

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

Certificate No: #20170216

Date: 2017/2/16

Purchasing Company			/		P.I./P.O.No.	/		Batch Number	HJ2017R1007		
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard		Temperature		
Titanium Round Bar, Annealed Centerless Grinding			Gr23	M	Dia4.1mm x 2000-	400KGS	ASTM F136		20°C		
Titanium Round Bar, Annealed Centerless Grinding					Dia6mm x 2000-3000mm	580KGS	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)
	Dia4.1mm x 2000-3000mm	0.08	0.017	0.021	<0.001	0.08	6.03	4.1	≤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		/	/	
Dia4.1mm x 2000-3000mm	965		910		32		49				
Dia6mm x 2000-3000mm	980		917		34		48		/	/	
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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