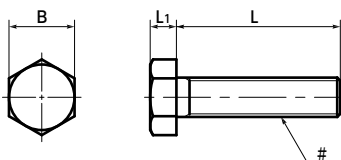


SPE-H(INCH)

Plastic Screws - Hex Head Screws - Inch Thread - PEEK



Heat-resistance
 Chemical-proof



● Material/Finish



| | SPE-H(INCH) |
|-------------------------------|--------------------|
| Main Body | PEEK / 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 (approx. 0.79") or less fit with female thread.

- 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

● 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 : inch

| Part Number | #Nominal of Thread | L | B | L1 | Tension Rupture Load*1 (N) | Torsional Torque*1 (N·m) | Mass (g) | Qty per Pack |
|-------------------------------|--------------------|---------|-------|---------|----------------------------|--------------------------|----------|--------------|
| SPE-1 / 4-20-3 / 8-H | 1/4-20UNC | 3/8 | 0.438 | 11 / 64 | 1742 | 2.04 | 0.84 | 10 |
| SPE-1 / 4-20-1 / 2-H | 1/4-20UNC | 1/2 | 0.438 | 11 / 64 | 1742 | 2.04 | 0.93 | 10 |
| SPE-1 / 4-20-5 / 8-H | 1/4-20UNC | 5/8 | 0.438 | 11 / 64 | 1742 | 2.04 | 1 | 10 |
| SPE-1 / 4-20-3 / 4-H | 1/4-20UNC | 3/4 | 0.438 | 11 / 64 | 1742 | 2.04 | 1.1 | 10 |
| SPE-1 / 4-20-7 / 8-H | 1/4-20UNC | 7/8 | 0.438 | 11 / 64 | 1742 | 2.04 | 1.2 | 10 |
| SPE-1 / 4-20-1-H | 1/4-20UNC | 1 | 0.438 | 11 / 64 | 1742 | 2.04 | 1.3 | 10 |
| SPE-1 / 4-20-1 1 / 4-H | 1/4-20UNC | 1 - 1/4 | 0.438 | 11 / 64 | 1742 | 2.04 | 1.4 | 10 |

*1: 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 (inch thread)
SPE-N(INCH) are available.



● Part number specification

SPE-1/4-20-3/8-H

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