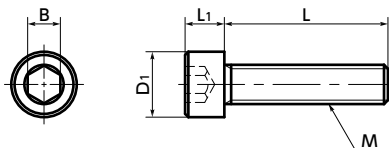


# SNSA Hex Socket Head Cap Screws - Aluminum



- Cleanroom wash & packaging
- Lightweight
- High Specific Strength



● Material/Finish



	<b>SNSA</b>
Main Body	A5056

● Mechanical property

	A5056	SUS304
Tensile Strength (N/mm <sup>2</sup> )	294	520 or Higher
0.2% Proof Stress (N/mm <sup>2</sup> )	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 <sup>-1</sup> )	24.1 × 10 <sup>-6</sup>	17.3 × 10 <sup>-6</sup>

● 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.
- Equivalent to JIS B 1176, ISO 4762, and DIN 912.
- 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

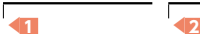
Unit : mm

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

Individual Sales → P.0000	Cleanroom Wash & Packaging → P.0000	Screw Length Adjustment → P.0000	Vibration Resistant → P.0000	Modification process for captive use → P.0000
1 piece in 1 pack	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge