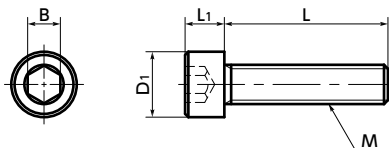




# SNSN Hex Socket Head Cap Screws - Nickel

Cleanroom wash & packaging
 Heat-resistance
 Chemical-proof



## ● Mechanical property

	Nickel (UNS N02201)	SUS304
Tensile Strength (N/mm <sup>2</sup> )	343 - 411	520 or Higher
0.2% Proof Stress (N/mm <sup>2</sup> )	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 <sup>-1</sup> )	13.4 x 10 <sup>-6</sup>	17.3 x 10 <sup>-6</sup>

● 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.
- 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

## ● Material/Finish



	SNSN
本体	UNS N02201 (Ni99.0%以上)

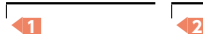
Unit : mm

Part Number ①	M (Coarse)		L ②	D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread	Pitch						
<b>SNSN-M3</b>	M3	0.5	6 8 10 12 16 20	5.5	3	2.5	1720	0.81 - 1.6
<b>SNSN-M4</b>	M4	0.7	8 10 12 16 20 25	7	4	3	3010	1.9 - 3.6
<b>SNSN-M5</b>	M5	0.8	10 12 16 20 25 30	8.5	5	4	4870	3.1 - 5.4
<b>SNSN-M6</b>	M6	1	12 16 20 25 30 35	10	6	5	6890	5.8 - 9.5
<b>SNSN-M8</b>	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 → 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