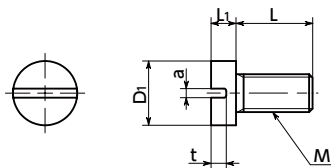




SNCW Slotted Cheese Head Machine Screws (Pure Tungsten)

Cleanroom wash & packaging
 Heat-resistance
 Chemical-proof



● Material/Finish



	SNCW
Main Body	Pure Tungsten(99.99 % or above)

● Physical Properties

	Pure Tungsten	SUS304
Specific Gravity	19.3	7.93
Specific Heat (J/kg·K)	138	500
Electric Resistance ($\mu\Omega \cdot m$)	0.054	0.7
Thermal Conductivity (W/(m·K))	174	17
Linear Expansion Coefficient (K ⁻¹)	4.36×10^{-6}	17.3×10^{-6}

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



- Made of tungsten, with characteristics including a high melting point, high specific gravity and high purity.
- Melting point: 3683°C
- The specific gravity is at least twice that of general steel and stainless steel.
- Excellent chemical resistance also includes resistance to hydrofluoric acid.
- Cleanroom wash/cleanroom packing provided.

● Application

FPD production equipment / Semiconductor manufacturing equipment / Printed circuit board etching devices /
Metallic surface treatment equipment and facilities / Chemical plants

Unit : mm

Part Number 1	M (Coarse)		L 2							D1	L1	a	t	Tensile Breaking Load *1 (N)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	16	20	25						
SNCW-M3	M3	0.5	6	8	10					5.5	2	0.8	0.85	1500	1.6 - 2.1
SNCW-M4	M4	0.7		8	10	12				7	2.6	1.2	1.1	2600	3.6 - 4.5
SNCW-M5	M5	0.8			10	12	16	20		8.5	3.3	1.2	1.3	4200	7 - 10.7
SNCW-M6	M6	1					12	16	20	25	10	3.9	1.6	6000	11.8 - 18.7

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

● Part Number Specification

SNCW-M4 - 12



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

Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
1 piece in 1 pack	Cleanroom washed and packed	Not Available	Not Available	Not Available