

# SPS-N/SPS-W Plastic Screw - Hex Nuts / Washers - PPS



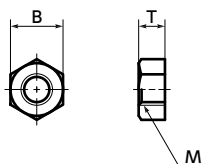
WEB Selection Tool

WEB CAD Download

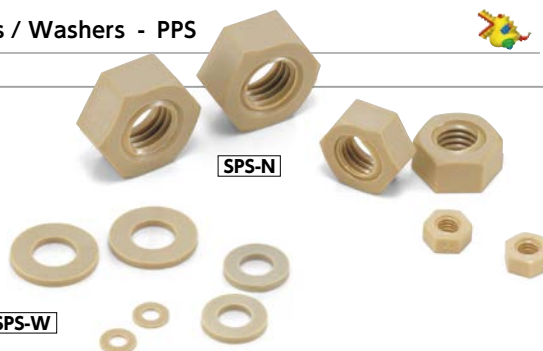
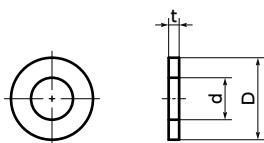
Heat-resistance

Chemical-proof

## SPS-N



## SPS-W



### ● Material/Finish

RoHS2 Compliant

	SPS-N / SPS-W
Main body	PPS (Polyphenylene Sulfide) / Bright Light Brown Glass Fiber 40%
Heat Resistance Temperature*1	200°C

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

- PPS has excellent heat resistance and chemical resistance and continuous duty temperature of 200°C. Under 200°C, no oils, fats, or organic solvents dissolve PPS.
- It has high strength, high rigidity, and high heat resistance strength.
- It has high incombustibility that meets V-0 of UL 94.
- The properties and precautions of plastic screws → P.xxxx
- Application

FPD production equipment, semiconductor devices, printed circuit board etching devices, metallic surface treatment equipment and facilities, chemical plants, transformers, electrical and electronic equipment, hot water pumps, and chemical pumps

### SPS-N Hex Nuts

Unit : mm

Part Number ◀1	M (Coarse)		B	T	Mass (g)	Qty per pack*1
	Nominal of Thread	Pitch				
SPS-M2-N	M2	0.4	4	1.6	0.026	20
SPS-M2.6-N	M2.6	0.45	5	2	0.05	20
SPS-M3-N	M3	0.5	5.5	2.4	0.07	20
SPS-M4-N	M4	0.7	7	3.2	0.17	20
SPS-M5-N	M5	0.8	8	4	0.25	20
SPS-M6-N	M6	1	10	5	0.52	10
SPS-M8-N	M8	1.25	13	6.5	1.2	10
SPS-M10-N	M10	1.5	17	8	2.4	5
SPS-M12-N	M12	1.75	19	10	3.5	5

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

### SPS-W Washers

Unit : mm

Part Number ◀1	d	D	t	Nominal	Mass (g)	Qty per pack*1
SPS-3-W	3.2	7	0.5	3	0.025	20
SPS-4-W	4.3	9	0.8	4	0.065	20
SPS-5-W	5.3	10	1	5	0.094	20
SPS-6-W	6.4	12.5	1.6	6	0.24	10
SPS-8-W	8.4	17	1.6	8	0.46	10
SPS-10-W	10.5	21	2	10	0.86	5
SPS-12-W	13	24	2.5	12	1.3	5

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

### ● Part number specification

## SPS-M5-N

◀1

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