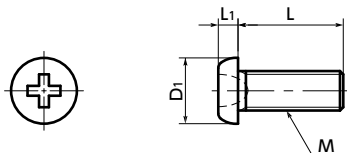


# SNZT Titanium Pan Head Machine Screws for Precision Instruments (Miniature Screws)



Cleanroom wash & packaging
 Chemical-proof
 Non-Magnetic
 Lightweight
 Miniature Size



## 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 × 10 <sup>-6</sup>
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 <sup>2</sup> )	270 - 410
0.2% Proof Stress (N/mm <sup>2</sup> )	165 or More
Elongation (%)	27 or More

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

- M1.6-M2.5 Grade 1 Titanium miniature screws for precision instruments.
- The specific gravity is approximately 60% that of stainless steel.
- Non-magnetic.
- Excellent chemical resistance / seawater resistance.
- Refer to for details about the characteristics of titanium.
- Removes the dirt that follows manufacturing, leaving a glossy finish. Additionally, products have been cleanroom washed and packed. Clean specification prevents oil and dirt from adhering.

**SNZT**



**Unprocessed**



## Application

Installation of FPD Manufacturing Equipment / Semiconductor Manufacturing Equipment / Electrical and Electronic Devices / Magnetic Sensors

## Material/Finish



	SNZT
Main Body	TW270 (Grade 1 Titanium)

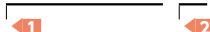
Unit : mm

Part Number	M (Coarse)		L				D1	L1	Cross-recessed Socket Number	Maximum Tightening Torque (N·m)	Mass (g)	Qty per pack
	Nominal of Thread	Pitch	3	4	5	6						
<b>SNZT-M1.6</b>	M1.6	0.35	3	4	5	6	2.3	0.5	0	0.07	0.023 - 0.037	10
<b>SNZT-M2</b>	M2	0.4	3	4	5	6	3	0.6	0	0.14	0.041 - 0.065	10
<b>SNZT-M2.5</b>	M2.5	0.45	4	5	6	8	3.8	0.8	0	0.29	0.096 - 0.16	10

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

## Part number specification

**SNZT-M2-4**



Individual Sales	Cleanroom Wash & Packaging	Screw Length Adjustment	Vibration Resistant	Modification process for captive use
Available / Add'l charge	Cleanroom washed and packed	Not Available	Available / Add'l charge	Not Available