Command Tubular Products

Heavy-weight Specs

Size: 5 1/2"
Grade: Welded 70ksi
Range: II 31.0'
Connection: CET54

Tube

	New	
	in	mm
OD	5.500	139.7
Wall thickness	1.125	28.6
ID	3.250	82.6
	ft-lbs	N-m
Torsional strength	96,549	131,000
80% Torsional strength	77,239	104,800
	lbs	daN
Tensile strength	1,082,377	482,600
	psi	kPa
Internal Pressure capacity	25,057	172,761
Collapse capacity	22,779	157,055
	in²	mm²
Cross sectional area body	15.463	9976
Cross sectional area OD	23.758	15328
Cross sectional area ID	8.296	5352
	in³	mm³
Section modulus	14.342	235029
Polar section modulus	28.685	470059

Tool Joint

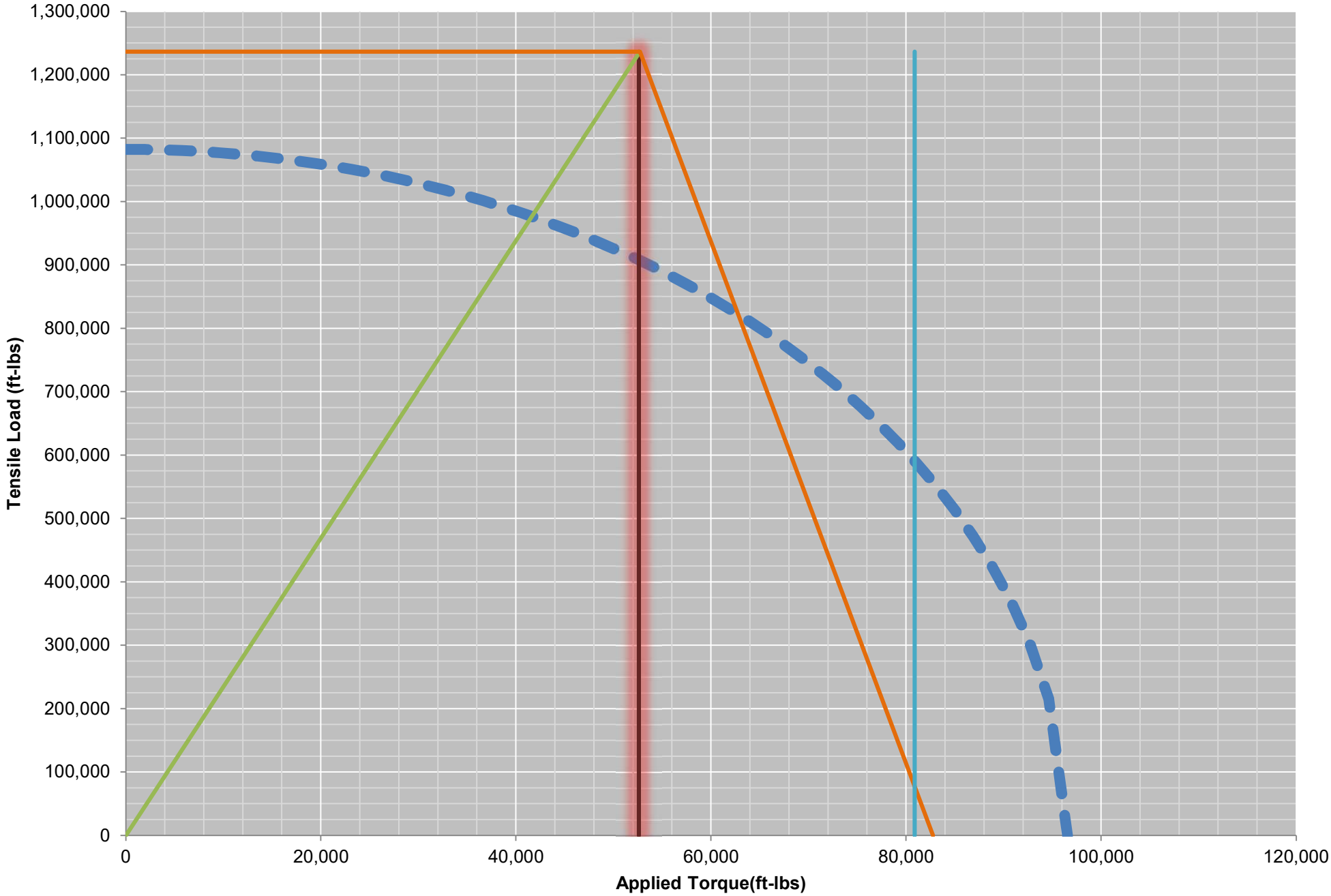
	New		Premium	
	psi	kPa	psi	kPa
Yield Strength	130,000	896,318	130,000	896,318
	in	mm	in	mm
OD	6.625	168.3	6.200	157.5
ID	4.000	101.6	4.000	101.6
Pin length	24.0	609.6	10.0	254.0
Box length	24.0	609.6	10.0	254.0
	ft-lbs	N-m	ft-lbs	N-m
Torsional Strength	80,900	109,800	54,600	74,100
Extended MUT	56,630	76,800	38,200	51,800
Recommended Make-up Torque	52,600	71,400	38,200	51,800
Min Make-up Torque	44,800	60,800	31,200	42,300
	lbs	daN	lbs	daN
Tensile strength	1,236,400	551,300	679,900	303,200

Heavy-weight Assembly with Connection

	lbs/ft	kg/m
Adjusted weight	56.97	84.94
	ft	m
Approximate length	31.00	9.45
	gal/ft	m³/m
Fluid displacement	0.872	0.010823
Fluid capacity	0.460	0.005708
	in	mm
Drift size	3.1250	79

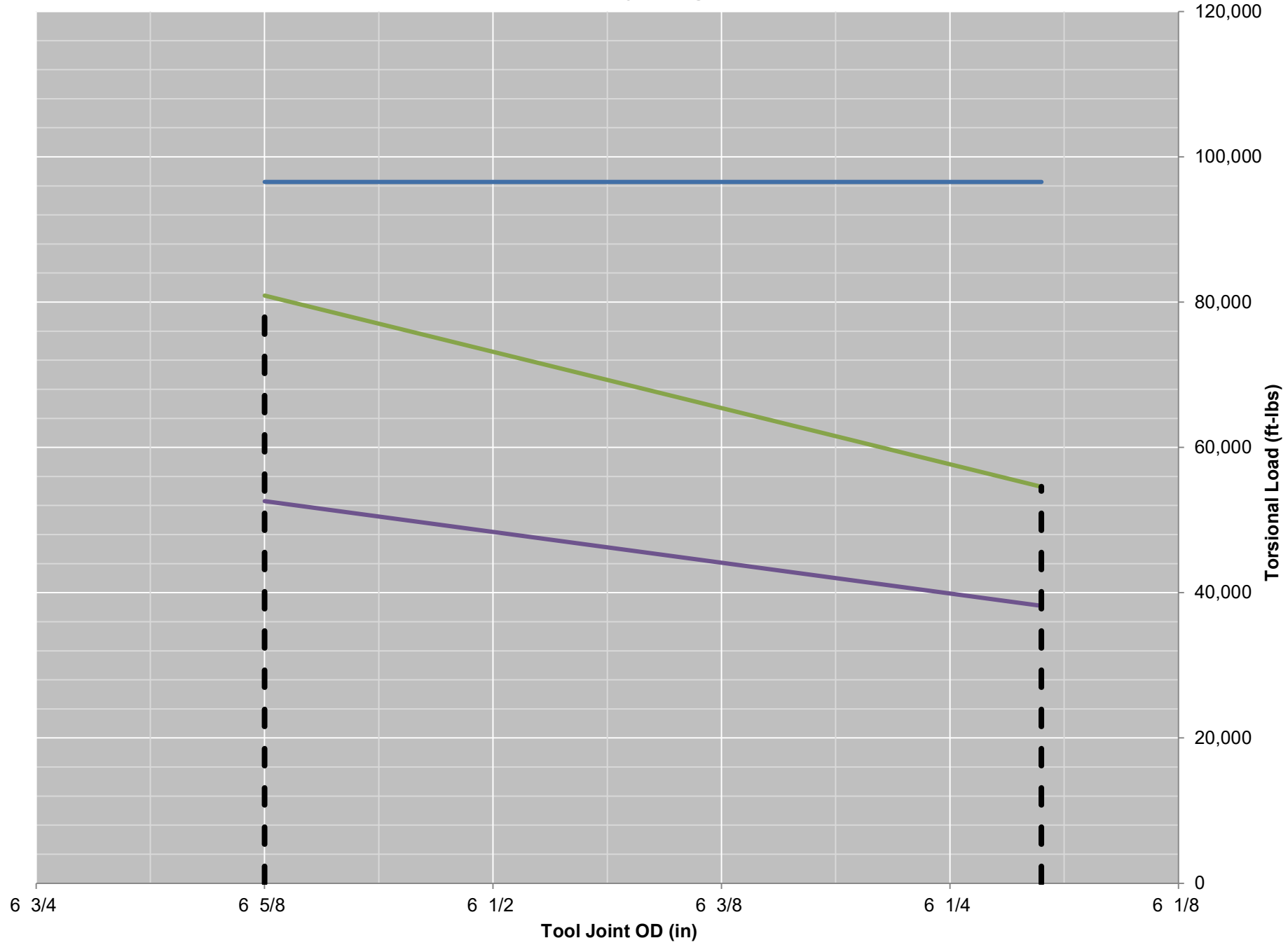
While every effort has been made to insure the accuracy of the tables herein, this material is presented as a reference guide only. Command Tubular Products cannot assume responsibility for the results obtained through the use of this material. No expressed or implied warranty is intended. All torques are based on a 1.0 friction factor.

Combined Load Curve for 5 1/2" Welded 70ksi Heavy-weight with CET54 connections



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Tool Joint Wear for 5 1/2" Welded 70ksi Heavy-weight with CET54 connections



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