



Material/Finish



	SNSLG-PC
Main Body	SUS316L Special Chemical Polish

Magnetic Permeability Comparison

Part Number / Material	Magnetic Permeability
SNSLG-PC SUS316L	1.008
SNSL SUS316L	1.006
SUSXM7	1.4

- Values in chart are for reference only. They are not guaranteed values.
- The values are for material before treatment.

Application

Space-saving/lightweight
 FPD production equipment / Semiconductor manufacturing equipment / Equipment and device structures /
 General industrial machines / Medical equipment /
 Food machinery



- High intensity stainless steel hex socket head cap screws.
- 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.
- Special chemical polishing treatment improves the surface roughness. Outgas quantity is extremely low. Ideal for use in medium vacuum environments.
- Cleanroom wash/cleanroom packing provided.

Mechanical Properties

Part Number / Strength Class	Property		
	Tensile Strength (N / mm ²)	0.2% Proof Load (N / mm ²)	Elongation (mm)
SNSLG-PC *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".

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Unit : mm

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



Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Cleanroom washed and packed	Available / Add'l charge	Not Available	Please feel free to contact us