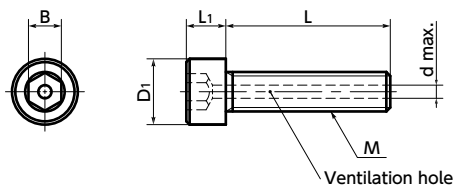


SVSH-C276 Hex Socket Head Cap Screws (Hastelloy C - 276 equiv.) with Ventilation Hole



Vacuum
 Cleanroom wash & packaging
 Chemical-proof



● Material/Finish



	SVSH-C276
Main Body	UNS N10276 (Hastelloy*1C-276 equiv.)

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

● Mechanical property

	Hastelloy (UNS N10276)	SUS304
Tensile Strength (N/mm ²)	793	520 or More
0.2% Proof Load (N/mm ²)	400	205 or More
Elongation (%)	60	40 or More

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

● Physical property

	Hastelloy (UNS N10276)	SUS304
Specific Gravity	8.89	7.93
Longitudinal Elastic Modulus (GPa)	205	193
Specific Heat (J/kg·K)	427	500
Electric Resistance (μΩ·m)	1.3	0.7
Linear Expansion Coefficient (K ⁻¹)	11.2 × 10 ⁻⁶	17.3 × 10 ⁻⁶

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

- Hastelloy C-276 hex socket head cap screws **SVSH-C276** 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.
- Hastelloy C-276 is the standard Hastelloy type.
- Excellent corrosion resistance against oxidizing and reducing salts. → P.xxxx
- Supports use with vacuum equipment in corrosive environments.
- Cleanroom wash/cleanroom packing provided. → P.xxxx
- Hastelloy C-22 hex socket head cap screws with ventilation hole **SVSH-C22**, resistant to wet chlorine gas, hypochlorite, and chlorine dioxide, are available. → P.xxxx

● Application

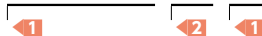
Vacuum devices / Vacuum chambers / FPD production equipment / Semiconductor manufacturing equipment / Electron microscopes / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants

Unit : mm

Part Number	M (Coarse)		L	D1	L1	B	d max.	Mass (g)
	Nominal of Thread	Pitch						
SVSH-M3-C276	M3	0.5	6 8 10 12 16 20	5.5	3	2.5	1.2	0.81 - 1.6
SVSH-M4-C276	M4	0.7	8 10 12 16 20 25	7	4	3	1.5	1.9 - 3.6
SVSH-M5-C276	M5	0.8	10 12 16 20 25	8.5	5	4	1.5	3.1 - 5.4
SVSH-M6-C276	M6	1	12 16 20 25 30	10	6	5	2	5.8 - 9.5
SVSH-M8-C276	M8	1.25	16 20 25 30 35	13	8	6	2	14 - 22

● Part number specification

SVSH-M5-16-C276



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	Available / Add'l charge	Not Available	Please feel free to contact us