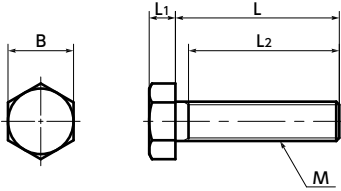


# SPS-H Plastic Screw - Hex Head Screws - PPS



WEB Selection Tool   
 WEB CAD Download   
 Heat-resistance   
 Chemical-proof



● Material/Finish

RoHS Compliant

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

\*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 deg C. Under 200 deg 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.724
- 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, and chemical pumps

Unit : mm

Part Number	M	L								B	L1	L2*1	Tension*2 Rupture Load (N)	Torsional*2 Torque (N·m)	Mass (g)	
		8	10	12	15	20	25	30	40							50
<b>SPS-M4-H</b>	M4	8	10	12	15	20	25			7	2.8	Full Thread	980	0.71	0.33 - 0.62	
<b>SPS-M5-H</b>	M5	8	10	12	15	20	25	30		8	3.5	Full Thread	1570	1.42	0.54 - 1.1	
<b>SPS-M6-H</b>	M6		10	12	15	20	25	30	40	10	4	Full Thread	2250	2.11	0.96 - 2.1	
<b>SPS-M8-H</b>	M8				15	20	25	30	40	50	13	5.5	27(L=50)	3720	5.29	2.4 - 4.8
<b>SPS-M10-H</b>	M10					20	25	30	40	50	17	7	27(L=50)	5890	11.8	5.1 - 8.3
<b>SPS-M12-H</b>	M12					20	25			19	8	Full Thread	7850	20.6	7.3 - 8	

\*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.

Part Number	Qty per pack*1
<b>SPS-M4-H</b>	10
<b>SPS-M5-H</b>	10
<b>SPS-M6-H</b>	10
<b>SPS-M8-H</b>	5
<b>SPS-M10-H</b>	1
<b>SPS-M12-H</b>	1

\*1 The minimum order quantity is 1 piece. ➔ P.794

● Part number specification

## SPS - M5 - 20 - H

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

Order in number of packs.

The minimum order quantity is 1 piece. ➔ P.794

Individual Sales ➔ P.794   
 Cleanroom Wash & Packaging ➔ P.792   
 Screw Length Adjustment ➔ P.796   
 Vibration Resistant ➔ P.795   
 Modification process for captive use ➔ P.791  
 Available / Add'l charge    Available / Add'l charge    Available / Add'l charge    Not Available    Please feel free to contact us