



● 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



	SPDC-C
Main Body	VESPEL SCP-5000 (Non-thermoplastic Polyimide Resin)
Heat Resistance Temperature*1	350°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 SCP-5000 is a non-thermoplastic super-engineering plastic with excellent physical and chemical properties.
- Properties of VESPEL SCP-5000 ➡ P.xxxx
- This material maintains high strength and flexibility even under high temperatures and does not soften up to 350°C. Due to its stable and long-term heat resistance, it has a continuous duty temperature of 350°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		L 2										D1	L1	B	Torsional*1 Torque (N·m)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	16	20	25	30	40	50					
SPDC-M3-C	M3	0.5	6	8	10	12	16						5.5	3	2.5	0.21	0.13 - 0.21
SPDC-M4-C	M4	0.7	6	8	10	12	16	20	25				7	4	3	0.47	0.28 - 0.58
SPDC-M5-C	M5	0.8		8	10	12	16	20	25	30			8.5	5	4	0.98	0.45 - 1
SPDC-M6-C	M6	1			10	12	16	20	25	30	40	10	6	5		1.65	0.86 - 2
SPDC-M8-C	M8	1.25			10	12	16	20	25	30	40	13	8	6		4.04	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

SPDC - M5 - 20 - C

Product Code



Product Code

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

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
1 piece in 1 pack	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us