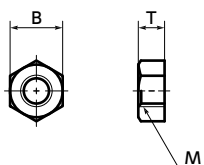




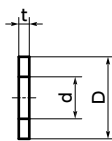
SHNM/SWAM Hex Nuts/Washers - Molybdenum

WEB Selection Tool
 WEB CAD Download
 Cleanroom wash & packaging
 Heat-resistance

SHNM



SWAM-F



● Mechanical property

	Pure Molybdenum	SUS304
Tensile Strength (N/mm ²)	515	520 or Higher
0.2% Proof Stress (N/mm ²)	380	205 or Higher
Elongation (%)	15	40 or Higher

● 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 Resistance ($\mu\Omega \cdot m$)	0.058	0.7
Thermal Conductivity (W/(m·K))	142	17
Linear Expansion Coefficient (K ⁻¹)	5.1×10^{-6}	17.3×10^{-6}

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

● These nuts and washers are made of pure molybdenum.

● Melting Point: 2623 deg C. Excellent heat resistance.

● Application

Sputtering equipment and high temperature furnaces

● Material/Finish

RoHS Compliant

	SHNM	SWAM
Main Body	Pure Molybdenum	Pure Molybdenum

SHNM Hex Nuts

Unit : mm

Part Number	M	B	T	Mass (g)	Qty per pack
SHNM-M3	M3	5.5	2.4	0.44	1
SHNM-M4	M4	7	3.2	1	1
SHNM-M5	M5	8	4	1.6	1
SHNM-M6	M6	10	5	3.2	1
SHNM-M8	M8	13	6.5	7.1	1

SWAM-F Washers

Unit : mm

Part Number	Nominal	d	D	t	Mass (g)	Qty per pack
SWAM-3-F	3	3.2	7	0.5	0.16	1
SWAM-4-F	4	4.3	9	0.8	0.4	1
SWAM-5-F	5	5.3	10	1	0.58	1
SWAM-6-F	6	6.4	12.5	1.6	1.5	1
SWAM-8-F	8	8.4	17	1.6	2.8	1

● Part number specification

SHNM-M5

Individual Sales → P.794	Cleanroom Wash & Packaging → P.792	Screw Length Adjustment → P.796	Vibration Resistant → P.795	Modification process for captive use → P.791
1 pc. in 1 bag	Cleanroom washed and packed	Not Available	Not Available	Not Available