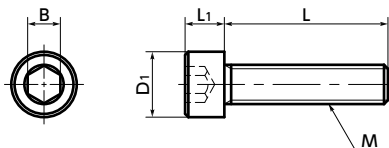




SNSN Hex Socket Head Cap Screws - Nickel

Cleanroom wash & packaging
 Heat-resistance
 Chemical-proof



Material/Finish



	SNSN
Main Body	UNS N02201 (Ni 99.0% or More)

Mechanical Properties

	Nickel (NW2201)	SUS304
Tensile Strength (N/mm ²)	343 - 411	520 or Higher
0.2% Proof Load (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 Properties

	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.
- Cleanroom wash and cleanroom packing are completed.
- Equivalent to JIS B 1176, ISO 4762, and DIN 912.

Application

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

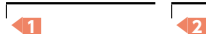
Unit : mm

Part Number ◀1	M (Coarse)		L ◀2	D1	L1	B	Tensile Breaking Load *1 (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 14 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.

Individual Sales 1 piece in 1 pack	Cleanroom Wash & Packaging Cleanroom washed and packed	Screw Length Adjustment Available / Add'l charge	Vibration Resistant Available / Add'l charge	Modification process for captive use Available / Add'l charge
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