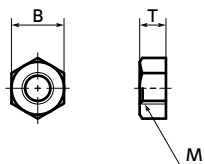
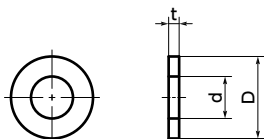


**SPA-N/SPA-W** Plastic Screw - Hex Nuts / Washers - RENEY

WEB Selection Tool WEB CAD Download High strength

SPA-N**SPA-W**

● Material/Finish

RoHS Compliant

	SPA-N / SPA-W
Main body	RENEY* (50% Glass Fiber Reinforced Polyamide MXD6) /Ivory
Heat Resistance Temperature**	105°C

*RENEY is a registered trademark of Mitsubishi Engineering-Plastics Corporation.

**This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

SPA-N Hex Nuts

Unit : mm

Part Number	M	B	T	Mass (g)	Qty per pack*1
SPA-M2-N	M2	4	1.6	0.027	50
SPA-M2.6-N	M2.6	5	2	0.05	50
SPA-M3-N	M3	5.5	2.4	0.072	50
SPA-M4-N	M4	7	3.2	0.17	50
SPA-M5-N	M5	8	4	0.25	20
SPA-M6-N	M6	10	5	0.51	20
SPA-M8-N	M8	13	6.5	1.1	20
SPA-M10-N	M10	17	8	2.4	10
SPA-M12-N	M12	19	10	3.5	10
SPA-M16-N	M16	24	18	8.9	5

*1 The minimum order quantity is 1 piece. → P.794

SPA-W Washers

Unit : mm

Part Number	d	D	t	Nominal	Mass (g)	Qty per pack*1
SPA-3-W	3.2	7	0.5	3	0.025	50
SPA-4-W	4.3	9	0.8	4	0.065	50
SPA-5-W	5.3	10	1	5	0.093	50
SPA-6-W	6.4	12.5	1.6	6	0.24	20
SPA-8-W	8.4	17	1.6	8	0.45	20
SPA-10-W	10.5	21	2	10	0.86	20
SPA-12-W	13	24	2.5	12	1.3	20
SPA-16-W	17	30	3	16	2.4	10

*1 The minimum order quantity is 1 piece. → P.794

- RENEY is a thermoplastic super-engineering plastic with excellent tensile and flexural strength.
- Screws have excellent fatigue resistance, cleanliness, and thermal insulation.
- It has a hardness level near that of metal but its mass is 1/5th that of iron.
- The properties and precautions of plastic screws → P.724

● 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

● Part number specification

SPA-M5-N

Order in number of packs.

The minimum order quantity is 1 piece. → P.794

Individual Sales → P.794	Cleanroom Wash & Packaging → P.792	Screw Length Adjustment → P.796	Vibration Resistant → P.795	Modification process for captive use → P.791
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Not Available