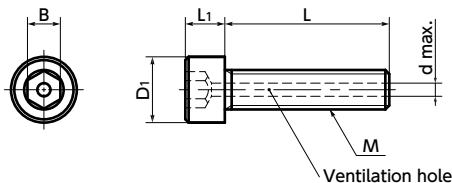




# SVSA Vented Socket Head Cap Screws - Aluminum

Vacuum Cleanroom wash & packaging Lightweight



● Material/Finish



	<b>SVSA</b>
Main Body	A5056

● Mechanical property

	A5056	SUS304
Tensile Strength (N/mm <sup>2</sup> )	294	520 or More
0.2% Proof Load (N/mm <sup>2</sup> )	245	205 or More
Elongation (%)	12	40 or More
Hardness (HB)	98	187 or Less

● Values in chart are for reference only. They are not guaranteed values.

● Physical property

	A5056	SUS304
Specific Gravity	2.64	7.93
Longitudinal Elastic Modulus (GPa)	71.7	193
Specific Heat (J/kg·K)	904	500
Electric Resistance (μΩ·m)	0.064	0.7
Thermal Conductivity (W/(m·K))	112	17
Linear Expansion Coefficient (K <sup>-1</sup> )	24.1 × 10 <sup>-6</sup>	17.3 × 10 <sup>-6</sup>

● Values in chart are for reference only. They are not guaranteed values.

- Aluminum hex socket head cap screws **SVSA** with ventilation hole.
- The ventilation hole easily releases gas trapped in the screw holes of equipment and machines, and supports vacuum drawing of vacuum devices.
- For fastening of aluminum alloy materials.
- The specific gravity is approximately 33% that of stainless steel. For lighter-weight devices and equipment.
- There is no electrocorrosion due to contact with aluminum alloy.
- Corrosion resistance, electrical conductivity, and thermal conductivity are excellent.
- Cleanroom wash/cleanroom packing provided. ➔ P. xxxx

● Application

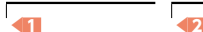
Lighter-weight devices and equipment  
 Vacuum devices / Vacuum chambers / FPD production equipment / Semiconductor manufacturing equipment / Electron microscopes

Unit : mm

Part Number	M (Coarse)		L										D1	L1	B	d max.	Mass (g)
	Nominal of Thread	Pitch															
<b>SVSA-M3</b>	M3	0.5	6	8	10	12	16	20					5.5	3	2.5	1.2	0.24 - 0.46
<b>SVSA-M4</b>	M4	0.7		8	10	12	16	20	25				7	4	3	1.5	0.56 - 1.1
<b>SVSA-M5</b>	M5	0.8			10	12	16	20	25				8.5	5	4	1.5	0.91 - 1.6
<b>SVSA-M6</b>	M6	1				12	16	20	25	30			10	6	5	2	1.7 - 2.8
<b>SVSA-M8</b>	M8	1.25					16	20	25	30	35		13	8	6	2	4.1 - 6.4

● Part number specification

**SVSA-M5-16**



Batch cleanroom packing is provided for orders containing multiple items of the same size.

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
1 piece in 1 pack	Cleanroom washed and packed	Please feel free to contact us	Not Available	Please feel free to contact us