



### Casing Pipe Dimensions and Weight Chart for API round thread and buttress thread

| Lables |       | Outside diameter | Nominal linear mass T&C | Wall thickness | Inside diameter | Drift diameter | Calculated mass C |   |       |                 |       |
|--------|-------|------------------|-------------------------|----------------|-----------------|----------------|-------------------|---|-------|-----------------|-------|
|        |       |                  |                         |                |                 |                | Plain end         | Mass gain or loss due to end finishing (lb) |       |                 |       |
|        |       |                  |                         |                |                 |                |                   | Round thread                                |       | Buttress thread |       |
| 1      | 2.00  | D (in)           | lb/ft                   | t (in)         | d (in)          | in             | lb/ft             | Short                                       | Long  | RC              | SCC   |
| 1      | 2     | 3                | 4                       | 5              | 6               | 7              | 8                 | 9   | 10    | 11              | 12    |
| 4 1/2  | 9.50  | 4.500            | 9.50                    | 0.205          | 4.090           | 3.965          | 9.41              | 4.20  |       |                 |       |
| 4 1/2  | 10.50 | 4.500            | 10.50                   | 0.224          | 4.052           | 3.927          | 10.24             | 3.80  |       | 5.00            | 2.56  |
| 4 1/2  | 11.60 | 4.500            | 11.60                   | 0.250          | 4.000           | 3.875          | 11.36             | 3.40  | 3.80  | 4.60            | 2.16  |
| 4 1/2  | 13.50 | 4.500            | 13.50                   | 0.290          | 3.920           | 3.795          | 13.05             |   | 3.20  | 4.00            | 1.56  |
| 4 1/2  | 15.10 | 4.500            | 15.10                   | 0.337          | 3.826           | 3.701          | 15.00             |   | 2.80  | 3.20            | 0.76  |
| 5      | 11.50 | 5.000            | 11.50                   | 0.220          | 4.560           | 4.435          | 11.24             | 5.40  |       |                 |       |
| 5      | 13.00 | 5.000            | 13.00                   | 0.253          | 4.494           | 4.369          | 12.84             | 4.80  | 5.80  | 6.60            | 2.42  |
| 5      | 15.00 | 5.000            | 15.00                   | 0.296          | 4.408           | 4.283          | 14.88             | 4.20  | 5.20  | 5.80            | 1.62  |
| 5      | 18.00 | 5.000            | 18.00                   | 0.362          | 4.276           | 4.151          | 17.95             |   | 4.20  | 4.40            | 0.22  |
| 5      | 21.40 | 5.000            | 21.40                   | 0.437          | 4.126           | 4.001          | 21.32             |   | 2.95  | 2.46            | -1.72 |
| 5      | 23.20 | 5.000            | 23.20                   | 0.478          | 4.044           | 3.919          | 23.11             |   | 2.30  | 2.05            | -2.09 |
| 5      | 24.10 | 5.000            | 24.10                   | 0.500          | 4.000           | 3.875          | 24.05             |   | 1.95  | 1.24            | -2.94 |
| 5 1/2  | 14.00 | 5.500            | 14.00                   | 0.244          | 5.015           | 4.887          | 13.71             | 5.40  |       |                 |       |
| 5 1/2  | 15.50 | 5.500            | 15.50                   | 0.275          | 4.950           | 4.825          | 15.36             | 4.80  | 5.80  | 6.40            | 2.10  |
| 5 1/2  | 17.00 | 5.500            | 17.00                   | 0.304          | 4.892           | 4.767          | 16.89             | 4.40  | 5.40  | 5.80            | 1.50  |
| 5 1/2  | 20.00 | 5.500            | 20.00                   | 0.361          | 4.778           | 4.653          | 19.83             |   | 4.40  | 4.60            | 0.30  |
| 5 1/2  | 23.00 | 5.500            | 23.00                   | 0.415          | 4.670           | 4.545          | 22.56             |   | 3.20  | 3.40            | 0.90  |
| 5 1/2  | 26.80 | 5.500            | 26.80                   | 0.500          | 4.500           | 4.375          | 26.72             |   |       |                 |       |
| 5 1/2  | 29.70 | 5.500            | 29.70                   | 0.562          | 4.376           | 4.251          | 29.67             |   |       |                 |       |
| 5 1/2  | 32.60 | 5.500            | 32.60                   | 0.625          | 4.250           | 4.125          | 32.57             |   |       |                 |       |
| 5 1/2  | 35.30 | 5.500            | 35.30                   | 0.687          | 4.126           | 4.001          | 35.35             |   |       |                 |       |
| 5 1/2  | 38.00 | 5.500            | 38.00                   | 0.750          | 4.000           | 3.875          | 38.08             |   |       |                 |       |
| 5 1/2  | 40.50 | 5.500            | 40.50                   | 0.812          | 3.876           | 3.751          | 40.69             |   |       |                 |       |
| 5 1/2  | 43.10 | 5.500            | 43.10                   | 0.875          | 3.750           | 3.625          | 43.26             |   |       |                 |       |
| 6 5/8  | 20.00 | 6.625            | 20.00                   | 0.288          | 6.049           | 5.924          | 19.51             | 11.00                                       | 13.60 | 14.40           | 2.38  |
| 6 5/8  | 24.00 | 6.625            | 24.00                   | 0.352          | 5.921           | 5.796          | 23.60             | 9.60  | 12.00 | 12.60           | 0.58  |
| 6 5/8  | 28.00 | 6.625            | 28.00                   | 0.417          | 5.791           | 5.666          | 27.67             |   | 10.20 | 10.60           | -1.42 |
| 6 5/8  | 32.00 | 6.625            | 32.00                   | 0.475          | 5.675           | 5.550          | 31.23             |   | 8.80  | 9.00            | -3.02 |
| 7      | 17.00 | 7.000            | 17.00                   | 0.231          | 6.538           | 6.413          | 16.72             | 10.00                                       |       |                 |       |
| 7      | 20.00 | 7.000            | 20.00                   | 0.272          | 6.456           | 6.331          | 19.56             | 9.40  |       |                 |       |
| 7      | 23.00 | 7.000            | 23.00                   | 0.317          | 6.366           | 6.250          | 22.65             | 8.00  | 10.40 | 11.00           | 1.60  |
| 7      | 23.00 | 7.000            | 23.00                   | 0.317          | 6.366           | 6.241          | 22.65             | 8.00  | 10.40 | 11.00           | 1.60  |
| 7      | 26.00 | 7.000            | 26.00                   | 0.362          | 6.276           | 6.151          | 25.69             | 7.20  | 9.40  | 9.60            | 0.20  |
| 7      | 29.00 | 7.000            | 29.00                   | 0.408          | 6.184           | 6.059          | 28.75             |   | 8.00  | 8.20            | 1.20  |
| 7      | 32.00 | 7.000            | 32.00                   | 0.453          | 6.094           | 6.000          | 31.70             |   | 6.60  | 6.80            | 2.60  |
| 7      | 32.00 | 7.000            | 32.00                   | 0.453          | 6.094           | 5.969          | 31.70             |   | 6.60  | 6.80            | 2.60  |
| 7      | 35.00 | 7.000            | 35.00                   | 0.498          | 6.004           | 5.879          | 34.61             |   | 5.60  | 5.60            | 3.80  |
| 7      | 38.00 | 7.000            | 38.00                   | 0.540          | 5.920           | 5.795          | 37.29             |   | 4.40  | 4.20            | 5.20  |
| 7      | 42.70 | 7.000            | 42.70                   | 0.625          | 5.750           | 5.625          | 42.59             |   |       |                 |       |
| 7      | 46.40 | 7.000            | 46.40                   | 0.687          | 5.625           | 5.500          | 46.36             |   |       |                 |       |
| 7      | 50.10 | 7.000            | 50.10                   | 0.750          | 5.500           | 5.375          | 50.11             |   |       |                 |       |
| 7      | 53.60 | 7.000            | 53.60                   | 0.812          | 5.376           | 5.251          | 53.71             |   |       |                 |       |
| 7      | 57.10 | 7.000            | 57.10                   | 0.875          | 5.250           | 5.125          | 57.29             |   |       |                 |       |

| Lables |       | Outside diameter | Nominal linear mass T&C | Wall thickness | Inside diameter | Drift diameter | Calculated mass C |   |       |                 |       |     |
|--------|-------|------------------|-------------------------|----------------|-----------------|----------------|-------------------|---|-------|-----------------|-------|-----|
|        |       |                  |                         |                |                 |                | Plain end         | Mass gain or loss due to end finishing (lb) |       | Buttress thread |       |     |
| 1      | 2.00  | D (in)           | lb/ft                   | t (in)         | d (in)          | in             |                   | lb/ft                                       | Short | Long            | RC    | SCC |
| 1      | 2     | 3                | 4                       | 5              | 6               | 7              | 8                 | 9   | 10    | 11              | 12    |     |
| 7 5/8  | 24.00 | 7.625            | 24.00                   | 0.300          | 7.025           | 6.900          | 23.49             | 15.80                                       |       |                 |       |     |
| 7 5/8  | 26.40 | 7.625            | 26.40                   | 0.328          | 6.969           | 6.844          | 25.59             | 15.20                                       | 19.00 | 20.60           | 6.21  |     |
| 7 5/8  | 29.70 | 7.625            | 29.70                   | 0.375          | 6.875           | 6.750          | 29.06             |   | 17.40 | 18.80           | 4.41  |     |
| 7 5/8  | 33.70 | 7.625            | 33.70                   | 0.430          | 6.765           | 6.640          | 33.07             |   | 15.80 | 17.00           | 2.61  |     |
| 7 5/8  | 39.00 | 7.625            | 39.00                   | 0.500          | 6.625           | 6.500          | 38.08             |   | 13.60 | 14.60           | 0.21  |     |
| 7 5/8  | 42.80 | 7.625            | 42.80                   | 0.562          | 6.501           | 6.376          | 42.43             |   | 12.01 | 11.39           | -3.01 |     |
| 7 5/8  | 45.30 | 7.625            | 45.30                   | 0.595          | 6.435           | 6.310          | 44.71             |   | 11.04 | 11.04           | -3.36 |     |
| 7 5/8  | 47.10 | 7.625            | 47.10                   | 0.625          | 6.375           | 6.250          | 46.77             |   | 10.16 | 9.23            | -5.17 |     |
| 7 5/8  | 51.20 | 7.625            | 51.20                   | 0.687          | 6.251           | 6.126          | 50.95             |   |       |                 |       |     |
| 7 5/8  | 55.30 | 7.625            | 55.30                   | 0.750          | 6.125           | 6.000          | 55.12             |   |       |                 |       |     |
| 7 3/4  | 46.10 | 7.750            | 46.10                   | 0.595          | 6.560           | 6.500          | 45.51             |   |       |                 |       |     |
| 7 3/4  | 46.10 | 7.750            | 46.10                   | 0.595          | 6.560           | 6.435          | 45.51             |   |       |                 |       |     |
| 8 5/8  | 24.00 | 8.625            | 24.00                   | 0.264          | 8.097           | 7.972          | 23.60             | 23.60                                       |       |                 |       |     |
| 8 5/8  | 28.00 | 8.625            | 28.00                   | 0.304          | 8.017           | 7.892          | 27.04             | 22.20                                       |       |                 |       |     |
| 8 5/8  | 32.00 | 8.625            | 32.00                   | 0.352          | 7.921           | 7.875          | 31.13             | 20.80                                       | 27.60 | 28.30           | 6.03  |     |
| 8 5/8  | 32.00 | 8.625            | 32.00                   | 0.352          | 7.921           | 7.796          | 31.13             | 20.80                                       | 27.60 | 28.20           | 6.03  |     |
| 8 5/8  | 36.00 | 8.625            | 36.00                   | 0.400          | 7.825           | 7.700          | 35.17             | 19.40                                       | 25.60 | 26.20           | 4.03  |     |
| 8 5/8  | 40.00 | 8.625            | 40.00                   | 0.450          | 7.725           | 7.625          | 39.33             |   | 23.80 | 24.20           | 2.03  |     |
| 8 5/8  | 40.00 | 8.625            | 40.00                   | 0.450          | 7.725           | 7.600          | 39.33             |   | 23.80 | 24.20           | 2.03  |     |
| 8 5/8  | 44.00 | 8.625            | 44.00                   | 0.500          | 7.625           | 7.500          | 43.43             |   | 21.80 | 22.20           | 0.03  |     |
| 8 5/8  | 49.00 | 8.625            | 49.00                   | 0.557          | 7.511           | 7.286          | 48.04             |   | 19.60 | 19.80           | -2.37 |     |
| 9 5/8  | 32.30 | 9.625            | 32.30                   | 0.312          | 9.001           | 8.845          | 31.06             | 24.40                                       |       |                 |       |     |
| 9 5/8  | 36.00 | 9.625            | 36.00                   | 0.352          | 8.921           | 8.876          | 34.89             | 23.00                                       | 32.00 | 31.00           | 6.48  |     |
| 9 5/8  | 40.00 | 9.625            | 40.00                   | 0.395          | 8.835           | 8.750          | 38.97             | 21.40                                       | 30.00 | 29.00           | 4.48  |     |
| 9 5/8  | 40.00 | 9.625            | 40.00                   | 0.395          | 8.835           | 8.679          | 38.97             | 21.40                                       | 30.00 | 29.00           | 4.48  |     |
| 9 5/8  | 43.50 | 9.625            | 43.50                   | 0.435          | 8.755           | 8.599          | 42.73             |   | 28.20 | 27.20           | 2.68  |     |
| 9 5/8  | 47.00 | 9.625            | 47.00                   | 0.472          | 8.681           | 8.525          | 46.18             |   | 26.60 | 25.60           | 1.08  |     |
| 9 5/8  | 53.50 | 9.625            | 53.50                   | 0.545          | 8.535           | 8.500          | 52.90             |   | 23.40 | 22.40           | -2.12 |     |
| 9 5/8  | 53.50 | 9.625            | 53.50                   | 0.545          | 8.535           | 8.379          | 52.90             |   | 23.40 | 22.40           | -2.12 |     |
| 9 5/8  | 58.40 | 9.625            | 58.40                   | 0.595          | 8.435           | 8.375          | 57.44             |   | 21.50 | 20.13           | -4.40 |     |
| 9 5/8  | 58.40 | 9.625            | 58.40                   | 0.595          | 8.435           | 8.279          | 57.44             |   | 21.50 | 20.13           | -4.40 |     |
| 9 5/8  | 59.40 | 9.625            | 59.40                   | 0.609          | 8.407           | 8.251          | 58.70             |   |       |                 |       |     |
| 9 5/8  | 64.90 | 9.625            | 64.90                   | 0.672          | 8.281           | 8.125          | 64.32             |   |       |                 |       |     |
| 9 5/8  | 70.30 | 9.625            | 70.30                   | 0.734          | 8.157           | 8.001          | 69.76             |   |       |                 |       |     |
| 9 5/8  | 75.60 | 9.625            | 75.60                   | 0.797          | 8.031           | 7.875          | 75.21             |   |       |                 |       |     |
| 10 3/4 | 32.75 | 10.750           | 32.75                   | 0.279          | 10.192          | 10.036         | 31.23             | 29.00                                       |       |                 |       |     |
| 10 3/4 | 40.50 | 10.750           | 40.50                   | 0.350          | 10.050          | 9.894          | 38.91             | 26.40                                       |       | 34.40           | 7.21  |     |
| 10 3/4 | 45.50 | 10.750           | 45.50                   | 0.400          | 9.950           | 9.875          | 44.26             | 24.40                                       |       | 31.80           | 4.61  |     |
| 10 3/4 | 45.50 | 10.750           | 45.50                   | 0.400          | 9.950           | 9.794          | 44.26             | 24.40                                       |       | 31.80           | 4.61  |     |
| 10 3/4 | 51.00 | 10.750           | 51.00                   | 0.450          | 9.850           | 9.694          | 49.55             | 22.60                                       |       | 29.40           | 2.21  |     |
| 10 3/4 | 55.50 | 10.750           | 55.50                   | 0.495          | 9.760           | 9.625          | 54.26             | 20.80                                       |       | 27.00           | -0.19 |     |
| 10 3/4 | 55.50 | 10.750           | 55.50                   | 0.495          | 9.760           | 9.604          | 54.26             | 20.80                                       |       | 27.00           | -0.19 |     |
| 10 3/4 | 60.70 | 10.750           | 60.70                   | 0.545          | 9.660           | 9.504          | 59.45             | 18.80                                       |       | 24.40           |       |     |
| 10 3/4 | 65.70 | 10.750           | 65.70                   | 0.595          | 9.560           | 9.404          | 64.59             | 16.80                                       |       | 22.00           |       |     |
| 10 3/4 | 73.20 | 10.750           | 73.20                   | 0.672          | 9.406           | 9.250          | 72.40             |   |       |                 |       |     |
| 10 3/4 | 79.20 | 10.750           | 79.20                   | 0.734          | 9.282           | 9.126          | 78.59             |   |       |                 |       |     |
| 10 3/4 | 85.30 | 10.750           | 85.30                   | 0.797          | 9.156           | 9.000          | 84.80             |   |       |                 |       |     |

| Lables |        | Outside diameter | Nominal linear mass T&C | Wall thickness | Inside diameter | Drift diameter | Calculated mass C |   |       |                 |    |
|--------|--------|------------------|-------------------------|----------------|-----------------|----------------|-------------------|---|-------|-----------------|----|
|        |        |                  |                         |                |                 |                | Plain end         | Mass gain or loss due to end finishing (lb) |       | Buttress thread |    |
| 1      | 2.00   | D (in)           | lb/ft                   | t (in)         | d (in)          | in             |                   | lb/ft                                       | Short | Long            | RC |
| 1      | 2      | 3                | 4                       | 5              | 6               | 7              | 8                 | 9   | 10    | 11              | 12 |
| 11 3/4 | 42.00  | 11.750           | 42.00                   | 0.333          | 11.084          | 11.000         | 40.64             | 29.60                                       |       |                 |    |
| 11 3/4 | 42.00  | 11.750           | 42.00                   | 0.333          | 11.084          | 10.928         | 40.64             | 29.60                                       |       |                 |    |
| 11 3/4 | 47.00  | 11.750           | 47.00                   | 0.375          | 11.000          | 10.844         | 45.60             | 27.60                                       |       | 35.80           |    |
| 11 3/4 | 54.00  | 11.750           | 54.00                   | 0.435          | 10.880          | 10.724         | 52.62             | 25.00                                       |       | 32.40           |    |
| 11 3/4 | 60.00  | 11.750           | 60.00                   | 0.489          | 10.772          | 10.625         | 58.87             | 22.60                                       |       | 29.60           |    |
| 11 3/4 | 60.00  | 11.750           | 60.00                   | 0.489          | 10.772          | 10.616         | 58.87             | 22.60                                       |       | 29.60           |    |
| 11 3/4 | 65.00  | 11.750           | 65.00                   | 0.534          | 10.682          | 10.625         | 64.03             |   |       |                 |    |
| 11 3/4 | 65.00  | 11.750           | 65.00                   | 0.534          | 10.682          | 10.625         | 64.03             |   |       |                 |    |
| 11 3/4 | 71.00  | 11.750           | 71.00                   | 0.582          | 10.586          | 10.430         | 69.48             |   |       |                 |    |
| 13 3/8 | 48.00  | 13.375           | 48.00                   | 0.330          | 12.715          | 12.559         | 46.02             | 33.20                                       |       |                 |    |
| 13 3/8 | 54.50  | 13.375           | 54.50                   | 0.380          | 12.615          | 12.459         | 52.79             | 30.80                                       |       | 40.20           |    |
| 13 3/8 | 61.00  | 13.375           | 61.00                   | 0.430          | 12.515          | 12.359         | 59.50             | 28.40                                       |       | 36.80           |    |
| 13 3/8 | 68.00  | 13.375           | 68.00                   | 0.480          | 12.415          | 12.259         | 66.17             | 25.80                                       |       | 33.60           |    |
| 13 3/8 | 72.00  | 13.375           | 72.00                   | 0.514          | 12.347          | 12.250         | 70.67             | 24.20                                       |       | 31.60           |    |
| 13 3/8 | 72.00  | 13.375           | 72.00                   | 0.514          | 12.347          | 12.191         | 70.67             | 24.20                                       |       | 31.60           |    |
| 16     | 65.00  | 16.000           | 65.00                   | 0.375          | 15.250          | 15.062         | 62.64             | 42.60                                       |       |                 |    |
| 16     | 75.00  | 16.000           | 75.00                   | 0.438          | 15.124          | 14.936         | 72.86             | 38.20                                       |       | 45.60           |    |
| 16     | 84.00  | 16.000           | 84.00                   | 0.495          | 15.010          | 14.822         | 82.05             | 34.20                                       |       | 39.60           |    |
| 16     | 109.00 | 16.000           | 109.00                  | 0.656          | 14.688          | 14.500         | 107.60            |   |       |                 |    |
| 18 5/8 | 87.50  | 18.625           | 87.50                   | 0.435          | 17.755          | 17.567         | 84.59             | 73.60                                       |       | 86.40           |    |
| 20     | 94.00  | 20.000           | 94.00                   | 0.438          | 19.124          | 18.936         | 91.59             | 47.00                                       | 61.20 | 54.80           |    |
| 20     | 106.50 | 20.000           | 106.50                  | 0.500          | 19.000          | 18.812         | 104.23            | 41.60                                       | 54.80 | 48.40           |    |
| 20     | 133.00 | 20.000           | 133.00                  | 0.635          | 18.730          | 18.542         | 131.45            | 30.00                                       | 40.60 | 35.20           |    |

For more info please visit <https://www.octalsteel.com/product/api-5ct-casing-pipes>