

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

MILL TEST CERTIFICATE

Certificate No: #20151228

Date: 2015/12/28

Purchasing Company		/		P.I./P.O.No.	/		Batch Number	HJ2015T1735-2		
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard		Temperature	
Titanium Round Bar, Annealed Centerless Grinding			Gr23	M	Dia4.3mm x 2000-	480KGS	ASTM F136		20°C	
Titanium Round Bar, Annealed Centerless Grinding					Dia10mm x 2000-	300KGS	ASTM F136			
Chemical Composition (WT. %)										
TI Balance Ref. ASTM	Item	Fe	C	N	H	O	AL	V	Residuals	
	Size	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)
	Dia4.3mm x 2000-3000mm	0.12	0.019	0.018	<0.001	0.06	6	4	≤0.1	≤0.4
Dia10mm 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		/	/	
Dia4.3mm x 2000-3000mm	950	890		17		39				
Dia10mm x 2000-3000mm	935	880		18		36		/	/	
Other Testing										
Testing Item	Dimensional Inspection	Surface Measurement		Micro Structure		Surface Contamination Test		Ultrasonic Test		
Result	ACCEPTABLE	ACCEPTABLE		ACCEPTABLE		ACCEPTABLE		/		

Hereby 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.