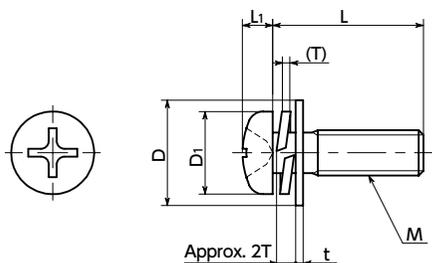


# SNPI3-SUC Phillips Pan Head Screws with Washers for Sheet Metal (SEMS)



Protrusion Easy operation



● Material/Finish



	SNPI3-SUC
Screw Body	SWCH10R Trivalent Chromate Treatment
Screw Body Strength Class	4.8
Plain Washer	SWRH62 Trivalent Chromate Treatment
Spring Washer	SPCC Trivalent Chromate Treatment

- Steel Phillips cross recessed pan head machine screws with captive washers for sheet metal.
- Former JIS-standard plain washers and spring washers are integrated into the screws, preventing concerns about fallout issues. (Washer abbreviation: P=3)
- For screws with captive washers, see “What are screws with captive washers (SEMS screws)?” .
- Compared to normal screws with captive washers, they enable fastening of sheet metal with a shorter incomplete thread part. Plates less than half the conventional thickness can be fastened with screws with captive washers.\*1

\*1: For the plate thickness that can be fastened, see “Fastenable Plate Thickness” in the Dimensions table.

- For space-saving of equipment/devices and applications with limited overhead space.
- Bolts for sheet metal are also available with special specifications such as dimensions, material, head shape, and so on. Please contact our customer service.

● Application

Exterior panels/ Semiconductor manufacturing equipment / Equipment and device structures / Offshore instruments / General industrial machines  
Reducing the size of equipment and devices

Unit : mm

Part Number	M (Coarse)		L								D <sub>1</sub>	D	L <sub>1</sub>	t	T (Approx.)	Cross-recessed Socket No.	Fastenable Minimum Plate Thickness	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch	5	6	8	10	12	16	20	9									
SNPI3-M3-SUC	M3	0.5									5.5	8	2	0.5	0.7	2	0.8	0.62 - 0.87	50
SNPI3-M4-SUC	M4	0.7									7	10	2.6	0.8	1	2	1.1	1.5 - 1.9	50
SNPI3-M5-SUC	M5	0.8									9	12	3.3	0.8	1.3	2	1.2	2.9 - 4.4	20

- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

● Part Number Specification

**SNPI3-M3-8-SUC**



Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Available / Add'l charge	Not Available	Available / Add'l charge	Not Available