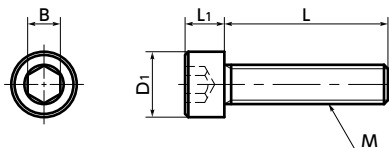


SNSLG High Strength Stainless Steel Socket Head Cap Screws



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 production equipment / Semiconductor manufacturing equipment / Equipment and device structures / Offshore instruments / General industrial machines

- High strength stainless steel hex socket head cap screws.
- Tensile strength is 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.
- Compliant with JIS B 1176, ISO 4762, and DIN 912. For shapes and dimensions, see "Technical Data (JIS B 1176, ISO4762)".

● Mechanical Properties

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

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

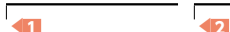
Unit : mm

Part Number ◀1	M (Coarse)		L ▶2	D1	L1	B	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch						
SNSLG-M3	M3	0.5	6 8 10 12 15 20 25	5.5	3	2.5	0.71 - 1.6	10
SNSLG-M4	M4	0.7	8 10 12 15 20 25 30 35 40 45 50	7	4	3	1.6 - 5.7	10
SNSLG-M5	M5	0.8	10 12 15 20 25 30 35 40 45 50	8.5	5	4	2.7 - 8.4	10
SNSLG-M6	M6	1	12 15 20 25 30 35 40 45 50	10	6	5	5.1 - 11.1	10
SNSLG-M8	M8	1.25	15 20 25 30 40 50	13	8	6	10 - 25	5
SNSLG-M10	M10	1.5	20 25 30 40 50	16	10	8	15 - 28	1

● 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 Available / Add'l charge	Cleanroom Wash & Packaging Available / Add'l charge	Screw Length Adjustment Available / Add'l charge	Vibration Resistant Available / Add'l charge	Modification process for captive use Available / Add'l charge
---	---	--	--	---