

Texas Steel Conversion Double Shouldered High Torque Connection (TSDS)

Connection Size and Style RSC Type	Box OD (in)	Pin ID (in)	Make-Up Torque (ft-lbs)	Torsional Yield (ft-lbs)	Pin Tensile Yield (lbs)
TSDS 40	5 1/8	2 7/16	24,010	40,020 b	1,009,300
		2 9/16	22,980	38,300 b	943,000
		2 11/16	21,870	36,460 b	873,400
	5 1/4	2 7/16	26,900	44,840 b	1,009,300
		2 9/16	24,740	41,240	943,000
		2 11/16	22,180	36,970	873,400
	5 1/2	2 7/16	27,180	45,300	1,009,300
		2 9/16	24,740	41,240	943,000
		2 11/16	22,180	36,970	873,400

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

Values based on 135Ksi Material Yield Strength. Torsional values are based on using a thread compound with a 1.0 API friction factor. Pin tensile yield values are based on tensile loading conditions only, and do not include the combined effect of torsional and tensile loading.