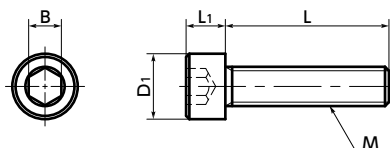




SNSMN Hex Socket Head Cap Screws (Monel 400 equiv.)

Cleanroom wash & packaging Heat-resistance Chemical-proof



● Mechanical property

	UNS N04400 (Monel 400 equiv.)	SUS304
Tensile strength (N/mm ²)	517 - 620	520 or above
0.2% Proof Stress (N/mm ²)	172 - 345	205 or Higher
Extension (%)	35 - 60	40 or above
Hardness (HRB)	60 - 80	90 or less

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

● Physical property

	UNS N04400 (Monel 400 equiv.)	SUS304
Specific gravity	8.80	7.93
Longitudinal elastic modulus (GPa)	179	193
Specific heat (J/kg · K)	427	500
Electric resistivity (μΩ · m)	0.5	0.7
Heat thermal conductivity (W/(m · K))	22	17
Linear expansion coefficient (K ⁻¹)	14.2 x 10 ⁻⁶ (100°C)	17.3 x 10 ⁻⁶

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



- A nickel-copper alloy with resistance to fluorine gas and hydrofluoric acid.
- Excellent strength compared to pure nickel or copper.
- Excellent stress corrosion cracking resistance due to chlorine ions.
- Cleanroom wash and cleanroom packing are completed. ➔ P.xxxx

● Application

FPD production device/Semiconductor manufacturing device/
Chemical plant/Offshore instrument

● Material/Finish



	SNSMN
Main body	UNS N04400 (Monel* ¹ 400 equiv.)

*1: Monel is a registered trademark of Special Metals Corporation.

Unit : mm

Part Number	M (Coarse)		L								D1	L1	B	Tension Rupture Load* ¹ (N)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	16	20	25	30					
SNSMN-M3	M3	0.5	6	8	10	12					5.5	3	2.5	2600	0.8 - 1.1
SNSMN-M4	M4	0.7		8	10	12	16	20			7	4	3	4530	1.9 - 3
SNSMN-M5	M5	0.8			10	12	16	20	25		8.5	5	4	7340	3 - 5.4
SNSMN-M6	M6	1				12	16	20	25	30	10	6	5	10300	5.7 - 9.4

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

● Part number specification

SNSMN-M5-16



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

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