

To protect the privacy of customers or suppliers of Salamander Jewelry.
We erased their address from this document.

MILL TEST CERTIFICATE

Certificate No: #20191019

Date: 2019-10-19

Purchasing Company		/		P. I./P. O. No.		/		Batch Number	11J2017T0127
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard		Temperature
Titanium Round Bar, Annealed Centerless Grinding			Gr23	M	Dia3.5mm x 2000-3000mm	220KGS	ASTM F136		20°C
Titanium Round Bar, Annealed Centerless Grinding					Dia5mm x 2000-3000mm	290KGS	ASTM F136		

Chemical Composition (WT. %)

II Balance Ref. ASTM	Item Size	Fe	C	N	H	O	AL	V	Residuals	
		0.25Max	0.08 Max.	0.05 Max.	0.012 Max.	0.13 Max.	5.5-6.50	3.5-4.5	Each (≤0.1)	Total (≤0.4)
	Dia3.5mm x 2000-3000mm	0.14	0.017	0.029	0.001	0.09	5.95	4.1	≤0.1	≤0.4
	Dia5mm x 2000-3000mm									

Mechanical Strength

Inspection Item	Tensile Strength	0.2 Yield Strength	Elongation	Reduction of area	/	/
	(Rm/Mpa)	Rp0.2/Mpa	A(%)	Z(%) min.	/	/
Requirement	860	795	10 Min	25	/	/
Dia3.5mm x 2000-3000mm	985	930	23	38		
Dia5mm x 2000-3000mm	970	925	21	36	/	/

Other Testing

Testing Item	Dimensional Inspection	Surface Measurement	Micro Structure	Surface Contamination Test	Ultrasonic Test
Result	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE	/

Heroby certify this product conforms to all specifically listed technical requirements, and other requirements for these specifications. Furthermore, we certify that the above stated quantitative results were derived from testing and analysis and are accordance with the reference specification requirements

To protect the privacy of customers or suppliers of Salamander Jewelry.
We erased their address from this document.