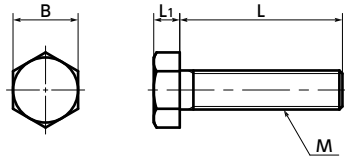


# SPV-H1 Plastic Hex Head Screws - PVDF

Chemical-proof



- PVDF hex head bolts.
- PVDF has excellent chemical resistance against strong acids and organic solvents as well as halogen compounds such as chlorine and bromine.
- It can be used in atmospheres in which metal and PVC (polyvinyl chloride) cannot be used.
- Allowable operating temperature\*1 (min./max.): -40°C/150°C
- Its tensile strength equals or exceeds that of PVC, and its impact strength is 3 times that of PVC.
- It is self-extinguishing and has excellent incombustibility.
- For the properties and precautions for use of plastic screws, see "Properties of Plastic Screws."

• Application

FPD production equipment / Semiconductor manufacturing equipment / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants / Food machinery

• Material/Finish



	SPV-H1
Main Body	PVDF (Polyvinylidene Fluoride) (Milky White)
Heat Resistance Temperature*1	150°C

\*1 : This is the value for the resin material. The operating temperature of the product changes with performance conditions such as tightening torque.



Unit : mm

Part Number <span style="color:red">◀1</span>	M (Coarse)		L <span style="color:red">◀2</span>								B	L1	Torsional Torque*1 (N·m)	Mass (g)	Qty per Pack	
	Nominal of Thread	Pitch	10	12	15	16	20	25	30	35						40
SPV-M4-H1	M4	0.7	10		15		20	25				7	2.8	0.26	0.39 - 0.71	20
SPV-M4-H1(100)	M4	0.7	10		15		20	25				7	2.8	0.26	0.39 - 0.71	100
SPV-M5-H1	M5	0.8	10	12	15		20	25	30	35		8	3.5	0.44	0.64 - 1.5	20
SPV-M5-H1(100)	M5	0.8	10	12	15		20	25	30	35		8	3.5	0.44	0.64 - 1.5	100
SPV-M6-H1	M6	1	10	12	15	16	20	25	30	35	40	10	4	0.81	1 - 2.5	10
SPV-M6-H1(100)	M6	1	10	12	15	16	20	25	30	35	40	10	4	0.81	1 - 2.5	100
SPV-M8-H1	M8	1.25	10	12	15		20	25	30	35	40	13	5.5	1.56	2.2 - 4.7	10
SPV-M8-H1(100)	M8	1.25	10	12	15		20	25	30	35	40	13	5.5	1.56	2.2 - 4.7	100
SPV-M10-H1	M10	1.5			15		20	25	30	35	40	17	7	3.16	4.9 - 8.2	10
SPV-M10-H1(50)	M10	1.5			15		20	25	30	35	40	17	7	3.16	4.9 - 8.2	50
SPV-M12-H1	M12	1.75					20	25	30	35	40	19	8	5.73	7.9 - 12	10
SPV-M12-H1(50)	M12	1.75					20	25	30	35	40	19	8	5.73	7.9 - 12	50

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

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

• Part Number Specification

**SPV-M5-15-H1**



Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us