



TESTING, ADJUSTING AND BALANCING BUREAU  
THE PROFESSIONAL'S CHOICE™

## Round Traverse Test Point Chart

### Twenty Point Traverse - Equal Area Method

|          | 1      | 2       | 3       | 4       | 5        | 6        | 7        | 8        | 9        | 10       |
|----------|--------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| Diameter | 0.026  | 0.082   | 0.146   | 0.226   | 0.342    | 0.658    | 0.774    | 0.854    | 0.918    | 0.974    |
| 10       | 1/4    | 13/16   | 1 7/16  | 2 1/4   | 3 7/16   | 6 9/16   | 7 3/4    | 8 9/16   | 9 3/16   | 9 3/4    |
| 12       | 5/16   | 1       | 1 3/4   | 2 11/16 | 4 1/8    | 7 7/8    | 9 5/16   | 10 1/4   | 11       | 11 11/16 |
| 14       | 3/8    | 1 1/8   | 2 1/16  | 3 3/16  | 4 13/16  | 9 3/16   | 10 13/16 | 11 15/16 | 12 7/8   | 13 5/8   |
| 16       | 7/16   | 1 5/16  | 2 5/16  | 3 5/8   | 5 1/2    | 10 1/2   | 12 3/8   | 13 11/16 | 14 11/16 | 15 9/16  |
| 18       | 7/16   | 1 1/2   | 2 5/8   | 4 1/16  | 6 1/8    | 11 7/8   | 13 15/16 | 15 3/8   | 16 1/2   | 17 9/16  |
| 20       | 1/2    | 1 5/8   | 2 15/16 | 4 1/2   | 6 13/16  | 13 3/16  | 15 1/2   | 17 1/16  | 18 3/8   | 19 1/2   |
| 22       | 9/16   | 1 13/16 | 3 3/16  | 5       | 7 1/2    | 14 1/2   | 17       | 18 13/16 | 20 3/16  | 21 7/16  |
| 24       | 5/8    | 1 15/16 | 3 1/2   | 5 7/16  | 8 3/16   | 15 13/16 | 18 9/16  | 20 1/2   | 22 1/16  | 23 3/8   |
| 26       | 11/16  | 2 1/8   | 3 13/16 | 5 7/8   | 8 7/8    | 17 1/8   | 20 1/8   | 22 3/16  | 23 7/8   | 25 5/16  |
| 28       | 3/4    | 2 5/16  | 4 1/16  | 6 5/16  | 9 9/16   | 18 7/16  | 21 11/16 | 23 15/16 | 25 11/16 | 27 1/4   |
| 30       | 3/4    | 2 7/16  | 4 3/8   | 6 3/4   | 10 1/4   | 19 3/4   | 23 1/4   | 25 5/8   | 27 9/16  | 29 1/4   |
| 32       | 13/16  | 2 5/8   | 4 11/16 | 7 1/4   | 10 15/16 | 21 1/16  | 24 3/4   | 27 5/16  | 29 3/8   | 31 3/16  |
| 34       | 7/8    | 2 13/16 | 4 15/16 | 7 11/16 | 11 5/8   | 22 3/8   | 26 5/16  | 29 1/16  | 31 3/16  | 33 1/8   |
| 36       | 15/16  | 2 15/16 | 5 1/4   | 8 1/8   | 12 5/16  | 23 11/16 | 27 7/8   | 30 3/4   | 33 1/16  | 35 1/16  |
| 38       | 1      | 3 1/8   | 5 9/16  | 8 9/16  | 13       | 25       | 29 7/16  | 32 7/16  | 34 7/8   | 37       |
| 40       | 1 1/16 | 3 1/4   | 5 13/16 | 9 1/16  | 13 11/16 | 26 5/16  | 30 15/16 | 34 3/16  | 36 3/4   | 38 15/16 |
| 42       | 1 1/16 | 3 7/16  | 6 1/8   | 9 1/2   | 14 3/8   | 27 5/8   | 32 1/2   | 35 7/8   | 38 9/16  | 40 15/16 |
| 44       | 1 1/8  | 3 5/8   | 6 7/16  | 9 15/16 | 15 1/16  | 28 15/16 | 34 1/16  | 37 9/16  | 40 3/8   | 42 7/8   |
| 46       | 1 3/16 | 3 3/4   | 6 11/16 | 10 3/8  | 15 3/4   | 30 1/4   | 35 5/8   | 39 5/16  | 42 1/4   | 44 13/16 |
| 48       | 1 1/4  | 3 15/16 | 7       | 10 7/8  | 16 7/16  | 31 9/16  | 37 1/8   | 41       | 44 1/16  | 46 3/4   |
| 50       | 1 5/16 | 4 1/8   | 7 5/16  | 11 5/16 | 17 1/8   | 32 7/8   | 38 11/16 | 42 11/16 | 45 7/8   | 48 11/16 |
| 52       | 1 3/8  | 4 1/4   | 7 9/16  | 11 3/4  | 17 13/16 | 34 3/16  | 40 1/4   | 44 7/16  | 47 3/4   | 50 5/8   |
| 54       | 1 3/8  | 4 7/16  | 7 7/8   | 12 3/16 | 18 7/16  | 35 9/16  | 41 13/16 | 46 1/8   | 49 9/16  | 52 5/8   |
| 56       | 1 7/16 | 4 9/16  | 8 3/16  | 12 5/8  | 19 1/8   | 36 7/8   | 43 3/8   | 47 13/16 | 51 7/16  | 54 9/16  |
| 58       | 1 1/2  | 4 3/4   | 8 7/16  | 13 1/8  | 19 13/16 | 38 3/16  | 44 7/8   | 49 9/16  | 53 1/4   | 56 1/2   |
| 60       | 1 9/16 | 4 15/16 | 8 3/4   | 13 9/16 | 20 1/2   | 39 1/2   | 46 7/16  | 51 1/4   | 55 1/16  | 58 7/16  |

### Twelve Point Traverse - Equal Area Method

|          | 1     | 2      | 3       | 4       | 5       | 6       |
|----------|-------|--------|---------|---------|---------|---------|
| Diameter | 0.044 | 0.146  | 0.296   | 0.704   | 0.854   | 0.956   |
| 2        | 1/16  | 5/16   | 9/16    | 1 7/16  | 1 11/16 | 1 15/16 |
| 3        | 1/8   | 7/16   | 7/8     | 2 1/8   | 2 9/16  | 2 7/8   |
| 4        | 3/16  | 9/16   | 1 3/16  | 2 13/16 | 3 7/16  | 3 13/16 |
| 5        | 1/4   | 3/4    | 1 1/2   | 3 1/2   | 4 1/4   | 4 3/4   |
| 6        | 1/4   | 7/8    | 1 3/4   | 4 1/4   | 5 1/8   | 5 3/4   |
| 7        | 5/16  | 1      | 2 1/16  | 4 15/16 | 6       | 6 11/16 |
| 8        | 3/8   | 1 3/16 | 2 3/8   | 5 5/8   | 6 13/16 | 7 5/8   |
| 9        | 3/8   | 1 5/16 | 2 11/16 | 6 5/16  | 7 11/16 | 8 5/8   |
| 10       | 7/16  | 1 7/16 | 2 15/16 | 7 1/16  | 8 9/16  | 9 9/16  |