

Pipe

CDN

						NEW	API PREMIUM	
Pipe size	in	5.500	mm	139.7	OD	mm	139.7	135.5
Pipe weight	lb/ft	24.70	kg/m	36.76	Thickness	in(mm)	0.415 (10.5)	0.332 (8.4)
Upset Type		IEU			X-Sec Area	cm ²	42.8	33.7
Tube grade		S135			Section Modulus	cm ³	128.5	100.7
Range		2			Polar Section Modulus	cm ³	257.1	201.4
Tube Yield	MPa	931			Tensile Yield	kdaN	398	313
ID	mm	118.6			Torsional Yield	ft-lbs	101,800	79,800
					80% Torsional Yield	ft-lbs	81,400	63,840
					Internal Pressure Yield	MPa	122.7	112.4
					Collapse Yield	MPa	117.2	77.2
					D/t		13.25	16.07
					Connection/Tube Torsional Ratio		0.822	1.049

Tool Joint

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						NEW	
Connection Type		550 DUO			OD	mm	168.3
Material Yield Strength	MPa	931			Tensile Yield Strength	kdaN	583
OD	mm	168.3			Torsional Yield Strength	ft-lbs	83,700
ID	mm	101.6			Recommended Makeup Torque(60% TYS)	ft-lbs	50,200
Pin Shoulder Angle	deg	18			Max Makeup Torque(65% TYS)	ft-lbs	54,400
Pin Tool Joint Length	mm	356					
Box Tool Joint Length	mm	356					

Drill Pipe Assembly

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Shoulder-Shoulder Length	m	9.60		
Adjusted Weight	kg/m	40.63		
Closed End Displacement	L/m	15.89	m ³ /m	0.01589
Open End Displacement	L/m	5.18	m ³ /m	0.00518
Fluid Capacity	L/m	10.71	m ³ /m	0.01071
Drift Size	mm	98.4		

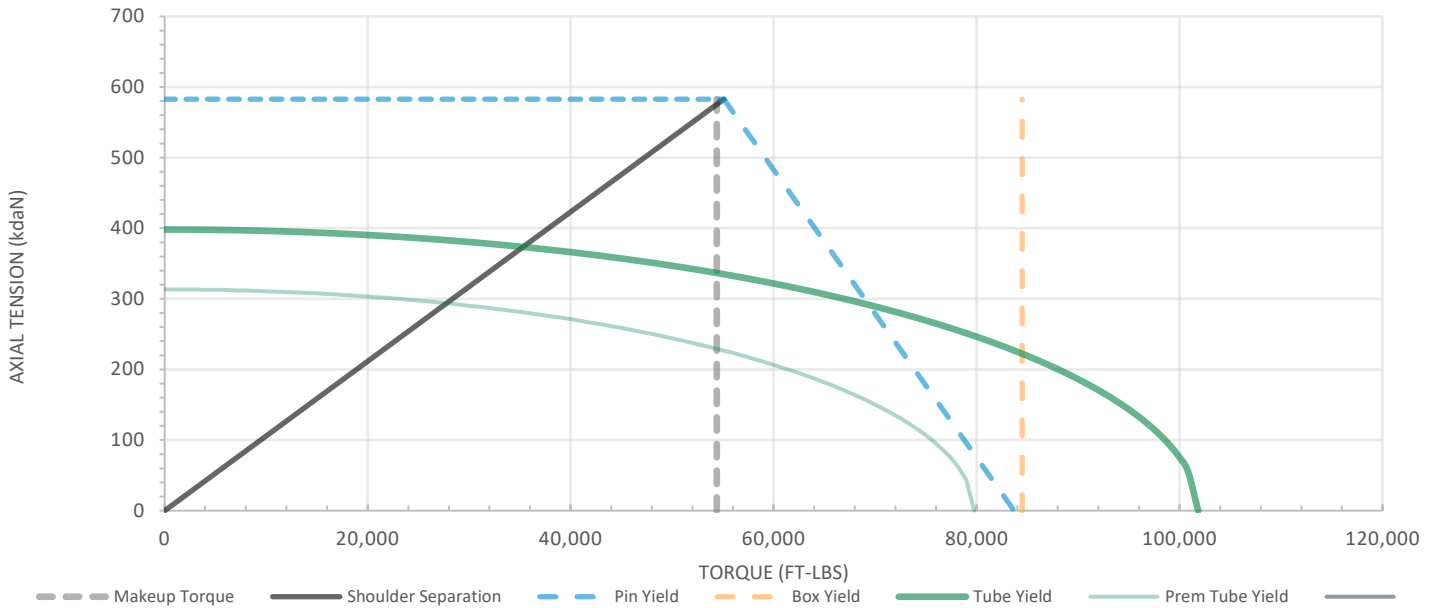
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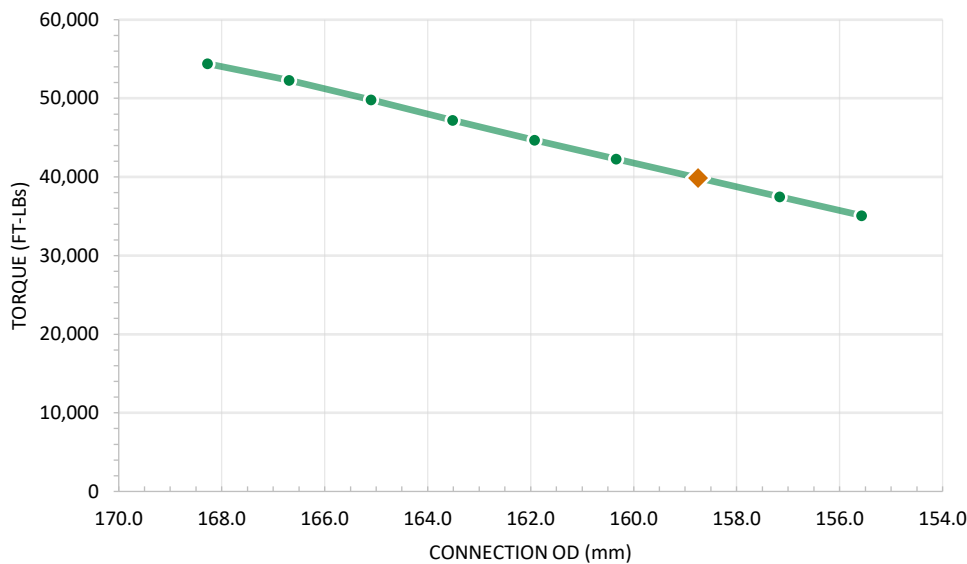
Makeup Torque Then Tension Chart

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Connection Wear Chart

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CONNECTION OD (mm)	MAXIMUM MAKEUP TORQUE (ft-lbs)
168.3	54,400
166.7	52,300
165.1	49,800
163.5	47,200
161.9	44,700
160.3	42,300
158.8	39,900
157.2	37,500
155.6	35,100
MIN REC OD (mm)	158.8
	39,900

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