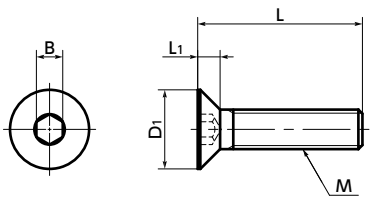
SNFCM Hex Socket Countersunk Head Screws - Molybdenum

Cleanroom wash & packaging Heat-resistance



● Mechanical property

	Pure molybdenum	SUS304
Tensile strength (N/mm²)	515	520 or above
0.2% Proof Stress (N/mm²)	380	205 or Higher
Extension (%)	15	40 or above

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

● Physical property

	Pure molybdenum	SUS304
Specific gravity	10.2	7.93
Longitudinal elastic modulus (Gpa)	327	193
Electric resistivity ($\mu\Omega$・m)	0.058	0.7
Heat thermal conductivity (W/(m・K))	142	17
Linear expansion coefficient (K^{-1})	5.1×10^{-6}	17.3×10^{-6}

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- Made of pure molybdenum.
- Melting point: 2623℃。Excellent heat resistance.
- The flat head does not protrude after tightening.
- Cleanroom wash and cleanroom packing are completed. ➡ P.xxxx

● Application

Sputtering equipment and high temperature furnaces

● Material/Finish

RoHS

	SNFCM
Main body	Pure molybdenum

⚠ Precautions for Use

Note that in an oxidizing atmosphere, sublimation will begin at 600℃ or higher.

Unit : mm

Part Number 1	M (Coarse)		L 2						D_1	L_1	B	Tension Rupture Load*1 (N)	Mass (g)
	Nominal of Thread	Pitch											
SNFCM-M2	M2	0.4	5	6	8	10			4	1.2	1.3	1130	0.21 - 0.33
SNFCM-M3	M3	0.5		6	8	10	12		6	1.75	2	2760	0.69 - 1
SNFCM-M4	M4	0.7			8	10	12	16	8	2.3	2.5	4820	1.5 - 2.4

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● Part number specification

SNFCM-M2 - 6

1 2

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	Not Available