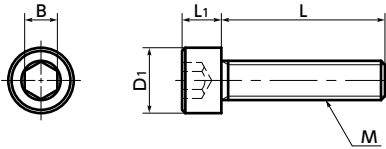


SPEG-C Plastic Screws - Hex Socket Head Cap Screws - PEEK GF30 NEW



WEB Selection Tool
 WEB CAD Download
 Heat-resistance
 Chemical-proof
 High strength



● Material/Finish

RoHS2 Compliant

	SPEG-C
Main Body	PEEK GF30 (PEEK Containing Glass Fiber) (Light Brown) (Glass Fiber 30%)
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.

● Knurling on the head of **SPEG-C** has been eliminated in order to distinguish it from PEEK hex socket head cap screw **SPE-C** that contains no glass fiber.

SPEG-C

SPE-C



Precautions for Use

Because a cumulative pitch difference is created when PEEK screws are manufactured, use a 20 mm or less fit with female thread.

- Hex socket head cap screws made of PEEK containing glass fiber for increased strength. The tensile strength of the material is approximately 1.7 times that of ordinary PEEK.
- 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.
- The properties and precautions of plastic screws → P.xxxx
- 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 / Chemical pumps

Unit : mm

Part Number	M (Coarse)		L										D1	L1	B	Tension Rupture Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)			
	Nominal	Pitch	6	8	10	12	15	20	25	30	30	35							40	45	50
SPEG-M3-C	M3	0.5	6	8	10	12	15	20	25	30	30	35	40	45	50	5.5	3	2.5	532	0.27	0.14 - 0.29
SPEG-M4-C	M4	0.7	6	8	10	12	15	20	25	30	30	35	40	45	50	7	4	3	909	0.64	0.29 - 0.70
SPEG-M5-C	M5	0.8	6	8	10	12	15	20	25	30	30	35	40	45	50	8.5	5	4	1756	1.45	0.44 - 1.01

*1: Values in chart are for reference only. They are not guaranteed values. The recommended tightening torque is 50% of the torsional torque.

Part Number	Qty per Pack
SPEG-M3-C	10
SPEG-M4-C	10
SPEG-M5-C	10

*1: When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service. → P.xxxx

● Related Products

PEEK hex socket head cap screws **SPE-C** are available. → P.xxxx



● Part number specification

SPEG-M3-10-C

Order in number of packs. Also sold separately from 1 piece up. → P.xxxx

Individual Sales → P.xxxx	Cleanroom Wash & Packaging → P.xxxxx	Screw Length Adjustment → P.xxxxx	Vibration Resistant → P.xxxxx	Modification process for captive use → P.xxxxx
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us