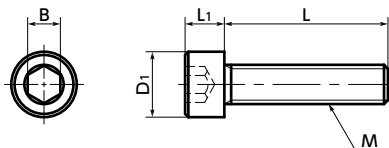




SNSN Socket Head Cap Screws - Nickel

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Cleanroom wash & packaging](#)
[Heat-resistance](#)
[Chemical-proof](#)



● Mechanical property

	Nickel (NW2201)	SUS304
Tensile Strength (N/mm ²)	343 - 411	520 or Higher
0.2% Proof Stress (N/mm ²)	68 - 166	205 or Higher
Elongation (%)	40 - 60	40 or Higher
Hardness (HB)	75 - 100	187 or Less

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

● Physical property

	Nickel (NW2201)	SUS304
Specific Gravity	8.89	7.93
Longitudinal Elastic Modulus (GPa)	206	193
Specific Heat (J/kg · K)	456	500
Electric Resistance (μΩ · m)	0.085	0.7
Thermal Conductivity (W / (m · K))	79.5	17
Linear Expansion Coefficient (K ⁻¹)	13.4 × 10 ⁻⁶	17.3 × 10 ⁻⁶

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

- Pure nickel screws contain Ni 99.0% or more.
- Excellent corrosion resistance against alkaline liquids such as sodium hydroxide, high purity halogen gas and non-oxidizing acids.

● Application

FPD production equipment, semiconductor devices, printed circuit board etching devices, metallic surface treatment equipment and facilities, and chemical plants

● Material/Finish

RoHS Compliant

	SNSN
Main Body	NW2201 (Ni 99.0% or more)

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					
SNSN-M3	M3	6	8	10	12	16	20				5.5	3	2.5	1720	0.81 - 1.6
SNSN-M4	M4		8	10	12	16	20	25			7	4	3	3010	1.9 - 3.6
SNSN-M5	M5			10	12	16	20	25			8.5	5	4	4870	3.1 - 5.4
SNSN-M6	M6				12	16	20	25	30		10	6	5	6890	5.8 - 9.5
SNSN-M8	M8					16	20	25	30	35	13	8	6	12500	14 - 22

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

Part Number	Qty per pack
SNSN-M3	1
SNSN-M4	1
SNSN-M5	1
SNSN-M6	1
SNSN-M8	1

● Part number specification

SNSN-M5-16



[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