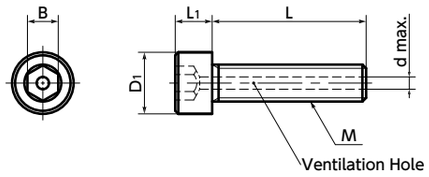
SVSS Hex Socket Head Cap Screws with Ventilation Hole

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



- The ventilation hole easily releases gas trapped in the screw holes of equipment and machines, and supports vacuum drawing of vacuum devices.
- Cleanroom wash and cleanroom packing are completed. ➡ P.xxxx
- **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.

● Material/Finish

RoHS2 Compliant

	SVSS	SVSS-PC
Main Body	SUSXM7 (Equivalent to SUS304)	SUSXM7 (Equivalent to SUS304) 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.
Also sold separately from 1 piece up. ➡ P.xxxx

● Application

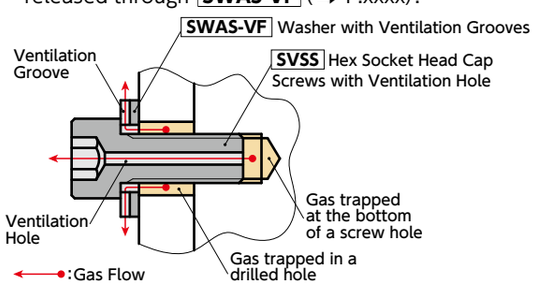
Vacuum devices, vacuum chambers, FPD production equipment, semiconductor devices, and electron microscopes

Unit : mm

SVSS No Surface Treatment	SVSS-PC Chemical Polish	Common dimensions																						
		M (Coarse)		L ②																D1	L1	B	d	Mass (g)
Part Number	Part Number	Nominal of Thread ①	Pitch																					
SVSS-M2		M2	0.4	3	4	5	6	8	10											3.8	2	1.5	0.8	0.16 - 0.3
SVSS-M2.5		M2.5	0.45		4	5	6	8	10	12										4.5	2.5	2	1	0.35 - 0.59
SVSS-M3	SVSS-M3-PC	M3	0.5			5	6	8	10	12	16									5.5	3	2.5	1.2	0.67 - 1.2
SVSS-M4	SVSS-M4-PC	M4	0.7			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	0.8				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	1					8	10	12	16	20	25	30	35	40	45	50		10	6	5	2	4.3 - 13
SVSS-M8	SVSS-M8-PC	M8	1.25							12	16	20	25	30	35	40	45	50	60	13	8	6	2	11 - 29
SVSS-M10	SVSS-M10-PC	M10	1.5								16	20	25	30	35	40	45	50	60	16	10	8	3	21 - 46
SVSS-M12	SVSS-M12-PC	M12	1.75											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.xxxx).



SWAS-VF Washers with Ventilation Grooves

① 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	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us

● Related Products

SVSQS Socket Head Cap Screws with Captive Washer and Ventilation Holes ➡ P.xxxx

SVST Socket Head Cap Screws - Titanium ➡ P.xxxx

SVSHS Hex Socket Head Cap Screws with Special Low Profile ➡ P.xxxx

SVFCS Hex Socket Countersunk Head Screws ➡ P.xxxx

SVSS-MOS Socket Head Cap Screws with MoS_2 Shot ➡ P.xxxx

SVSS No Surface Treatment

Part Number	Qty per Pack*1
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 is 1 piece. ➡ P.xxxx
*2 : Quantity per pack for **SVSS-M4-30** and **SVSS-M4-35** is 10. Quantity per pack for **SVSS-M8-60** is 5.

SVSS-PC Special Chemical Polishing

Part Number	Qty per Pack*1
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 is 1 piece. ➡ P.xxxx
*2 : Quantity per pack for **SVSS-M4-30-PC** and **SVSS-M4-35-PC** is 10. Quantity per pack for **SVSS-M8-60-PC** is 5.