



CONNECTION DATA SHEET

1 1/4"	3.02 ft/lbs.	CS Hydril	N-80	L-80	T-95	P-110
<u>TUBULAR DATA</u>						
Tube O.D. (in.)			1.66	1.66	1.66	1.66
Tube I.D. (in.)			1.278	1.278	1.278	1.278
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.191	0.191	0.191	0.191
Drift Dia. (in.)			1.184	1.184	1.184	1.184
Pipe Body CSA (in. squared)			0.881	0.881	0.881	0.881
Yld. In Tension (lbs.)			71,000	71,000	84,000	97,000
Internal Pressure Yld. (psi)			16,110	16,110	19,130	22,150
Collapse Pressure Yld. (psi)			16,290	16,290	19,350	22,400
Tube Compression Yld. (lbs.)			71,000	71,000	84,000	97,000
Torsion Yld. (ft.-lbs.)			2,241	2,241	2,661	3,082
Bending Yld. (deg./100ft.)			221	221	262	304
<u>CONNECTION DATA</u>						
Connection O.D. (in.)			1.927	1.927	1.927	1.927
Connection I.D. (in.)			1.218	1.218	1.218	1.218
S/C Dia. (in.)			N/A	N/A	N/A	N/A
Make-Up Loss (in.)			2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			0.874	0.874	0.874	0.874
Tension Efficiency (%)			103	103	103	103
String Length (1.6 SF) (ft.)			14,690	14,690	17,380	20,080
Conn. Int. Yld. (psi.)			16,110	16,110	19,130	22,150
Conn. Collapse Yld. (psi.)			16,290	16,290	19,350	22,400
Conn. Compression (psi.)			71,196	71,196	84,545	97,895
Conn. Torsion Yld. (lbs.)			1,448	1,448	1,719	1,990
Conn. Bending Yld (deg./100ft.)			277.3	277.3	329.3	381.3
Operating Torque (ft-lbs)			1,158	1,158	1,375	1,592
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>						
Minimum Make-Up Torque (ft.-lbs)			600	600	600	600
Optimum Make-Up Torque (ft.-lbs)			675	675	675	675
Maximum Make-Up Torque (ft.-lbs)			750	750	750	750

The content of this Technical Data Sheet is for general information only and does not guarantee performance or imply fitness for a particular purpose, which only a competent drilling professional can determine considering the specific installation and operation parameters. Information that is printed or downloaded is no longer controlled by Woolley Tool Inc. and might not be the latest information. Anyone using the information herein does so at their own risk. To verify that you have the latest Woolley Tool, Inc. technical information, please contact at 903-984-3553 or email at TechnicalSupport@woolleytool.com.