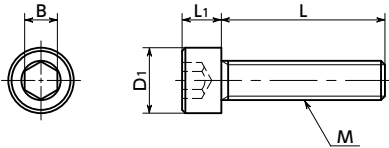


SNSLG-TF High Strength Stainless Steel Socket Head Cap Screws – PTFE Coating

SUS Stainless steel Seizing Prevention Chemical-proof Non-Magnetic High strength High Specific Strength



● Material/Finish

	SNSLG-TF
Main Body	SUS316L PTFE (Tetrafluoroethylene) Coating



- 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.
- Excellent chemical resistance.
- Excellent lubrication property. Suitable for preventing seizing.
- Compliant with JIS B 1176, ISO 4762, and DIN 912. For shapes and dimensions, see “Technical Data (JIS B 1176, ISO4762)”.

● Application

Seizing prevention
Space-saving/lightweight
FPD production equipment / Semiconductor manufacturing equipment / Printed circuit board etching devices / Metallic surface treatment equipment and facilities / Chemical plants

Unit : mm

Part Number 1	M (Coarse)		L 2								D1	L1	B	Mass (g)
	Nominal of Thread	Pitch												
SNSLG-M3-TF	M3	0.5	6	8	10	12	15	20	25		5.5	3	2.5	0.71 - 1.6
SNSLG-M4-TF	M4	0.7		8	10	12	15	20	25		7	4	3	1.6 - 3.2
SNSLG-M5-TF	M5	0.8			10	12	15	20	25	30	8.5	5	4	2.7 - 5.6
SNSLG-M6-TF	M6	1				12	15	20	25	30	10	6	5	5.1 - 8.3

● Mechanical Properties

Part Number / Strength Class	Property		
	Tensile Strength (N / mm ²)	0.2% Proof Load (N / mm ²)	Elongation (mm)
SNSLG-TF *1	1000	800	0.3d
A2-70/A4-70 *2	700	450	0.4d
A2-50/A4-50 *2	500	210	0.6d

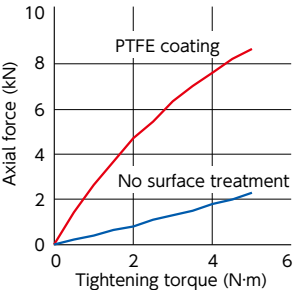
*1 : In-house specification value. Confirmed with test pieces (pre-treatment materials) from each production lot.
*2 : Specification value from JIS B 1054 - 1:2013 (ISO 3506 - 1:2009) "Mechanical properties of corrosion-resistant stainless steel fasteners- Part 1: Bolts, screws and studs". Values in 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, using pre-surface treated materials, only. They are not guaranteed values.

● Tightening Properties (Reference)



● Reference data for Hex Socket Head Cap Screw - SUSXM7 - PTFE Coating **SNSM-M5-25-TF**.

● Part Number Specification

SNSLG-M5-25-TF
1 **2** **1**

1 Individual Sales 1 piece in 1 pack	2 Cleanroom Wash & Packaging Available / Add'l charge	3 Screw Length Adjustment Not Available	4 Vibration Resistant Not Available	5 Modification process for captive use Please feel free to contact us
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