

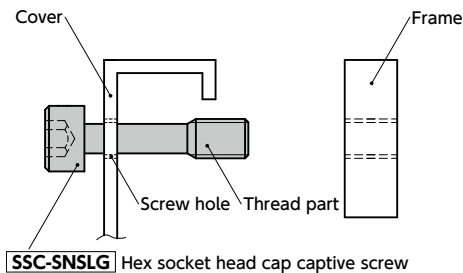
## Material/Finish



	SSC-SNSLG
Main Body	SUS316L

## Installation Example

Make a screw hole in the cover, and then pass the **SSC-SNSLG** thread part through it. Even when the screw is removed from the frame, **SSC-SNSLG** does not fall out of the cover because the **SSC-SNSLG** thread part catches on the cover screw hole.



## ⚠ Precautions for Use

- Screw hole inner diameter on the cover side shall be at least the dc dimension.
- The cover thickness should be 0.8mm or above.



- Prevents fall-off and loss of the screw. They are intended to fix protective and inspection covers that are frequently installed and removed.
- For CE Marking compatibility.
- High intensity stainless steel hex socket head cap screw.
- Main body tensile strength is 1000 N/mm<sup>2</sup>, 0.2% proof load 800 N/mm<sup>2</sup>.
- 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.

## Application

For fixing protective covers and maintenance covers  
CE Marking compatible  
Machine tools / Food machinery / Electrical and electronic equipment

## Mechanical Properties

Part Number / Strength Class	Property		
	Tensile Strength (N / mm <sup>2</sup> )	0.2% Proof Load (N / mm <sup>2</sup> )	Elongation (mm)
<b>SSC-SNSLG</b> *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 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.

## Magnetic Permeability Comparison

Part Number / Material	Magnetic Permeability
<b>SSC-SNSLG</b> SUS316L	1.008
<b>SNSL</b> SUS316L	1.006
SUSXM7	1.4

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Unit : mm

Part Number 	M (Coarse)		L 								Lm	D1	L1	B	dc	Mass (g)
	Nominal of Thread	Pitch														
SSC-SNSLG-M3	M3	0.5	8	10	12	15					4	5.5	3	2.5	2.2	0.8 - 1.2
SSC-SNSLG-M4	M4	0.7		10	12	15	20				5	7	4	3	3	1.8 - 2.7
SSC-SNSLG-M5	M5	0.8			12	15	20	25			6	8.5	5	4	3.9	3 - 4.8
SSC-SNSLG-M6	M6	1			12	15	20	25	30		8	10	6	5	4.5	5.1 - 8.3

<b>1</b> Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
1 piece in 1 pack	Available / Add'l charge	Not Available	Not Available	with Captive Processing

## Part Number Specification

**SSC-SNSLG-M5-20**

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