## Drill Collar Weight (Steel)
**(lb per ft)**

| Collar OD in. | Drill Collar ID (in.) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 1-1/4 | 1-1/2 | 1-3/4 | 2 | 2-1/4 | 2-1/2 | 2-13/16 | 3 | 3-1/4 | 3-1/2 | 3-3/4 | 4 |
| 2-7/8 | 19 | 18 | 16 | - | - | - | - | - | - | - | - | - | - |
| 3 | 21 | 20 | 18 | - | - | - | - | - | - | - | - | - | - |
| 3-1/8 | 22 | 22 | 20 | - | - | - | - | - | - | - | - | - | - |
| 3-1/4 | 26 | 24 | 22 | - | - | - | - | - | - | - | - | - | - |
| 3-1/2 | 30 | 29 | 27 | - | - | - | - | - | - | - | - | - | - |
| 3-3/4 | 35 | 33 | 32 | - | - | - | - | - | - | - | - | - | - |
| 4 | 40 | 39 | 37 | 35 | 32 | 29 | - | - | - | - | - | - | - |
| 4-1/8 | 43 | 41 | 39 | 37 | 35 | 32 | - | - | - | - | - | - | - |
| 4-1/4 | 46 | 44 | 42 | 40 | 38 | 35 | - | - | - | - | - | - | - |
| 4-1/2 | 51 | 50 | 48 | 46 | 43 | 41 | - | - | - | - | - | - | - |
| 4-3/4 | - | - | 54 | 52 | 50 | 47 | 44 | - | - | - | - | - | - |
| 5 | - | - | 61 | 59 | 56 | 53 | 50 | - | - | - | - | - | - |
| 5-1/4 | - | - | 68 | 65 | 63 | 60 | 57 | - | - | - | - | - | - |
| 5-1/2 | - | - | 75 | 73 | 70 | 67 | 64 | 60 | - | - | - | - | - |
| 5-3/4 | - | - | 82 | 80 | 78 | 75 | 72 | 67 | 64 | 60 | - | - | - |
| 6 | - | - | 90 | 88 | 85 | 83 | 79 | 75 | 72 | 68 | - | - | - |
| 6-1/4 | - | - | 98 | 96 | 94 | 91 | 88 | 83 | 80 | 76 | 72 | - | - |
| 6-1/2 | - | - | 107 | 105 | 102 | 99 | 96 | 91 | 89 | 85 | 80 | - | - |
| 6-3/4 | - | - | 116 | 114 | 111 | 108 | 105 | 100 | 98 | 93 | 89 | - | - |
| 7 | - | - | 125 | 123 | 120 | 117 | 114 | 110 | 107 | 103 | 98 | 93 | 84 |
| 7-1/4 | - | - | 134 | 132 | 130 | 127 | 124 | 119 | 116 | 112 | 108 | 103 | 93 |
| 7-1/2 | - | - | 144 | 142 | 139 | 137 | 133 | 129 | 126 | 122 | 117 | 113 | 102 |
| 7-3/4 | - | - | 154 | 152 | 150 | 147 | 144 | 139 | 136 | 132 | 128 | 123 | 112 |
| 8 | - | - | 165 | 163 | 160 | 157 | 154 | 150 | 147 | 143 | 138 | 133 | 122 |
| 8-1/4 | - | - | 176 | 174 | 171 | 168 | 165 | 160 | 158 | 154 | 149 | 144 | 133 |
| 8-1/2 | - | - | 187 | 185 | 182 | 179 | 176 | 172 | 169 | 165 | 160 | 155 | 150 |
| 9 | - | - | 210 | 208 | 206 | 203 | 200 | 195 | 192 | 188 | 184 | 179 | 174 |
| 9-1/2 | - | - | 234 | 232 | 230 | 227 | 224 | 220 | 216 | 212 | 209 | 206 | 198 |
| 9-3/4 | - | - | 248 | 245 | 243 | 240 | 237 | 232 | 229 | 225 | 221 | 216 | 211 |
| 10 | - | - | 261 | 259 | 257 | 254 | 251 | 246 | 243 | 239 | 235 | 230 | 225 |
| 11 | - | - | 317 | 315 | 313 | 310 | 307 | 302 | 299 | 295 | 291 | 286 | 281 |
| 12 | - | - | 379 | 377 | 374 | 371 | 368 | 364 | 361 | 357 | 352 | 347 | 342 |

Note 1: To determine weights of standard drill collars not shown use the following formula:
(Area OD - Area ID) x 3.408 = wt/ft

Note 2: To determine approximate weights of spiral drill collars, find the pounds per foot for a collar of the same size in the above chart and multiply by 96 percent; for example, a collar with an OD of 6" and an ID of 2" OD = 85 pounds per foot above; 85 x .96 = 81.6 pounds per foot (an approximation)

Note 3: To determine class weights, multiply by number of feet; for example, a 30" class collar with an OD of 6" and an ID of 2" weighs 85 pounds per foot; 85 x 30 = 2,550 pounds

Data provided by API, from Table 13, page 34, 16th edition, API RP7G; August, 1998

See API Specification 7, Table 13 for API standard drill collar dimensions

For special configurations of drill collars, consult manufacturer for reduction in weight