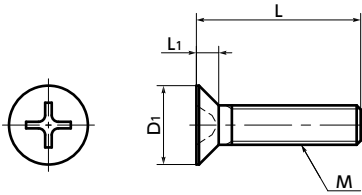


# SPS-F Plastic Screw PPS / Phillips Cross Recessed Flat Head Machine Screws Additional Size



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



● Material/Finish

RoHS2 Compliant

	<b>SPS-F</b>
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								D1	L1	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	15	20	25	30					
<b>SPS-M3-F</b>	M3	0.5	6	8	10	12	15	20	25		6	1.75	558	0.29	0.11 - 0.27
<b>SPS-M4-F</b>	M4	0.7		8	10	12	15	20	25		8	2.3	966	0.69	0.25 - 0.47
<b>SPS-M5-F</b>	M5	0.8			10	12	15	20	25		10	2.8	1548	1.23	0.52 - 0.87
<b>SPS-M6-F</b>	M6	1			10	12	15	20	25	30	12	3.4	2028	2.05	0.83 - 1.4

\*1: 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-M3-F</b>	20
<b>SPS-M4-F</b>	20
<b>SPS-M5-F</b>	10
<b>SPS-M6-F</b>	10

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

● Part number specification

## SPS - M5 - 20 - F

Product Code 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	Not Available