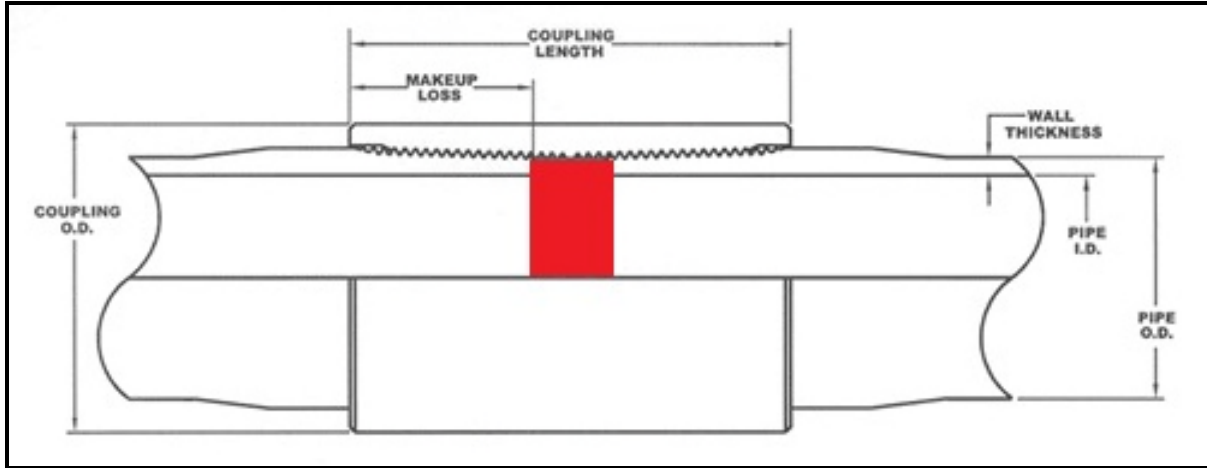




PAT# 7,510,219 US
REV. # 7 09/02/2015
PART # TD-3.500-9.30-L/N80

# TDI-FCR



## 3-1/2 (3.500)'' OD 9.30 lb/ft L/N80 EUE Tubing

### 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
8.81	0.254	2.992	2.867	2.590	207,300	10,160	10,530

### Connection

Coupling Outside Diameter		REGULAR Coupling Length	REGULAR Make-up Loss	Connection Critical X-Section	Longitudinal Joint Strength (Pipe Body)
Standard	Sp. Clearance				
Inches	Inches	Inches	Inches	Sq.inches	Lb
4.500	4.180	5.750	2.435	2.950	207,000

### Pressure

Internal Pressure Resistance
PSI
10,160

### Torque

Using MIN PFW Pin Face Width 75%	Min. Ft-lb	Opt. Ft-lb	Max. Ft-lb
Est Make-Up Torque	2,350	3,100	3,900
Delta Torque	1,700	3,100	4,450
Total Torque	4,050	6,200	8,350

### Compression

Maximum Lb
240,700

### Bending

Max. Bend Radius
°/100'
105

### Tension

Max. Rec. Setting Depth	
Feet	S.F.
13,910	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.**