

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 38	4 3/4	2 1/8	20,110	33,520 b	947,700
		2 7/16	17,900	29,840 b	796,500
		2 9/16	16,900	28,170 b	730,300
	4 7/8	2 1/8	22,630	37,720 b	947,700
		2 7/16	19,830	33,060	796,500
		2 9/16	17,520	29,200	730,300
	5	2 1/8	25,060	41,770	947,700
		2 7/16	19,830	33,060	796,500
		2 9/16	17,520	29,200	730,300

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.