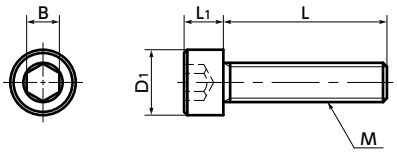
SPA-C Plastic Screw - Hex Socket Head Cap Screws - RENY

High strength



● Material/Finish

RoHS

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

*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, creep resistance, 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 2										D1	L1	B	Tension*1 Rupture Load (N)	Torsional*1 Torque (N・m)	Mass (g)	Qty per pack
	Nominal of Thread 1	Pitch																	
SPA-M3-C	M3	0.5	6	8	10	12	15	20					5.5	3	2.5	853	0.36	0.15 - 0.29	20
SPA-M4-C	M4	0.7	6	8	10	12	15	20	25			40	7	4	3	1499	0.85	0.32 - 0.88	20
SPA-M5-C	M5	0.8		8	10	12	15	20	25	30	35		8.5	5	4	2407	1.65	0.52 - 1.3	20
SPA-M6-C	M6	1			10	12	15	20	25	30	35	40	10	6	5	3106	2.74	1 - 2.3	10
SPA-M8-C	M8	1.25			10	12	15	20	25	30	35	40	13	8	6	5335	6.22	2.2 - 4.4	10
SPA-M10-C	M10	1.5					15	20	25	30	35	40	16	10	8	7646	11.39	4.3 - 7	5
SPA-M12-C	M12	1.75						20	25	30	35	40	18	12	10	7511	15.93	6.8 - 9.8	5

*1 : Values in chart are for reference only. They are not guaranteed values. The recommendation 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

SPA - M5 - 30 - C

Product Code | 1 | 2 | Product Code

1 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