

⚠ Precautions for Use
Chemical resistance changes with performance conditions. Always carry out tests under performance conditions similar to actual conditions in advance.

- Combine **SCAP-PT** Cover Caps and **SNCPS** Socket Head Cap Screws for Cover Caps.
- The PTFE (Polytetrafluoroethylene) cover protects the screw head from corrosion caused by chemicals.
- PTFE is a plastic with excellent chemical resistance, and most chemicals cannot penetrate it.
- Chemical Resistance of PTFE → P.xxxx
- Since the screw portion is stainless steel, they can be used with higher tightening forces than PTFE screws.
- Tightening with the recommendation torque has a sealing effect and the bearing surface of the cover cap fits the attachment surface tightly. Airtight testing at 0.6 MPa confirmed that there is no leakage.
- Also, make cover caps from requested materials such as Hastelloy*1 and PEEK are available.

*1: Hastelloy is a registered trademark of Haynes International, Inc.

● Application

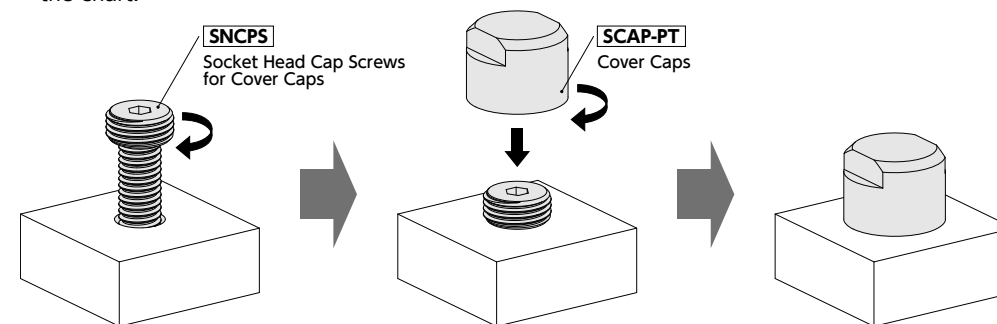
FPD production equipment, semiconductor fabrication wet processes, printed circuit board etching devices, metallic surface treatment equipment and facilities, cleaning equipment, and chemical plants

● Material/Finish

	SCAP-PT Cover Caps	SNCPS Socket Head Cap Screws
Main Body	PTFE (Polytetrafluoroethylene)	SUSXM7 (Equivalent to SUS304)
Strength Class		A2-50

SCAP-PT Cover Caps										Unit : mm
Part Number 1	M (Fine)		H	D1	h	B	tB	Recommendation Torque (N・m)	SNCPS Part.No	Mass (g)
	Nominal of Thread	Pitch								
SCAP-3-PT	M5	0.5	6	9	2	7	3	0.04	SNCPS-M3	0.65
SCAP-4-PT	M6	0.75	8	10	2.8	8	3	0.08	SNCPS-M4	1.1
SCAP-5-PT	M8	0.75	9	12	3.5	9	3	0.2	SNCPS-M5	1.6
SCAP-6-PT	M10	0.75	10	14	4	11	4	0.35	SNCPS-M6	2.3
SCAP-8-PT	M12	1	11	16	5	13	4	0.45	SNCPS-M8	3.1
SCAP-10-PT	M16	1	12	20	6	17	4	0.6	SNCPS-M10	4.8

- Usage
After tightening **SNCPS** Socket Head Cap Screw for Cover Cap, attach **SCAP-PT** Cover Cap so that it covers the head of **SNCPS**.
Ensure that the tightening torque of **SCAP-PT** does not exceed the recommendation torque in the chart.



SNCPS Socket Head Cap Screws for Cover Caps																	Unit : mm			
Part Number 2	M (Coarse)			L 3							M1 (Fine)			L ₁	B	t	L ₂ *1	SCAP-PT Part.No	Mass (g)	
	Nominal of Thread	Pitch									Nominal of Thread	Pitch								
SNCPS-M3	M3	0.5	6	8	10	12						M3	0.5	2	2	1.5	Full Thread	SCAP-3	0.53 - 0.78	
SNCPS-M4	M4	0.7		8	10	12	16					M4	0.7	2.8	2.5	2.3	Full Thread	SCAP-4	1.3 - 1.9	
SNCPS-M5	M5	0.8			10	12	16	20				M5	0.8	3.5	3	2.7	Full Thread	SCAP-5	2 - 3.3	
SNCPS-M6	M6	1				12	16	20	25			M6	1	4	4	3	Full Thread	SCAP-6	3.8 - 6.4	
SNCPS-M8	M8	1.25					16	20	25	30	35	M8	1.25	5	5	3.8	22(L=35)	SCAP-8	9 - 16	
SNCPS-M10	M10	1.5						20	25	30	35	40	M10	1.5	6	6	4.5	26(L=40)	SCAP-10	17 - 27

*1: If the "L" value is other than the value in parentheses, the screw is full thread.

● Related Products

SCAP-AL aluminum alloy for use in vacuum chambers are available.
→ P.xxxx

SCAP-CE ceramic cover cap for use in vacuum chambers are available.
→ P.xxxx

● Part number specification

SCAP-6-PT **SCAP-PT** Cover Caps

SNCPS-M6-20 **SNCPS** Socket Head Cap Screws for Cover Caps

Batch cleanroom packing is provided for orders containing multiple items of the same size.
Order **SCAP-PT** and **SNCPS** individually.