



CONNECTION DATA SHEET

1 1/2"	2.90 ft/lbs	CS Hydril	N-80	L-80	T-95	P-110	S-135
<u>TUBULAR DATA</u>							
Tube O.D. (in.)			1.9	1.9	1.9	1.9	1.9
Tube I.D. (in.)			1.5	1.5	1.5	1.5	1.5
Grade			N-80	L-80	T-95	P-110	S-135
Wall (in.)			0.200	0.200	0.200	0.200	0.200
Drift Dia. (in.)			1.406	1.406	1.406	1.406	1.406
Pipe Body CSA (in. squared)			1.068	1.068	1.068	1.068	1.068
Yld. In Tension (lbs.)			85,000	85,000	101,000	117,000	144,000
Internal Pressure Yld. (psi)			14,740	14,740	17,500	20,260	24,870
Collapse Pressure Yld. (psi)			15,070	15,070	17,900	20,720	25,430
Tube Compression Yld. (lbs.)			85,000	85,000	101,000	117,000	144,000
Torsion Yld. (ft.-lbs.)			3,168	3,168	3,762	4,356	5,346
Bending Yld. (deg./100ft.)			193	193	230	265	326
<u>CONNECTION DATA</u>							
Connection O.D. (in.)			2.162	2.162	2.162	2.162	2.162
Connection I.D. (in.)			1.440	1.440	1.440	1.440	1.440
S/C Dia. (in.)			N/A	N/A	N/A	N/A	N/A
Make-Up Loss (in.)			2.220	2.220	2.220	2.220	2.220
Conn. CSA (in. squared)			1.034	1.034	1.034	1.034	1.034
Tension Efficiency (%)			100	100	100	100	100
String Length (1.6 SF) (ft.)			14,600	14,600	17,340	20,090	24,720
Conn. Int. Yld. (psi.)			14,740	14,740	17,500	20,260	24,870
Conn. Collapse Yld. (psi.)			15,070	15,070	17,900	20,720	25,430
Conn. Compression (psi.)			84,297	84,297	100,103	115,908	142,251
Conn. Torsion Yld. (lbs.)			1,945	1,945	2,310	2,675	3,283
Conn. Bending Yld (deg./100ft.)			228.1	228.1	270.8	313.6	384.9
Operating Torque (ft-lbs)			1,556	1,556	1,848	2,140	2,626
<u>RECOMMENDED MAKE-UP TORQUE (FT-LBS)</u>							
Minimum Make-Up Torque (ft.-lbs)			800	800	800	800	800
Optimum Make-Up Torque (ft.-lbs)			900	900	900	900	900
Maximum Make-Up Torque (ft.-lbs)			1,000	1,000	1,000	1,000	1,000

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.