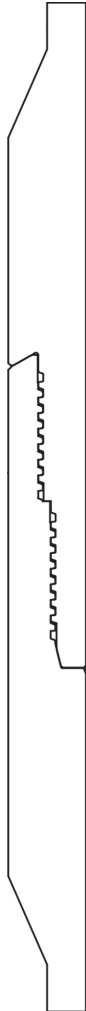




## CONNECTION PERFORMANCE DATA

4 1/2 in 15.50 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.	4.500	in
TUBE I.D.	3.826	in
TUBE WALL	0.337	in
DRIFT DIA.	3.701	in
PIPE BODY CSA	4.407	in <sup>2</sup>
MATERIAL SMYS	110,000	psi
TENSION YLD.	484,800	lbs
COMPRESSION YLD.	484,800	lbs
INTERNAL PRESSURE YLD.	14,420	psi
COLLAPSE PRESSURE YLD.	14,340	psi
BENDING YLD.	112.0	deg/100ft
TORSION YLD.	45,184	ft-lb

### CONNECTION DATA

CONNECTION O.D.	5.125	in	
CONNECTION I.D.	3.765	in	
S.C. DIA.	5.021	in	
MAKE-UP LOSS	3.340	in	
CONNECTION CSA	4.641	in <sup>2</sup>	
STRING LENGTH	19,560	ft	
TENSION YLD.	523,600	lbs	108.00% eff
COMPRESSION YLD.	526,842	lbs	109.00% eff
INTERNAL PRESSURE YLD.	14,420	psi	
COLLAPSE PRESSURE YLD.	14,340	psi	
BENDING YLD.	121.4	deg/100ft	
TORSION YLD.	30,514	ft-lb	
OPERATING TORQUE	24,411	ft-lb	

### MAKE-UP TORQUE

MINIMUM MAKE-UP TORQUE	7,500	ft-lb
OPTIMUM MAKE-UP TORQUE	8,438	ft-lb
MAXIMUM MAKE-UP TORQUE	9,375	ft-lb

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