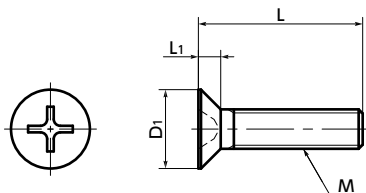


SNFTG Cross Recessed Flat Head Machine Screws - High Intensity Titanium Alloy



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



● Material/Finish



	SNFTG
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
Magnetic 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 ²)	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 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							D1	L1	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Mass (g)
	Nominal of Thread	Pitch	6	8	10	12	15	20	25					
SNFTG-M3	M3	0.5	6	8	10	12	15	20	25	6	1.75	2	4170	0.33 - 0.68
SNFTG-M4	M4	0.7		8	10	12	15	20	25	8	2.3	2	7520	0.73 - 1.5
SNFTG-M5	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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