

API Drill Collar

API Drill Collar, as the main component of BHA, is at the bottom of drill string. It has the features of thick wall thickness, great gravity, and stiffness.

Regular API Drill Collar materials: 4145H or 4145H MOD

Regular API Drill Collar is A type (Slick drill collar)

Optional Structure : elevator groove, slips groove, stress groove, and hard-banding

Production standard: API 7-1, API7-2 and NS-1

Why Choose Our API Drill Collar?

With the sufficient hole-drilling and digital control machines, greatly meet the production requirement.

All raw materials are inspected well to ensure production performance qualification by the various laboratory machines.

Our company, with strong development ability, can improve and design special structure as per user special need on the production standard basis.

With special cold-rolling machines and break-up and break-out machines, our company can independently achieve thread, stress relief groove, and thread running operations.

API Drill Collar Specification

number And Connection Table	Outside Dia.	Inside Dia.	Length mm	Bevel Diameter mm	Bending Strength Ratio
	D1	d			
	mm	mm	L	D2	
NC23-31	79.4	31.8	9150	76.2	2.57:1
NC26-35(2 3/8 IF)	88.9	38.1	9150	84.5	2.42:1
NC31-41(2 7/8 IF)	104.8	50.8	9150	101.6	2.43:1
NC35-47	120.6	50.8	9150	114.7	2.58:1
NC38-50(3 1/2 IF)	127	57.2	9150	121	2.38:1
NC44-60	152.4	57.2	9150 or 9450	144.5	2.49:1
NC44-60	152.4	71.4	9150 or 9450	144.5	2.84:1
NC44-62	158.8	57.2	9150 or 9450	149.2	2.91:1
NC46-62(4 IF)	158.8	71.4	9150 or 9450	150	2.63:1
NC46-65(4 IF)	165.1	57.2	9150 or 9450	154.8	2.76:1
NC46-65(4 IF)	165.1	71.4	9150 or 9450	154.8	3.05:1
NC46-67(4 IF)	171.4	57.2	9150 or 9450	159.5	3.18:1
NC50-67(4 1/2 IF)	171.4	71.4	9150 or 9450	159.5	2.37:1
NC50-70(4 1/2 IF)	177.8	57.2	9150 or	164.7	2.54:1

			9450		
NC50-70(4 1/2 IF)	177.8	71.4	9150 or 9450	164.7	2.73:1
NC50-72(4 1/2 IF)	184.2	71.4	9150 or 9450	169.5	3.12:1
NC56-77	196.8	71.4	9150 or 9450	185.3	2.70:1
NC56-80	203.2	71.4	9150 or 9450	190.1	3.02:1
6 5/8 REG	209.6	71.4	9150 or 9450	195.7	2.93:1
NC61-90	228.6	71.4	9150 or 9450	212.7	3.17:1
7 5/8 REG	241.3	76.2	9150 or 9450	223.8	2.81:1
NC70-97	247.6	76.2	9150 or 9450	232.6	2.57:1
NC70-100	254	76.2	9150 or 9450	237.3	2.81:1
8 5/8 REG	279.4	76.2	9150 or 9450	266.7	2.84:1

Provide the API drill collar's specification: O.D (specification)

Provide the overall length (if non-standard)

Provide the inner bore size (if non-standard)

Provide connection type and model: thread type and whether have stress groove or not, bench mark or choosing low torque structure.

Whether have the elevator groove, slips groove, hard-banding or undercoat (Optional)

Whether have thread, and have the shackle requirements of stress relief groove cold rolled stress or thread.