

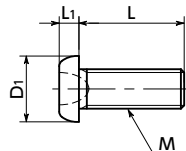
SNZP Phosphor Bronze Pan Head Machine Screws for Precision Instruments (Miniature Screws)



Cleanroom wash & packaging

Non-Magnetic

Miniature Size



Material/Finish



	SNZP
Main Body	C5191 (Phosphor Bronze)

Physical Properties

	Phosphor Bronze (C5191)	SUS304
Specific Gravity	8.83	7.93
Longitudinal Elastic Modulus (GPa)	105	193
Electric Resistance ($\mu\Omega \cdot m$)	0.13	0.7
Thermal Conductivity (W/(m·K))	67	17
Linear Expansion Coefficient (K^{-1})	18×10^{-6}	17.3×10^{-6}

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

Mechanical Properties

	SNZP	SUS304
Tensile Strength (N/mm ²)	435 or More	520 or More

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Magnetic Flux Density

	Phosphor Bronze	SUSXM7 (Equivalent to SUS304)
Magnetic Flux Density (T)	0	5×10^{-5}

Measuring device: 5080 Gauss (Tesla) Meter by F.W.BELL

Measuring conditions: DC magnetic field measurement mode

Probe and sample separation distance: 5 mm



- Phosphor bronze miniature screws for precision instruments.
- Pan head machine screw type with low head height. For applications with limited overhead space.
- Non-magnetic.
- Excellent resistance to fatigue, corrosion, and abrasion.
- Cleanroom wash/cleanroom packing provided.
- Application

FPD production equipment / Semiconductor manufacturing equipment /
Electronic equipment / Miniature precision devices
For making devices and equipment more compact

Unit : mm

Part Number	M (Coarse)		L							D ₁	L ₁	Cross-recessed Socket No.	Max. Torque (N·m)	Mass (g)	Qty per Pack
	Nominal of Thread	Pitch	3	4	5	6	8	10							
SNZP-M2	M2	0.4	3	4	5	6	8		3	0.6	0	0.18	0.08 - 0.18	20	
SNZP-M2.5	M2.5	0.45		4	5	6	8	10	3.8	0.8	0	0.35	0.17 - 0.38	20	

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

Part Number Specification

SNZP-M2-4



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