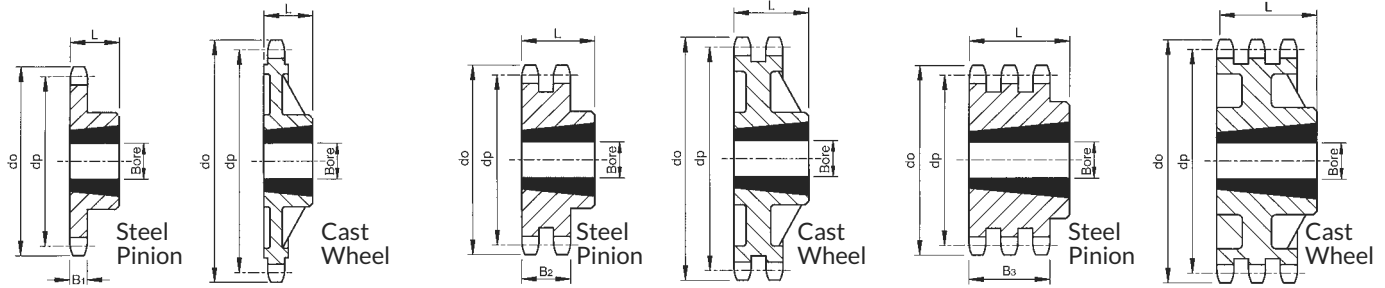


Taper Bore Sprockets for $\frac{5}{8}$ " Pitch British Standard Chains Type 10B

Conforming to ISO Std 606



Simplex Sprockets
10B-1 Chain - Tooth Width B1 - 9.1mm

Duplex Sprockets
10B-2 Chain - Tooth Width B2 - 25.5mm

Triplex Sprockets
10B-3 Chain - Tooth Width B3 - 42.1mm

| | Cat. No. | No. Teeth | Pitch Circle Ø dp | Outside Ø do | Taper Bore Bush | | | Length L | Approx. Weight kg | |
|-------------------------------|-------------------------------|-----------------|-------------------|--------------|-----------------|-----------|-----------|----------|-------------------|------|
| | | | | | Bush No. | Min. Bore | Max. Bore | | | |
| 10B-1 Simplex Chain Sprockets | Steel Sprockets | TB 10B1-13 | 13 | 66.32 | 73.0 | 1008 | 9 | 25 | 22 | 0.23 |
| | | TB 10B1-14 | 14 | 71.34 | 78.0 | 1108 | 9 | 28 | 22 | 0.28 |
| | | TB 10B1-15 | 15 | 76.36 | 83.0 | 1210 | 11 | 32 | 25 | 0.31 |
| | | TB 10B1-16 | 16 | 81.37 | 88.0 | 1610 | 14 | 42 | 25 | 0.33 |
| | | TB 10B1-17 | 17 | 86.39 | 93.0 | 1610 | 14 | 42 | 25 | 0.39 |
| | | TB 10B1-18 | 18 | 91.42 | 98.3 | 1610 | 14 | 42 | 25 | 0.50 |
| | | TB 10B1-19 | 19 | 96.45 | 103.3 | 1610 | 14 | 42 | 25 | 0.55 |
| | | TB 10B1-20 | 20 | 101.49 | 108.4 | 1610 | 14 | 42 | 25 | 0.60 |
| | | TB 10B1-21 | 21 | 106.52 | 113.4 | 1610 | 14 | 42 | 25 | 0.67 |
| | | TB 10B1-22 | 22 | 111.55 | 118.0 | 1610 | 14 | 42 | 25 | 0.72 |
| | | TB 10B1-23 | 23 | 116.58 | 123.4 | 1610 | 14 | 42 | 25 | 0.79 |
| | | TB 10B1-24 | 24 | 121.62 | 128.3 | 2012 | 14 | 50 | 32 | 0.98 |
| | | TB 10B1-25 | 25 | 126.66 | 134.0 | 2012 | 14 | 50 | 32 | 1.06 |
| | | TB 10B1-26 | 26 | 131.70 | 139.0 | 2012 | 14 | 50 | 32 | 1.13 |
| | TB 10B1-27 | 27 | 136.75 | 144.0 | 2012 | 14 | 50 | 32 | 1.20 | |
| | TB 10B1-28 | 28 | 141.78 | 148.7 | 2012 | 14 | 50 | 32 | 1.27 | |
| | TB 10B1-30 | 30 | 151.87 | 158.8 | 2012 | 14 | 50 | 32 | 1.43 | |
| | TB 10B1-38 | 38 | 192.24 | 199.2 | 2012 | 14 | 50 | 32 | 2.45 | |
| | TB 10B1-45 | 45 | 227.58 | 235.0 | 2012 | 14 | 50 | 32 | 3.27 | |
| | TB 10B1-57 | 57 | 288.18 | 296.0 | 2012 | 14 | 50 | 32 | 5.01 | |
| TB 10B1-76 | 76 | 384.16 | 392.1 | 2012 | 14 | 50 | 32 | 8.59 | | |
| TB 10B1-95 | 95 | 480.14 | 488.5 | 2517 | 19 | 65 | 45 | 13.47 | | |
| TB 10B1-114 | 114 | 576.13 | 584.1 | 2517 | 19 | 65 | 45 | 19.09 | | |
| Cast Iron Wheels | TB 10B1-45C | 45 | 227.58 | 235.0 | 2012 | 14 | 50 | 32 | 2.80 | |
| | TB 10B1-57C | 57 | 288.18 | 296.0 | 2012 | 14 | 50 | 32 | 3.50 | |
| | TB 10B1-76C | 76 | 384.16 | 392.1 | 2012 | 14 | 50 | 32 | 5.40 | |
| | TB 10B1-95C | 95 | 480.14 | 488.5 | 2517 | 19 | 65 | 45 | 8.80 | |
| | TB 10B1-114C | 114 | 576.13 | 584.1 | 2517 | 19 | 65 | 45 | 14.00 | |
| | 10B-2 Duplex Chain Sprockets | Steel Sprockets | TB 10B2-13 | 13 | 66.32 | 73.0 | 1108 | 9 | 28 | 25.5 |
| TB 10B2-14 | | | 14 | 71.34 | 78.0 | 1210 | 11 | 32 | 25.5 | 0.28 |
| TB 10B2-15 | | | 15 | 76.36 | 83.0 | 1210 | 11 | 32 | 25.5 | 0.38 |
| TB 10B2-16 | | | 16 | 81.37 | 88.0 | 1610 | 14 | 42 | 25.5 | 0.34 |
| TB 10B2-17 | | | 17 | 86.39 | 93.0 | 1610 | 14 | 42 | 25.5 | 0.46 |
| TB 10B2-18 | | | 18 | 91.42 | 98.3 | 1610 | 14 | 42 | 25.5 | 0.60 |
| TB 10B2-19 | | | 19 | 96.45 | 103.3 | 1610 | 14 | 42 | 25.5 | 0.73 |
| TB 10B2-20 | | | 20 | 101.49 | 108.4 | 1610 | 14 | 42 | 25.5 | 0.88 |
| TB 10B2-21 | | | 21 | 106.52 | 113.4 | 1610 | 14 | 42 | 25.5 | 1.03 |
| TB 10B2-22 | | | 22 | 111.55 | 118.0 | 1610 | 14 | 42 | 25.5 | 1.18 |
| TB 10B2-23 | | | 23 | 116.58 | 123.4 | 1610 | 14 | 42 | 25.5 | 1.35 |
| TB 10B2-24 | | | 24 | 121.62 | 128.3 | 2012 | 14 | 50 | 32 | 1.40 |
| TB 10B2-25 | | | 25 | 126.66 | 134.0 | 2012 | 14 | 50 | 32 | 1.61 |
| TB 10B2-26 | | | 26 | 131.70 | 139.0 | 2012 | 14 | 50 | 32 | 1.80 |
| TB 10B2-27 | | 27 | 136.75 | 144.0 | 2012 | 14 | 50 | 32 | 2.00 | |
| TB 10B2-28 | | 28 | 141.78 | 148.7 | 2012 | 14 | 50 | 32 | 2.20 | |
| TB 10B2-30 | | 30 | 151.87 | 158.8 | 2012 | 14 | 50 | 32 | 2.64 | |
| TB 10B2-38 | | 38 | 192.24 | 199.2 | 2517 | 19 | 65 | 45 | 4.79 | |
| Cast Iron Wheels | | TB 10B2-45C | 45 | 227.58 | 235.0 | 2517 | 19 | 65 | 45 | 4.40 |
| | | TB 10B2-57C | 57 | 288.18 | 296.0 | 2517 | 19 | 65 | 45 | 5.80 |
| | TB 10B2-76C | 76 | 384.16 | 392.1 | 3020 | 25 | 75 | 51 | 7.10 | |
| | TB 10B2-95C | 95 | 480.14 | 488.5 | 3020 | 25 | 75 | 51 | 12.40 | |
| | TB 10B2-114C | 114 | 576.13 | 584.1 | 3020 | 25 | 75 | 51 | 22.30 | |
| | 10B-3 Triplex Chain Sprockets | Steel Sprockets | TB 10B3-15 | 15 | 76.36 | 83.0 | 1210 | 11 | 32 | 42.1 |
| TB 10B3-17 | | | 17 | 86.39 | 93.0 | 1210 | 11 | 32 | 42.1 | 0.98 |
| TB 10B3-19 | | | 19 | 96.45 | 103.3 | 1615 | 14 | 42 | 42.1 | 1.19 |
| TB 10B3-21 | | | 21 | 106.52 | 113.4 | 1615 | 14 | 42 | 42.1 | 1.68 |
| TB 10B3-23 | | | 23 | 116.58 | 123.4 | 2012 | 14 | 50 | 42.1 | 1.78 |
| TB 10B3-25 | | | 25 | 126.66 | 134.0 | 2517 | 19 | 65 | 44.5 | 1.84 |
| TB 10B3-27 | | | 27 | 136.75 | 144.0 | 2517 | 19 | 65 | 44.5 | 2.49 |
| TB 10B3-30 | | | 30 | 151.87 | 158.8 | 2517 | 19 | 65 | 44.5 | 3.57 |

All dimensions in mm. For details of Taper Bore Bushes refer to pages 34/35.

Additional Facilities

Steel Taper Bore Sprockets up to 38 teeth are suitable for Induction Hardening of teeth. Sprockets with teeth hardened to 45 Rc can be supplied on 48-hours lead time.