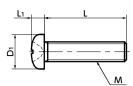
SNPTG Cross Recessed Pan Head Machine Screws - High Intensity Titanium Alloy







Cleanroom wash & packaging Chemical-proof 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/mm²) | 705 - 945 | | | |
| 0.2% Proof Stress (N/mm²) | 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
- 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.

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



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

Unit:mm

| | M (Coarse) | M (Coarse) | | | | | | | | | | Cross- | Tension*1 | |
|-------------|-------------------|------------|---|---|----|----|----|----|----|------|-----|----------|-----------|-------------|
| Part Number | Nominal of Thread | Pitch | | | | | | | | D1 I | L1 | recessed | | Mass (g) |
| SNPTG-M3 | M3 | 0.5 | 6 | 8 | 10 | 12 | 15 | 20 | | 5.5 | 2 | 2 | 4170 | 0.33 - 0.68 |
| SNPTG-M4 | M4 | 0.7 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 7 | 2.6 | 2 | 7520 | 0.63 - 1.5 |
| SNPTG-M5 | M5 | 0.8 | | 8 | 10 | 12 | 15 | 20 | 25 | 9 | 3.3 | 2 | 11900 | 1.4 - 2.6 |

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

• Part number specification



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



