

Texas Steel Conversion Double Shouldered High Torque Connection (TSDS)

Connection Size and Style RSC Type	Box OD (mm)	Pin ID (mm)	Make-Up Torque (Nm)	Torsional Yield (Nm)	Pin Tensile Yield (kg)
TSDS 50	161,93	69,85	73 445	122 417 b	791 791
		76,20	69 648	116 085 b	722 663
		82,55	65 378	108 981 b	647 503
		88,90	55 114	91 857	566 355
	165,10	69,85	79 410	132 355 b	791 791
		76,20	75 601	126 010 b	722 663
		82,55	66 056	110 093	647 503
		88,90	55 114	91 857	566 355
	168,28	69,85	85 281	142 131	791 791
		76,20	76 116	126 851	722 663
		82,55	66 056	110 093	647 503
		88,90	55 114	91 857	566 355

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

Values based on 930,8 MPa 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.