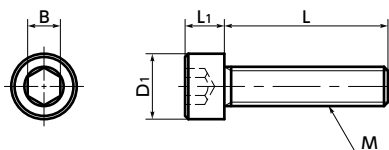


SNSLG Hex Socket Head Cap Screws - High Intensity Stainless Steel



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



● Application

FPD manufacturing devices, Semiconductor manufacturing devices, Equipment/device structures, Offshore instruments, General industrial machines

● Material/Finish



	SNSLG
Main Body	SUS316L

- High intensity stainless steel hex socket head cap screw.
- 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.
- Conforms to JIS B 1176, ISO 4762, and DIN 912.
⇒ Technical Information : JIS B 1176, ISO 4762

● Mechanical property

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	7	4	3	1.6 - 3.2	10		
SNSLG-M5	M5	0.8	10	12	15	20	25	30	8.5	5	4	2.7 - 5.6	10		
SNSLG-M6	M6	1	12	15	20	25	30	10	6	5	5.1 - 8.3	10			

● 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