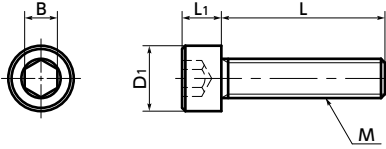


SPD-C Plastic Screw - Socket Head Cap Screws - VESPEL (Grade : SP - 1)



[WEB Selection Tool](#)
[WEB CAD Download](#)
[Cleanroom wash & packaging](#)
[Heat-resistance](#)
[Chemical-proof](#)



● Material/Finish



	SPD-C
Main body	VESPEL SP-1 (Non-thermoplastic Polyimide Resin)
Heat Resistance Temperature*	288°C

- VESPEL is a registered trademark of DuPont.
- *This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

- VESPEL SP-1 is a non-thermoplastic super-engineering plastic with excellent physical and chemical properties.
- Properties of VESPEL SP-1 → P.727
- It does not reach a softening point, such as its melting point or glass transition point, even under high temperatures and can be used continually at 288 deg C.
- The screws have excellent chemical resistance, plasma resistance, radiation hardness, and abrasion resistance.
- Thanks to the powder compression molding method, no bubbles blend in and outgas quantity is extremely low. → P.727

● 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, and chemical pumps

Unit : mm

Part Number	M		L								D1	L1	B	Torsional*1 Torque (N·m)	Mass (g)	
	1	2	6	8	10	12	16	20	25	30						40
SPD-M3-C	M3	6	8	10	12	16						5.5	3	2.5	0.12	0.13 - 0.21
SPD-M4-C	M4	6	8	10	12	16	20	25				7	4	3	0.27	0.28 - 0.58
SPD-M5-C	M5		8	10	12	16	20	25	30			8.5	5	4	0.54	0.45 - 1
SPD-M6-C	M6			10	12	16	20	25	30	40		10	6	5	0.95	0.86 - 2
SPD-M8-C	M8			10	12	16	20	25	30	40		13	8	6	2.26	1.9 - 3.8

*1 Values in chart are for reference only. They are not guaranteed values. The recommendation torque is 50% of the torsional torque.

Part Number	Qty per pack
SPD-M3-C	1
SPD-M4-C	1
SPD-M5-C	1
SPD-M6-C	1
SPD-M8-C	1

● Related Products

[SPDC-C] High-grade VESPEL Socket Head Screw (Grade : SCP-5000), which has a continuous duty temperature of 350 deg C is available.

→ P.730



● Part number specification

SPD - M5 - 20 - C

Product Code **1** **2** Product Code

1 Individual Sales → P.794	Cleanroom Wash & Packaging → P.792	Screw Length Adjustment → P.796	Vibration Resistant → P.795	Modification process for captive use → P.791
1 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us