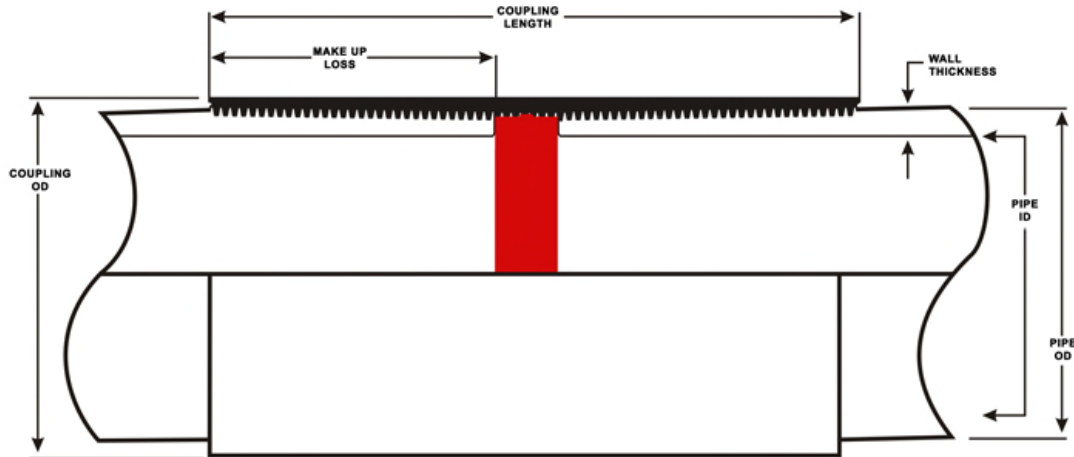




PAT# 7,510,219 US
REV. # 7 09/02/2015
PART # TD-7.00-23.00-N/L80

TDI-FCR



7 (7.000)'' OD 23.00 lb/ft N/L80 BTC

Pipe

Plain End Weight	Wall Thickness	Inside Diameter	Drift Diameter	Plain End Area	Longitudinal Plain End Yield	Internal Yield	Collapse Pressure
Lbs/Ft	Inches	Inches	Inches	Sq. Inches	Lb	PSI	PSI
22.65	0.317	6.366	6.241	6.656	532,500	6,340	3,830

Connection

Coupling Outside Diameter		REGULAR Coupling Length	REGULAR Make-up Loss	Longitudinal Joint Strength (Pipe Body)
Standard	Sp. Clearance			
Inches	Inches	Inches	Inches	Lb
7.656	7.375	10.000	4.560	588,000

Pressure

Internal Pressure Resistance
PSI
6,340

Torque

Using MIN PFW Pin Face Width 75%	Min. Ft-lb	Opt. Ft-lb	Max. Ft-lb
Est Make-Up Torque	3,500	4,500	5,500
Delta Torque	2,850	7,400	11,900
Total Torque	6,350	11,900	17,400

Compression

Maximum Lb
297,800

Bending

Max. Bend Radius
°/100'
42°

Tension

Max. Rec. Setting Depth	
Feet	S.F.
15,980	1.6

Note:

Delta torque is the torque applied after pin nose/center ring contact. Delta Torque is 75% of recommended to allow for Minimum PFW. Add the makeup torque to the Delta Torque to obtain the total torque.

Caution: Est Make-up Torque values and Final Field Torque Values are approximation and for guidance only.