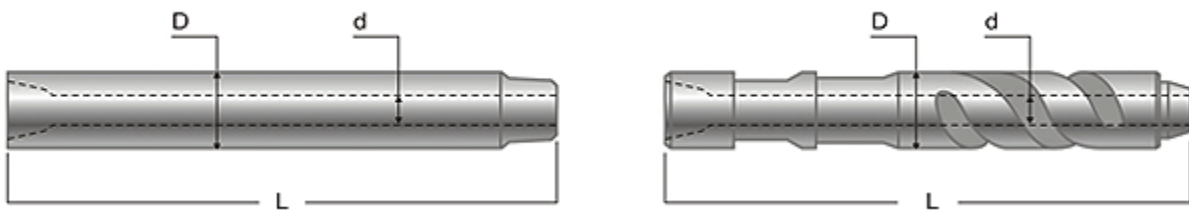


DRILL COLLAR

Drill Collar

Drill collars are manufactured strictly according to API Spec7-1 standard with material of AISI 4145 Mod. Jerel supplies slick drill collars, spiral drill collars and non-magnetic drill collars etc. The size of drill collar Jerel provides is from 3¹/₈ to 11 inches. Besides models listed in the table below, other drill collars at customers' specific request can be available.



Elevator and Slip Recess Groove

STANDARD DRILL COLLAR

Technical Specification of Drill Collar

Drill Collar Model	D(O.D.)		d (I.D.)		L(mm)	DF(mm)	Bending Strength ratio	Threads
	mm	In	mm	in				
JD-DC3-1/8	79.4	3 ¹ / ₈	31.8	1 ¹ / ₂	9,150	76.2	2.57:1	NC23-31
JD-DC 3-1/2	88.9	3 ¹ / ₂	38.1	1 ¹ / ₂	9,150	82.9	2.42:1	NC26-35(2 ³ / ₈ IF)
JD-DC 4-1/8	104.8	4 ¹ / ₈	50.8	2	9,150	100.4	2.43:1	NC31-41(2 ⁷ / ₈ IF)
JD-DC 4-3/4	120.7	4 ³ / ₄	50.8	2	9,150	114.7	2.58:1	NC35-47
JD-DC 5	127	5	57.2	2 ¹ / ₄	9,150	121	2.38:1	NC38-50(3 ¹ / ₂ IF)
JD-DC 6A	152.4	6	57.2	2 ¹ / ₄	9,150/9,450	144.5	2.49:1	NC44-60
JD-DC 6B	152.4	6	71.4	2 ¹³ / ₁₆	9,150/9,450	144.5	2.84:1	NC44-60
JD-DC 6-1/4A	158.8	6 ¹ / ₄	57.2	2 ¹ / ₄	9,150/9,450	149.2	2.91:1	NC44-62
JD-DC 6-1/4B	158.8	6 ¹ / ₄	71.4	2 ¹³ / ₁₆	9,150/9,450	150	2.63:1	NC46-62(4IF)

JD-DC 6-1/2A	165.1	6 ¹ / ₂	57.2	2 ¹ / ₄	9,150/9,450	154.8	2.76:1	NC46-65(4IF)
JD-DC 6-1/2B	165.1	6 ¹ / ₂	71.4	2 ¹³ / ₁₆	9,150/9,450	154.8	3.05:1	NC46-65(4IF)
JD-DC 6-3/4A	171.4	6 ³ / ₄	57.2	2 ¹ / ₄	9,150/9,450	159.5	3.18:1	NC46-67(4IF)
JD-DC 6-3/4B	171.4	6 ³ / ₄	71.4	2 ¹³ / ₁₆	9,150/9,450	159.5	2.37:1	NC50-67(4 ¹ / ₂ IF)
JD-DC 7A	177.8	7	57.2	2 ¹ / ₄	9,150/9,450	164.7	2.54:1	NC50-70(4 ¹ / ₂ IF)
JD-DC 7B	177.8	7	71.4	2 ¹³ / ₁₆	9,150/9,450	164.7	2.73:1	NC50-70(4 ¹ / ₂ IF)
JD-DC 7-1/4	184.2	7 ¹ / ₄	71.4	2 ¹³ / ₁₆	9,150/9,450	169.5	3.12:1	NC50-72(4 ¹ / ₂ IF)
JD-DC 7-3/4	196.8	7 ³ / ₄	71.4	2 ¹³ / ₁₆	9,150/9,450	185.3	2.70:1	NC56-77
JD-DC 8	203.2	8	71.4	2 ¹³ / ₁₆	9,150/9,450	190.1	3.02:1	NC56-80
JD-DC 8-1/4	209.6	8 ¹ / ₄	71.4	2 ¹³ / ₁₆	9,150/9,450	195.7	2.93:1	6 ⁵ / ₈ REG
JD-DC 9	228.6	9	71.4	2 ¹³ / ₁₆	9,150/9,450	212.7	3.17:1	NC61-90
JD-DC 9-1/2	241.3	9 ¹ / ₂	76.2	3	9,150/9,450	223.8	2.81:1	7 ⁵ / ₈ REG
JD-DC 9-3/4	247.6	9 ³ / ₄	76.2	3	9,150/9,450	232.6	2.57:1	NC70-97
JD-DC 10	254	10	76.2	3	9,150/9,450	237.3	2.81:1	NC70-100
JD-DC 11	279.4	11	76.2	3	9,150/9,450	266.7	2.84:1	8 ⁵ / ₈ REG

SPIRAL DRILL COLLAR



OD in	Cutting Depth		Lead mm ±25.4
	A(mm)	B(mm)	
3.3/8	3.5±0.79	-	679
3.7/8	4.0±0.79	-	914
4~4.1/8	4.8±0.79	-	914
4.1/2~5.1/8	5.6±0.79	-	965
5.1/4~5.3/4	6.4±0.79	-	1067
5.7/8~6.3/8	7.1±1.59	-	1067
6.1/2~7	7.9±1.59	-	1168
7.1/8~7.7/8	8.7±1.59	5.6±0.79	1626
8~8.7/8	9.5±1.59	6.4±0.79	1727
9~9.7/8	10.3±2.37	7.1±1.59	1829
10~10.7/8	11.1±2.37	7.9±1.59	1930
11	11.9±2.37	8.7±1.59	2032

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