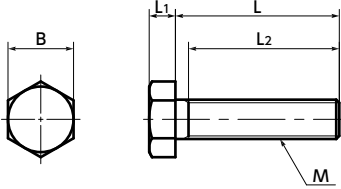




SPE-H Plastic Screw - Hex Head Screws - PEEK

WEB Selection Tool WEB CAD Download Chemical-proof



● **Material/Finish**



	SPE-H
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	L	L2*1	Tension*2 Rupture Load (N)	Torsional*2 Torque (N·m)	Mass (g)
SPE-M4-H	M4	8	10	765	0.64	0.26 - 0.48
SPE-M5-H	M5		10	1230	1.28	0.46 - 0.88
SPE-M6-H	M6		10	1670	2.26	0.75 - 1.6
SPE-M8-H	M8		10	3090	5.98	1.6 - 4.1
SPE-M8-H	M8			3090	5.98	1.6 - 4.1
SPE-M10-H	M10			4900	10.8	4 - 4.8

*1 If the "L" value is other than the value in parentheses, the screw is full thread.

*2 Values in chart are for reference only. They are not guaranteed values. The recommendation torque is 50% of the torsional torque.

● The M4 has a slot in its head.

Part Number	Qty per pack*1
SPE-M4-H	10
SPE-M5-H	10
SPE-M6-H	10
SPE-M8-H	5
SPE-M10-H	1

*1 The minimum order quantity is 1 piece. → P.794

● **Related Products**

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



● **Part number specification**

SPE - M5 - 20 - H

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

Order in number of packs.
The minimum order quantity is 1 piece. → P.794

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
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us

Special Screws
Vacuum Application
Low Profile
Small Head
Performance S5
High
Titanium
Special Material
Chemical Resistance
Special Surface Treatment
Miniature
Captive / Full Thread
Functional
Inch
Tamper Resistance
Hexalobular Socket Head
Plugs
Plastic
Washers / Lock NUTS