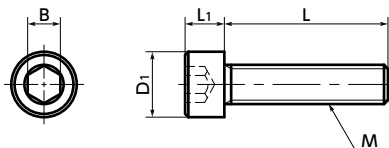


# SNSMN Hex Socket Head Cap Screws (Monel 400 equiv.)



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 <sup>2</sup> )	517 - 620	520 or above
0.2% Proof Stress (N/mm <sup>2</sup> )	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 <sup>-1</sup> )	14.2 x 10 <sup>-6</sup> (100°C)	17.3 x 10 <sup>-6</sup>

● 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

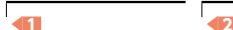
Part Number	M	L							D1	L1	B	Tension Rupture Load*1 (N)	Mass (g)
		6	8	10	12	16	20	25					
<b>SNSMN-M3</b>	M3	6	8	10	12				5.5	3	2.5	2600	0.8 - 1.1
<b>SNSMN-M4</b>	M4		8	10	12	16	20		7	4	3	4530	1.9 - 3
<b>SNSMN-M5</b>	M5			10	12	16	20	25	8.5	5	4	7340	3 - 5.4
<b>SNSMN-M6</b>	M6				12	16	20	25	10	6	5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

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

Part Number	Qty per Pack
<b>SNSMN-M3</b>	1
<b>SNSMN-M4</b>	1
<b>SNSMN-M5</b>	1
<b>SNSMN-M6</b>	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