

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 46	6	2 3/4	42,260	70,430	1,331,800
		3	35,960	59,930	1,179,400
		3 1/4	29,050	48,420	1,013,800
	6 1/8	2 3/4	42,260	70,430	1,331,800
		3	35,960	59,930	1,179,400
		3 1/4	29,050	48,420	1,013,800
	6 1/4	2 3/4	42,260	70,430	1,331,800
		3	35,960	59,930	1,179,400
		3 1/4	29,050	48,420	1,013,800

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.