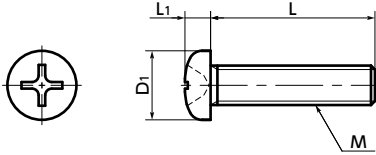


# SPE-P Plastic Screws - Cross Recessed Pan Head Machine Screws - PEEK



Heat-resistance Chemical-proof



● Material/Finish



SPE-P	
Main body	PEEK (Polyether Ether Ketone) (Light Brown)
Heat Resistance Temperature*1	260°C

\*1: This is the value for the plastic material. The maximum 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 or less fit with female thread.

- PEEK is a thermoplastic super-engineering plastic with excellent physical and chemical properties.
- These screws have excellent chemical resistance. They are mostly unaffected by chemicals excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid.
- These screws have excellent heat resistance, water resistance, and high heat resistance strength.
- These screws have excellent abrasion, shock, and fatigue resistance.
- They have high incombustibility that meets V-0 of UL 94.
- 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 <b>2</b>																D1	L1	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)	Qty per pack
	Nominal of Thread <b>1</b>	Pitch	4	5	6	8	10	12	15	16	20	25	30	35	40	45	50								
<b>SPE-M1.7-P</b>	M1.7	0.35	4															2.5	0.5	0	81	0.038	0.0088	20	
<b>SPE-M2-P</b>	M2	0.4	4	5	6	8	10	12										3.5	1.3	1	165	0.071	0.023 -0.048	20	
<b>SPE-M2.6-P</b>	M2.6	0.45	4	5	6	8	10	12										4.5	1.7	1	291	0.15	0.044 -0.087	20	
<b>SPE-M3-P</b>	M3	0.5	4	5	6	8	10	12	15	16	20	25						5.5	2	2	405	0.21	0.066 -0.22	20	
<b>SPE-M4-P</b>	M4	0.7		5	6	8	10	12	15	16	20	25	30					7	2.6	2	738	0.47	0.15 -0.48	20	
<b>SPE-M5-P</b>	M5	0.8			6	8	10	12	15	16	20	25	30	9	3.3	2				1234	0.96	0.33 -0.8	10		
<b>SPE-M6-P</b>	M6	1					10	12	15	20	25	30	10.5	3.9	3					1749	1.64	0.65 -1.2	10		
<b>SPE-M8-P</b>	M8	1.25						12	15	20	25	30	14	5.2	3					3261	3.68	1.6 -2.8	5		

\*1: Values in chart are for reference only. They are not guaranteed values. The recommendation 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

**SPE-N** Plastic Hexagon Nut (PEEK) is available.



● Part number specification

## SPE-M5-20-P

Product Code	<b>1</b>	<b>2</b>	Product Code
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<b>1</b> Individual Sales → P.xxxx	<b>2</b> Cleanroom Wash & Packaging → P.xxxx	<b>3</b> Screw Length Adjustment → P.xxxx	<b>4</b> Vibration Resistant → P.xxxx	<b>5</b> Modification process for captive use → P.xxxx
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Not Available