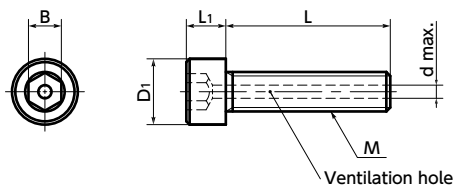


SVSH-C276 Hex Socket Head Cap Screws (Hastelloy C - 276 equiv.) with Ventilation Hole



Vacuum
 Cleanroom wash & packaging
 Chemical-proof



● Mechanical property

| | Hastelloy (UNS N10276) | SUS304 |
|---------------------------------------|------------------------|-------------|
| Tensile Strength (N/mm ²) | 690 or More | 520 or More |
| 0.2% Proof Load (N/mm ²) | 283 or More | 205 or More |
| Elongation (%) | 40 or More | 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) | 1.23 | 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.
- Supports use with vacuum equipment in corrosive environments.
- Cleanroom wash/cleanroom packing provided.
- Hastelloy C-22 hex socket head cap screws with ventilation hole **SVSH-C22**, resistant to wet chlorine gas, hypochlorite, and chlorine dioxide, are available.

● 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

● Material/Finish



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

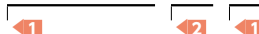
*1: Hastelloy is a registered trademark of Haynes International, Inc.

Unit : mm

| Part Number ¹ | M (Coarse) | | L ² | | | | | | | | | D1 | L1 | B | d max. | Mass (g) |
|--------------------------|-------------------|-------|----------------|---|----|----|----|----|----|----|----|-----|----|-----|--------|------------|
| | Nominal of Thread | Pitch | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 30 | 35 | | | | | |
| 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 1 piece in 1 pack | Cleanroom Wash & Packaging Cleanroom washed and packed | Screw Length Adjustment Available / Add'l charge | Vibration Resistant Not Available | Modification process for captive use Please feel free to contact us |
|---------------------------------------|---|---|--------------------------------------|--|