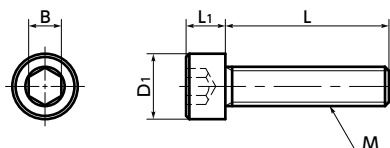




SNSA Hex Socket Head Cap Screws - Aluminum

Cleanroom wash & packaging Lightweight



Material/Finish



	SNSA
Main Body	A5056

Mechanical property

	A5056	SUS304
Tensile Strength (N/mm ²)	294	520 or Higher
0.2% Proof Stress (N/mm ²)	245	205 or Higher
Elongation (%)	12	40 or Higher
Hardness (HB)	98	187 or Less

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

Physical property

	A5056	SUS304
Specific Gravity	2.64	7.93
Longitudinal Elastic Modulus (GPa)	71.7	193
Specific Heat (J/kg · K)	904	500
Electric Resistance (μΩ · m)	0.064	0.7
Thermal Conductivity (W / (m · K))	112	17
Linear Expansion Coefficient (K ⁻¹)	24.1 × 10 ⁻⁶	17.3 × 10 ⁻⁶

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



- These screws are made of aluminum alloy.
- Specific gravity is approximately 33% of stainless steel.
- No electrical corrosion is generated from contact with aluminum alloy.
- Excellent corrosion resistance, electroconductivity, and thermal conductivity.
- Cleanroom wash and cleanroom packing are completed. ➔ P.xxxx

- Also, anodized products are available. Please contact us for details.



Anodized



Anodized (Black)

Application

Weight saving of instruments and machines
FPD production equipment and semiconductor devices

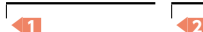
Unit : mm

Part Number 1	M (Coarse)		L 2										D1	L1	B	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread	Pitch															
SNSA-M3	M3	0.5	6	8	10	12	16	20				5.5	3	2.5	1650	0.24 - 0.46	
SNSA-M4	M4	0.7		8	10	12	16	20	25			7	4	3	2890	0.56 - 1.1	
SNSA-M5	M5	0.8			10	12	16	20	25			8.5	5	4	4680	0.91 - 1.6	
SNSA-M6	M6	1				12	16	20	25	30		10	6	5	6630	1.7 - 2.8	
SNSA-M8	M8	1.25					16	20	25	30	35	13	8	6	12000	4.1 - 6.4	

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

Part number specification

SNSA-M5-16



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	Available / Add'l charge