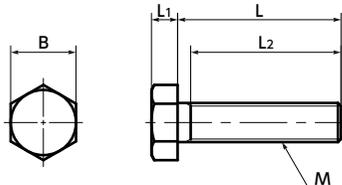




SPS-H Plastic Screw - Hex Head Screws - PPS

Heat-resistance Chemical-proof



● Material/Finish



	SPS-H
Main body	PPS (Polyphenylene Sulfide) (Bright Light Brown) (Glass Fiber 40%)
Heat Resistance Temperature*1	200°C

*1: This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

- PPS has excellent heat resistance and chemical resistance and continuous duty temperature of 200°C. Under 200°C, no oils, fats, or organic solvents dissolve PPS.
- It has high strength, high rigidity, and high heat resistance strength.
- It has high incombustibility that meets V-0 of UL 94.
- The properties and precautions of plastic screws
→ P.xxxx

● Application

FPD production equipment / Semiconductor devices / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants / Transformers / Electrical and electronic equipment / Hot water pumps / Chemical pumps

Unit : mm

Part Number	M (Coarse)		L	B	L1	L2*1	Tension Rupture Load (N)	Torsional*2 Torque (N·m)	Mass (g)	Qty per pack
	Nominal of Thread	Pitch								
SPS-M4-H	M4	0.7	8 10 12 15 20 25	7	2.8	Full Thread	966	0.69	0.33 - 0.62	10
SPS-M5-H	M5	0.8	8 10 12 15 20 25 30	8	3.5	Full Thread	1548	1.23	0.54 - 1.1	10
SPS-M6-H	M6	1	10 12 15 20 25 30 40	10	4	Full Thread	2028	2.05	0.96 - 2.1	10
SPS-M8-H	M8	1.25	15 20 25 30 40 50	13	5.5	30(L=50)	3701	5.48	2.4 - 4.8	5
SPS-M10-H	M10	1.5	20 25 30 40 50	17	7	25(L=50)	5438	8.87	5.1 - 8.3	1
SPS-M12-H	M12	1.75	20 25 30 40 50	19	8	Full Thread	6805	13.7	7.3 - 12	1

*1: If the "L" value is other than the value in parentheses, the screw is full thread.

*2: Values in chart are for reference only. They are not guaranteed values. The recommendation torque is 50% of the torsional torque.

● When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

● Part number specification

SPS - M5 - 20 - H

Product Code	1	2	Product Code
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Individual Sales → P.xxxx	Cleanroom Wash & Packaging → P.xxxx	Screw Length Adjustment → P.xxxx	Vibration Resistant → P.xxxx	Modification process for captive use → P.xxxx
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us