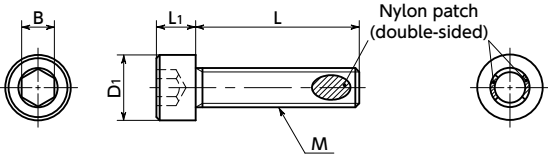


SNSLG-ALK High Strength Stainless Steel Socket Head Cap Screws with Nylon Patch

SUS Stainless steel Chemical-proof Non-Magnetic High strength Vibration resistant treatment High Specific Strength



Material/Finish

	SNSLG-ALK
Main Body	SUS316L
Nylon Patch	Nylon 11

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-nylon patch processed materials, only. They are not guaranteed values.



- High-strength stainless steel hex socket head cap screw with nylon patch.
- 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.
- The friction of the nylon adhered to the thread suppresses the return rotation of the thread.
- Even if the tightening force is lost, the return rotation is suppressed, preventing the screws from falling off.
- The heat resistant temperature of the nylon patch is 120°C.
- Compliant with JIS B 1176, ISO 4762, and DIN 912. For shapes and dimensions, see “Technical Data (JIS B 1176, ISO4762)”.

Application

Space-saving/lightweight
Screw return and fallout prevented
Equipment and device structures / General industrial machines

Mechanical Properties

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

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

Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Available / Add'l charge	Not Available	Not Available	Not Available