

**API CASING DATA, SHOWING BIT SIZES AND CLEARANCES**

Casing Specification								Bit Sizes & Diametrical Clearance			
Casing Size O.D. (Inches)	Casing Coupling Dia. O.D. (Inches)	Casing Couplings O.D. (Inches)	Wt. Per Ft. With Couplings		Inside Diameter of Casing		Bits		Clearance		
			(pounds)	Kg/m	(Inches)	mm	Bit Size (Inches)	mm	Thousandths	Nearest 64th	
4 1/2	114.3	5.000	127.0	9.50	14.14	4.090	103.8	3 7/8	98.4	.215	7/32
4 1/2	114.3	5.000	127.0	11.60	17.26	4.000	101.6	3 7/8	98.4	.125	1/8
4 1/2	114.3	5.000	127.0	13.50	20.09	3.920	99.5	3 3/4	95.2	.170	11/64
5	127.0	5.563	141.3	11.50	17.11	4.560	115.8	4 1/4	108.0	.310	5/16
5	127.0	5.563	141.3	13.00	19.34	4.494	114.1	4 1/4	108.0	.244	1/4
5	127.0	5.563	141.3	15.00	22.32	4.408	111.9	4 1/4	108.0	.158	5/32
5	127.0	5.563	141.3	18.00	26.78	4.276	108.6	4 1/8	104.8	.151	5/32
5 1/2	139.7	6.050	153.6	13.00	19.34	5.044	128.1	4 3/4	120.6	.294	19/64
5 1/2	139.7	6.050	153.6	14.00	20.83	5.012	127.3	4 3/4	120.6	.262	17/64
5 1/2	139.7	6.050	153.6	15.50	23.06	4.950	125.7	4 3/4	120.6	.200	13/64
5 1/2	139.7	6.050	153.6	17.00	25.30	4.892	124.2	4 3/4	120.6	.142	9/64
5 1/2	139.7	6.050	153.6	20.00	29.76	4.778	121.3	4 5/8	117.5	.153	5/32
5 1/2	139.7	6.050	153.6	23.00	34.22	4.670	118.6	4 1/2	114.3	.170	11/64
6	152.4	6.625	168.2	15.00	22.32	5.524	140.3	5 3/8	136.5	.149	5/32
6	152.4	6.625	168.2	18.00	26.78	5.424	137.7	5 1/8	130.2	.299	19/64
6	152.4	6.625	168.2	20.00	29.76	5.352	135.9	5 1/8	130.2	.227	15/64
6	152.4	6.625	168.2	23.00	34.72	5.240	133.0	5 1/8	130.2	.115	7/64
6 5/8	168.3	7.390	187.7	17.00	25.30	6.135	155.8	6	152.4	.135	9/64
6 5/8	168.3	7.390	187.7	20.00	29.76	6.049	153.6	5 7/8	149.2	.174	11/64
6 5/8	168.3	7.390	187.7	24.00	35.71	5.921	150.3	5 5/8	142.9	.296	19/64
6 5/8	168.3	7.390	187.7	28.00	41.66	5.791	147.0	5 5/8	142.9	.166	11/64
6 5/8	168.3	7.390	187.7	32.00	47.62	5.675	144.1	5 3/8	136.5	.300	19/64
7	177.8	7.656	194.4	17.00	25.30	6.538	166.0	6 1/4	158.8	.288	9/32
7	177.8	7.656	194.4	20.00	29.76	6.456	163.9	6 1/4	158.8	.206	13/64
7	177.8	7.656	194.4	23.00	34.22	6.366	161.6	6 1/4	158.8	.116	7/64
7	177.8	7.656	194.4	26.00	38.69	6.276	159.4	6 1/8	155.6	.151	5/32
7	177.8	7.656	194.4	29.00	43.15	6.184	157.0	6	152.4	.184	3/16
7	177.8	7.656	194.4	32.00	47.62	6.094	154.7	6	152.4	.094	3/32
7	177.8	7.656	194.4	35.00	52.08	6.004	152.5	5 7/8	149.2	.129	1/8
7	177.8	7.656	194.4	38.00	56.54	5.920	150.3	5 3/4	146.0	.170	11/64
7 5/8	193.7	8.500	215.9	20.00	29.76	7.125	180.9	6 3/4	171.4	.375	3/8
7 5/8	193.7	8.500	215.9	24.00	35.71	7.025	178.4	6 3/4	171.4	.275	9/32
7 5/8	193.7	8.500	215.9	26.40	39.28	6.969	177.0	6 3/4	171.4	.219	7/32
7 5/8	193.7	8.500	215.9	29.70	44.19	6.875	174.6	6 3/4	171.4	.125	1/8
7 5/8	193.7	8.500	215.9	33.70	50.15	6.765	171.8	6 5/8	168.3	.140	9/64
7 5/8	193.7	8.500	215.9	39.00	58.03	6.625	168.2	6 1/4	158.8	.375	3/8
8 5/8	219.1	9.625	244.4	24.00	35.71	8.097	205.6	7 7/8	200.0	.222	7/32
8 5/8	219.1	9.625	244.4	28.00	41.66	8.017	203.6	7 7/8	200.0	.142	9/64
8 5/8	219.1	9.625	244.4	32.00	47.62	7.921	201.1	7 5/8	193.6	.296	19/64
8 5/8	219.1	9.625	244.4	36.00	53.57	7.825	198.7	7 5/8	193.6	.200	13/64
8 5/8	219.1	9.625	244.4	40.00	59.52	7.725	196.2	7 5/8	193.6	.100	3/32
8 5/8	219.1	9.625	244.4	44.00	65.47	7.625	193.6	7 3/8	187.3	.250	1/4
8 5/8	219.1	9.625	244.4	49.00	72.91	7.511	190.7	7 3/8	187.3	.136	9/64
9 5/8	244.5	10.625	269.8	29.30	43.60	9.063	230.2	8 3/4	222.2	.313	5/16
9 5/8	244.5	10.625	269.8	32.30	48.06	9.001	228.6	8 3/4	222.2	.251	1/4
9 5/8	244.5	10.625	269.8	36.00	53.57	8.921	226.5	8 3/4	222.2	.171	11/64
9 5/8	244.5	10.625	269.8	40.00	59.52	8.835	224.4	8 5/8	219.1	.210	13/64
9 5/8	244.5	10.625	269.8	43.50	64.73	8.755	222.3	8 5/8	219.1	.130	1/8
9 5/8	244.5	10.625	269.8	47.00	69.94	8.661	220.4	8 1/2	215.9	.181	3/16
9 5/8	244.5	10.625	269.8	53.50	79.61	8.535	216.7	8 3/8	212.7	.160	5/32
10 3/4	273.0	11.750	298.4	32.75	48.73	10.192	258.8	9 7/8	250.8	.317	5/16
10 3/4	273.0	11.750	298.4	40.50	60.26	10.050	255.2	9 7/8	250.8	.175	11/64
10 3/4	273.0	11.750	298.4	45.50	67.70	9.950	252.7	9 3/4	247.6	.200	13/64
10 3/4	273.0	11.750	298.4	51.00	75.89	9.850	250.1	9 5/8	244.5	.225	7/32
10 3/4	273.0	11.750	298.4	55.50	82.58	9.760	247.9	9 5/8	244.5	.135	9/64
11 3/4	298.4	12.750	323.8	38.00	56.54	11.150	283.2	11	279.4	.150	5/32
11 3/4	298.4	12.750	323.8	42.00	62.50	11.084	281.5	10 3/4	273.0	.334	21/64
11 3/4	298.4	12.750	323.8	47.00	69.94	11.000	279.4	10 3/4	273.0	.250	1/4
11 3/4	298.4	12.750	323.8	54.00	80.35	10.880	276.3	10 5/8	269.9	.255	1/4
11 3/4	298.4	12.750	323.8	64.00	89.28	10.772	273.6	10 5/8	269.9	.147	6/64
13 3/8	339.7	14.375	365.1	48.00	71.42	12.715	322.9	12 1/4	311.2	.465	15/32
13 3/8	339.7	14.375	365.1	54.50	81.10	12.615	320.4	12 1/4	311.2	.365	25/64
13 3/8	339.7	14.375	365.1	61.00	90.77	12.515	317.8	12 1/4	311.2	.265	17/64
13 3/8	339.7	14.375	365.1	68.00	101.18	12.415	315.3	12 1/4	311.2	.165	11/64
13 3/8	339.7	14.375	365.1	72.00	107.14	12.347	316.6	12	304.8	.347	11/32
16	406.4	17.000	431.8	55.00	81.84	15.375	390.5	15	381.0	.375	3/8
16	406.4	17.000	431.8	65.00	96.72	15.250	387.3	15	381.0	.250	1/4
16	406.4	17.000	431.8	75.00	111.60	15.125	384.1	14 3/4	374.6	.375	3/8
16	406.4	17.000	431.8	84.00	124.99	15.010	381.2	14 3/4	374.6	.260	17/64
20	508.0	21.000	533.4	94.00	139.87	19.124	485.7	17 1/2	444.5	1.624	1 5/8