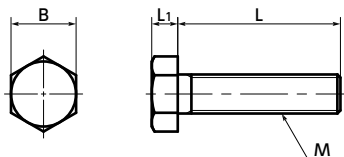


# SPD-H Plastic Screws - Hex Head Screws - VESPEL (Grade: SP - 1)



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-H	
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) <span style="color:red">1</span>		L <span style="color:red">2</span>								B	L1	Torsional*1 Torque (N·m)	Mass (g)	
	Nominal of Thread	Pitch													
<b>SPD-M3-H</b>	M3	0.5	6	8	10	12	16					5.5	2	0.12	0.12 - 0.21
<b>SPD-M4-H</b>	M4	0.7	6	8	10	12	16	20	25			7	2.8	0.27	0.25 - 0.53
<b>SPD-M5-H</b>	M5	0.8		8	10	12	16	20	25	30		8	3.5	0.54	0.46 - 0.97
<b>SPD-M6-H</b>	M6	1			10	12	16	20	25	30	40	10	4	0.95	0.82 - 1.8
<b>SPD-M8-H</b>	M8	1.25			10	12	16	20	25	30	40	13	5.3	2.26	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

### SPD - M5 - 20 - H

Product Code 1 2 Product Code

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

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