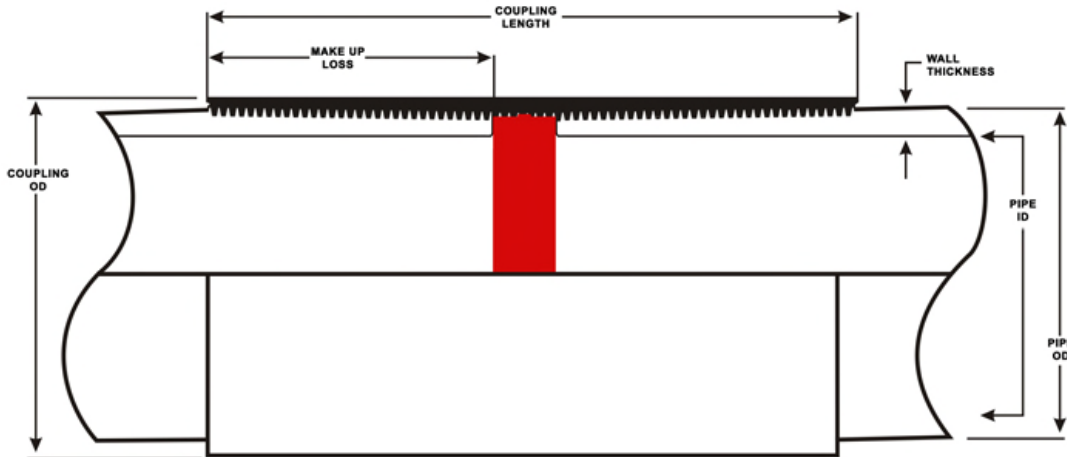




|                            |
|----------------------------|
| PAT# 7,510,219 US          |
| REV. # 7 09/02/2015        |
| PART # TD-5.50-17.00-N/L80 |

# TDI-FCR



## 5-1/2" (5.50)" OD 17.00 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               |
| 16.89            | 0.304          | 4.892           | 4.767          | 4.962          | 397,000                      | 7,740          | 6,290             |

### Connection

| Coupling Outside Diameter |               | REGULAR Coupling Length | REGULAR Make-up Loss | Longitudinal Joint Strength (Pipe Body) |
|---------------------------|---------------|-------------------------|----------------------|---|
| Standard                  | Sp. Clearance |                         |                      |   |
| Inches                    | Inches        | Inches                  | Inches               | Lb                                      |
| 6.050                     | 5.875         | 9.250                   | 4.185                | 446,000                                 |

### Pressure

|                              |
|------------------------------|
| Internal Pressure Resistance |
| PSI                          |
| 7,740                        |

### Torque

| Using MIN PFW Pin Face Width 75% | Min. Ft-lb | Opt. Ft-lb | Max. Ft-lb |
|----------------------------------|------------|------------|------------|
| Est Make-Up Torque               | 5,000      | 5,500      | 6,000      |
| Delta Torque                     | 2,100      | 4,687      | 7,275      |
| Total Torque                     | 7,100      | 10,187     | 13,275     |

### Compression

|            |
|------------|
| Maximum Lb |
| 226,000    |

### Bending

|                  |
|------------------|
| Max. Bend Radius |
| °/100'           |
| 53               |

### Tension

|                         |      |
|-------------------------|------|
| Max. Rec. Setting Depth |      |
| Feet                    | S.F. |
| 16,400                  | 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.**