

## STANDARD OF 12 FEET BY 20 INCHES.

61

3 ins.

5.56  
11.11  
16.67  
22.22  
27.78  
33.33  
38.89  
44.44  
50.00  
55.56  
61.11  
66.67  
72.22  
77.78  
83.33  
88.89  
94.44  
100.00  
105.56  
111.11  
116.67  
122.22  
127.78  
133.33  
138.89  
144.44  
150.00  
155.56  
161.11  
166.67  
172.22  
177.78  
183.33  
188.89  
194.44  
200.00  
205.56

| Dia'r. | 12 feet. | 13 feet. | Dia'r. | 14 feet. | 15 feet. | Dia'r. | 16 feet. | 17 feet. | Dia'r. | 18 feet. | 19 feet. |
|--------|----------|----------|--------|----------|----------|--------|----------|----------|--------|----------|----------|
| 12     | .3600    | .3900    | 12     | .4200    | .4500    | 12     | .4800    | .5100    | 12     | .5400    | .5700    |
| 13     | .4225    | .4577    | 13     | .4929    | .5281    | 13     | .5633    | .5985    | 13     | .6337    | .6690    |
| 14     | .4900    | .5308    | 14     | .5717    | .6125    | 14     | .6533    | .6942    | 14     | .7350    | .7758    |
| 15     | .5625    | .6094    | 15     | .6563    | .7031    | 15     | .7500    | .7969    | 15     | .8437    | .8906    |
| 16     | .6400    | .6933    | 16     | .7467    | .8000    | 16     | .8533    | .9067    | 16     | .9600    | 1.0133   |
| 17     | .7225    | .7827    | 17     | .8429    | .9031    | 17     | .9633    | 1.0235   | 17     | 1.0837   | 1.1440   |
| 18     | .8100    | .8775    | 18     | .9450    | 1.0125   | 18     | 1.0800   | 1.1475   | 18     | 1.2150   | 1.2825   |
| 19     | .9025    | .9777    | 19     | 1.0529   | 1.1281   | 19     | 1.2033   | 1.2785   | 19     | 1.3537   | 1.4290   |
| 20     | 1.0000   | 1.0833   | 20     | 1.1667   | 1.2500   | 20     | 1.3333   | 1.4167   | 20     | 1.5000   | 1.5833   |
| 21     | 1.1025   | 1.1944   | 21     | 1.2862   | 1.3781   | 21     | 1.4700   | 1.5619   | 21     | 1.6537   | 1.7456   |
| 22     | 1.2100   | 1.3108   | 22     | 1.4117   | 1.5125   | 22     | 1.6133   | 1.7142   | 22     | 1.8150   | 1.9158   |
| 23     | 1.3225   | 1.4327   | 23     | 1.5429   | 1.6531   | 23     | 1.7633   | 1.8735   | 23     | 1.9837   | 2.0940   |
| 24     | 1.4400   | 1.5600   | 24     | 1.6800   | 1.8000   | 24     | 1.9200   | 2.0400   | 24     | 2.1600   | 2.2800   |
| 25     | 1.5625   | 1.6927   | 25     | 1.8229   | 1.9531   | 25     | 2.0833   | 2.2135   | 25     | 2.3437   | 2.4740   |
| 26     | 1.6900   | 1.8308   | 26     | 1.9717   | 2.1125   | 26     | 2.2533   | 2.3942   | 26     | 2.5350   | 2.6758   |
| 27     | 1.8225   | 1.9744   | 27     | 2.1262   | 2.2781   | 27     | 2.4300   | 2.5819   | 27     | 2.7337   | 2.8856   |
| 28     | 1.9600   | 2.1233   | 28     | 2.2867   | 2.4500   | 28     | 2.6133   | 2.7767   | 28     | 2.9400   | 3.1033   |
| 29     | 2.1025   | 2.2777   | 29     | 2.4529   | 2.6281   | 29     | 2.8033   | 2.9785   | 29     | 3.1537   | 3.3290   |
| 30     | 2.2500   | 2.4375   | 30     | 2.6250   | 2.8125   | 30     | 3.0000   | 3.1875   | 30     | 3.3750   | 3.5625   |
| 31     | 2.4025   | 2.6027   | 31     | 2.8029   | 3.0031   | 31     | 3.2033   | 3.4035   | 31     | 3.6037   | 3.8040   |
| 32     | 2.5600   | 2.7733   | 32     | 2.9867   | 3.2000   | 32     | 3.4133   | 3.6267   | 32     | 3.8400   | 4.0533   |
| 33     | 2.7225   | 2.9494   | 33     | 3.1762   | 3.4031   | 33     | 3.6300   | 3.8569   | 33     | 4.0837   | 4.3106   |
| 34     | 2.8900   | 3.1308   | 34     | 3.3717   | 3.6125   | 34     | 3.8533   | 4.0942   | 34     | 4.3350   | 4.5758   |
| 35     | 3.0625   | 3.3177   | 35     | 3.5729   | 3.8281   | 35     | 4.0833   | 4.3385   | 35     | 4.5937   | 4.8490   |
| 36     | 3.2400   | 3.5100   | 36     | 3.7800   | 4.0500   | 36     | 4.3200   | 4.5900   | 36     | 4.8600   | 5.1300   |
| 37     | 3.4225   | 3.7077   | 37     | 3.9929   | 4.2781   | 37     | 4.5633   | 4.8485   | 37     | 5.1337   | 5.4190   |
| 38     | 3.6100   | 3.9108   | 38     | 4.2117   | 4.5125   | 38     | 4.8133   | 5.1142   | 38     | 5.4150   | 5.7158   |
| 39     | 3.8025   | 4.1194   | 39     | 4.4362   | 4.7531   | 39     | 5.0700   | 5.3869   | 39     | 5.7037   | 6.0206   |
| 40     | 4.0000   | 4.3333   | 40     | 4.6667   | 5.0000   | 40     | 5.3333   | 5.6667   | 40     | 6.0000   | 6.3333   |

3 ins.

8.39  
16.77  
25.16  
33.54  
41.93  
50.31  
58.70  
67.08  
75.47  
83.85  
92.23  
100.61  
109.00  
117.38  
125.77  
134.15  
142.54  
150.92  
159.31  
167.69  
176.08  
184.46  
192.85  
201.23  
209.62  
218.00  
226.39  
234.77  
243.16  
251.54  
259.93  
268.31  
276.70  
285.08  
293.47  
301.85  
310.24  
318.62  
327.01  
335.39  
343.78  
352.16  
360.55  
368.93  
377.32  
385.70  
394.09  
402.47  
410.86  
419.24  
427.63  
436.01  
444.40  
452.78  
461.17  
469.55  
477.94  
486.32  
494.71  
503.09  
511.48  
519.86  
528.25  
536.63  
545.02  
553.40  
561.79  
570.17  
578.56  
586.94  
595.33  
603.71  
612.10  
620.48  
628.87  
637.25  
645.64  
654.02  
662.41  
670.79  
679.18  
687.56  
695.95  
704.33  
712.72  
721.10  
729.49  
737.87  
746.26  
754.64  
763.03  
771.41  
779.80  
788.18  
796.57  
804.95  
813.34  
821.72  
830.11  
838.49  
846.88  
855.26  
863.65  
872.03  
880.42  
888.80  
897.19  
905.57  
913.96  
922.34  
930.73  
939.11  
947.50  
955.88  
964.27  
972.65  
981.04  
989.42  
997.81  
1006.19  
1014.58  
1022.96  
1031.35  
1039.73  
1048.12  
1056.50  
1064.89  
1073.27  
1081.66  
1090.04  
1098.43  
1106.81  
1115.20  
1123.58  
1131.97  
1140.35  
1148.74  
1157.12  
1165.51  
1173.89  
1182.28  
1190.66  
1199.05  
1207.43  
1215.82  
1224.20  
1232.59  
1240.97  
1249.36  
1257.74  
1266.13  
1274.51  
1282.90  
1291.28  
1300.67  
1309.05  
1317.44  
1325.82  
1334.21  
1342.59  
1350.98  
1359.36  
1367.75  
1376.13  
1384.52  
1392.90  
1401.29  
1409.67  
1418.06  
1426.44  
1434.83  
1443.21  
1451.60  
1460.00  
1468.38  
1476.77  
1485.15  
1493.54  
1501.92  
1510.31  
1518.69  
1527.08  
1535.46  
1543.85  
1552.23  
1560.62  
1569.00  
1577.39  
1585.77  
1594.16  
1602.54  
1610.93  
1619.31  
1627.70  
1636.08  
1644.47  
1652.85  
1661.24  
1669.62  
1678.01  
1686.39  
1694.78  
1703.16  
1711.55  
1720.93  
1729.32  
1737.70  
1746.09  
1754.47  
1762.86  
1771.24  
1779.63  
1788.01  
1796.40  
1804.78  
1813.17  
1821.55  
1830.94  
1839.32  
1847.71  
1856.09  
1864.48  
1872.86  
1881.25  
1889.63  
1898.02  
1906.40  
1914.79  
1923.17  
1931.56  
1940.94  
1949.33  
1957.71  
1966.10  
1974.48  
1982.87  
1991.25  
2000.00

| Dia'r. | 20 feet. | 21 feet. | Dia'r. | 22 feet. | 23 feet. | Dia'r. | 24 feet. | 25 feet. | Dia'r. | 26 feet. | 27 feet. |
|--------|----------|----------|--------|----------|----------|--------|----------|----------|--------|----------|----------|
| 12     | .6000    | .6300    | 12     | .6600    | .6900    | 12     | .7200    | .7500    | 12     | .7800    | .8100    |
| 13     | .7042    | .7394    | 13     | .7746    | .8098    | 13     | .8450    | .8802    | 13     | .9154    | .9506    |
| 14     | .8167    | .8575    | 14     | .8983    | .9392    | 14     | .9800    | 1.0208   | 14     | 1.0617   | 1.1025   |
| 15     | .9375    | .9844    | 15     | 1.0312   | 1.0781   | 15     | 1.1250   | 1.1719   | 15     | 1.2187   | 1.2656   |
| 16     | 1.0667   | 1.1200   | 16     | 1.1733   | 1.2267   | 16     | 1.2800   | 1.3333   | 16     | 1.3867   | 1.4400   |
| 17     | 1.2042   | 1.2644   | 17     | 1.3246   | 1.3848   | 17     | 1.4450   | 1.5052   | 17     | 1.5654   | 1.6256   |
| 18     | 1.3500   | 1.4175   | 18     | 1.4850   | 1.5525   | 18     | 1.6200   | 1.6875   | 18     | 1.7550   | 1.8225   |
| 19     | 1.5042   | 1.5794   | 19     | 1.6546   | 1.7298   | 19     | 1.8050   | 1.8802   | 19     | 1.9554   | 2.0306   |
| 20     | 1.6667   | 1.7500   | 20     | 1.8333   | 1.9167   | 20     | 2.0000   | 2.0833   | 20     | 2.1667   | 2.2500   |
| 21     | 1.8375   | 1.9294   | 21     | 2.0212   | 2.1131   | 21     | 2.2050   | 2.2969   | 21     | 2.3887   | 2.4806   |
| 22     | 2.0167   | 2.1175   | 22     | 2.2183   | 2.3192   | 22     | 2.4200   | 2.5208   | 22     | 2.6217   | 2.7225   |
| 23     | 2.2042   | 2.3144   | 23     | 2.4246   | 2.5348   | 23     | 2.6450   | 2.7552   | 23     | 2.8654   | 2.9756   |
| 24     | 2.4000   | 2.5200   | 24     | 2.6400   | 2.7600   | 24     | 2.8800   | 3.0000   | 24     | 3.1200   | 3.2400   |
| 25     | 2.6042   | 2.7344   | 25     | 2.8646   | 2.9948   | 25     | 3.1250   | 3.2552   | 25     | 3.3854   | 3.5156   |
| 26     | 2.8167   | 2.9575   | 26     | 3.0983   | 3.2392   | 26     | 3.3800   | 3.5208   | 26     | 3.6617   | 3.8025   |
| 27     | 3.0375   | 3.1894   | 27     | 3.3412   | 3.4931   | 27     | 3.6450   | 3.7969   | 27     | 3.9487   | 4.1006   |
| 28     | 3.2667   | 3.4300   | 28     | 3.5933   | 3.7567   | 28     | 3.9200   | 4.0833   | 28     | 4.2467   | 4.4100   |
| 29     | 3.5042   | 3.6794   | 29     | 3.8546   | 4.0298   | 29     | 4.2050   | 4.3802   | 29     | 4.5554   | 4.7306   |
| 30     | 3.7500   | 3.9375   | 30     | 4.1250   | 4.3125   | 30     | 4.5000   | 4.6875   | 30     | 4.8750   | 5.0625   |
| 31     | 4.0042   | 4.2044   | 31     | 4.4046   | 4.6048   | 31     | 4.8050   | 5.0052   | 31     | 5.2054   | 5.4056   |
| 32     | 4.2667   | 4.4800   | 32     | 4.6933   | 4.9067   | 32     | 5.1200   | 5.3333   | 32     | 5.5467   | 5.7600   |
| 33     | 4.5375   | 4.7644   | 33     | 4.9912   | 5.2181   | 33     | 5.4450   | 5.6719   | 33     | 5.8987   | 6.1256   |
| 34     | 4.8167   | 5.0575   | 34     | 5.2983   | 5.5392   | 34     | 5.7800   | 6.0208   | 34     | 6.2617   | 6.5025   |
| 35     | 5.1042   | 5.3594   | 35     | 5.6146   | 5.8698   | 35     | 6.1250   | 6.3802   | 35     | 6.6354   | 6.8906   |
| 36     | 5.4000   | 5.6700   | 36     | 5.9400   | 6.2100   | 36     | 6.4800   | 6.7500   | 36     | 7.0200   | 7.2900   |
| 37     | 5.7042   | 5.9894   | 37     | 6.2746   | 6.5598   | 37     | 6.8450   | 7.1302   | 37     | 7.4154   | 7.7006   |
| 38     | 6.0167   | 6.3175   | 38     | 6.6183   | 6.9192   | 38     | 7.2200   | 7.5208   | 38     | 7.8217   | 8.1225   |
| 39     | 6.3375   | 6.6544   | 39     | 6.9712   | 7.2881   | 39     | 7.6050   | 7.9219   | 39     | 8.2387   | 8.5556   |
| 40     | 6.6667   | 7.0000   | 40     | 7.3333   | 7.6667   | 40     | 8.0000   | 8.3333   | 40     | 8.6667   | 9.0000   |