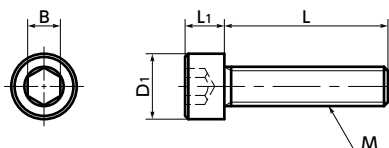




SNSN Hex Socket Head Cap Screws - Nickel

Cleanroom wash & packaging Heat-resistance Chemical-proof



• Mechanical property

	Nickel (UNS N02201)	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 (UNS N02201)	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



	SNSN
本体	UNS N02201 (Ni99.0%以上)

Unit : mm

Part Number ①	M (Coarse)		L ②										D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread	Pitch															
SNSN-M3	M3	0.5	6	8	10	12	16	20					5.5	3	2.5	1720	0.81 - 1.6
SNSN-M4	M4	0.7		8	10	12	16	20	25				7	4	3	3010	1.9 - 3.6
SNSN-M5	M5	0.8			10	12	16	20	25				8.5	5	4	4870	3.1 - 5.4
SNSN-M6	M6	1				12	16	20	25	30			10	6	5	6890	5.8 - 9.5
SNSN-M8	M8	1.25					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 specification

SNSN-M5-16



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

1 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