

API Drill Pipe Numbered Connections (NC)

Connection Size and Style RSC Type	Box OD (mm)	Pin ID (mm)	Make-Up Torque (Nm)	Torsional Yield (Nm)	Pin Tensile Yield (kg)	
NC 38	120,65	53,98	15 597	25 996 b	382 106	
		61,91	15 597	25 996 b	321 143	
		65,09	15 597	25 996 b	294 427	
		68,26	14 701	24 501	266 395	
	123,83	53,98	18 636	31 059 b	382 106	
		61,91	17 925	29 875	321 143	
		65,09	16 347	27 245	294 427	
		68,26	14 701	24 501	266 395	
	127,00	53,98	21 560	35 933	382 106	
		61,91	17 925	29 875	321 143	
		65,09	16 347	27 245	294 427	
		68,26	14 701	24 501	266 395	

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

The torsional yield strength is based on a shear strength of 57.7% of the minimum yield strength

The tensile strength of the tool joint pin is based on 8 437 kg/cm² yield and the cross sectional area at the root of the thread 16mm from the shoulder.