



CONNECTION DATA SHEET

1 1/4"	3.24 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.)			1.264	1.264	1.264	1.264
Grade			N-80	L-80	T-95	P-110
Wall (in.)			0.198	0.198	0.198	0.198
Drift Dia. (in.)			1.17	1.17	1.17	1.17
Pipe Body CSA (in. squared)			0.909	0.909	0.909	0.909
Yld. In Tension (lbs.)			73,000	73,000	86,000	100,000
Internal Pressure Yld. (psi)			16,700	16,700	19,830	22,960
Collapse Pressure Yld. (psi)			16,810	16,810	19,960	23,110
Tube Compression Yld. (lbs.)			73,000	73,000	86,000	100,000
Torsion Yld. (ft.-lbs.)			2,294	2,294	2,724	3,154
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.)			1.200	1.200	1.200	1.200
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)			0.909	0.909	0.909	0.909
Tension Efficiency (%)			104	104	104	104
String Length (1.6 SF) (ft.)			14,080	14,080	16,590	19,290
Conn. Int. Yld. (psi.)			16,700	16,700	19,830	22,960
Conn. Collapse Yld. (psi.)			16,810	16,810	19,960	23,110
Conn. Compression (psi.)			73,995	73,995	87,869	101,743
Conn. Torsion Yld. (lbs.)			1,502	1,502	1,783	2,065
Conn. Bending Yld (deg./100ft.)			276.9	276.9	328.8	380.8
Operating Torque (ft-lbs)			1,202	1,202	1,426	1,652
<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.