

DRILL COLLAR SPECIFICATIONS									
DRILL COLLAR NUMBER (1)	DRILL COLLAR DIAMETER		BORE + 1/16" -0"		LENGTH		APPROXIMATE WEIGHT OF 31 FT DRILL COLLAR		TYPICAL BENDING STRENGTH RATION
	IN	MM	IN	MM	FT	M	LB	KG	
NC 23-31	3 1/8	79.38	1 1/4	31.75	30	91.44	660	299	2.57:1
NC 26-35 (2 3/8 IF)	3 1/2	88.90	1 1/2	38.10	30	91.44	801	363	2.42:1
NC 31-41 (2 7/8 IF)	4 1/8	104.78	2	50.80	30-31	91.44 - 94.48	1043	473	2.43:1
NC 35-47	4 3/4	120.65	2	50.80	30-31	91.44 - 94.48	1451	658	2.58:1
NC 38-50 (3 1/2 IF)	5	127.00	2 1/4	57.15	30-31	91.44 - 94.48	1652	749	2.38:1
NC 44-60	6	152.40	2 1/4	57.15	30-31	91.44 - 94.48	2561	1162	2.49:1
NC 44-60	6	152.40	2 13/16	71.44	30-31	91.44 - 94.48	2353	1067	2.84:1
NC 44-62	6 1/4	158.75	2 1/4	57.15	30-31	91.44 - 94.48	2806	1273	2.91:1
NC 46-62 (4 IF)	6 1/4	158.75	2 13/16	71.44	30-31	91.44 - 94.48	2598	1178	2.63:1
NC 46-65 (4 IF)	6 1/2	165.10	2 1/4	57.15	30-31	91.44 - 94.48	3085	1399	2.76:1
NC 46-65 (4 IF)	6 1/2	165.10	2 13/16	71.44	30-31	91.44 - 94.48	2877	1305	3.05:1
NC 46-67 (4IF)	6 3/4	171.45	2 1/4	57.15	30-31	91.44 - 94.48	3364	1526	3.18:1
NC 50-70 (4 1/2 IF)	7	177.80	2 1/4	57.15	30-31	91.44 - 94.48	3643	1652	2.54:1
NC 50-70 (4 1/2 IF)	7	177.80	2 13/16	71.44	30-31	91.44 - 94.48	3434	1558	2.73:1
NC 50-72 (4 1/2 IF)	7 1/4	184.15	2 13/16	71.44	30-31	91.44 - 94.48	3714	1685	3.12:1
NC 56-77	7 3/4	196.85	2 13/16	71.44	30-31	91.44 - 94.48	4337	1967	2.70:1
NC 56-80	8	203.20	2 13/16	71.44	30-31	91.44 - 94.48	4675	2121	3.02:1
6 5/8 API Reg	8 1/4	209.55	2 13/16	71.44	30-31	91.44 - 94.48	5016	2275	2.93:1
NC 61-90	9	228.60	2 13/16	71.44	30-31	91.44 - 94.48	6070	2753	3.17:1
7 5/8 API Reg	9 1/2	241.30	3	76.20	30-31	91.44 - 94.48	6727	3051	2.81:1
NC 70-97	9 3/4	247.65	3	76.20	30-31	91.44 - 94.48	7130	3234	2.57:1
NC 70-100	10	254.00	3	76.20	30-31	91.44 - 94.48	7532	3417	2.81:1
8 5/8 API Reg	11	279.40	3	76.20	30-31	91.44 - 94.48	9269	4204	2.84:1

SLIP AND ELEVATOR RECESS							
DRILL COLLAR DIAMETER		ELEVATOR RECESS DIAMETER		SLIP RECESS DIAMETER		ELEVATOR RECESS RADIUS	
IN	MM	IN	MM	IN	MM	IN	MM
4 1/8	104.78	3 11/16	93.66	3 3/4	95.25	1/8	3.18
4 3/4	120.65	3 1/4	82.55	4 3/8	111.13	1/8	3.18
5	127.00	4 1/2	114.30	4 5/8	117.60	1/8	3.18
6	152.40	5 3/8	136.53	5 1/2	139.70	1/8	3.18
6 1/4	158.75	5 5/8	142.88	5 3/4	146.05	1/8	3.18
6 1/2	165.10	5 7/8	149.23	6	152.40	1/8	3.18
6 3/4	171.45	6	152.40	6 1/4	158.75	3/16	4.76
7	177.80	6 1/4	158.75	6 1/2	165.10	3/16	4.76
7 1/4	184.15	6 1/2	165.10	6 3/4	171.45	3/16	4.76
7 3/4	196.85	7	177.80	7 1/4	184.15	3/16	4.76
8	203.20	7 1/4	184.15	7 1/2	190.50	3/16	4.76
8 1/4	209.55	7 1/2	190.50	7 3/4	196.85	3/16	4.76
9	228.60	8 1/8	206.38	8 1/2	215.90	1/4	6.35
9 1/2	241.30	8 5/8	219.08	9	228.60	1/4	6.35
9 3/4	247.65	8 7/8	225.43	9 1/4	234.95	1/4	6.35
10	254.00	9 1/8	231.78	9 1/2	241.30	1/4	6.35
11	279.40	10 1/8	257.18	10 1/2	266.70	1/4	6.35