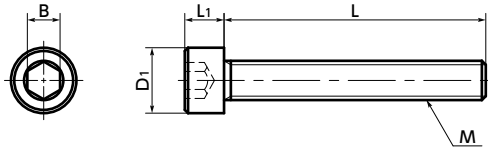


SPE-FT Plastic Fully Threaded Socket Head Cap Screws - PEEK

Heat-resistance Chemical-proof Full Thread Electrical Insulation



● Material/Finish



	SPE-FT
Main Body	PEEK (Polyether Ether Ketone) (Light Brown)
Heat Resistance Temperature*1	260°C

*1: This is the value for the resin material. The 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 hex socket head cap screws.
- PEEK is a thermoplastic super engineering plastic superior in physical and chemical properties.
- Excellent chemical resistance. It remains almost unaffected by chemicals other than concentrated sulfuric acid, concentrated nitric acid, and concentrated hydrofluoric acid.
- With excellent heat resistance and water resistance, it retains strength at high temperatures.
- It features outstanding resistance to wear, shock, and fatigue.
- It also has high flame retardance which clears the UL 94 V-0 standard.
- For the properties and precautions for use of plastic screws, see "Properties of Plastic Screws."

● Application

FPD production equipment / Semiconductor manufacturing equipment / 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 1	M (Coarse)		L 2	D1	L1	B	Tensile Breaking Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch								
SPE-M3-C-FT	M3	0.5	30 40 50	5.5	3	2.5	405	0.21	0.31 - 0.48	1
SPE-M3-C-FT(50)	M3	0.5	50	5.5	3	2.5	405	0.21	0.48	50
SPE-M4-C-FT	M4	0.7	40 50 60 70 80 90 100	7	4	3	738	0.47	0.78 - 1.8	1
SPE-M4-C-FT(100)	M4	0.7	40	7	4	3	738	0.47	0.78	100
SPE-M4-C-FT(50)	M4	0.7	100	7	4	3	738	0.47	1.8	50
SPE-M5-C-FT	M5	0.8	40 50 60 70 80 90 100	8.5	5	4	1234	0.96	1.2 - 2.7	1
SPE-M5-C-FT(50)	M5	0.8	100	8.5	5	4	1234	0.96	2.7	50
SPE-M6-C-FT	M6	1	50 60 70 80 90 100	10	6	5	1749	1.64	2.2 - 4	1
SPE-M6-C-FT(50)	M6	1	100	10	6	5	1749	1.64	4	50
SPE-M8-C-FT	M8	1.25	100 13	13	8	6	3261	3.68	9	1
SPE-M8-C-FT(50)	M8	1.25	100 13	13	8	6	3261	3.68	9	50

*1: Values in chart are for reference only. They are not guaranteed values. The recommended tightening 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.

● Related Products

PEEK hex nuts **SPE-N** are available.



● Part Number Specification

SPE-M6-50-C-FT

1 2 1

Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Not Available