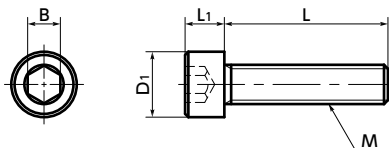


SPD-C Plastic Screws - Hex Socket Head Cap Screws - VESPEL (Grade: SP - 1)



Heat-resistance Chemical-proof



● 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

● Material/Finish



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

● VESPEL is a registered trademark of DuPont.

*1: This is the value for the resin material. The 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.xxxx
- 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°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.xxxx
- Cleanroom wash and cleanroom packing are completed. → P.xxxx

Unit : mm

Part Number	M (Coarse) 1	Pitch	L 2												D1	L1	B	Torsional*1 Torque (N·m)	Mass (g)
	Nominal of Thread		6	8	10	12	16	20	25	30	40	10	12	16					
SPD-M3-C	M3	0.5	6	8	10	12	16							5.5	3	2.5	0.12	0.13 - 0.21	
SPD-M4-C	M4	0.7	6	8	10	12	16	20	25					7	4	3	0.27	0.28 - 0.58	
SPD-M5-C	M5	0.8		8	10	12	16	20	25	30				8.5	5	4	0.54	0.45 - 1	
SPD-M6-C	M6	1			10	12	16	20	25	30	40			10	6	5	0.95	0.86 - 2	
SPD-M8-C	M8	1.25			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 specification

SPD - M5 - 20 - C

Product Code 1 2 Product Code

Batch cleanroom packing is provided for orders containing multiple items of the same size.

1 Individual Sales → P.xxxx	1 Cleanroom Wash & Packaging → P.xxxx	1 Screw Length Adjustment → P.xxxx	1 Vibration Resistant → P.xxxx	1 Modification process for captive use → P.xxxx
1 piece in 1 pack	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us