

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







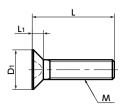












Physical property

	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/mm²)	705 - 945
0.2% Proof Stress (N/mm ²)	690 - 835
Elongation (%)	12 or Higher

- Values in chart are for reference only. They are not guaranteed
- Part number specification





- 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 → P.xxxx
- 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.

Unprocessed SNFTG



Application

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

Material/Finish



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	SNFTG
Main Body	Ti-15 - 3 - 3 - 3 (β Titanium)

Unit:mm

Part Number	M	L 1 2							D1		Tension*1 Rupture Load (N)	Mass (g)
SNFTG-M3	M3	6	8	10	12	15	20		6	1.75	4170	0.33 - 0.68
SNFTG-M4	M4		8	10	12	15	20	25	8	2.3	7520	0.73 - 1.5
SNFTG-M5	M5		8	10	12	15	20	25	10	2.8	11900	1.4 - 2.6

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Part Number	Qty per pack
SNFTG-M3	1
SNFTG-M4	1
SNFTG-M5	1

