

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

Certificate No. #20170728

Date: 2017/7/28

Purchasing Company		/		P.I./P.O.No.	/		Batch Number	HJ2017T1775-23			
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	Size	Item	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)
	Dia4.3mm x 2000-3000mm	0.12	0.019	0.018	<0.001	0.06	6	4	≤0.1	≤0.4	
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

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