

SPEG-C(INCH)

Plastic Screws - Hex Socket Head Cap Screws - Inch Thread - PEEK GF30

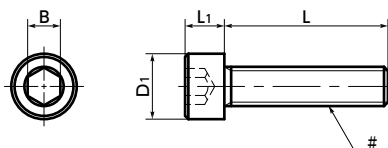
NEW

WEB Selection Tool

WEB CAD Download

Chemical-proof

High strength

**• 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

• Material/Finish

RoHS2 Compliant

	SPEG-C(INCH)
Main Body	PEEK GF30 (PEEK Containing Glass Fiber) (Light Brown) (Glass Fiber 30%)
Heat Resistance Temperature*1	180°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 (approx. 0.79") or less fit with female thread.

- Hex head screws made of PEEK containing 30% glass fiber. The tensile strength is approximately 1.7 times that of ordinary PEEK.
- Inch screw type.
- 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.
- Plastic screw properties and precautions for use
➔ P.xxxx

Unit : inch

Part Number	#Nominal of Thread	L	D1	L1	B	Tension Rupture Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)
SPEG-#4-40-C	No.4-40UNC	1 / 4 5 / 16 3 / 8 1 / 2 5 / 8 3 / 4 7 / 8 1	0.183	0.112	3 / 32	476	0.23	0.091 - 0.19
SPEG-#6-32-C	No.6-32UNC	1 / 4 5 / 16 3 / 8 1 / 2 5 / 8 3 / 4 7 / 8 1	0.226	0.138	7 / 64	662	0.43	0.19 - 0.69

*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	per Pack Qty
SPEG-#4-40-C	10
SPEG-#6-32-C	10

• Related Products

PEEK hex nuts (inch thread)
SPE-N(INCH) are available.

➔ P.xxxx

**• Part number specification****SPEG-#4-40-1/4-C**

1 2 1

Order in number of packs.

The minimum order quantity is 1 piece. ➔ P.xxxx

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