

## No. 50 $\frac{5}{8}$ " Pitch — Multiple Strand



| Basic Sprocket Dimensions |                  |                |                  | 50-2 Double Strand |                   |                 |                   |          | 50-3 Triple Strand |                   |                 |                   |          |
|---------------------------|------------------|----------------|------------------|--------------------|-------------------|-----------------|-------------------|----------|--------------------|-------------------|-----------------|-------------------|----------|
| No. Teeth                 | Outside Diameter | Pitch Diameter | Plain Bore       | Catalog Number     | Hub Dia.          | LTB             | †Max. Bore        | Wt. Lbs. | Catalog Number     | Hub Dia.          | LTB             | †Max. Bore        | Wt. Lbs. |
| 11                        | 2.500            | 2.219          | $\frac{5}{8}$    | D50B11             | $1 \frac{15}{32}$ | $1 \frac{3}{4}$ | $\frac{15}{16}$   | .90      | T50B11             | $1 \frac{15}{32}$ | $2 \frac{1}{2}$ | $\frac{15}{16}$   | 1.42     |
| 12                        | 2.710            | 2.415          | $\frac{5}{8}$    | D50B12             | $1 \frac{11}{16}$ | $1 \frac{3}{4}$ | $1 \frac{1}{8}$   | 1.20     | T50B12             | $1 \frac{11}{16}$ | $2 \frac{1}{2}$ | $1 \frac{1}{8}$   | 1.84     |
| 13                        | 2.910            | 2.612          | $\frac{5}{8}$    | D50B13             | $1 \frac{7}{8}$   | $1 \frac{3}{4}$ | $1 \frac{5}{16}$  | 1.50     | T50B13             | $1 \frac{7}{8}$   | $2 \frac{1}{2}$ | $1 \frac{5}{16}$  | 2.28     |
| 14                        | 3.110            | 2.803          | $\frac{5}{8}$    | D50B14             | $2 \frac{1}{16}$  | $1 \frac{3}{4}$ | $1 \frac{3}{8}$   | 1.90     | T50B14             | $2 \frac{1}{16}$  | $2 \frac{1}{2}$ | $1 \frac{3}{8}$   | 2.72     |
| 15                        | 3.320            | 3.006          | $\frac{3}{4}$    | D50B15             | $2 \frac{5}{16}$  | $1 \frac{3}{4}$ | $1 \frac{1}{2}$   | 2.30     | T50B15             | $2 \frac{5}{16}$  | $2 \frac{1}{2}$ | $1 \frac{1}{2}$   | 3.24     |
| 16                        | 3.520            | 3.204          | $\frac{3}{4}$    | D50B16             | $2 \frac{1}{2}$   | $1 \frac{3}{4}$ | $1 \frac{3}{4}$   | 2.70     | T50B16             | $2 \frac{1}{2}$   | $2 \frac{1}{2}$ | $1 \frac{3}{4}$   | 3.76     |
| 17                        | 3.720            | 3.401          | $\frac{3}{4}$    | D50B17             | $2 \frac{11}{16}$ | $1 \frac{3}{4}$ | $1 \frac{7}{8}$   | 3.10     | T50B17             | $2 \frac{11}{16}$ | $2 \frac{1}{2}$ | $1 \frac{7}{8}$   | 4.38     |
| 18                        | 3.920            | 3.599          | $\frac{3}{4}$    | D50B18             | $2 \frac{15}{16}$ | $1 \frac{3}{4}$ | $1 \frac{15}{16}$ | 3.60     | T50B18             | $2 \frac{15}{16}$ | $2 \frac{1}{2}$ | $1 \frac{15}{16}$ | 5.10     |
| 19                        | 4.120            | 3.797          | 1                | D50B19             | $3 \frac{1}{8}$   | $1 \frac{3}{4}$ | $2 \frac{1}{8}$   | 4.10     | T50B19             | $3 \frac{1}{8}$   | $2 \frac{1}{2}$ | $2 \frac{1}{8}$   | 5.60     |
| 20                        | 4.320            | 3.995          | 1                | D50B20             | $3 \frac{1}{4}$   | $1 \frac{3}{4}$ | $2 \frac{1}{4}$   | 4.60     | T50B20             | $3 \frac{1}{4}$   | $2 \frac{5}{8}$ | $2 \frac{1}{4}$   | 6.42     |
| 21                        | 4.520            | 4.194          | 1                | D50B21             | $3 \frac{1}{2}$   | $1 \frac{3}{4}$ | $2 \frac{3}{8}$   | 5.10     | T50B21             | $3 \frac{1}{2}$   | $2 \frac{5}{8}$ | $2 \frac{3}{8}$   | 7.42     |
| 22                        | 4.720            | 4.392          | 1                | D50B22             | $3 \frac{9}{16}$  | $1 \frac{7}{8}$ | $2 \frac{3}{8}$   | 5.90     | T50B22             | $3 \frac{9}{16}$  | $2 \frac{5}{8}$ | $2 \frac{3}{8}$   | 7.92     |
| 23                        | 4.920            | 4.590          | 1                | D50B23             | $3 \frac{5}{8}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 6.50     | T50B23             | $3 \frac{5}{8}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 8.80     |
| 24                        | 5.120            | 4.788          | 1                | D50B24             | $3 \frac{3}{4}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 6.90     | T50B24             | $3 \frac{3}{4}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 9.42     |
| 25                        | 5.320            | 4.987          | 1                | D50B25             | $3 \frac{7}{8}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 7.10     | T50B25             | $3 \frac{7}{8}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 10.16    |
| 26                        | 5.520            | 5.185          | 1                | D50B26             | $3 \frac{3}{4}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 7.80     | T50B26             | $3 \frac{3}{4}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 11.02    |
| 30                        | 6.320            | 5.979          | 1                | D50B30             | $3 \frac{3}{4}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 9.80     | T50B30             | $3 \frac{3}{4}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 14.24    |
| 32                        | 6.720            | 6.376          | 1                | D50B32             | $3 \frac{3}{4}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 11.00    |                    |                   |                 |                   |          |
| 35                        | 7.320            | 6.972          | 1                | D50B35             | $3 \frac{3}{4}$   | $1 \frac{7}{8}$ | $2 \frac{1}{2}$   | 12.90    | T50B35             | $3 \frac{3}{4}$   | $2 \frac{5}{8}$ | $2 \frac{1}{2}$   | 18.96    |
| 36                        | 7.520            | 7.171          | $1 \frac{3}{16}$ | D50B36             | 4                 | $2 \frac{1}{8}$ | $2 \frac{3}{4}$   | 16.00    | T50B36             | 4                 | $2 \frac{3}{4}$ | $2 \frac{3}{4}$   | 20.60    |
| 40                        | 8.320            | 7.966          | $1 \frac{3}{16}$ | D50B40             | 4                 | $2 \frac{1}{8}$ | $2 \frac{3}{4}$   | 18.80    |                    |                   |                 |                   |          |
| 42                        | 8.720            | 8.363          | $1 \frac{3}{16}$ | D50B42             | 4                 | $2 \frac{1}{8}$ | $2 \frac{3}{4}$   | 20.40    |                    |                   |                 |                   |          |
| 45                        | 9.310            | 8.960          | $1 \frac{3}{16}$ | D50B45             | 4                 | $2 \frac{1}{8}$ | $2 \frac{3}{4}$   | 22.90    |                    |                   |                 |                   |          |
| 48                        | 9.910            | 9.556          | $1 \frac{3}{16}$ | D50B48             | $4 \frac{1}{4}$   | $2 \frac{3}{8}$ | $2 \frac{3}{4}$   | 25.50    |                    |                   |                 |                   |          |
| 52                        | 10.710           | 10.351         | $1 \frac{3}{16}$ | D50B52             | $4 \frac{1}{4}$   | $2 \frac{3}{8}$ | $2 \frac{3}{4}$   | 29.30    |                    |                   |                 |                   |          |

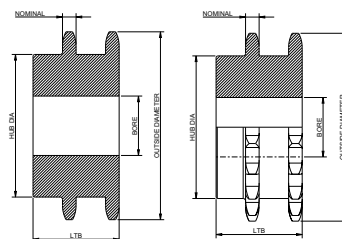
Some sizes are Made-To-Order, consult iwis for availability.

| Pitch           | Inner width     | Roller-<br>Ø |
|-----------------|-----------------|--------------|
| inch            | inch            | inch         |
| $\frac{5}{8}$ " | $\frac{3}{8}$ " | .400"        |

† Dimensions shown allow for standard keyway with set screw at 90°

Sprockets supplied without keyway and setscrews unless specifically requested.

TYPE B – Double Strand



TYPE B – Triple Strand

