



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

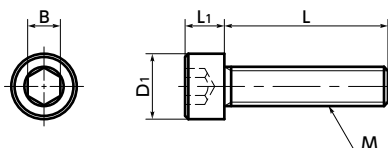
WEB Selection Tool

WEB CAD Download

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% durability (N/mm ²)	172 - 345	205 or above
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

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- 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

RoHS Compliant

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

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

Unit : mm

Part Number 1	M	L 2							D1	L1	B	Tension Rupture Load*1 (N)	Mass (g)
		6	8	10	12	16	20	25					
SNSMN-M3	M3	6	8	10	12				5.5	3	2.5	2600	0.8 - 1.1
SNSMN-M4	M4		8	10	12	16	20		7	4	3	4530	1.9 - 3
SNSMN-M5	M5			10	12	16	20	25	8.5	5	4	7340	3 - 5.4
SNSMN-M6	M6				12	16	20	25	30	10	6	10300	5.7 - 9.4

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Part Number	Qty per pack
SNSMN-M3	1
SNSMN-M4	1
SNSMN-M5	1
SNSMN-M6	1

● Part number specification

SNSMN-M5-16



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 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge