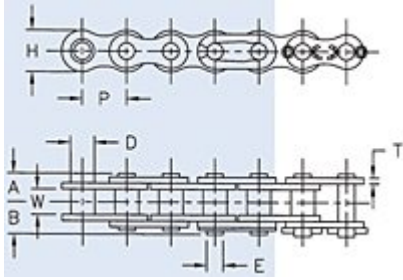


British Standard Chains



British standard chains are also known as metric chains. They are similar to ANSI chains in that the pitch is based on fractions of an inch, but they are different in some key dimensions. Dimensions are given in inches.

| <u>Item #</u> | <u>Pitch (P)</u> | <u>Roller Width (W)</u> | <u>Roller Diameter (D)</u> | <u>Riv. End to Center Line (A)</u> | <u>Conn. End to Center Line (B)</u> | <u>Link Plate Height (H)</u> | <u>Link Plate Thickness (T)</u> | <u>Pin Diameter (E)</u> | <u>Avg. Ultimate Strength</u> |
|---------------|------------------|-------------------------|----------------------------|------------------------------------|-------------------------------------|------------------------------|---------------------------------|-------------------------|-------------------------------|
| <u>04B-1</u> | 0.236 | 0.110 | 0.157 | 0.124 | 0.179 | 0.198 | 0.024 | 0.072 | 730 lb |
| <u>05B-1</u> | 0.315 | 0.118 | 0.197 | 0.152 | 0.189 | 0.280 | 0.030 | 0.091 | 1,150 lb |
| <u>06B-1</u> | 0.375 | 0.225 | 0.250 | 0.253 | 0.291 | 0.325 | 0.050 | 0.129 | 2,250 lb |
| <u>08B-1</u> | 0.500 | 0.305 | 0.335 | 0.321 | 0.361 | 0.465 | 0.058 | 0.175 | 4,080 lb |
| <u>10B-1</u> | 0.625 | 0.380 | 0.400 | 0.385 | 0.440 | 0.580 | 0.067 | 0.200 | 5,850 lb |
| <u>12B-1</u> | 0.750 | 0.460 | 0.475 | 0.440 | 0.483 | 0.635 | 0.073 | 0.225 | 7,060 lb |
| <u>16B-1</u> | 1.000 | 0.670 | 0.625 | 0.702 | 0.819 | 0.830 | 0.157 | 0.326 | 15,880 lb |
| <u>20B-1</u> | 1.250 | 0.770 | 0.750 | 0.786 | 0.955 | 1.040 | 0.175 | 0.401 | 22,050 lb |
| <u>24B-1</u> | 1.500 | 1.000 | 1.000 | 1.059 | 1.256 | 1.315 | 0.219 | 0.576 | 36,830 lb |
| <u>32B-1</u> | 2.000 | 1.220 | 1.150 | 1.327 | 1.556 | 1.662 | 0.275 | 0.703 | 57,330 lb |
| <u>06B-2</u> | 0.375 | 0.225 | 0.250 | 0.453 | 0.488 | 0.325 | 0.050 | 0.129 | 4,190 lb |
| <u>08B-2</u> | 0.500 | 0.305 | 0.335 | 0.606 | 0.642 | 0.465 | 0.058 | 0.175 | 8,160 lb |
| <u>10B-2</u> | 0.625 | 0.380 | 0.400 | 0.717 | 0.776 | 0.580 | 0.067 | 0.200 | 11,680 lb |
| <u>12B-2</u> | 0.750 | 0.460 | 0.475 | 0.833 | 0.873 | 0.635 | 0.073 | 0.225 | 14,120 lb |
| <u>16B-2</u> | 1.000 | 0.670 | 0.625 | 1.326 | 1.418 | 0.830 | 0.157 | 0.326 | 31,980 lb |

| | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| $\frac{20B-}{2}$ | 1.250 | 0.770 | 0.750 | 1.493 | 1.670 | 1.040 | 0.175 | 0.401 | 44,100 lb |
| $\frac{24B-}{2}$ | 1.500 | 1.000 | 1.000 | 1.989 | 2.219 | 1.315 | 0.219 | 0.576 | 64,390 lb |
| $\frac{06B-}{3}$ | 0.375 | 0.225 | 0.250 | 0.655 | 0.690 | 0.325 | 0.050 | 0.129 | 6,620 lb |
| $\frac{08B-}{3}$ | 0.500 | 0.305 | 0.335 | 0.868 | 0.908 | 0.465 | 0.058 | 0.175 | 12,130 lb |
| $\frac{10B-}{3}$ | 0.625 | 0.380 | 0.400 | 1.044 | 1.103 | 0.580 | 0.067 | 0.200 | 17,640 lb |
| $\frac{12B-}{3}$ | 0.750 | 0.460 | 0.475 | 1.215 | 1.254 | 0.635 | 0.073 | 0.225 | 21,170 lb |
| $\frac{16B-}{3}$ | 1.000 | 0.670 | 0.625 | 1.959 | 2.058 | 0.830 | 0.157 | 0.326 | 47,410 lb |
| $\frac{20B-}{3}$ | 1.250 | 0.770 | 0.750 | 2.216 | 2.413 | 1.040 | 0.175 | 0.401 | 66,150 lb |