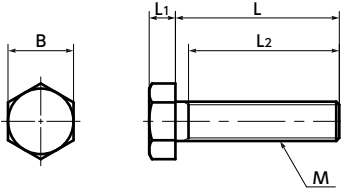


SPA-H Plastic Screw - Hex Head Screws - RENY Additional Size



WEB Selection Tool WEB CAD Download High strength



● Material/Finish

RoHS2 Compliant

SPA-H	
Main body	RENY*1 (50% Glass Fiber Reinforced Polyamide MXD6) (Ivory)
Heat Resistance Temperature*2	105°C

- *1: RENY is a registered trademark of Mitsubishi Engineering-Plastics Corporation.
- *2: This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

- RENY is a thermoplastic super-engineering plastic with excellent tensile and flexural strength.
- Screws have excellent fatigue resistance, cleanliness, and thermal insulation.
- While it is nearly as strong as metal, its weight is approximately 1/5 of iron.
- The properties and precautions of plastic screws
➔ P.xxxx
- Application

Electrical and electronic equipment / Insulation and dew condensation prevention for refrigerators and freezers / Aquatic applications / Electrochemical plating / Lightweight applications in automobiles, aircrafts, and spacecrafts

Unit : mm

Part Number	M (Coarse)		L ❷										B	L1	L2*1	Tension*2 Rupture Load (N)	Torsional*2 Torque (N·m)	Mass (g)							
	Nominal of Thread ❶	Pitch	8	10	12	15	20	25	30	35	40	45							50	55	60	70	80	100	150
SPA-M5-H	M5	0.8	8	10	12	15	20	25	30											8	3.5	Full Thread	2407	1.65	0.54 - 1.1
SPA-M6-H	M6	1		10	12	15	20	25	30	35	40									10	4	Full Thread	3106	2.74	0.95 - 2.1
SPA-M8-H	M8	1.25		10	12	15	20	25	30	35	40	50								13	5.5	27(L=50)	5335	6.22	1.9 - 4.8
SPA-M10-H	M10	1.5			12	15	20	25	30	35	40	50								17	7	25(L=50)	7646	11.39	4.1 - 8.3
SPA-M12-H	M12	1.75				20	25	30		40	45	50	60	70						19	8	Full Thread	7511	15.93	7.2 - 17
SPA-M16-H	M16	2										50	55	60	70	80	100	150	24	13	50	19987	38.9	24 - 57	

- *1: If the "L" value is other than the value in parentheses, the screw is full thread.
- *2: Values in chart are for reference only. They are not guaranteed values. The recommendation torque is 50% of the torsional torque.

Part Number	Qty per pack*1
SPA-M5-H	20
SPA-M6-H	10
SPA-M8-H	10
SPA-M10-H	5
SPA-M12-H	1
SPA-M16-H	1

*1: Also sold separately from 1 piece up. ➔ P.xxxx

● Part number specification

SPA - M5 - 30 - H

Product Code ❶ ❷ Product Code

Order in number of packs.
Also sold separately from 1 piece up. ➔ P.xxxx

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
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Not Available