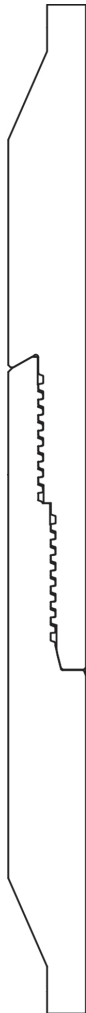




## CONNECTION PERFORMANCE DATA

3 1/2 in 12.95 lbs/ft P110 110K BTS®-6

BTS®-6 provides high-torque capability with a durable two-step geometry optimized for demanding load cases and repeated make-and-break cycles.



### TUBULAR DATA

TUBE O.D.	3.500	in
TUBE I.D.	2.750	in
TUBE WALL	0.375	in
DRIFT DIA.	2.625	in
PIPE BODY CSA	3.682	in <sup>2</sup>
MATERIAL SMYS	110,000	psi
TENSION YLD.	405,000	lbs
COMPRESSION YLD.	405,000	lbs
INTERNAL PRESSURE YLD.	20,630	psi
COLLAPSE PRESSURE YLD.	21,050	psi
BENDING YLD.	144.0	deg/100ft
TORSION YLD.	27,557	ft-lb

### CONNECTION DATA

CONNECTION O.D.	4.313	in	
CONNECTION I.D.	2.687	in	
S.C. DIA.	4.189	in	
MAKE-UP LOSS	3.350	in	
CONNECTION CSA	4.319	in <sup>2</sup>	
STRING LENGTH	19,550	ft	
TENSION YLD.	482,000	lbs	119.00% eff
COMPRESSION YLD.	576,730	lbs	142.00% eff
INTERNAL PRESSURE YLD.	20,630	psi	
COLLAPSE PRESSURE YLD.	21,050	psi	
BENDING YLD.	213.8	deg/100ft	
TORSION YLD.	26,651	ft-lb	
OPERATING TORQUE	21,321	ft-lb	

### MAKE-UP TORQUE

MINIMUM MAKE-UP TORQUE	7,000	ft-lb
OPTIMUM MAKE-UP TORQUE	7,875	ft-lb
MAXIMUM MAKE-UP TORQUE	8,750	ft-lb

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