

Application

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

• Material/Finish		♠ RoHS
	SVSS	SVSS-PC
Main Body	SUSXM7 (Equivalent to SUS304)	SUSXM7 (Equivalent to SUS304) Chemical Polish
Strength Class	A2-70	A2-70

• Part number specification





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- 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.

SVSS	VSS SVSS-PC Common dimensions																								
No Surface Treatment Chemical Polish		M (Coarse)			L 42														D1	L1	В	d	Mass (g)		Qty per Pack
Part Number	Part Number	Nominal of Thread 1	Pitch	-															וט	Lī	Ь	u	ivias	s (g)	perruek
SVSS-M2		M2	0.4	3	4	5 6	8	10											3.8	2	1.5	0.8	0.1	5 - 0.3	10
SVSS-M2.5		M2.5	0.45		4	5 6	8	10	12										4.5	2.5	2	1	0.3	5 - 0.5	9 10
SVSS-M3	SVSS-M3-PC	M3	0.5			5 6	8	10	12	16									5.5	3	2.5	1.2	0.6	7 - 1.2	20
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	20*1
SVSS-M5	SVSS-M5-PC	M5	8.0			6	8	10	12	16	20	25	30	35	40				8.5	5	4	1.5	2.2	- 7.1	10
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	10
SVSS-M8	SVSS-M8-PC	M8	1.25						12	16	20	25	30	35	40	45	50	60	13	8	6	2	11	- 29	10*2
SVSS-M10	SVSS-M10-PC	M10	1.5							16	20	25	30	35	40	45	50	60	16	10	8	3	21	- 46	5
SVSS-M12	SVSS-M12-PC	M12	1.75										30	35	40	45	50	60	18	12	10	3	39	- 63	5

- *1: Quantity per pack for **SVSS-M4-30**, **SVSS-M4-35**, **SVSS-M4-30-PC**, and **SVSS-M4-35-PC** is 10.
- *2: Quantity per pack for $\boxed{\text{SVSS-M8-60}}$ and $\boxed{\text{SVSS-M8-60-PC}}$ is 5.
- When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.
- Usage example

Gas trapped at the bottom of a screw hole is released through $\boxed{\text{SVSS}}$, and gas trapped in a drilled hole is released through $\boxed{\text{SWAS-VF}}$ (\Rightarrow P.xxxx).

