6	1.3	BB-4		6.1 / 13.8	0.7
PSPS-5-3-Z	PSPS-5-3-NZ	M5	0.8	3	20	2	1.2	1.5	BB-5	PPW-5	6.8 / 22	2
PSPS-6-3-Z	PSPS-6-3-NZ	M6	1	3	25	2.5	1.3	2	BB-6	PPW-6	15.8 / 35.6	3
PSPS-8-3-Z	PSPS-8-3-NZ	M8	1.25	3	25	3.1	1.5	2.5	BB-8	PPW-8	21.9 / 36.3	6
PSPS-10-5-Z	PSPS-10-5-NZ	M10	1.5	5	30	3.8	1.5	3	BB-8	PPW-10	24.5 / 58.6	11
PSPS-12-5-Z	PSPS-12-5-NZ	M12	1.75	5	30	5.5	2.7	4	BB-10	PPW-12	34.9 / 63.6	15

*1: Use a slotted screwdriver with **PSPS-4-2**.

Usage example

For product extrusion.



Related Products

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



Part number specification

PSPS-6-3-NS

Product Code **1** **2** **3**

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