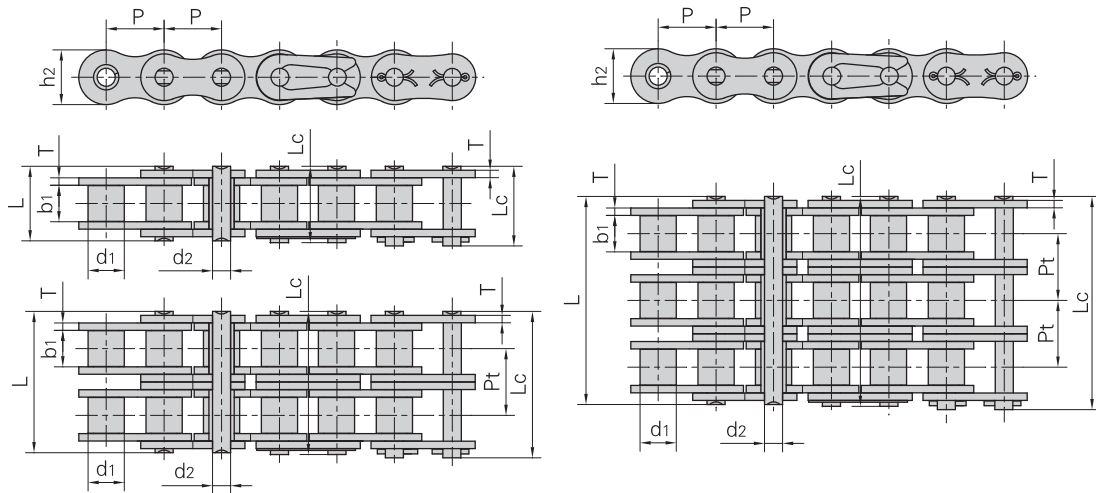


Short pitch precision roller chains (A series)



| DIN/ISO Chain No. | ANSI Chain No. | Roller | | Width between inner plates | | Pin diameter | | Pin length | | Inner plate depth | Plate thickness | Transverse pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|-------------------|----------------|--------|----------|----------------------------|-------|--------------|-------|------------|------|-------------------|-----------------|------------------|---------------------------|--------------------------|------------------|
| | | Pitch | diameter | b1 | d2 | L | Lc | | | | | | | | |
| | | P | d1 max | min | max | max | max | | | | | | | | |
| 16A-1 | 80 | 25.40 | 15.88 | 15.75 | 7.92 | 32.7 | 35.0 | 24.00 | 3.25 | - | 56.70/12886 | 69.4 | 2.60 | | |
| 20A-1 | 100 | 31.75 | 19.05 | 18.90 | 9.53 | 40.4 | 44.7 | 30.00 | 4.00 | - | 88.50/20114 | 109.2 | 3.91 | | |
| 24A-1 | 120 | 38.10 | 22.23 | 25.22 | 11.10 | 50.3 | 54.3 | 35.70 | 4.80 | - | 127.00/28864 | 156.3 | 5.62 | | |
| 28A-1 | 140 | 44.45 | 25.40 | 25.22 | 12.70 | 54.4 | 59.0 | 41.00 | 5.60 | - | 172.40/39182 | 212.0 | 7.50 | | |
| 32A-1 | 160 | 50.80 | 28.58 | 31.55 | 14.27 | 64.8 | 69.6 | 47.80 | 6.40 | - | 226.80/51545 | 278.9 | 10.10 | | |
| 36A-1 | 180 | 57.15 | 35.71 | 35.48 | 17.46 | 72.8 | 78.6 | 53.60 | 7.20 | - | 280.20/63682 | 341.8 | 13.45 | | |
| 40A-1 | 200 | 63.50 | 39.68 | 37.85 | 19.85 | 80.3 | 87.2 | 60.00 | 8.00 | - | 353.80/80409 | 431.6 | 16.15 | | |
| 48A-1 | 240 | 76.20 | 47.63 | 47.35 | 23.81 | 95.5 | 103.0 | 72.39 | 9.50 | - | 510.30/115977 | 622.5 | 23.20 | | |
| 16A-2 | 80-2 | 25.40 | 15.88 | 15.75 | 7.92 | 62.7 | 64.3 | 24.00 | 3.25 | 29.29 | 113.40/25773 | 141.8 | 5.15 | | |
| 20A-2 | 100-2 | 31.75 | 19.05 | 18.90 | 9.53 | 76.4 | 80.5 | 30.00 | 4.00 | 35.76 | 177.00/40227 | 219.4 | 7.80 | | |
| 24A-2 | 120-2 | 38.10 | 22.23 | 25.22 | 11.10 | 95.8 | 99.7 | 35.70 | 4.80 | 45.44 | 254.00/57727 | 314.9 | 11.70 | | |
| 28A-2 | 140-2 | 44.45 | 25.40 | 25.22 | 12.70 | 103.3 | 107.9 | 41.00 | 5.60 | 48.87 | 344.80/78364 | 427.5 | 15.14 | | |
| 32A-2 | 160-2 | 50.80 | 28.58 | 31.55 | 14.27 | 123.3 | 128.1 | 47.80 | 6.40 | 58.55 | 453.60/103091 | 562.4 | 20.14 | | |
| 36A-2 | 180-2 | 57.15 | 35.71 | 35.48 | 17.46 | 138.6 | 144.4 | 53.60 | 7.20 | 65.84 | 560.50/127386 | 695.0 | 29.22 | | |
| 40A-2 | 200-2 | 63.50 | 39.68 | 37.85 | 19.85 | 151.9 | 158.8 | 60.00 | 8.00 | 71.55 | 707.60/160818 | 877.4 | 32.24 | | |
| 48A-2 | 240-2 | 76.20 | 47.63 | 47.35 | 23.81 | 183.4 | 190.8 | 72.39 | 9.50 | 87.83 | 1020.60/213955 | 1255.3 | 45.23 | | |
| 16A-3 | 80-3 | 25.40 | 15.88 | 15.75 | 7.92 | 91.7 | 93.6 | 24.00 | 3.25 | 29.29 | 170.1/38659 | 198.4 | 7.89 | | |
| 20A-3 | 100-3 | 31.75 | 19.05 | 18.90 | 9.53 | 112.2 | 116.3 | 30.00 | 4.00 | 35.76 | 265.5/60341 | 309.6 | 11.77 | | |
| 24A-3 | 120-3 | 38.10 | 22.23 | 25.22 | 11.10 | 141.4 | 145.2 | 35.70 | 4.80 | 45.44 | 381.0/86591 | 437.2 | 17.53 | | |
| 28A-3 | 140-3 | 44.45 | 25.40 | 25.22 | 12.70 | 152.2 | 156.8 | 41.00 | 5.60 | 48.87 | 517.2/117545 | 593.3 | 22.20 | | |
| 32A-3 | 160-3 | 50.80 | 28.58 | 31.55 | 14.27 | 181.8 | 186.6 | 47.80 | 6.40 | 58.55 | 680.4/154636 | 780.6 | 30.02 | | |
| 36A-3 | 180-3 | 57.15 | 35.71 | 35.48 | 17.46 | 204.4 | 210.2 | 53.60 | 7.20 | 65.84 | 840.7/191068 | 983.6 | 38.22 | | |
| 40A-3 | 200-3 | 63.50 | 39.68 | 37.85 | 19.85 | 223.5 | 230.4 | 60.00 | 8.00 | 71.55 | 1061.4/241227 | 1217.8 | 49.03 | | |
| 48A-3 | 240-3 | 76.20 | 47.63 | 47.35 | 23.81 | 271.3 | 278.6 | 72.39 | 9.50 | 87.83 | 1530.9/347932 | 1756.5 | 71.60 | | |