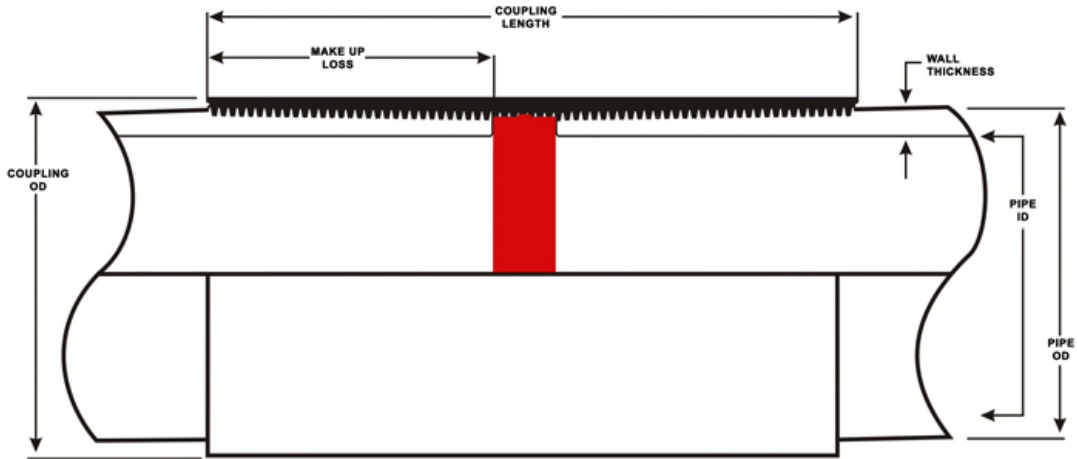




PAT# 7,510,219 US
REV. # 7 09/02/2015
PART # TD-5.00-18.00- NL80

# TDI-FCR



## 5 (5.000)'' OD 18.00 lb/ft NL80 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
17.95	0.362	4.276	4.151	5.275	422,000	10,140	10,500

### Connection

Coupling Outside Diameter		REGULAR Coupling Length	REGULAR Make-up Loss	Longitudinal Joint Strength (Pipe Body)
Standard	Sp. Clearance			
Inches	Inches	Inches	Inches	Lb
5.563	5.375	9.125	4.123	477,000

### Pressure

Internal Pressure Resistance
PSI
10,140

### Torque

Using MIN PFW Pin Face Width 75%	Min. Ft-lb	Opt. Ft-lb	Max. Ft-lb
Est Make-Up Torque	4,000	5,000	6,000
Delta Torque	3,075	5,550	8,025
Total Torque	7,075	10,550	14,025

### Compression

Maximum Lb
274,800

### Bending

Max. Bend Radius
°/100'
59

### Tension

Max. Rec. Setting Depth	
Feet	S.F.
16,560	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.**