



### ● 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-H
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) <span style="color:red">1</span>	Pitch	L <span style="color:red">2</span>										B	L1	Torsional*1 Torque (N·m)	Mass (g)
	Nominal of Thread		6	8	10	12	16	20	25	30	40	50	60	70	80	90
SPDC-M3-H	M3	0.5	6	8	10	12	16						5.5	2	0.21	0.12 - 0.21
SPDC-M4-H	M4	0.7	6	8	10	12	16	20	25				7	2.8	0.47	0.25 - 0.53
SPDC-M5-H	M5	0.8		8	10	12	16	20	25	30			8	3.5	0.98	0.46 - 0.97
SPDC-M6-H	M6	1			10	12	16	20	25	30	40		10	4	1.65	0.82 - 1.8
SPDC-M8-H	M8	1.25			10	12	16	20	25	30	40	50	13	5.3	4.04	1.7 - 3.5

\*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 - H

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