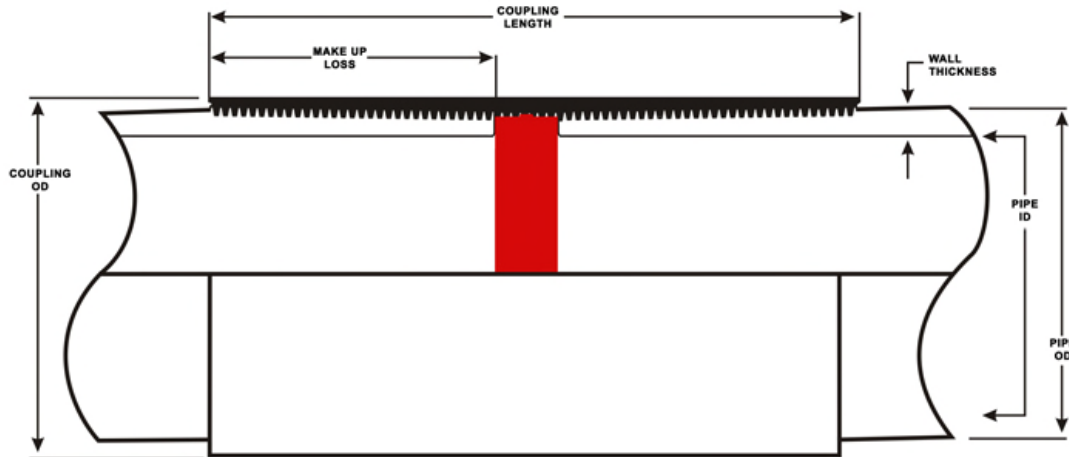




PAT# 7,510,219 US
REV. # 7 09/02/2015
PART # TD-13.375-54.50-N80

TDI-FCR



13-3/8 (13.375)" OD 54.50 lb/ft N-80 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
52.74	0.380	12.615	12.459	15.514	1,241,100	3,980	1,140

Connection

Coupling Outside Diameter		REGULAR Coupling Length	REGULAR Make-up Loss	Longitudinal Joint Strength (Pipe Body)
Standard	Sp. Clearance			
Inches	Inches	Inches	Inches	Lb
14.375	None	10.625	4.873	1,265,000

Pressure

Internal Pressure Resistance
PSI
3,980

Torque

Using MIN PFW Pin Face Width 75%	Min. Ft-lb	Opt. Ft-lb	Max. Ft-lb
Est Make-Up Torque	12,000	13,000	14,000
Delta Torque	9,150	35,250	61,350
Total Torque	21,150	48,250	75,350

Compression

Maximum Lb
753,000

Bending

Max. Bend Radius
°/100'
20°

Tension

Max. Rec. Setting Depth	
Feet	S.F.
14,500	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.