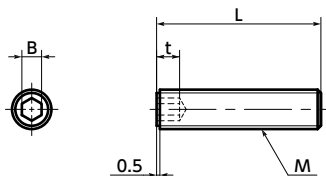




# SPE-T Plastic Socket Set Screws - PEEK

Heat-resistance Chemical-proof Electrical Insulation



● Material/Finish



	SPE-T
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 set 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 <b>1</b>	M (Coarse)		L <b>2</b>										B	t	Torsional Torque*1 (N·m)	Mass (g)	Qty per Pack	
	Nominal of Thread	Pitch																
<b>SPE-M3-T</b>	M3	0.5	4	5	6	8	10	12	15					1.5	2	0.21	0.023 - 0.1	10
<b>SPE-M3-T(100)</b>	M3	0.5	4	5	6	8	10	12	15					1.5	2	0.21	0.023 - 0.1	100
<b>SPE-M4-T</b>	M4	0.7		5	6	8	10	12	15	20				2	2.5	0.47	0.05 - 0.25	10
<b>SPE-M4-T(100)</b>	M4	0.7		5	6	8	10	12	15	20				2	2.5	0.47	0.05 - 0.25	100
<b>SPE-M5-T</b>	M5	0.8		5	6	8	10	12	15	20				2.5	3	0.96	0.05 - 0.37	10
<b>SPE-M5-T(100)</b>	M5	0.8		5	6	8	10	12	15	20				2.5	3	0.96	0.05 - 0.37	100
<b>SPE-M6-T</b>	M6	1			6	8	10	12	15	20	25			3	3.5	1.64	0.13 - 0.68	5
<b>SPE-M6-T(100)</b>	M6	1			6	8	10	12	15	20	25			3	3.5	1.64	0.13 - 0.68	100
<b>SPE-M8-T</b>	M8	1.25						10	12	15	20	25	30	4	5	3.68	0.42 - 1.5	5
<b>SPE-M8-T(100)</b>	M8	1.25						10	12	15	20	25	30	4	5	3.68	0.42 - 1.5	100

\*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



<b>1</b> Individual Sales Available / Add'l charge	<b>2</b> Cleanroom Wash & Packaging Available / Add'l charge	<b>3</b> Screw Length Adjustment Available / Add'l charge	<b>4</b> Vibration Resistant Not Available	<b>5</b> Modification process for captive use Not Available
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