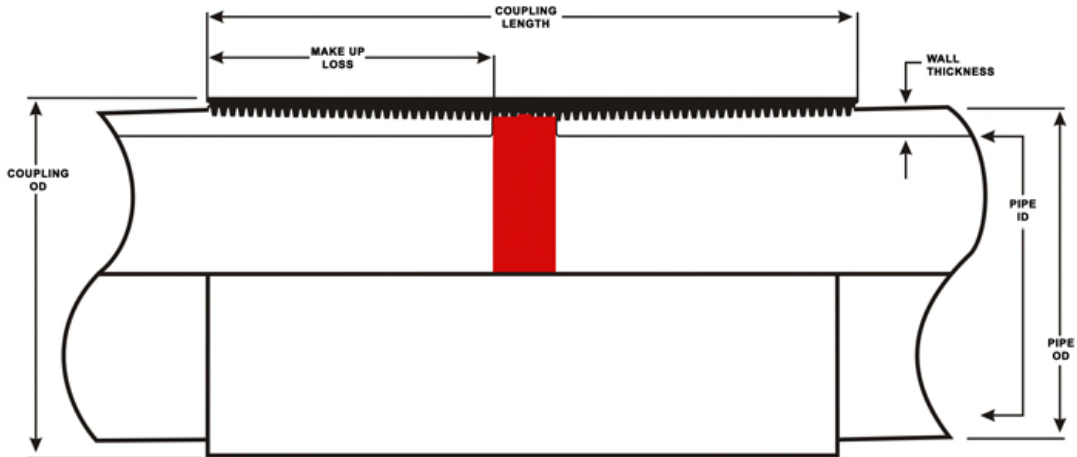




| |
|----------------------------|
| PAT# 7,510,219 US |
| REV. # 7 09/02/2015 |
| PART # TD-7.00-29.00-N/L80 |

TDI-FCR



7 (7.000)'' OD 29.00 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 |
| 28.75 | 0.408 | 6.184 | 6.059 | 8.449 | 676,000 | 8,160 | 7,020 |

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 | 746,000 |

Pressure

| |
|------------------------------|
| Internal Pressure Resistance |
| PSI |
| 8,160 |

Torque

| Using MIN PFW Pin Face Width 75% | Min. Ft-lb | Opt. Ft-lb | Max. Ft-lb |
|----------------------------------|------------|------------|------------|
| Est Make-Up Torque | 6,000 | 7,000 | 8,000 |
| Delta Torque | 5,550 | 11,850 | 18,225 |
| Total Torque | 11,550 | 18,850 | 26,225 |

Compression

| |
|------------|
| Maximum Lb |
| 443,500 |

Bending

| |
|------------------|
| Max. Bend Radius |
| °/100' |
| 42° |

Tension

| | |
|-------------------------|------|
| Max. Rec. Setting Depth | |
| Feet | S.F. |
| 16,080 | 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.