



ERADS-DTA-412BTC13.5P110
REV2.0
DATE: 26/09/23

ERA TorQ

4 1/2 BTC 13.5ppf P110

Pipe

Plain End Weight	Wall Thickness	Inside Diameter	Drift Diameter	Pipe grade	Body Yield Strength	Internal Yield	Collapse Pressure
Lbs/Ft	Inches	Inches	Inches		Lb	PSI	PSI
13.50	0.290	3.920	3.795	P110	422,000	12,410	10,680

Connection

Coupling Outside Diameter	REGULAR Coupling Length	REGULAR Make-up Loss	ERA TorQ ring height	ERA TorQ ring OD	ERA TorQ ring ID
Standard					
Inches	Inches	Inches	Inches	Inches	Inches
5.000	8.875	3.938	0.921	4.300	3.920

Torque

FT LBS APPLIED	Min Make up	MAX NO TORQUE TURN	MAX WITH TORQUE TURN
PIN / RING CONTACT	4,500	4,500	4,500
DELTA TORQUE	4493	8,986	11,233
Total	8,993	13,486	15,733

Note 1: For maximum field efficiency ensure that TT computer monitoring is used if maximum torque figure is required. Note 2: Delta torque yield point of torque ring is 22,467 ftlbs. This means that the torque ring will collapse if you apply 22,467 ftlbs of Delta torque into the torque ring itself, excluding your pin / ring contact torque with triangle down.

For further information on field application parameters please contact:
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