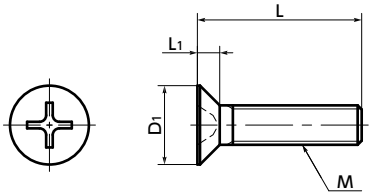
SPA-F Plastic Screw RENY / Phillips Cross Recessed Flat Head Machine Screws

High strength



● Material/Finish

RoHS

	SPA-F
Main body	RENY*1 (50% Glass Fiber Reinforced Polyamide MXD6) (Ivory)
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	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Torsional*1 Torque (N・m)	Mass (g)	Qty per pack
	Nominal of Thread 1	Pitch																		
SPA-M2-F	M2	0.4			6	8	10							4	1.2	1	350	0.101	0.038 - 0.053	50
SPA-M2.6-F	M2.6	0.45	4		6	8	10	12						5.2	1.5	1	611	0.22	0.043 - 0.094	50
SPA-M3-F	M3	0.5		5	6	8	10	12	15	20	25			6	1.75	2	853	0.36	0.1 - 0.25	50
SPA-M4-F	M4	0.7			6	8	10	12	15	20	25			8	2.3	2	1499	0.85	0.22 - 0.52	50
SPA-M5-F	M5	0.8					10	12	15	20	25			10	2.8	2	2407	1.65	0.52 - 0.86	20
SPA-M6-F	M6	1					10	12	15	20	25	30		12	3.4	3	3106	2.74	0.83 - 1.6	20
SPA-M8-F	M8	1.25							15	20	25	30		16	4.4	3	5335	6.22	2.1 - 3.1	10

*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 - 20 - F

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