

Notes:

Format change. Added Pos. 17. Added note 9. DESCRIPTION

15/Nov/13 N.CROWLEY DATE APPROVED REVISIONS

- Engrave "TSH-GD-01.0002 Rev ...Pos"
 Engrave Thread and Seal. Words shall be 0.8mm deep.
 Material: Thyrodur 2990.

- a) Stress Relief at 650°CX 2 hours, as an intermediate step between machining and grinding.
 b) Vacuum quenching from an austenitising temperature of 1070 1080°C to room temperature.
 c) Cooling: Subzero up to -80°C and then tempered twice at 520°C. Hardness required 58-60 HRC. Heat treatment:
- 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, T, ATP, SS, Angle A and Angle B shall be certified.
 7. Corrosion protection and packaging shall be according to TenarisConnections specification.
- 8.- Certificate shall be according TenarisConnections specification.9.- Mark seal setting point on both seal pads.

15	14	13	12	11	10	9	8	17	7	ဝ	Ω	4	3	16	2		Position
8 5/8" LW	14"	13 1/2"	13 5/8"	13 3/8"	11 7/8"	11 3/4"	10 3/4"	10 1/4"	9 7/8"	9 5/8"	8 5/8"	7 3/4"	7 5/8"	7 1/4"	7"	6 5/8"	Diameter
92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	92.434	Ą°
215.747	348.737	337.547	339.847	334.047	296.447	293.747	268.247	256.045	244.847	239.247	213.847	191.347	188.647	179.253	173.147	164.147	T or ØT
63.723	118.463	100.253	100.253	100.093	92.283	85.233	85.183	77.950	86.473	85.563	86.123	84.163	73.393	72.500	71.953	71.833	ATP (ref.)
215	352	339	341	336	300	295	270	270	246	241	215	193	190	182	175	166	Z
55.7	110.4	92.3	92.4	92.2	84.35	77.3	77.3	77.3	78.6	77.7	78.2	76.3	65.5	64.5	64.1	63.9	STP
94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	94.764	œ̈
94.764 211.904	344.344	333.364	335.664	329.934	292.434	289.774	264.174	251.464	241.034	235.364	210.004	187.564	184.854	175.504	169.414	160.424	S or ØS
106.080 70 335 16 176.	163.430 80	145.080 80	145.080 80	145.080	136.010	128.480	128.480	128.478 70	128.480	128.480 70	128.480 70	126.020	115.420	114.340 60	113.610 60	113.610	SS
70	80	80	80	80	80	80	70	70	70	70	70	60	60	60	60	8	SR
335	485	479	481	476	440	435	390	380	366	361	335	293	290	282	275	266	WS
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	SZ
176.7	241.4	223.3	16 223.3	223.1	215.3	208.2	198.2	198.2	199.5	198.6	199.1	187.2	176.4	175.5	175	174.8	SE

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RELEASED	APPROVED	APPROVED	QA	MFG		ENGINEER	CHECKED	PREPARED		
		N.CROWLEY					CHECKED A.DGGERD 15/Nov/13	PREPARED S.NEVLUD 15/1001/13		
		15/Nov/13					15/Nov/13	15/Nov/13		
SCALE	SIZE A4		_			·				
М		APPROVED N.CROWLEY 15/100/13 SIZE CODE IDENT NO.		טיא טרע	D) () () ()	⊣				
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SHEET 2 OF 2	TSH-GD-01,0002		6 5/8" to 14"	שטא טפער ערום ודוד פעם טיערוסער ס		TenarisHydril Blue				
) OF 2	11	REVISION			- 					