New Tool Joints and New Drill Pipe

Pipe			Tool Joint					Pipe	Tool Joint	Pipe	Tool Joint	
API Label 1 (Pipe OD) (in)	API Label 2 (Nominal Weight) (lbs/ft)	Grade	Connection Size and Style RSC Type	OD (in)	ID (in)	Make-Up Torque (ft-lbs)	Drift Diameter (in)	Tensile Yield (lbs)	Tensile Yield (lbs)	Torsional Yield Strength (ft-lbs)	Torsional Yield Strength (ft-lbs)	Torsional Ratio
6 5/8	25.20	E	6 5/8 FH	8	5	43,935	4.875	489,464	1,448,400	70,580	73,224	1.04
		X	6 5/8 FH	8	5	43,935	4.875	619,988	1,448,400	89,402	73,224	0.82
		X	TSDS 65	8	5	64,180	4.875	619,988	1,629,400	89,402	106,970	1.20
		G	6 5/8 FH	8 1/4	4 3/4	51,280	4.625	685,250	1,678,100	98,812	85,467	0.86
		G	TSDS 65	8 1/4	4 3/4	79,150	4.625	685,250	1,887,900	98,812	131,930	1.34
		S	6 5/8 FH	8 1/2	4 1/4	65,012	4.125	881,035	2,102,200	127,044	108,353	0.85
		S	TSDS 65	8 1/2	4 1/4	106,600	4.125	881,035	2,365,000	127,044	177,670	1.40
	27.70	E	6 5/8 FH	8	5	43,935	4.875	534,199	1,448,400	76,295	73,224	0.96
		X	6 5/8 FH	8	5	43,935	4.875	676,651	1,448,400	96,640	73,224	0.76
		X	TSDS 65	8	5	64,180	4.875	676,651	1,629,400	96,640	106,970	1.11
		G	6 5/8 FH	8 1/4	4 3/4	51,280	4.625	747,877	1,678,100	106,813	85,467	0.80
		G	TSDS 65	8 1/4	4 3/4	79,150	4.625	747,877	1,887,900	106,813	131,930	1.24
		S	6 5/8 FH	8 1/2	4 1/4	65,012	4.125	961,556	2,102,200	137,330	108,353	0.79
		S	TSDS 65	8 1/2	4 1/4	106,600	4.125	961,556	2,365,000	137,330	177,670	1.29

b - Torsional yield values shown in yellow indicate the connection is box weak in torsion.

The torsional yield strength is based on a shear strength of 57.7% of the minimum yield strength and nominal wall thickness.

TSDS Values based on 135Ksi Material Yield Strength. API NC Values based on 120Ksi Material Yield Strength.

Pin tensile yield values are based on tensile loading conditions only, and do not include the combined effect of torsional and tensile loading.