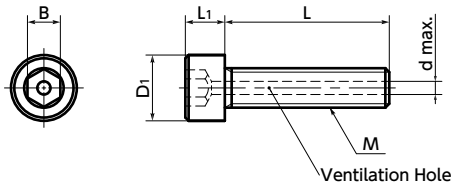


SVSS Socket Head Cap Screws with Ventilation Hole

WEB Selection Tool | WEB CAD Download | Vacuum | Cleanroom wash & packaging | SUS Stainless steel



● Material/Finish

RoHS Compliant

	SVSS	SVSS-PC
Main Body	SUSXM7 (S.S. grade : A2)	SUSXM7 (S.S. grade : A2) Chemical Polish
Strength Class	A2-70	A2-70

● Part number specification

SVSS - M5 - 25 - PC

Product Code: 1 2 3

Order in number of packs. The minimum order quantity is 1 piece. → P.794

- The ventilation hole easily releases gas trapped in the screw holes of equipment and machines, and supports vacuum drawing of vacuum devices.
- **SVSS-PC** has an improved surface coarseness by chemical polishing. Outgas quantity is extremely low. Suitable for the use under medium vacuum environments.
- Ventilation holes are made using a method that has little effect on metal structure. The occurrence of outgas under vacuum environment and brittle fracture during usage are suppressed respectively.

● Application

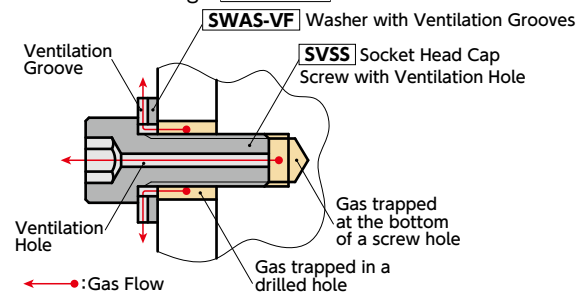
Vacuum devices, vacuum chambers, FPD production equipment, semiconductor devices, and electron microscopes

Unit : mm

SVSS No Surface Treatment	SVSS-PC Chemical Polish	Common dimensions																					
Part Number	Part Number	M	L															D1	L1	B	d	Mass (g)	
SVSS-M2		M2	3	4	5	6	8	10											3.8	2	1.5	0.8	0.16 - 0.3
SVSS-M2.5		M2.5		4	5	6	8	10	12										4.5	2.5	2	1	0.35 - 0.59
SVSS-M3	SVSS-M3-PC	M3			5	6	8	10	12	16									5.5	3	2.5	1.2	0.67 - 1.2
SVSS-M4	SVSS-M4-PC	M4			5	6	8	10	12	16	20	25	30	35					7	4	3	1.5	1.4 - 4.2
SVSS-M5	SVSS-M5-PC	M5			6	8	10	12	16	20	25	30	35	40					8.5	5	4	1.5	2.2 - 7.1
SVSS-M6	SVSS-M6-PC	M6				8	10	12	16	20	25	30	35	40	45	50			10	6	5	2	4.3 - 13
SVSS-M8	SVSS-M8-PC	M8					12	16	20	25	30	35	40	45	50	60			13	8	6	2	11 - 29
SVSS-M10	SVSS-M10-PC	M10						16	20	25	30	35	40	45	50	60			16	10	8	3	21 - 46
SVSS-M12	SVSS-M12-PC	M12									30	35	40	45	50	60			18	12	10	3	39 - 63

● Usage example

Gas trapped at the bottom of a screw hole is released through **SVSS**, and gas trapped in a drilled hole is released through **SWAS-VF** (→ P.574).



● Related Products

SVSQS Socket Head Cap Screws with Captive Washer and Ventilation Holes → P.558



SVST Socket Head Cap Screws - Titanium → P.564



SVSHS Socket Head Cap Screws with Special Low Profile → P.566



SVFCS Hex Socket Countersunk Head Screws → P.567



SVSS-MOS Socket Head Cap Screws with MoS2 Shot → P.560



SVSS No Surface Treatment

Part Number	Qty*1 per pack
SVSS-M2	10
SVSS-M2.5	10
SVSS-M3	20
SVSS-M4	20*2
SVSS-M5	10
SVSS-M6	10
SVSS-M8	10*2
SVSS-M10	5
SVSS-M12	5

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

*2 Quantity per pack for **SVSS-M4-30** and **SVSS-M4-35** is 10 pieces. Quantity per pack for **SVSS-M8-60** is 5 pieces.

SVSS-PC Chemical Polish

Part Number	Qty*1 per pack
SVSS-M3-PC	20
SVSS-M4-PC	20*2
SVSS-M5-PC	10
SVSS-M6-PC	10
SVSS-M8-PC	10*2
SVSS-M10-PC	5
SVSS-M12-PC	5

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

*2 Quantity per pack for **SVSS-M4-30-PC** and **SVSS-M4-35-PC** is 10 pieces. Quantity per pack for **SVSS-M8-60-PC** is 5 pieces.

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 | Cleanroom washed and packed | Available / Add'l charge | Not Available | Please feel free to contact us