

● Application

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

● Material/Finish



	SVSLG
Main Body	SUS316L

● Mechanical Properties

	SUS316L*1
Tensile Strength (N/mm ²)	1000
0.2% Proof Load (N/mm ²)	800
Elongation(mm)	0.3d

*1 : In-house specification value. Confirmed with test pieces from each **SNSLG** production lot.

● For other mechanical properties refer to **SNSLG**. → P.xxxx

- The ventilation hole easily releases gas trapped in the screw holes of equipment and machines, and supports vacuum drawing of vacuum devices.
- Hex socket head cap screw with ventilation hole - high intensity stainless steel **SNSLG** (→ P.xxxx).
- Tensile strength 1000 N/mm², 0.2% proof load 800 N/mm²
- 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.
- Made of SUS316L. It has excellent corrosion resistance.
- Non-magnetic.
- Cleanroom wash/cleanroom packing provided. → P.xxxx

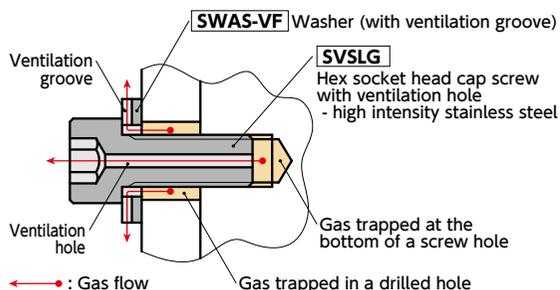
Unit : mm

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

Part Number	L								Qty per Pack
	6	8	10	12	15	20	25	30	
SVSLG-M3	●	●	●	●	●	●	●		10
SVSLG-M4		●	●	●	●	●	●		10
SVSLG-M5			●	●	●	●	●	●	10
SVSLG-M6				●	●	●	●	●	10

● Usage example

Gas trapped at the bottom of a screw hole is released through **SVSLG**, and gas trapped in a drilled hole is released through **SWAS-VF** (→ P.xxxx).



● Related Products

For ventilation of drilled hole, please use **SWAS-VF**.

→ P.xxxx



SNSLG Stainless steel hex socket head cap screw without ventilation hole is available.

→ P.xxxx



● Part number specification

SVSLG-M4-12

Product Code

