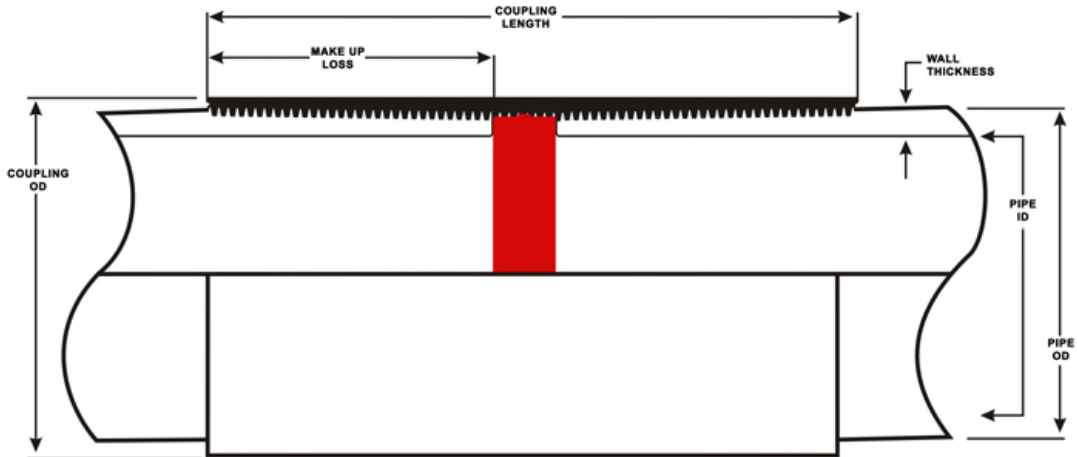




PAT# 7,510,219 US
REV. # 7 09/02/2015
PART # TD-7.00-23.00-P110

# TDI-FCR



## 7 (7.000)'' OD 23.00 lb/ft P-110 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	732,200	8,720	4,440

### 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	752,000

### Pressure

Internal Pressure Resistance
PSI
8,720

### 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	3,900	10,150	16,425
Total Torque	7,900	15,150	22,425

### Compression

Maximum Lb
409,500

### Bending

Max. Bend Radius
°/100'
58°

### Tension

Max. Rec. Setting Depth	
Feet	S.F.
20,400	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.**