

## 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 55	177,80	82,55	90 298	150 496	b	907 412
		88,90	85 295	142 158	b	826 264
		95,25	79 763	132 952	b	739 083
		101,60	67 100	111 828		645 916
	180,98	82,55	97 443	162 414	b	907 412
		88,90	92 440	154 075	b	826 264
		95,25	80 942	134 918		739 083
		101,60	67 100	111 828		645 916
	184,15	82,55	104 778	174 643	b	907 412
		88,90	93 823	156 367		826 264
95,25		80 942	134 918		739 083	
101,60		67 100	111 828		645 916	

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.