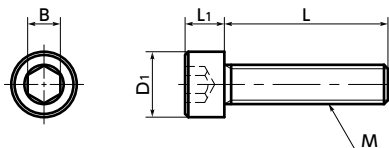




SNSJ Socket Head Cap Screws - SUS310S

WEB Selection Tool
 WEB CAD Download
 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* (°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

*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.

● Application

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

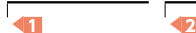
● Material/Finish



	SNSJ
Main Body	SUS310S

● Part number specification

SNSJ-M5-16



Unit : mm

Part Number 1	M	L 2										D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)
		6	8	10	12	16	20	25	30	35	40					
SNSJ-M3	M3	6	8	10	12	16	20					5.5	3	2.5	2610	0.71 - 1.4
SNSJ-M4	M4		8	10	12	16	20	25				7	4	3	4560	1.7 - 3.2
SNSJ-M5	M5			10	12	16	20	25				8.5	5	4	7380	2.7 - 4.8
SNSJ-M6	M6				12	16	20	25	30			10	6	5	10400	5.1 - 8.3
SNSJ-M8	M8					16	20	25	30	35		13	8	6	19000	12 - 19
SNSJ-M10	M10						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	Qty per pack
SNSJ-M3	1
SNSJ-M4	1
SNSJ-M5	1
SNSJ-M6	1
SNSJ-M8	1
SNSJ-M10	1

Individual Sales → P.794
 Cleanroom Wash & Packaging → P.792
 Screw Length Adjustment → P.796
 Vibration Resistant → P.795
 Modification process for captive use → P.791

1 unit in 1 bag
 Cleanroom washed and packed
 Available / Add'l charge
 Available / Add'l charge
 Available / Add'l charge

Special Screws
 Vacuum Application
 Low Profile, Small Head
 High Performance S.S.
 Titanium
 Special Material
 Special Surface Treatment
 Chemical Resistance
 Miniature
 Captive/ Full Thread
 Functional
 Inch
 Tamper Resistance
 Hexabular Socket Head
 Plugs
 Plastic
 Washers/ Lock Nuts