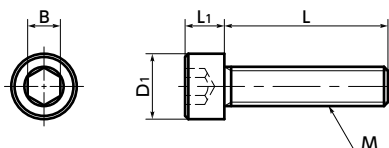


# SNSLG Hex Socket Head Cap Screws - High Intensity Stainless Steel



Heat-resistance Chemical-proof Non-Magnetic High strength High Specific Strength SUS Stainless steel



## Material/Finish



	SNSLG
Main Body	SUS316L

## Application

Space-saving/lightweight  
FPD manufacturing devices, Semiconductor manufacturing devices,  
Equipment/device structures, Offshore instruments,

- High intensity stainless steel hex socket head cap screw.
- Tensile strength 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.
- Complies with JIS B 1176, ISO 4762, and DIN 912. For details on shape and dimensions, please refer to the "Technical Information (JIS B 1176, ISO 4762)".

## Mechanical property

Part Number / Strength Class	Property		
	Tensile Strength (N / mm <sup>2</sup> )	0.2% Proof Load (N / mm <sup>2</sup> )	Elongation (mm)
<b>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>SNSLG</b> SUS316L	1.008
<b>SNSL</b> SUS316L	1.006
SUSXM7	1.4

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

Part Number	M (Coarse)		L								D1	L1	B	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch													
<b>SNSLG-M3</b>	M3	0.5	6	8	10	12	15	20	25		5.5	3	2.5	0.71 - 1.6	10
<b>SNSLG-M4</b>	M4	0.7		8	10	12	15	20	25		7	4	3	1.6 - 3.2	10
<b>SNSLG-M5</b>	M5	0.8			10	12	15	20	25	30	8.5	5	4	2.7 - 5.6	10
<b>SNSLG-M6</b>	M6	1				12	15	20	25	30	10	6	5	5.1 - 8.3	10

Unit : mm

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

## Part number specification

**SNSLG-M3-25**



Individual Sales → P.0000	Cleanroom Wash & Packaging → P.0000	Screw Length Adjustment → P.0000	Vibration Resistant → P.0000	Modification process for captive use → P.0000
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge