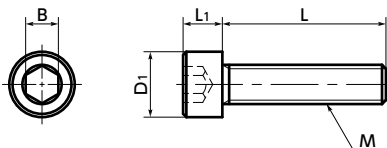




SNSJ Hex Socket Head Cap Screws - SUS310S

Cleanroom wash & packaging
 Heat-resistance
 Chemical-proof
 SUS Stainless steel



● Mechanical property

	SUS310S
Tensile Strength (N/mm ²)	520 or Higher
0.2% Proof Stress (N/mm ²)	205 or Higher
Elongation (%)	40 or Higher
Hardness (HRB)	90 or Less

● Values in chart are for reference only. They are not guaranteed values.

● Physical property

	SUS310S
Specific Gravity	7.98
Heat Resistance Temperature*1 (°C)	700
Electric Resistance (μΩ·m)	0.78
Specific Heat (J/kg·K)	500
Thermal Conductivity (W/(m·K))	14
Linear Expansion Coefficient (K ⁻¹)	15.9×10 ⁻⁶

*1: This is the heat resistance temperature of the SUS310S material.

- Values in chart are for reference only. They are not guaranteed values.
- When heated to 700 deg C, tensile strength drops approximately 60% and proof stress drops approximately 40%.
- Make sure to carry out tests under the same condition of actual use in advance to confirm safety.

- Compared to SUS304, SUS310S has excellent heat resistance, oxidation resistance, and nitric acid resistance compared to SUS304.
- Austenitic series stainless steel with high Ni content, which is effective for corrosion resistance and high temperature characteristics.
- Cleanroom wash and cleanroom packing are completed.
- Equivalent to JIS B 1176, ISO 4762, and DIN 912.

● Application

FPD production equipment, semiconductor devices, nitric acid plants, and aquatic applications

● Material/Finish



	SNSJ
Main Body	SUS310S

Unit : mm

Part Number ①	M (Coarse)		L ②								D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)		
	Nominal of Thread	Pitch															
SNSJ-M3	M3	0.5	6	8	10	12	16	20				5.5	3	2.5	2610	0.71 - 1.4	
SNSJ-M4	M4	0.7		8	10	12	16	20	25			7	4	3	4560	1.7 - 3.2	
SNSJ-M5	M5	0.8			10	12	16	20	25			8.5	5	4	7380	2.7 - 4.8	
SNSJ-M6	M6	1				12	16	20	25	30		10	6	5	10400	5.1 - 8.3	
SNSJ-M8	M8	1.25					16	20	25	30	35	13	8	6	19000	12 - 19	
SNSJ-M10	M10	1.5						20	25	30	35	40	16	10	8	30100	23 - 33

*1: Values in chart are for reference only. They are not guaranteed values.

● Part number specification

SNSJ-M5-16



Batch cleanroom packing is provided for orders containing multiple items of the same size.

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
1 piece in 1 pack	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge