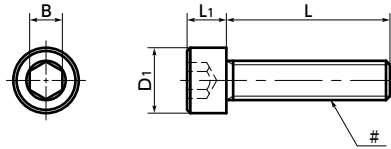


SPE-C(INCH) Plastic Inch Socket Head Cap Screws - PEEK

Heat-resistance Chemical-proof Electrical Insulation



● Material/Finish



SPE-C(INCH)	
Main Body	PEEK (Polyether Ether Ketone) (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.

- PEEK hex socket head cap screws.
- 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.
- For the properties and precautions for use of plastic screws, see "Properties of Plastic Screws."

● Application

FPD production equipment / Semiconductor manufacturing equipment / 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	D1	L1	B	Tension Rupture Load*1 (N)	Torsional Torque*1 (N·m)	Mass (g)	Qty per Pack	L (inch)													
									3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 - 1/4	1 - 1/2		
SPE-#2-56-C	No.2-56UNC	0.140	0.086	5 / 64	181	0.10	0.050 - 0.071	10	●	●	●	●										
SPE-#2-56-C(100)	No.2-56UNC	0.140	0.086	5 / 64	181	0.10	0.050 - 0.071	100	●	●	●	●										
SPE-#4-40-C	No.4-40UNC	0.183	0.112	3 / 32	306	0.19	0.06 - 0.26	10	●	●	●	●		●	●	●	●	●	●			
SPE-#4-40-C(100)	No.4-40UNC	0.183	0.112	3 / 32	306	0.19	0.06 - 0.26	100	●	●	●	●		●	●	●	●	●	●			
SPE-#6-32-C	No.6-32UNC	0.226	0.138	7 / 64	459	0.33	0.11 - 0.3	10		●	●	●	●	●	●	●	●	●	●			
SPE-#6-32-C(100)	No.6-32UNC	0.226	0.138	7 / 64	459	0.33	0.11 - 0.3	100		●	●	●	●	●	●	●	●	●	●			
SPE-#8-32-C	No.8-32UNC	0.27	0.164	9 / 64	746	0.61	0.21 - 0.4	10		●	●	●		●	●	●	●	●	●			
SPE-#8-32-C(100)	No.8-32UNC	0.27	0.164	9 / 64	746	0.61	0.21 - 0.4	100		●	●	●		●	●	●	●	●	●			
SPE-#10-24-C	No.10-24UNC	0.312	0.19	5 / 32	919	0.84	0.33 - 0.46	10				●		●	●	●	●	●	●			
SPE-#10-24-C(100)	No.10-24UNC	0.312	0.19	5 / 32	919	0.84	0.33 - 0.46	100				●		●	●	●	●	●	●			
SPE-#10-32-C	No.10-32UNF	0.312	0.19	5 / 32	1090	0.95	0.46 - 0.68	10				●		●	●	●	●	●	●			
SPE-#10-32-C(100)	No.10-32UNF	0.312	0.19	5 / 32	1090	0.95	0.46 - 0.68	100				●		●	●	●	●	●	●			
SPE-1 / 4-20-C	1/4-20UNC	0.375	0.25	3 / 16	1742	2.04	0.58 - 1.3	10				●		●	●	●	●	●	●	●	●	●
SPE-1 / 4-20-C(100)	1/4-20UNC	0.375	0.25	3 / 16	1742	2.04	0.58 - 1.1	100				●		●	●	●	●	●	●	●	●	●
SPE-1 / 4-20-C(50)	1/4-20UNC	0.375	0.25	3 / 16	1742	2.04	1.3	50				●		●	●	●	●	●	●	●	●	●
SPE-5 / 16-18-C	5/16-18UNC	0.469	0.3125	1 / 4	2915	3.8	2 - 3.6	10						●	●	●	●	●	●	●	●	●
SPE-5 / 16-18-C(50)	5/16-18UNC	0.469	0.3125	1 / 4	2915	3.8	2 - 3.6	50						●	●	●	●	●	●	●	●	●
SPE-3 / 8-16-C	3/8-16UNC	0.562	0.375	5 / 16	4424	6.35	3.2 - 5.5	10						●	●	●	●	●	●	●	●	●
SPE-3 / 8-16-C(50)	3/8-16UNC	0.562	0.375	5 / 16	4424	6.35	3.2 - 5.5	50						●	●	●	●	●	●	●	●	●

*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.

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

Part Number	L (inch)											
	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 - 1/4	1 - 1/2
SPE-#2-56-C	●	●	●	●								
SPE-#2-56-C(100)	●	●	●	●								
SPE-#4-40-C	●	●	●	●		●	●	●	●	●		
SPE-#4-40-C(100)	●	●	●	●		●	●	●	●	●		
SPE-#6-32-C		●	●	●	●	●	●	●	●	●		
SPE-#6-32-C(100)		●	●	●	●	●	●	●	●	●		
SPE-#8-32-C		●	●	●		●	●	●	●	●		
SPE-#8-32-C(100)		●	●	●		●	●	●	●	●		
SPE-#10-24-C				●		●	●	●	●	●		
SPE-#10-24-C(100)				●		●	●	●	●	●		
SPE-#10-32-C				●		●	●	●	●	●		
SPE-#10-32-C(100)				●		●	●	●	●	●		
SPE-1 / 4-20-C				●		●	●	●	●	●	●	●
SPE-1 / 4-20-C(100)				●		●	●	●	●	●	●	●
SPE-1 / 4-20-C(50)				●		●	●	●	●	●	●	●
SPE-5 / 16-18-C						●	●	●	●	●	●	●
SPE-5 / 16-18-C(50)						●	●	●	●	●	●	●
SPE-3 / 8-16-C						●	●	●	●	●	●	●
SPE-3 / 8-16-C(50)						●	●	●	●	●	●	●

● Related Products

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



● Part Number Specification

SPE-#4-40-1/4-C

