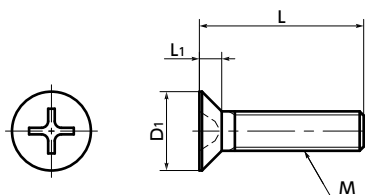




SNFT Cross Recessed Flat Head Machine Screws - Titanium

Cleanroom wash & packaging
 Chemical-proof
 Non-Magnetic
 Lightweight



Physical property

	TW270 (Grade 1 Titanium)
Specific Gravity	4.51
Melting Point (°C)	1668
Longitudinal Elastic Modulus (GPa)	106
Thermal Conductivity (W / (m · K))	17.16
Linear Expansion Coefficient (K ⁻¹)	8.4 × 10 ⁻⁶
Electric Resistance (μΩ · m)	0.55
Magnetic Permeability (μ)	1.0001 (Nonmagnetic)

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

Mechanical property

	TW270 (Grade 1 Titanium)
Tensile Strength (N/mm ²)	270 - 410
0.2% Proof Stress (N/mm ²)	165 or Higher
Elongation (%)	27 or Higher

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

- Specific gravity is approximately 60% of stainless steel.
- Nonmagnetic.
- Excellent chemical and seawater resistance.
- Chemical polishing and brightening processing improve the screw surface. Furthermore, the screws are cleanroom washed, cleanroom packed, and comply with clean specifications that require no oil or foreign matter deposits.
- About the features of titanium
- Also, titanium screws with special specifications such as ventilation holes, dimensions, shapes, cleanroom washing, and special packaging are available. Please contact our customer service.



Application

Lightweight applications in automobiles, aircrafts, spacecrafts, and robots FPD production equipment, semiconductor devices, electrical and electronic equipment, aquatic applications, and electrochemical plating

Material/Finish



	SNFT
Main Body	TW270 (Grade 1 Titanium)

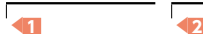
Unit : mm

Part Number ①	M (Coarse)			L ②				D1	L1	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
	Nominal of Thread	Pitch											
SNFT-M3	M3	0.5	6	8	10		6	1.75	2	2360	1	0.31 - 0.4	
SNFT-M4	M4	0.7	6	8	10	12	8	2.3	2	4120	2.4	0.59 - 0.86	

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

Part number specification

SNFT-M4-10



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	Available / Add'l charge	Available / Add'l charge	Not Available