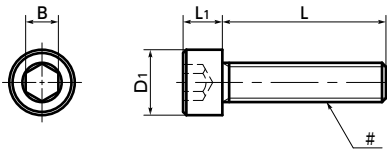


SPEG-C(INCH) Plastic Screws - Hex Socket Head Cap Screws - Inch Thread - PEEK GF30

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 | 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 (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 | 434 | 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 | 644 | 0.44 | 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

| | | | | |
|---------------------------|-------------------------------------|----------------------------------|------------------------------|---|
| 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 |