



"Drilling Bit Specialties"

(661) 322-6184

BAKERSFIELD, CALIFORNIA

API Casing Dimensions & Bit Clearance Data

[Return to Previous page](#)

Dimensions						Bit Size and Diameter Clearance		
Size OD	Weight Per Foot Nominal	Wall	Nominal ID	Coupling OD	Drift	Nominal Bit Size		Clearance From Drift Dia.
Inches	Pounds	Inches				Inches	Decimal	Inches
4½	9.50	0.205	4.090	5.000	3.965	3 7/8	3.875	0.090
	11.60	0.250	4.000	5.000	3.875	3 7/8	3.875	0.000
	13.50	0.290	3.920	5.000	3.795	3 3/4	3.750	0.045
	15.10	0.337	3.826	5.000	3.701	3 5/8	3.625	0.076
5	11.50	0.220	4.560	5.563	4.435	4 1/4	4.250	0.185
	13.00	0.253	4.494	5.563	4.369	4 1/4	4.250	0.119
	15.00	0.296	4.408	5.563	4.283	4 1/4	4.250	0.033
	18.00	0.362	4.276	5.563	4.151	4 1/8	4.125	0.026
5½	13.00	0.228	5.044	6.050	4.919	4 3/4	4.750	0.169
	14.00	0.244	5.012	6.050	4.887	4 3/4	4.750	0.137
	15.50	0.275	4.950	6.050	4.825	4 3/4	4.758	0.075
	17.00	0.304	4.892	6.050	7.767	4 3/4	4.750	0.017
	20.00	0.361	4.778	6.050	4.653	4 5/8	4.625	0.028
	23.00	0.415	4.670	6.050	4.545	4 1/2	4.500	0.045
6	15.00	0.238	5.524	6.625	5.399	5 3/8	5.375	0.024
	18.00	0.288	5.424	6.625	5.299	5 1/8	5.125	0.174
	20.00	0.324	5.352	6.625	5.227	5 1/8	5.125	0.102
	23.00	0.380	5.240	6.625	5.115	4 7/8	4.875	0.240
	26.00	0.434	5.132	6.625	5.007	4 7/8	4.875	0.132
6 5/8	17.00	0.245	6.135	7.390	6.010	6	6.000	0.010
	20.00	0.288	6.049	7.390	5.924	5 7/8	5.875	0.049
	24.00	0.352	5.921	7.390	5.796	5 3/4	5.750	0.046
	28.00	0.417	5.791	7.390	5.666	5 5/8	5.625	0.041
	32.00	0.475	5.675	7.390	5.550	5 3/8	5.375	0.175

Dimensions						Bit Size and Diameter Clearance		
Size OD	Weight Per Foot Nominal	Wall	Nominal ID	Coupling OD	Drift	Nominal Bit Size		Clearance From Drift Dia.
Inches	Pounds	Inches			Inches	Decimal	Inches	
7	17.00	0.231	6.538	7.656	6.413	6 3/8	6.375	0.038
	20.00	0.272	6.456	7.656	6.331	6 1/4	6.250	0.081
	23.00	0.317	6.366	7.656	6.241	6 1/8	6.125	0.116
	26.00	0.362	6.276	7.656	6.151	6 1/8	6.125	0.026
	29.00	0.408	6.184	7.656	6.059	6	6.000	0.059
	32.00	0.453	6.094	7.656	5.969	5 7/8	5.875	0.094
	35.00	0.498	6.004	7.656	5.879	5 7/8	5.875	0.004
	38.00	0.540	5.920	7.656	5.795	5 3/4	5.750	0.045
7 5/8	20.00	0.250	4.125	8.500	7.000	6 3/4	6.750	0.250
	24.00	0.300	7.025	8.500	6.900	6 3/4	6.750	0.150
	26.40	0.328	6.969	8.500	6.844	6 3/4	6.785	0.094
	29.70	0.375	6.875	8.500	6.750	6 3/4	6.750	0.000
	33.70	0.430	6.765	8.500	6.640	6 5/8	6.625	0.015
	39.00	0.500	6.625	8.500	6.500	6 3/8	6.375	0.125
8 5/8	24.00	0.264	8.097	9.625	7.972	7 7/8	7.875	0.097
	28.00	0.304	8.017	9.625	7.892	7 7/8	7.875	0.017
	32.00	0.352	7.921	9.625	7.796	7 3/4	7.750	0.046
	36.00	0.400	7.825	9.625	7.700	7 5/8	7.625	0.075
	40.00	0.450	7.725	9.625	7.600	7 3/8	7.375	0.225
	44.00	0.500	7.625	9.625	7.500	7 3/8	7.375	0.125
	49.00	0.557	7.511	9.625	7.386	7 3/8	7.375	0.011
9 5/8	29.30	0.281	9.063	10.635	8.907	8 3/4	8.750	0.157
	32.30	0.312	9.001	10.625	8.845	8 3/4	8.750	0.095
	36.00	0.352	8.921	10.625	8.765	8 3/4	8.750	0.015
	40.00	0.395	8.835	10.625	8.679	8 5/8	8.625	0.054
	43.50	0.435	8.755	10.625	8.599	8 1/2	8.500	0.099
	47.00	0.472	8.681	10.625	8.525	8 1/2	8.500	0.025
	53.50	0.545	8.535	10.625	8.379	8 3/8	8.375	0.004

Dimensions						Bit Size and Diameter Clearance		
Size OD	Weight Per Foot Nominal	Wall	Nominal ID	Coupling OD	Drift	Nominal Bit Size		Clearance From Drift Dia.
Inches	Pounds	Inches			Inches	Decimal	Inches	
	32.75	0.276	10.192	11.750	10.036	9 7/8	9.875	0.161
	40.50	0.350	10.050	11.750	9.894	9 7/8	9.875	0.019
	45.50	0.400	9.950	11.750	9.794	9 3/4	9.875	0.044

10 3/4	51.00	0.450	9.850	11.750	9.694	9 5/8	9.625	0.069
	55.50	0.495	9.760	11.750	6.604	9	9.000	0.604
	60.70	0.545	9.660	11.750	9.504	9	9.000	0.504
	65.70	0.595	9.560	11.750	9.404	9	9.000	0.404
11 3/4	38.00	0.300	11.150	12.750	10.994	10 5/8	10.625	0.369
	42.00	0.333	11.084	12.750	10.928	10 5/8	10.625	0.303
	47.00	0.375	11.000	12.750	10.844	10 5/8	10.625	0.219
	54.00	0.435	10.880	12.750	10.724	10 5/8	10.625	0.099
	60.00	0.489	10.772	12.750	10.616	9 7/8	9.875	0.741
13 3/8	48.00	0.330	12.715	14.375	12.559	12 1/4	12.250	0.309
	54.50	0.380	12.615	14.375	12.459	12 1/4	12.250	0.209
	61.00	0.430	12.515	14.375	12.359	12 1/4	12.250	0.109
	68.00	0.480	12.415	14.375	12.259	12 1/4	12.250	0.009
	72.00	0.514	12.347	14.375	12.171	12	12.000	0.191
16	55.00	0.312	15.375	17.000	15.188	15	15.000	0.188
	65.00	0.375	15.250	17.000	15.062	15	15.000	0.062
	75.00	0.438	15.125	17.000	14.938	14 3/4	14.750	0.188
	84.00	0.495	15.010	17.000	14.823	14 3/4	14.750	0.073
18 5/8	87.50	0.435	17.755	20.000	17.568	17 1/2	17.500	0.068
20	94.00	0.438	19.124	21.000	18.936	17 1/2	17.500	1.436

NOTE: Above information for API casing. For other casing data, refer to Toolpushers Manual or specific manufacturer's specifications. For metric equivalents (millimeters), multiply the "inches" by 25.4

DRILL BITS
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