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Purchasing Company		/		P.I./P.O.No.	/		Batch Number	HJ2018T1026		
Commodity		Material	Condition	Size & Specification	Quantity	Products Standard		Temperature		
Titanium Round Bar, Annealed Centerless Grinding		Gr23	M	Dia3mm x 2000-3000mm	280KGS	ASTM F136		20°C		
Titanium Round Bar, Annealed Centerless Grinding				Dia4mm x 2000-3000mm	360KGS	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)
	Dia3mm x 2000-3000mm	0.042	0.021	0.025	<0.001	0.09	5.83	3.96	≤0.1	≤0.4
Dia4mm 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		/	/	
Dia3mm x 2000-3000mm	1005	920		21		36				
Dia4mm x 2000-3000mm	1000	910		19		34		/	/	
Other Testing										
Testing Item	Dimensional Inspection	Surface Measurement		Micro Structure		Surface Contamination		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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