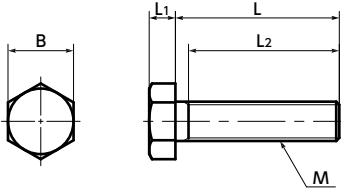


# SPS-H Plastic Screw - Hex Head Screws - PPS Additional Size



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



● Material/Finish

RoHS2 Compliant

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

\*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: Also sold separately from 1 piece up. → P.xxxx

● Part number specification

## SPS - M5 - 20 - H

Product Code <sup>1</sup> <sup>2</sup> Product Code

Order in number of packs.

Also sold separately from 1 piece up. → P.xxxx

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