

# SNPTG Cross Recessed Pan Head Machine Screws - High Intensity Titanium Alloy



WEB Selection Tool

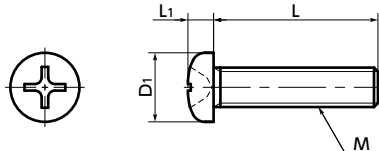
WEB CAD Download

Cleanroom wash & packaging

Non-Magnetic

High strength

Lightweight



## 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

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- 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.625
- 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.

**SNPTG**

**Unprocessed**



## Application

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

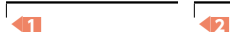
## Material/Finish

RoHS Compliant

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

## Part number specification

**SNPTG-M5-20**



Unit : mm

Part Number	M	L							D1	L1	Tension*1 Rupture Load (N)	Mass (g)
<b>SNPTG-M3</b>	M3	6	8	10	12	15	20		5.5	2	4170	0.33 - 0.68
<b>SNPTG-M4</b>	M4	6	8	10	12	15	20	25	7	2.6	7520	0.63 - 1.5
<b>SNPTG-M5</b>	M5		8	10	12	15	20	25	9	3.3	11900	1.4 - 2.6

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

Part Number	Qty per pack
<b>SNPTG-M3</b>	1
<b>SNPTG-M4</b>	1
<b>SNPTG-M5</b>	1

Individual Sales → P.794	Cleanroom Wash & Packaging → P.792	Screw Length Adjustment → P.796	Vibration Resistant → P.795	Modification process for captive use → P.791
1 unit in 1 bag	Cleanroom washed and packed	Available / Add'l charge	Available / Add'l charge	Available / Add'l charge