

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 (mm)	ID (mm)	Make-Up Torque (Nm)	Drift Diameter (mm)	Tensile Yield (kg)	Tensile Yield (kg)	Torsional Yield Strength (Nm)	Torsional Yield Strength (Nm)	Torsional Ratio
4	14.00	E	NC 38	133,35	68,26	20 770	65,09	129 437	352 169	31 574	34 617	1.10
		X	NC 38	133,35	68,26	20 770	65,09	163 953	352 169	39 994	34 617	0.87
		X	TSDS 38	133,35	68,26	30 072	65,09	163 953	396 168	39 994	50 125	1.25
		X	PTech39+	123,83	66,68	32 404	63,50	163 953	348 359	39 994	54 016	1.35
		X	PTech41+	130,18	71,44	36 607	68,26	163 953	496 094	39 994	60 931	1.52
		G	NC 38	139,70	61,91	24 212	58,74	181 211	406 918	44 204	40 355	0.91
		G	TSDS 38	139,70	61,91	36 851	58,74	181 211	457 811	44 204	61 419	1.39
		G	PTech41+	133,35	76,20	37 963	73,03	181 211	443 659	44 204	63 263	1.43
		S	NC 38	139,70	61,91	24 212	58,74	232 986	406 918	56 833	40 355	0.71
		S	TSDS 38	139,70	61,91	36 851	58,74	232 986	457 811	56 833	61 419	1.08
	S	PTech41+	133,35	74,61	38 912	71,44	232 986	461 530	56 833	64 890	1.14	
	15.70	E	NC 38	133,35	68,26	20 770	65,09	147 017	352 169	34 994	34 617	0.99
		X	NC 38	133,35	61,91	20 770	58,74	186 222	352 169	44 324	34 617	0.78
		X	TSDS 38	133,35	68,26	30 072	65,09	186 222	396 168	44 324	50 125	1.13
		X	PTech39+	123,83	66,68	32 404	63,50	186 222	348 359	44 324	54 016	1.22
		X	PTech41+	130,18	71,44	36 607	68,26	186 222	496 094	44 324	60 931	1.37
		G	NC 38	139,70	61,91	24 212	58,74	205 824	406 918	48 991	40 355	0.82
		G	TSDS 38	139,70	61,91	36 851	58,74	205 824	457 811	48 991	61 419	1.25
		G	PTech41+	133,35	76,20	37 963	73,03	205 824	443 659	48 991	63 263	1.29
		S	NC 38	139,70	61,91	24 212	58,74	264 632	406 918	62 989	40 355	0.64
S		TSDS 38	139,70	61,91	36 851	58,74	264 632	457 811	62 989	61 419	0.98	
S	PTech41+	133,35	71,44	40 810	68,26	264 632	496 094	62 989	68 021	1.08		

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

TSDS Values and Ptech+ Values based on 930,8 MPa Material Yield Strength. API NC Values based on 827,4 MPa 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.