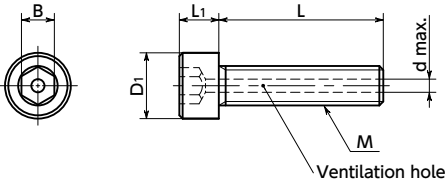


SVSLG-AG Vented High Strength Stainless Steel Socket Head Cap Screws – Silver Plating

SUS Stainless steel Vacuum Cleanroom wash & packaging Seizing Prevention Electric conducting property High strength



Material/Finish

	SVSLG-AG
Main Body	SUS316L Silver Plating



- High strength stainless steel hex socket head cap screws.
- The proof load is approximately 1.8 times that of general stainless steel hex socket head cap screws. Therefore, smaller screw diameters and reduced quantities are available to save space and reduce weight.
- The ventilation hole easily releases gas trapped in the screw holes of equipment and machines, and supports vacuum drawing of vacuum devices.
- Silver plating confers excellent screw lubrication properties and electrical conductivity. Suitable for preventing seizing and use in conductive sections of electronic parts.
- Electric resistance
Silver: $1.6\mu\Omega \cdot \text{cm}$ (gold: $2.3\mu\Omega \cdot \text{cm}$)

*This is the performance of the silver material.

- Cleanroom washing/cleanroom packing provided.

Application

Vacuum devices / Vacuum chambers / FPD production equipment / Semiconductor manufacturing equipment / Electron microscopes

Unit : mm

Part Number 1	M (Coarse)		L 2										D1	L1	B	d max.	Mass (g)
	Nominal of Thread	Pitch															
SVSLG-M3-AG	M3	0.5	6	8	10	12	15	20	25				5.5	3	2.5	1.2	0.64 - 1.45
SVSLG-M4-AG	M4	0.7		8	10	12	15	20	25				7	4	3	1.5	1.4 - 2.7
SVSLG-M5-AG	M5	0.8			10	12	15	20	25	30			8.5	5	4	1.5	2.5 - 5.1
SVSLG-M6-AG	M6	1				12	15	20	25	30	10	6	5	2			4.7 - 7.3

Mechanical Properties

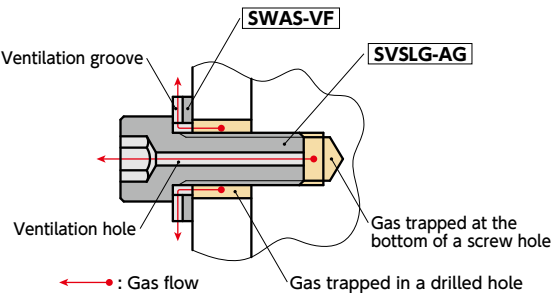
Part Number / Strength Class	Property		
	Tensile Strength (N / mm ²)	0.2% Proof Load (N / mm ²)	Elongation (mm)
SVSLG-AG *1	1000	800	0.3d
A2-70/A4-70 *2	700	450	0.4d
A2-50/A4-50 *2	500	210	0.6d

*1 : In-house specification value. Confirmed with test pieces (pre-treatment materials) from each production lot.

*2 : Specification value from JIS B 1054 - 1:2013 (ISO 3506 - 1:2009) "Mechanical properties of corrosion-resistant stainless steel fasteners- Part 1: Bolts, screws and studs". Values in chart are for reference only. They are not guaranteed values.

Usage Example

Gas trapped at the bottom of the screw hole is released through SVSLG-AG, and gas trapped in the drilled hole is released through SWAS-VF.



Related Products

For ventilation of drilled holes, please use SWAS-VF.



Part Number Specification

SVSLG-M4-12-AG
1 2 1

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

Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
1 piece in 1 pack	Cleanroom washed and packed	Not Available	Not Available	Not Available