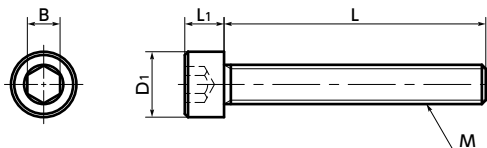




SPE-FT Plastic Screw - Socket Head Cap Screws - Full Thread - PEEK

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Chemical-proof](#)
[Full Thread](#)



● Material/Finish



	SPE
Main Body	PEEK/Light brown
Heat Resistance Temperature*	180°C

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

⚠ Precautions for Use

Because a cumulative pitch difference is created when PEEK screws are manufactured, use these screws with nuts. If a nut is not used, use a 20 mm or less fit with female thread.

- PEEK is a thermoplastic super-engineering plastic with excellent physical and chemical properties.
- These screws have excellent chemical resistance. They are mostly unaffected by chemicals excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid.
- These screws have excellent heat resistance, water resistance, and high heat resistance strength.
- These screws have excellent abrasion, shock, and fatigue resistance.
- They have 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	1	L	2						D1	L1	B	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
SPE-M3-C-FT	M3	30	40	50						5.5	3	2.5	430	0.3	0.31 - 0.48
SPE-M4-C-FT	M4		40	50	60	70	80	90	100	7	4	3	765	0.64	0.78 - 1.8
SPE-M5-C-FT	M5		40	50	60	70	80	90	100	8.5	5	4	1230	1.28	1.2 - 2.7
SPE-M6-C-FT	M6			50	60	70	80	90	100	10	6	5	1670	2.26	2.2 - 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
SPE-M3-C-FT	1
SPE-M4-C-FT	1
SPE-M5-C-FT	1
SPE-M6-C-FT	1

● Related Products

SPE-N Plastic Hexagon Nut (PEEK) is available.
→ P.741



● Part number specification

SPE-M6-50-C-FT

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

1 Individual Sales → P.794	2 Cleanroom Wash & Packaging → P.792	3 Screw Length Adjustment → P.796	4 Vibration Resistant → P.795	5 Modification process for captive use → P.791
1 unit in 1 bag	Available / Add'l charge	Available / Add'l charge	Not Available	Not Available