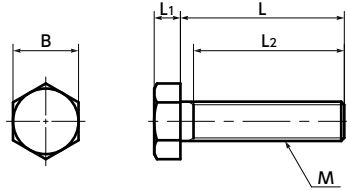


SPE-H Plastic Hex Head Screws - PEEK

Heat-resistance Chemical-proof Electrical Insulation



Material/Finish



	SPE-H
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 head bolts.
- 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	M (Coarse)		L	B	L1	L2*1	Tensile Breaking Load*2 (N)	Torsional Torque*2 (N·m)	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch								
SPE-M4-H	M4	0.7	8 10 12 15 20 25	100	7 2.8	Full Thread	738	0.47	0.26 - 1.5	10
SPE-M4-H(100)	M4	0.7	8 10 12 15 20 25	100	7 2.8	Full Thread	738	0.47	0.26 - 0.48	100
SPE-M4-H(50)	M4	0.7		100	7 2.8	Full Thread	738	0.47	1.5	50
SPE-M5-H	M5	0.8	10 12 15 20 25 30	100	8 3.5	Full Thread	1234	0.96	0.46 - 2.4	10
SPE-M5-H(100)	M5	0.8	10 12 15 20 25 30	100	8 3.5	Full Thread	1234	0.96	0.46 - 0.88	100
SPE-M5-H(50)	M5	0.8		100	8 3.5	Full Thread	1234	0.96	2.4	50
SPE-M6-H	M6	1	10 12 15 16 20 25 30 35 40 45 50	100	10 4	Full Thread	1749	1.64	0.75 - 3.3	10
SPE-M6-H(100)	M6	1	10 12 15 16 20 25 30 35 40 45 50	100	10 4	Full Thread	1749	1.64	0.75 - 1.9	100
SPE-M6-H(50)	M6	1		100	10 4	Full Thread	1749	1.64	3.3	50
SPE-M8-H	M8	1.25	10 12 15 20 25 30 35 40 45 50	100	13 5.5	30(L=50)	3261	3.68	1.6 - 7.2	5
SPE-M8-H(100)	M8	1.25	10 12 15 20 25 30 35 40 45 50	100	13 5.5	30(L=50)	3261	3.68	1.6 - 4.1	100
SPE-M8-H(50)	M8	1.25		100	13 5.5	30(L=50)	3261	3.68	7.2	50
SPE-M10-H	M10	1.5	15 20 25 30 35 40 45 50	100	17 7	35(L=50)	5256	7.9	3.6 - 6.4	1
SPE-M10-H(50)	M10	1.5	15 20 25 30 35 40 45 50	100	17 7	35(L=50)	5256	7.9	3.6 - 6.4	50
SPE-M12-H	M12	1.75	20 25 30 35 40 45 50 70	100	19 8	Full Thread	7650	13.64	5.4 - 13	1
SPE-M12-H(50)	M12	1.75	20 25 30 35 40 45 50 70	100	19 8	Full Thread	7650	13.64	5.4 - 13	50

*1: If the "L" value is not in parentheses, the screw is full thread.

*2: 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-M5-20-H



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	Please feel free to contact us