33,35,37,39

CORROSION MATERIALS TEST REPORT

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Baker, LA 70714
(225) 775 - 3675 (Main Office)
(225) 778 - 6436 (Quality Control)
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Date: 3/9/2006

Customer: Dial Machine

C89385

PO No: 102437 & 102669

CMI No: C83758

Alloy: TI GR2 Heat No: 087-1

Quantity: 4 PCS

Item Description: 12" DIA RND BAR X 137"

Specifications DIN 50049 3.1B ASTM B348, ASME SB348
EN 10204 3.1B

Chemical Components

C	CO	CR	CU	FE	MN	MO	NI	P	S
0.01	—	—	—	0.06	—	—	—	—	—
SI	**TI**	**V**	**W**	**CB+TA**	**SN**	**AL**	**ZN**	**PB**	**N**
—	—	—	—	—	—	—	—	—	0.013

Mechanical Properties

Tensile Strength: Elongation in 2":

Yield Strength: Reduction in Area:

Hardness:

Remarks: O=0.06, H=0.002, TI=BAL
CHEMISTRY ONLY
MATERIAL HAS BEEN ANNEALED PER AMS-H-81200 AND WAS ANNEALLED AT 1200 DEG FOR 4 HOURS.

The information stated in this document is true and accurate based upon information acquired by and maintained on file at Corrosion Materials.

Certified by: Tom Holstein

Title: Quality Control Coordinator

According to records provided by mill sources, all material has been manufactured free from mercury.
Corrosion Materials is an ISO 9001-2000 certified company, registered with RWTUV USA.

International Company «ANTARES»

CERTIFICATE OF QUALITY № 283

Kind of product								titanium cast cylindrical billet						Tu U 27.4-20056770-001-2003	
Customer	"M-Solutions LLC"												CONTRACT № 29/10	dated 29.10.2003	
Material	Grade 2												ASTM B 348	Date of issue: 12.07.2005	
Size, mm Diameter length	Weight 1 kg	№ of melting	Place of test	Chemical specification, %										Ultrasonic test	Condition of surface
				Ti	Fe	O	N	H	C	Residuals (each) max	Residuals (total) max				
807 X 3785	8726	987-1	Top	Base	0.06	0.05	0.013	0.002	0.01	≤ 0,1	≤ 0,4			acceptable	machined
			Bottom		0.06	0.05	0.013	0.002	0.01	≤ 0,1	≤ 0,4				

Chief of technological department — Derecha A.Y.

Chief of quality control department — Krivoshlykov U.M.