

## 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 40	133,35	50,80	23 883	39 804 b	489 925
		57,15	23 883	39 804 b	444 475
		61,91	23 883	39 804 b	406 918
		65,09	22 528	37 548	380 201
		68,26	20 770	34 617	352 169
	136,53	50,80	27 487	45 810 b	489 925
		57,15	26 596	44 326	444 475
		61,91	24 212	40 355	406 918
		65,09	22 528	37 548	380 201
		68,26	20 770	34 617	352 169
	139,70	50,80	29 499	49 165	489 925
		57,15	26 596	44 326	444 475
		61,91	24 212	40 355	406 918
		65,09	22 528	37 548	380 201
		68,26	20 770	34 617	352 169

**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/cm<sup>2</sup> yield and the cross sectional area at the root of the thread 16mm from the shoulder.