SNSI1T Titanium Hex Socket Head Cap Screws with Captive Washers







◆ Vacuum

Cleanroom wash & packaging Chemical-proof

Non-Magnetic

Lightweight

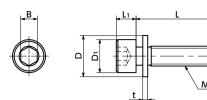
Easy operation











Material/Finish

Screw Body Plain Washer*1

₽ RoHS
SNSI1T
TW340 (Grade 2 Titanium)
TP340 (Grade 2 Titanium)

*1: The material of **SNSI1T-M3** is TP270 (grade 1 titanium).

Mechanical Properties

	TW270 (Grade 1 Titanium)	TW340 (Grade 2 Titanium)
Tensile Strength (N/mm²)	270 - 410	340 - 510
0.2% Proof Load (N/mm²)	165 or More	215 or More
Elongation (%)	27 or More	23 or More

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

Physical Properties

	TW270 (Grade 1 Titanium) TW340 (Grade 2 Titanium)							
Specific Gravity	4.51							
Melting Point (°C)	1668							
Longitudinal Elastic Modulus (GPa)	106							
Thermal Conductivity (W/($m \cdot K$))	17.16							
Linear Expansion Coefficient (K-1)	8.4 × 10 ⁻⁶							
Electric Resistance ($\mu\Omega \cdot m$)	0.55							
Amplitude Permeability (μ)	1.0001 (Nonmagnetic)							

- Values in chart are for reference only. They are not guaranteed values.
- Part Number Specification



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



- Titanium hex socket head cap screws with captive washers.
- Plain washers are integrated into the screws, preventing concerns about fallout issues. (Washer abbreviation: I=1)
- When using a washer in spot facing, workability is improved because the bolt and washer can be mounted and removed at the same time.
- The specific gravity is approximately 60% that of stainless steel.
- Non-magnetic.
- Excellent chemical resistance / seawater resistance.
- Special chemical polishing and brightening treatment improve the quality of the surface. Additionally, products have been cleanroom washed and packed. Cleanroom specification prevents oil and dirt from adhering.

SNSI1T







Application

Lighter-weight automobiles, aircrafts/aerospace equipment, robots, etc. FPD production equipment / Semiconductor manufacturing equipment / Electrical and electronic equipment / Offshore instruments / Plating facilities / General industrial equipment

															Unit:mm
Part Number	M (Coarse)		L 42							D ₁	D	L1	В	t	Mass (g)
rait Number	Nominal of Thread	Pitch													
SNSI1T-M3	M3	0.5	8	10	12	16				5.5	7	3	2.5	0.5	0.52 - 0.73
SNSI1T-M4	M4	0.7	8	10	12	16	20			7	9	4	3	0.8	1.1 - 1.7
SNSI1T-M5	M5	8.0		10	12	16	20	25		8.5	10	5	4	1	1.8 -3
SNSI1T-M6	M6	1			12	16	20	25	30	10	12.5	6	5	1.5	3.6 - 5.4

1 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 Available / Add'l charge | Not Available