

Notes:

1.- Engrave "TSH-GD-07.0010 Rev ...Pos" Rev. number according to Pos. Revision column of the table. Pos. Revision is independent from drawing revision.

Rev

DESCRIPTION First issued.

DATE

APPROVED

REVISIONS

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- Engrave Thread and Seal. Words shall be 0.8mm deep.
- 3.- Material: Thyrodur 2990.

Heat treatment:

c) Cooling: Subzero up to -80°C and then tempered twice at 520°C. Hardness required 58-60 HRC b) Vacuum quenching from an austenitising temperature of 1070 - 1080°C to room temperature. a) Stress Relief at 650°CX 2 hours, as an intermediate step between machining and grinding.

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Added pos, 7 & Pos, Rev. column; Updated notes 1 & 10.

17-Jul-14 N.CROWLEY 31-Mar-14 N.CROWLE 17-Sep-13|N.CROWLE 03-Sep-13|N.CROWLE 23-Aug-13|N.CROWLE\

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Changed Pos. 1 SS value. Was 164,629, Is 164,626, Changed Pos. SS value, Was 172,609, Is 172,606, Updated notes 10 and 11. Corrected SAP line. Added Pos. 3 and 4.

Pos 1 S or ØS is 242.980 was 243.000 Pos 2 S or ØS is 334.600 was 334.620 Added pos. 5 and pos. 6; Updated note 10

- 4.- Serial Number (according to vendor's identification)
- 5.- Taper surfaces for thread and seal axis shall be perpendicular to the reference surface
- 6.- Dimensions S, SAP, T, ATP, SS; Angle A and Angle B shall be certified.
- 7.- Corrosion protection and packaging shall be according to TenarisConnections specification.
- 9.- Mark seal setting point on both seal pads. 8.- Certificate shall be according TenarisConnections specification.
- 10.- Setting standard Pos. 1 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-9875-6880-SD-PDDS-C. Setting standard Pos. 6 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-10000-7390-PDDS-A Setting standard Pos. 4 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-14000-11400-PDDS-B. Setting standard Pos. 7 IAW PREN drawings PREN-PC-TBM Rev. 03 and TBM-7750-4610-PDDS-B. Setting standard Pos. 5 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-7000-4100-PDDS-C. Setting standard Pos. 2 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-13625-8820-PDDS-D. Setting standard Pos. 3 IAW PREN drawings PREN-PC-TBM Rev. 02 and TBM-10125-7930-PDDS-D.
- 11.- Face to shoulder gage contact tip diameter shall be 0.200"

					HST	-GD-71.000	TSH-GD-71.0002 - Box Seal and Thread Standard	al and Threa	ad Standar	ď					
Position	Pos. Revision Diameter	า Diameter	Þ	ATP (ref.) T or ØT	T or ØT	В	SAP (ref.) S or ØS	S or ØS	STP	SL	SR	R or ØR	SSP	WS	SS
თ	01	7"	92.519	80.301	172.810	94.086	120.970 168.680	168.680	72.3	202	67	178	113.5	298	138.886
7	01	7 3/4"	92.519	75.031	192.010	94.086	115.700 187.880	187.880	67.0	197	67	197	108.2	317	133.616
1	03	9 7/8"	92.519	101.861 247.310 94.086	247.310	94.086	141.710 242.980	242.980	93.9	237	81	252	134.2	372	164.626
တ	01	10"	92.519	111.791	247.310	94.086	111.791 247.310 94.086 151.640 242.980	242.980	103.8	247	81	252	144.1	372	174.556
ω	01	10 1/8"	92.519	101.471 251.410 94.086	251.410	94.086	141.320 247.100	247.100	93.5	237	81	256	133.8	376	164.236
2	03	13 5/8"	92.519	108.081	339.210	94.086	149.690	334.600	100.1	255	91	344	142.2	464	172.606
4	01	14"	92.519	92.519 118.981 348.710 94.086	348.710	94.086	160.600 344.120	344.120	111.0	266	91	354	153.1	474	183.516

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RELEASED	APPROVED	APPROVED	QA	MFG		ENGINEER	CHECKED	PREPARED
		APPROVED N.CROWLEY 23/Aug/13 SIZE					CHECKED E.MARTINEZ 23/Aug/13	PREPARED A.OGGERO e3/Aug/13
		23/Aug/13					23/Aug/13	23/Aug/13
SCALE	Α4	SIZE						
· WT.		CODE IDENT NO.	Box Seal ar			Tenaris		
	TSH-GD-79,0002	DRAWING NO.	Seal and Inread Standard	- - -		TenarisHydril Blue Max		
SHEET 2	.0002		tandard	-		√a ×		

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