



● 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.

● Mechanical Properties

Part Number / Strength Class	Property		
	Tensile Strength (N / mm ²)	0.2% Proof Load (N / mm ²)	Elongation (%)
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	M	L											D1	L1	B	Mass (g)
SNSLG-M3	M3	6	8	10	12	15	20	25					5.5	3	2.5	0.71 - 1.6
SNSLG-M4	M4		8	10	12	15	20	25					7	4	3	1.6 - 3.2
SNSLG-M5	M5			10	12	15	20	25	30				8.5	5	4	2.7 - 5.6
SNSLG-M6	M6				12	15	20	25	30				10	6	5	5.1 - 8.3

Part Number	Qty per Pack
SNSLG-M3	10
SNSLG-M4	10
SNSLG-M5	10
SNSLG-M6	10

*1: Also sold separately from 1 piece up. → P.xxxx

● Part number specification

SNSLG-M3 - 25

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Order in number of packs.

The minimum order is 1 piece. → P.xxxx

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