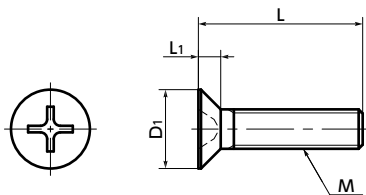


# SNFTG Cross Recessed Flat Head Machine Screws - High Intensity Titanium Alloy



- Cleanroom wash & packaging
- Chemical-proof
- Non-Magnetic
- High strength
- Lightweight



● Material/Finish  RoHS

	<b>SNFTG</b>
Main Body	Ti-15-3-3-3 (β Titanium)

● Physical property

	Ti-15-3-3-3 (β Titanium)
Specific Gravity	4.8
Longitudinal Elastic Modulus (GPa)	90
Amplitude Permeability (μ)	1.0002 (Nonmagnetic)

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

● Mechanical property

	Ti-15-3-3-3 (β Titanium)
Tensile Strength (N/mm <sup>2</sup> )	705 - 945
0.2% Proof Stress (N/mm <sup>2</sup> )	690 - 835
Elongation (%)	12 or Higher

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

- Screws made of high strength titanium alloy.
- Specific gravity is approximately 60% of stainless steel.
- Nonmagnetic.
- These screws are resistant to corrosion and are particularly strong against seawater.
- About the properties of titanium
- 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.

**SNFTG**

**Unprocessed**



● Application

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

Unit : mm

Part Number	M (Coarse)		L <span style="color: red;">← 2</span>							D1	L1	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	15	20	25					
<b>SNFTG-M3</b>	M3	0.5	6	8	10	12	15	20	25	6	1.75	2	4170	0.33 - 0.68
<b>SNFTG-M4</b>	M4	0.7		8	10	12	15	20	25	8	2.3	2	7520	0.73 - 1.5
<b>SNFTG-M5</b>	M5	0.8		8	10	12	15	20	25	10	2.8	2	11900	1.4 - 2.6

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

● Part number specification

**SNFTG-M5-20**



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

Individual Sales 1 piece in 1 pack	Cleanroom Wash & Packaging Cleanroom washed and packed	Screw Length Adjustment Available / Add'l charge	Vibration Resistant Available / Add'l charge	Modification process for captive use Not Available
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