

### ● 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 <sup>-1</sup> )	$8.4 \times 10^{-6}$
Electric Resistance ( $\mu\Omega \cdot m$ )	0.55
Amplitude Permeability ( $\mu$ )	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 <sup>2</sup> )	270 - 410
0.2% Proof Stress (N/mm <sup>2</sup> )	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 → P.xxxx

- 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

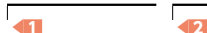
### ● Material/Finish

RoHS2 Compliant

	SNFT
Main Body	TW270 (Grade 1 Titanium)

### ● Part number specification

**SNFT-M4-10**



Unit : mm

Part Number 1	M	L 2				D1	L1	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
SNFT-M3	M3	6	8	10		6	1.75	2360	1	0.31 - 0.4
SNFT-M4	M4	6	8	10	12	8	2.3	4120	2.4	0.59 - 0.86

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

Part Number	Qty per pack
SNFT-M3	1
SNFT-M4	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 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Not Available