21,23,25,27,29,31

CORROSION MATERIALS TEST REPORT

2262 Groom Rd.
Baker, LA 70714
(225) 775 - 3675 (Main Office)
(225) 778 - 6436 (Quality Control)
(225) 778 - 6489 (Fax)

Date: 3/9/2006

Customer: Dial Machine

PO No: 102437 & 102669

CMI No: C89385 C83758

Alloy: TI GR2 Heat No: 089-1 Quantity: 6 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
0.02	—	—	—	0.05	—	—	—	—	—
SI	TI	V	W	CB+TA	SN	AL	ZN	PB	N
—	—	—	—	—	—	—	—	—	0.010

Mechanical Properties

Tensile Strength: Elongation in 2":

Yield Strength: Reduction in Area:

Hardness:

Remarks: O=0.10, 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 № 285

Kind of product				titanium cast cylindrical billet							Tu U 27.4-20056770-001-2003		
Customer	"Rovena" / "M-Solutions LLC"								CONTRACT № 26/05-05			dated 26.05.2005	
Material	Grade 2							ASTM B 348-00				Date of issue: 14.07.2005	
Size, mm Diam x length	Weight 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 3437	7906	089-1	Top	Base	0.06	0.07	0.010	0.002	0.02	≤ 0,1	≤ 0,4	acceptable	machined
			Bottom		0.05	0.10	0.010	0.002	0.02	≤ 0,1	≤ 0,4		

Chief of technological department — Derecha A.Y.

Chief of quality control department — Krivoshlykov U.M.

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