



MACKCHAIN

POWER TRANSMISSION

TECHNICAL CATALOGUE

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INDUSTRIAL PRODUCTS



WE DELIVER HIGH QUALITY CHAIN PRODUCTS...



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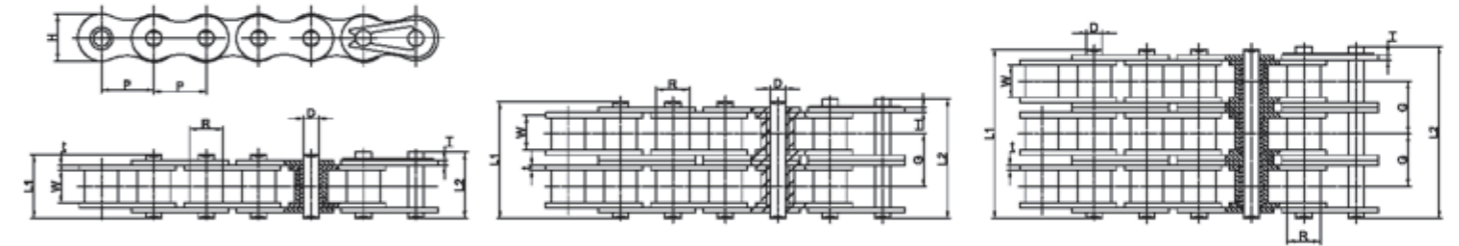
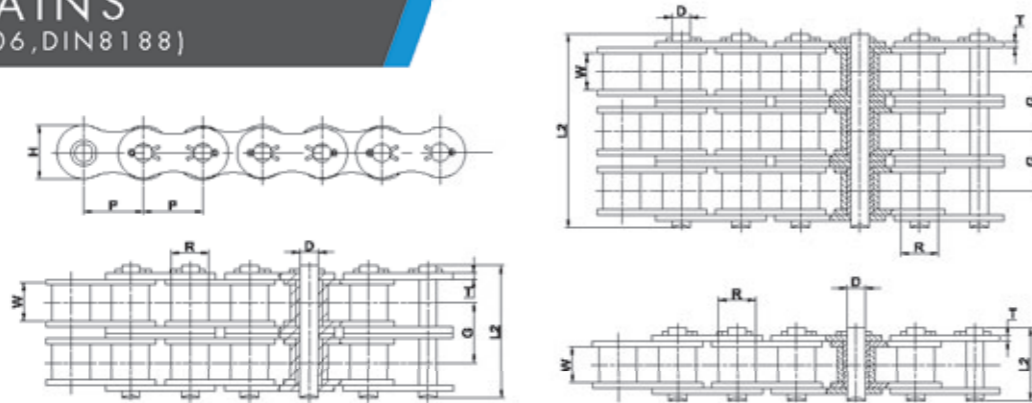
ROLLER CHAINS

ROLLER CHAINS

BRITISH STANDARD ROLLER CHAINS (BS228, ISO R606, DIN8187)

ANSI COTTERED SERIES ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8188)



ANSI Cottered Series Roller Chain (ANSI B29.1, ISO R606, DIN8188)

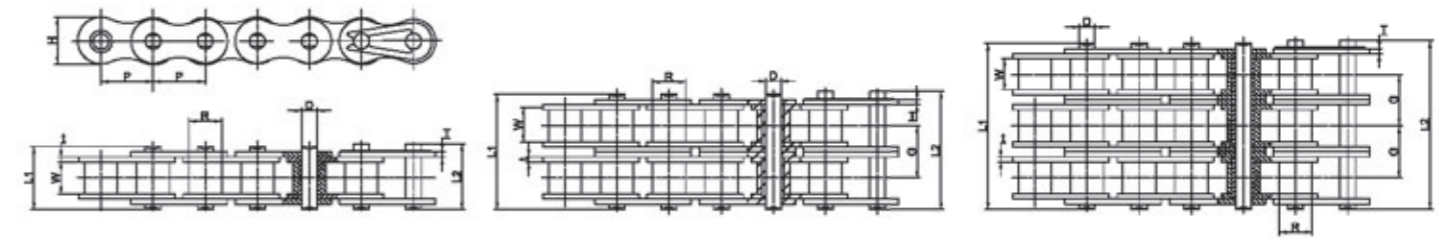
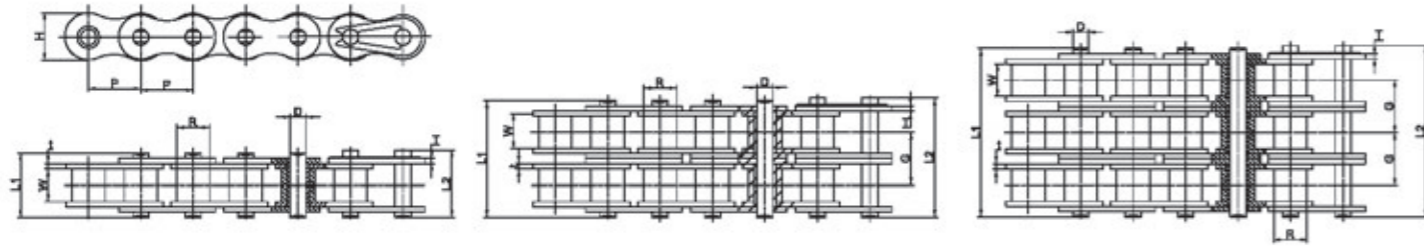
| ANSI CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m |
|----------------------|------------|---------------------|---------------------|-------|--------|----------------------|-------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|
| | | | | Dia. | Length | | | | | | |
| | | | | D | L | | | | | | |
| SIMPLEX | | | | | | | | | | | |
| 50-1 | 15.875 | 10.16 | 9.40 | 5.08 | 23.00 | 15.09 | 2.03 | | 22.20 | 29.40 | 1.02 |
| 60-1 | 19.050 | 11.91 | 12.57 | 5.94 | 28.30 | 18.00 | 2.42 | | 31.80 | 41.50 | 1.50 |
| 80-1 | 25.400 | 15.88 | 15.75 | 7.92 | 36.50 | 24.00 | 3.25 | | 56.70 | 69.40 | 2.60 |
| 100-1 | 31.750 | 19.05 | 18.90 | 9.53 | 44.70 | 30.00 | 4.00 | | 88.50 | 109.20 | 3.91 |
| 120-1 | 38.100 | 22.23 | 25.22 | 11.10 | 54.30 | 35.70 | 4.80 | | 127.00 | 156.30 | 5.62 |
| 140-1 | 44.450 | 25.40 | 25.22 | 12.70 | 59.00 | 41.00 | 5.60 | | 172.40 | 212.00 | 7.50 |
| 160-1 | 50.800 | 28.58 | 31.55 | 14.27 | 69.60 | 47.80 | 6.40 | | 226.80 | 278.90 | 10.10 |
| 180-1 | 57.150 | 35.71 | 35.48 | 17.46 | 78.60 | 53.60 | 7.20 | | 280.20 | 341.80 | 13.45 |
| 200-1 | 63.500 | 39.68 | 37.85 | 19.85 | 87.20 | 60.00 | 8.00 | | 353.80 | 431.60 | 16.15 |
| 240-1 | 76.200 | 47.63 | 47.35 | 23.81 | 103.00 | 72.39 | 9.50 | | 510.30 | 622.50 | 23.20 |
| DUPLEX | | | | | | | | | | | |
| 50-2 | 15.875 | 10.16 | 9.40 | 5.08 | 41.20 | 15.09 | 2.03 | 18.11 | 44.40 | 58.10 | 2.00 |
| 60-2 | 19.050 | 11.91 | 12.57 | 5.94 | 51.10 | 18.00 | 2.42 | 22.78 | 63.60 | 82.10 | 2.92 |
| 80-2 | 25.400 | 15.88 | 15.75 | 7.92 | 65.80 | 24.00 | 3.25 | 29.29 | 113.40 | 141.80 | 5.15 |
| 100-2 | 31.750 | 19.05 | 18.90 | 9.53 | 80.50 | 30.00 | 4.00 | 35.76 | 177.00 | 219.40 | 7.80 |
| 120-2 | 38.100 | 22.23 | 25.22 | 11.10 | 99.70 | 35.70 | 4.80 | 45.44 | 254.00 | 314.90 | 11.70 |
| 140-2 | 44.450 | 25.40 | 25.22 | 12.70 | 107.90 | 41.00 | 5.60 | 48.87 | 344.80 | 427.50 | 15.14 |
| 160-2 | 50.800 | 28.58 | 31.55 | 14.27 | 128.10 | 47.80 | 6.40 | 58.55 | 453.60 | 562.40 | 20.14 |
| 180-2 | 57.150 | 35.71 | 35.48 | 17.46 | 144.40 | 53.60 | 7.20 | 65.84 | 560.50 | 695.00 | 29.22 |
| 200-2 | 63.500 | 39.68 | 37.85 | 19.85 | 158.80 | 60.00 | 8.00 | 71.55 | 707.60 | 877.40 | 32.24 |
| 240-2 | 76.200 | 47.63 | 47.35 | 23.81 | 190.80 | 72.39 | 9.50 | 87.83 | 1020.60 | 1255.30 | 45.23 |
| TRIPLEX | | | | | | | | | | | |
| 50-3 | 15.875 | 10.16 | 9.40 | 5.08 | 59.30 | 15.09 | 2.03 | 18.11 | 66.6 | 77.8 | 36.09 |
| 60-3 | 19.050 | 11.91 | 12.57 | 5.94 | 73.90 | 18.00 | 2.42 | 22.78 | 95.4 | 111.1 | 4.54 |
| 80-3 | 25.400 | 15.88 | 15.75 | 7.92 | 93.60 | 24.00 | 3.25 | 29.29 | 170.1 | 198.4 | 7.89 |
| 100-3 | 31.750 | 19.05 | 18.90 | 9.53 | 116.30 | 30.00 | 4.00 | 35.76 | 265.5 | 309.6 | 11.77 |
| 120-3 | 38.100 | 22.23 | 25.22 | 11.10 | 145.20 | 35.70 | 4.80 | 45.44 | 381 | 437.2 | 17.53 |
| 140-3 | 44.450 | 25.40 | 25.22 | 12.70 | 156.80 | 41.00 | 5.60 | 48.87 | 517.2 | 593.3 | 22.2 |
| 160-3 | 50.800 | 28.58 | 31.55 | 14.27 | 186.60 | 47.80 | 6.40 | 58.55 | 680.4 | 780.6 | 30.02 |
| 180-3 | 57.150 | 35.71 | 35.48 | 17.46 | 210.20 | 53.60 | 7.20 | 65.84 | 840.7 | 983.6 | 38.22 |
| 200-3 | 63.500 | 39.68 | 37.85 | 19.85 | 230.40 | 60.00 | 8.00 | 71.55 | 1061.40 | 1217.80 | 49.03 |
| 240-3 | 76.200 | 47.63 | 47.35 | 23.81 | 278.60 | 72.39 | 9.50 | 87.83 | 1530.90 | 1756.50 | 71.60 |

British Standard Roller Chain (BS228, ISO R606, DIN8187)

| ISO CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T/t | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|---------------------|------------|---------------------|---------------------|-------|--------|----------------------|---------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|-------|
| | | | | Dia. | Length | | | | | | | |
| | | | | D | L1 L2 | | | | | | | |
| SIMPLEX | | | | | | | | | | | | |
| 04B-1 | 6.000 | 4.00 | 2.80 | 1.85 | 6.80 | 7.80 | 5.00 | 0.60 | | 3.00 | 3.20 | 0.11 |
| 05B-1 | 8.000 | 5.00 | 3.00 | 2.31 | 8.20 | 8.90 | 7.10 | 0.80 | | 5.00 | 5.90 | 0.20 |
| 06B-1 | 9.525 | 6.35 | 5.72 | 3.28 | 13.15 | 14.10 | 8.20 | 1.30 | | 9.00 | 10.40 | 0.41 |
| 08B-1 | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.60 | | 18.00 | 19.40 | 0.69 |
| 10B-1 | 5.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.70 | | 22.40 | 27.50 | 0.93 |
| 12B-1 | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.20 | 16.00 | 1.85 | | 29.00 | 32.20 | 1.15 |
| 16B-1 | 25.400 | 15.88 | 17.02 | 8.28 | 36.10 | 37.40 | 21.00 | 4.15/3.1 | | 60.00 | 72.80 | 2.71 |
| 20B-1 | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 26.40 | 4.5/3.5 | | 95.00 | 106.70 | 3.70 |
| 24B-1 | 38.100 | 25.40 | 25.40 | 14.63 | 53.40 | 57.80 | 33.20 | 6.0/4.8 | | 60.00 | 178.00 | 7.10 |
| 28B-1 | 44.450 | 27.94 | 30.99 | 15.90 | 65.10 | 69.50 | 36.70 | 7.5/6.0 | | 200.00 | 222.00 | 8.50 |
| 32B-1 | 50.800 | 29.21 | 30.99 | 17.81 | 66.00 | 71.00 | 42.00 | 7.0//6.0 | | 250.00 | 277.50 | 10.25 |
| 40B-1 | 63.500 | 39.37 | 38.10 | 22.89 | 82.20 | 89.20 | 52.96 | 8.5/8.0 | | 355.00 | 394.00 | 16.35 |
| 48B-1 | 76.200 | 48.26 | 45.72 | 29.24 | 99.10 | 107.00 | 63.80 | 12.0/10.0 | | 560.00 | 621.60 | 25.00 |
| 56B-1 | 88.900 | 53.98 | 53.34 | 53.98 | 114.60 | 123.00 | 77.85 | 13.5/12.0 | | 850.00 | 940.00 | 35.00 |
| 64B-1 | 101.600 | 63.50 | 60.96 | 63.50 | 130.90 | 138.50 | 91.17 | 15.0/13.0 | | 1120.00 | 1240.00 | 60.00 |
| 72B-1 | 114.300 | 72.39 | 68.58 | 72.39 | 147.40 | 156.40 | 103.63 | 17.0/15.0 | | 1400.00 | 1550.00 | 80.00 |
| DUPLEX | | | | | | | | | | | | |
| 05B-2 | 8.000 | 5.00 | 3.00 | 2.31 | 13.90 | 14.50 | 7.10 | 0.80 | 5.64 | 7.80 | 10.20 | 0.33 |
| 06B-2 | 9.525 | 6.35 | 5.72 | 3.28 | 23.40 | 24.40 | 8.20 | 1.30 | 10.24 | 16.90 | 18.70 | 0.77 |
| 08B-2 | 12.700 | 8.51 | 7.75 | 4.45 | 31.20 | 32.20 | 11.80 | 1.60 | 13.92 | 32.00 | 38.70 | 1.34 |
| 10B-2 | 15.875 | 10.16 | 9.65 | 5.08 | 36.10 | 37.50 | 14.70 | 1.70 | 16.59 | 44.50 | 56.20 | 1.84 |
| 12B-2 | 19.050 | 12.07 | 11.68 | 5.72 | 42.00 | 43.60 | 16.00 | 1.85 | 19.46 | 57.80 | 66.10 | 2.31 |
| 16B-2 | 25.400 | 15.88 | 17.02 | 8.28 | 68.00 | 69.30 | 21.00 | 4.15/3.1 | 31.88 | 106.00 | 133.00 | 5.42 |
| 20B-2 | 31.750 | 19.05 | 19.56 | 10.19 | 77.80 | 81.50 | 26.40 | 4.5/3.5 | 36.45 | 170.00 | 211.20 | 7.20 |
| 24B-2 | 38.100 | 25.40 | 25.40 | 14.63 | 101.70 | 106.20 | 33.20 | 6.0/4.8 | 48.36 | 280.00 | 319.20 | 13.40 |

ANSI STANDARD ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8188)



British Standard Roller Chain (BS228, ISO R606, DIN8187)

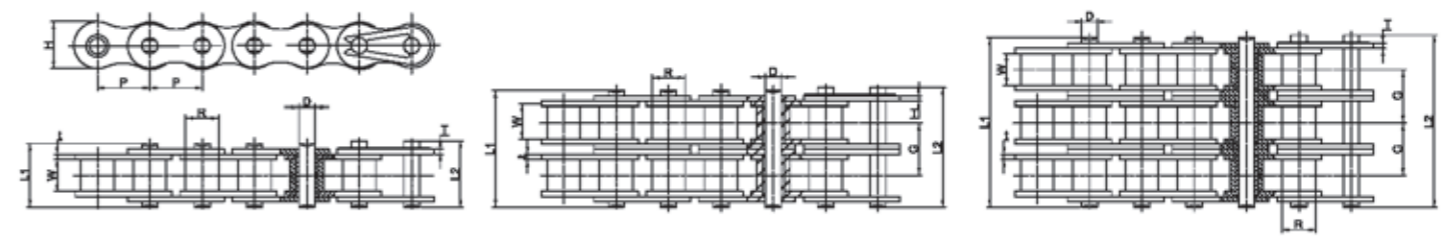
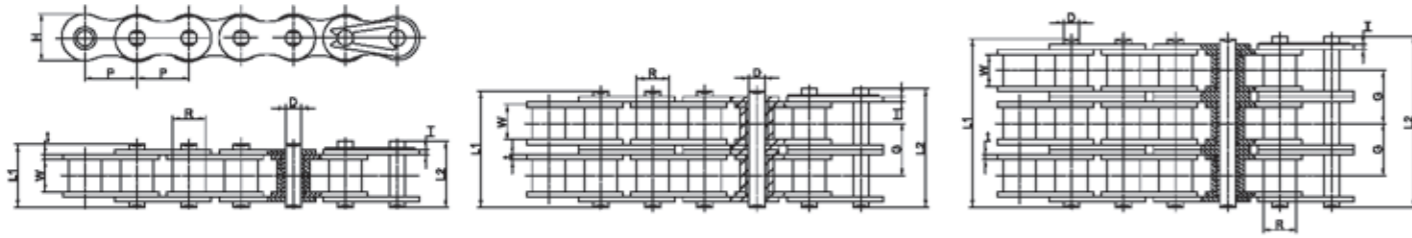
| ISO CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T/t | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|---------------------|------------|---------------------|---------------------|-----------|--------|----------------------|---------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|--------|
| | | | | Dia. D | Length | | | | | | | |
| | | | | L1 | L2 | | | | | | | |
| 32B-2 | 50.800 | 29.21 | 30.99 | 17.81 | 124.60 | 129.60 | 42.00 | 7.0//6.0 | 58.55 | 450.00 | 508.50 | 21.00 |
| 40B-2 | 63.500 | 39.37 | 38.10 | 22.89 | 154.50 | 161.50 | 52.96 | 8.5/8.0 | 72.29 | 630.00 | 711.90 | 32.00 |
| 48B-2 | 76.200 | 48.26 | 45.72 | 29.24 | 190.40 | 198.20 | 63.80 | 12.0/10.0 | 91.21 | 1000.00 | 1130.00 | 50.00 |
| 56B-2 | 88.900 | 53.98 | 53.34 | 53.98 | 221.20 | 229.60 | 77.85 | 13.5/12.0 | 106.6 | 1600.00 | 1760.00 | 71.48 |
| 64B-2 | 101.600 | 63.50 | 60.96 | 63.50 | 249.90 | 258.40 | 91.17 | 15.0/13.0 | 119.89 | 2000.00 | 2200.00 | 91.00 |
| 72B-2 | 114.300 | 72.39 | 68.58 | 72.39 | 283.70 | 292.70 | 103.63 | 17.0/15.0 | 136.27 | 2500.00 | 2750.00 | 120.40 |
| TRIPLEX | | | | | | | | | | | | |
| 05B-3 | 8.000 | 5.00 | 3.00 | 2.31 | 19.50 | 20.00 | 7.10 | 0.80 | 5.64 | 11.10 | 13.80 | 0.48 |
| 06B-3 | 9.525 | 6.35 | 5.72 | 3.28 | 33.50 | 34.60 | 8.20 | 1.30 | 10.24 | 24.90 | 30.10 | 1.16 |
| 08B-3 | 12.700 | 8.51 | 7.75 | 4.45 | 45.10 | 46.10 | 11.80 | 1.60 | 13.92 | 47.50 | 57.80 | 2.03 |
| 10B-3 | 15.875 | 10.16 | 9.65 | 5.08 | 52.70 | 54.10 | 14.70 | 1.70 | 16.59 | 66.70 | 84.50 | 2.77 |
| 12B-3 | 19.050 | 12.07 | 11.68 | 5.72 | 61.50 | 63.10 | 16.00 | 1.85 | 19.46 | 86.70 | 101.80 | 3.46 |
| 16B-3 | 25.400 | 15.88 | 17.02 | 8.28 | 99.80 | 101.20 | 21.00 | 4.15/3.1 | 31.88 | 160.00 | 203.70 | 8.13 |
| 20B-3 | 31.750 | 19.05 | 19.56 | 10.19 | 114.20 | 117.90 | 26.40 | 4.5/3.5 | 36.45 | 250.00 | 290.00 | 10.82 |
| 24B-3 | 38.100 | 25.40 | 25.40 | 14.63 | 150.10 | 154.60 | 33.20 | 6.0/4.8 | 48.36 | 425.00 | 493.00 | 20.10 |
| 28B-3 | 44.450 | 27.94 | 30.99 | 15.90 | 184.20 | 188.70 | 36.70 | 7.5/6.0 | 59.56 | 530.00 | 609.50 | 24.92 |
| 32B-3 | 50.800 | 29.21 | 30.99 | 17.81 | 183.20 | 188.20 | 42.00 | 7.0//6.0 | 58.55 | 670.00 | 770.50 | 31.56 |
| 40B-3 | 63.500 | 39.37 | 38.10 | 22.89 | 226.80 | 233.80 | 52.96 | 8.5/8.0 | 72.29 | 950.00 | 1092.50 | 48.10 |
| 48B-3 | 76.200 | 48.26 | 45.72 | 29.24 | 281.60 | 289.40 | 63.80 | 12.0/10.0 | 91.21 | 1500.00 | 1710.00 | 75.00 |
| 56B-3 | 88.900 | 53.98 | 53.34 | 53.98 | 327.80 | 336.20 | 77.80 | 13.5/12.0 | 106.6 | 2240.00 | 2240.00 | 107.18 |
| 64B-3 | 101.600 | 63.50 | 60.96 | 63.50 | 369.80 | 378.30 | 90.17 | 15.0/13.0 | 119.89 | 3000.00 | 3300.00 | 136.00 |
| 72B-3 | 114.300 | 72.39 | 68.58 | 72.39 | 420.00 | 429.00 | 103.60 | 17.0/15.0 | 136.27 | 3750.00 | 4125.00 | 180.00 |

ANSI Standard Roller Chain (ANSI B29.1, ISO R606, DIN8188)

| ISO CHAIN No. | ANSI CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|---------------------|----------------------|------------|---------------------|---------------------|-----------|--------|----------------------|-------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|-------|
| | | | | | Dia. D | Length | | | | | | | |
| | | | | | L1 | L2 | | | | | | | |
| SIMPLEX | | | | | | | | | | | | | |
| 03C | 15 | 4.763 | 2.48 | 2.38 | 1.62 | 6.10 | 6.90 | 4.30 | 0.60 | | 1.80 | 2.00 | 0.08 |
| 04C-1 | 25-1 | 6.350 | 3.30 | 3.18 | 2.31 | 7.90 | 8.40 | 6.00 | 0.80 | | 3.50 | 4.60 | 0.15 |
| 06C-1 | 35-1 | 9.525 | 5.08 | 4.77 | 3.58 | 12.40 | 13.17 | 9.00 | 1.30 | | 7.90 | 10.80 | 0.33 |
| 08S-1 | 41-1 | 12.700 | 7.77 | 6.25 | 3.58 | 13.75 | 15.00 | 9.91 | 1.30 | | 6.70 | 12.60 | 0.41 |
| 08A-1 | 40-1 | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | | 14.10 | 17.50 | 0.62 |
| 10A-1 | 50-1 | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | | 22.20 | 29.40 | 1.02 |
| 12A-1 | 60-1 | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | | 31.80 | 41.50 | 1.50 |
| 16A-1 | 80-1 | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 35.00 | 24.00 | 3.25 | | 56.70 | 69.40 | 2.60 |
| 20A-1 | 100-1 | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4 | | 88.50 | 109.20 | 3.91 |
| 24A-1 | 120-1 | 38.100 | 22.23 | 25.22 | 11.10 | 50.30 | 54.30 | 35.70 | 4.8 | | 127.00 | 156.30 | 5.62 |
| 28A-1 | 140-1 | 44.450 | 25.40 | 25.22 | 12.70 | 54.40 | 59.00 | 41.00 | 5.6 | | 172.40 | 212.00 | 7.50 |
| 32A-1 | 160-1 | 50.800 | 28.58 | 31.55 | 14.27 | 64.80 | 69.60 | 47.80 | 6.4 | | 226.80 | 278.90 | 10.10 |
| 36A-1 | 180-1 | 57.150 | 35.71 | 35.48 | 17.46 | 72.80 | 78.60 | 53.60 | 7.2 | | 280.20 | 341.80 | 13.45 |
| 40A-1 | 200-1 | 63.500 | 39.68 | 37.85 | 19.85 | 80.30 | 87.20 | 60.00 | 8 | | 353.80 | 431.60 | 16.15 |
| 48A-1 | 240-1 | 76.200 | 47.63 | 47.35 | 23.81 | 95.50 | 103.00 | 72.39 | 9.5 | | 510.30 | 622.50 | 23.20 |
| DUPLEX | | | | | | | | | | | | | |
| 04C-2 | 25-2 | 6.350 | 3.30 | 3.18 | 2.31 | 14.50 | 15.00 | 6.00 | 0.80 | 6.40 | 7.00 | 8.60 | 0.28 |
| 06C-2 | 35-2 | 9.525 | 5.08 | 4.77 | 3.58 | 22.50 | 23.30 | 9.00 | 1.30 | 10.13 | 15.80 | 19.70 | 0.63 |
| 08S-2 | 41-2 | 12.700 | 7.77 | 6.25 | 3.58 | 25.70 | 26.90 | 9.91 | 1.30 | 11.95 | 13.30 | 16.90 | 0.81 |
| 08A-2 | 40-2 | 12.700 | 7.95 | 7.85 | 3.96 | 31.00 | 32.20 | 12.00 | 1.50 | 14.38 | 28.20 | 35.90 | 1.12 |
| 10A-2 | 50-2 | 15.875 | 10.16 | 9.40 | 5.08 | 38.90 | 40.40 | 15.09 | 2.03 | 18.11 | 44.40 | 58.10 | 2.00 |
| 12A-2 | 60-2 | 19.050 | 11.91 | 12.57 | 5.94 | 48.80 | 50.50 | 18.00 | 2.42 | 22.78 | 63.60 | 82.10 | 2.92 |
| 16A-2 | 80-2 | 25.400 | 15.88 | 15.75 | 7.92 | 62.70 | 64.30 | 24.00 | 3.25 | 29.29 | 113.40 | 141.80 | 5.15 |
| 20A-2 | 100-2 | 31.750 | 19.05 | 18.90 | 9.53 | 76.40 | 80.50 | 30.00 | 4 | 35.76 | 177.00 | 219.40 | 7.80 |
| 24A-2 | 120-2 | 38.100 | 22.23 | 25.22 | 11.10 | 95.80 | 99.70 | 35.70 | 4.8 | 45.44 | 254.00 | 314.90 | 11.70 |
| 28A-2 | 140-2 | 44.450 | 25.40 | 25.22 | 12.70 | 103.30 | 107.90 | 41.00 | 5.6 | 48.87 | 344.80 | 427.50 | 15.14 |
| 32A-2 | 160-2 | 50.800 | 28.58 | 31.55 | 14.27 | 123.30 | 128.10 | 47.80 | 6.4 | 58.55 | 453.60 | 562.40 | 20.14 |
| 36A-2 | 180-2 | 57.150 | 35.71 | 35.48 | 17.46 | 138.60 | 144.40 | 53.60 | 7.2 | 65.84 | 560.50 | 695.00 | 29.22 |
| 40A-2 | 200-2 | 63.500 | 39.68 | 37.85 | 19.85 | 151.90 | 158.80 | 60.00 | 8 | 71.55 | 707.60 | 877.40 | 32.24 |
| 48A-2 | 240-2 | 76.200 | 47.63 | 47.35 | 23.81 | 183.40 | 190.80 | 72.39 | 9.5 | 87.83 | 1020.60 | 1255.30 | 45.23 |

ANSI HEAVY DUTY ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8188)



ANSI Standard Roller Chain (ANSI B29.1, ISO R606, DIN8188)

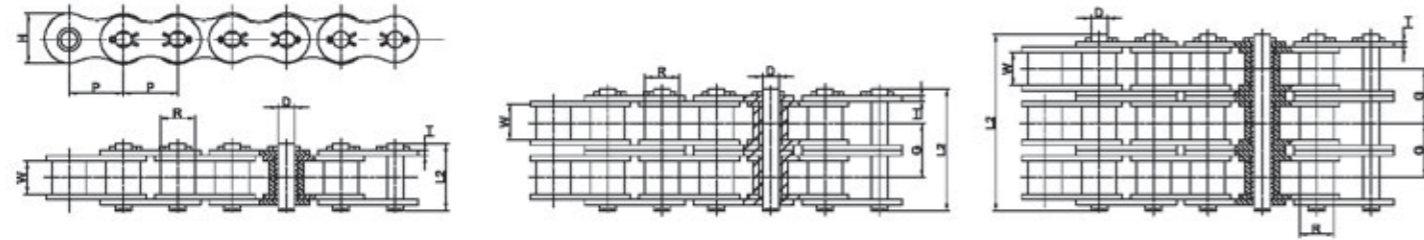
| ISO CHAIN No. | ANSI CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|---------------------|----------------------|------------|---------------------|---------------------|-----------|--------|----------------------|-------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|-------|
| | | | | | Dia. D | Length | | | | | | | |
| | | | | | | L1 | | | | | | | L2 |
| TRIPLEX | | | | | | | | | | | | | |
| 04C-3 | 25-3 | 6.350 | 3.30 | 3.18 | 2.31 | 21 | 21.5 | 6.00 | 0.80 | 6.40 | 10.5 | 12.6 | 0.44 |
| 06C-3 | 35-3 | 9.525 | 5.08 | 4.77 | 3.58 | 32.7 | 33.5 | 9.00 | 1.30 | 10.13 | 23.7 | 28.6 | 1.05 |
| 08A-3 | 40-3 | 12.700 | 7.95 | 7.85 | 3.96 | 45.4 | 46.6 | 12.00 | 1.50 | 14.38 | 42.3 | 50 | 1.9 |
| 10A-3 | 50-3 | 15.875 | 10.16 | 9.40 | 5.08 | 57 | 58.5 | 15.09 | 2.03 | 18.11 | 66.6 | 77.8 | 36.09 |
| 12A-3 | 60-3 | 19.050 | 11.91 | 12.57 | 5.94 | 71.5 | 73.3 | 18.00 | 2.42 | 22.78 | 95.4 | 111.1 | 4.54 |
| 16A-3 | 80-3 | 25.400 | 15.88 | 15.75 | 7.92 | 91.7 | 93.6 | 24.00 | 3.25 | 29.29 | 170.1 | 198.4 | 7.89 |
| 20A-3 | 100-3 | 31.750 | 19.05 | 18.90 | 9.53 | 112.2 | 116.3 | 30.00 | 4 | 35.76 | 265.5 | 309.6 | 11.77 |
| 24A-3 | 120-3 | 38.100 | 22.23 | 25.22 | 11.10 | 141.4 | 145.2 | 35.70 | 4.8 | 45.44 | 381 | 437.2 | 17.53 |
| 28A-3 | 140-3 | 44.450 | 25.40 | 25.22 | 12.70 | 152.2 | 156.8 | 41.00 | 5.6 | 48.87 | 517.2 | 593.3 | 22.2 |
| 32A-3 | 160-3 | 50.800 | 28.58 | 31.55 | 14.27 | 181.8 | 186.6 | 47.80 | 6.4 | 58.55 | 680.4 | 780.6 | 30.02 |
| 36A-3 | 180-3 | 57.150 | 35.71 | 35.48 | 17.46 | 204.4 | 210.2 | 53.60 | 7.2 | 65.84 | 840.7 | 983.6 | 38.22 |
| 40A-3 | 200-3 | 63.500 | 39.68 | 37.85 | 19.85 | 223.50 | 230.40 | 60.00 | 8 | 71.55 | 1061.40 | 1217.80 | 49.03 |
| 48A-3 | 240-3 | 76.200 | 47.63 | 47.35 | 23.81 | 271.30 | 278.60 | 72.39 | 9.5 | 87.83 | 1530.90 | 1756.50 | 71.60 |

ANSI Heavy Duty Roller Chain (ANSI B29.1, ISO R606, DIN8188)

| ANSI CHAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|----------------------|------------|---------------------|---------------------|-----------|--------|----------------------|-------------------------|--------------------------|--------------------------------------|--------------------------------------|---------------------------|-------|
| | | | | Dia. D | Length | | | | | | | |
| | | | | | L1 | | | | | | | L2 |
| SIMPLEX | | | | | | | | | | | | |
| 35H | 9.525 | 5.08 | 4.77 | 3.58 | 13.30 | 14.30 | 9.00 | 1.50 | | 7.90 | 10.80 | 0.41 |
| 40H-1 | 12.700 | 7.95 | 7.85 | 3.96 | 18.80 | 19.90 | 12.00 | 2.03 | | 14.10 | 19.10 | 0.82 |
| 50H-1 | 15.875 | 10.16 | 9.40 | 5.08 | 22.10 | 23.40 | 15.09 | 2.42 | | 22.20 | 30.20 | 1.25 |
| 60H-1 | 19.050 | 11.91 | 12.57 | 5.94 | 29.20 | 31.00 | 18.00 | 3.25 | | 31.80 | 42.70 | 1.87 |
| 80H-1 | 25.400 | 15.88 | 15.75 | 7.92 | 36.20 | 37.70 | 24.00 | 4.00 | | 56.70 | 71.40 | 3.10 |
| 100H-1 | 31.750 | 19.05 | 18.90 | 9.53 | 43.60 | 46.90 | 30.00 | 4.80 | | 88.50 | 112.40 | 4.52 |
| 120H-1 | 38.100 | 22.23 | 25.22 | 11.10 | 53.50 | 57.50 | 35.70 | 5.60 | | 127.00 | 160.90 | 6.60 |
| 140H-1 | 44.450 | 25.40 | 25.22 | 12.70 | 57.60 | 62.20 | 41.00 | 6.4 | | 172.40 | 217.30 | 8.30 |
| 160H-1 | 50.800 | 28.58 | 31.55 | 14.27 | 68.20 | 73.00 | 47.80 | 7.2 | | 226.80 | 285.80 | 10.30 |
| 200H-1 | 63.500 | 39.68 | 37.85 | 19.85 | 86.60 | 93.50 | 60.00 | 9.5 | | 353.80 | 444.50 | 19.16 |
| DUPLIX | | | | | | | | | | | | |
| 60H-2 | 19.050 | 11.91 | 12.57 | 5.94 | 55.30 | 57.10 | 18.00 | 3.25 | 26.11 | 63.60 | 84.50 | 3.71 |
| 80H-2 | 25.400 | 15.88 | 15.75 | 7.92 | 68.80 | 70.30 | 24.00 | 4.00 | 32.59 | 113.40 | 145.30 | 6.15 |
| 100H-2 | 31.750 | 19.05 | 18.90 | 9.53 | 82.70 | 86.00 | 30.00 | 4.80 | 39.09 | 177.00 | 225.90 | 9.03 |
| 120H-2 | 38.100 | 22.23 | 25.22 | 11.10 | 102.40 | 106.40 | 35.70 | 5.60 | 48.87 | 254.00 | 322.70 | 13.13 |
| 140H-2 | 44.450 | 25.40 | 25.22 | 12.70 | 109.80 | 114.40 | 41.00 | 6.4 | 52.20 | 344.80 | 437.70 | 16.60 |
| 160H-2 | 50.800 | 28.58 | 31.55 | 14.27 | 130.10 | 134.90 | 47.80 | 7.2 | 61.9 | 453.60 | 571.60 | 20.20 |
| 200H-2 | 63.500 | 39.68 | 37.85 | 19.85 | 164.90 | 171.80 | 60.00 | 9.5 | 78.31 | 707.60 | 894.90 | 38.11 |
| TRIPLEX | | | | | | | | | | | | |
| 60H-3 | 19.050 | 11.91 | 12.57 | 5.94 | 81.40 | 83.2 | 18.00 | 3.25 | 26.11 | 95.40 | 113.9 | 5.54 |
| 80H-3 | 25.400 | 15.88 | 15.75 | 7.92 | 101.40 | 102.9 | 24.00 | 4.00 | 32.59 | 170.10 | 203.5 | 9.42 |
| 100H-3 | 31.750 | 19.05 | 18.90 | 9.53 | 121.80 | 125.1 | 30.00 | 4.80 | 39.09 | 265.50 | 314.8 | 12.96 |
| 120H-3 | 38.100 | 22.23 | 25.22 | 11.10 | 151.20 | 155.2 | 35.70 | 5.60 | 48.87 | 381.00 | 444.7 | 19.64 |
| 140H-3 | 44.450 | 25.40 | 25.22 | 12.70 | 162.00 | 166.6 | 41.00 | 6.4 | 52.20 | 517.20 | 598.4 | 24.9 |
| 160H-3 | 50.800 | 28.58 | 31.55 | 14.27 | 192.00 | 196.8 | 47.80 | 7.2 | 61.9 | 680.40 | 787.3 | 30.1 |
| 200H-3 | 63.500 | 39.68 | 37.85 | 19.85 | 243.20 | 250.1 | 60.00 | 9.5 | 78.31 | 1061.40 | 1228.2 | 57.06 |

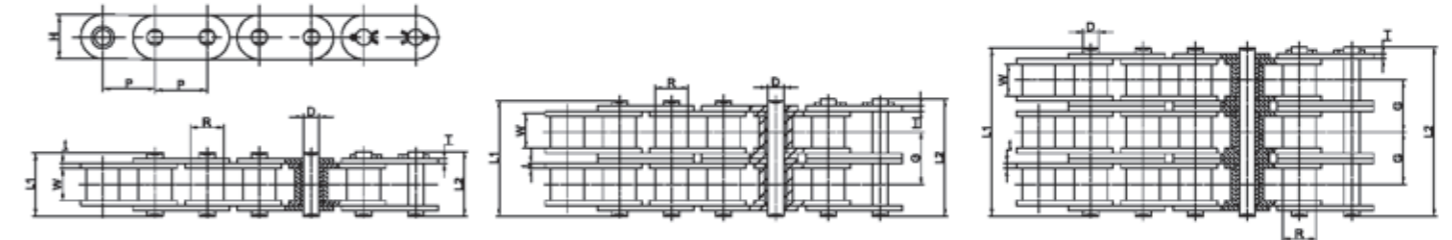
ANSI COTTERED HEAVY DUTY ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8188)



ANSI STRAIGHT SIDE PLATE ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8188)



ANSI Cottered Heavy Duty Roller Chain (ANSI B29.1, ISO R606, DIN8188)

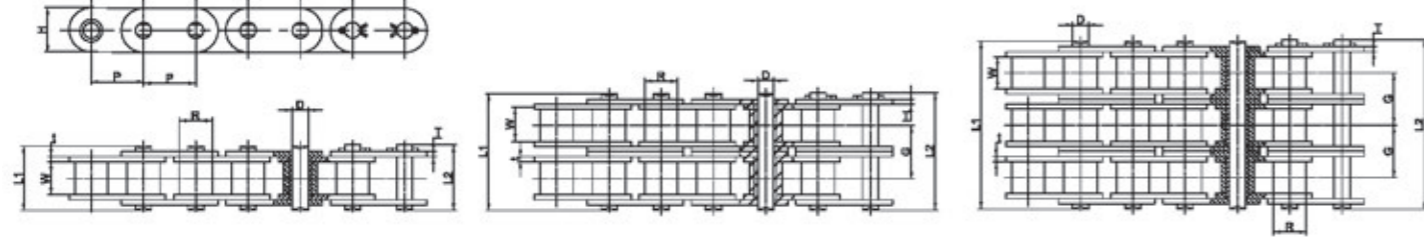
| ANSI CAIN No. | Pitch | Roller Dia. | Inner Width | Pin | | Plate Height | Plate Thickness | Transverse Pitch | Minimum Tensile Strength | Average Tensile Strength | Average Weight |
|----------------|--------|-------------|-------------|-------|--------|--------------|-----------------|------------------|--------------------------|--------------------------|----------------|
| | | | | Dia. | Length | | | | | | |
| | | | | P | R | | | | | | |
| SIMPLEX | | | | | | | | | | | |
| 50H-1 | 15.875 | 10.16 | 9.40 | 5.08 | 24.40 | 15.09 | 2.42 | | 22.20 | 30.20 | 1.25 |
| 60H-1 | 19.050 | 11.91 | 12.57 | 5.94 | 31.60 | 18.00 | 3.25 | | 31.80 | 42.70 | 1.87 |
| 80H-1 | 25.400 | 15.88 | 15.75 | 7.92 | 39.40 | 24.00 | 4.00 | | 56.70 | 71.40 | 3.10 |
| 100H-1 | 31.750 | 19.05 | 18.90 | 9.53 | 46.90 | 30.00 | 4.80 | | 88.50 | 112.40 | 4.52 |
| 120H-1 | 38.100 | 22.23 | 25.22 | 11.10 | 57.50 | 35.70 | 5.60 | | 127.00 | 160.90 | 6.60 |
| 140H-1 | 44.450 | 25.40 | 25.22 | 12.70 | 62.20 | 41.00 | 6.4 | | 172.40 | 217.30 | 8.30 |
| 160H-1 | 50.800 | 28.58 | 31.55 | 14.27 | 73.00 | 47.80 | 7.2 | | 226.80 | 285.80 | 10.30 |
| 200H-1 | 63.500 | 39.68 | 37.85 | 19.85 | 93.50 | 60.00 | 9.5 | | 353.80 | 444.50 | 19.16 |
| DUPLEX | | | | | | | | | | | |
| 60H-2 | 19.050 | 11.91 | 12.57 | 5.94 | 57.70 | 18.00 | 3.25 | 26.11 | 63.60 | 84.50 | 3.71 |
| 80H-2 | 25.400 | 15.88 | 15.75 | 7.92 | 72.00 | 24.00 | 4.00 | 32.59 | 113.40 | 145.30 | 6.15 |
| 100H-2 | 31.750 | 19.05 | 18.90 | 9.53 | 86.00 | 30.00 | 4.80 | 39.09 | 177.00 | 225.90 | 9.03 |
| 120H-2 | 38.100 | 22.23 | 25.22 | 11.10 | 106.40 | 35.70 | 5.60 | 48.87 | 254.00 | 322.70 | 13.13 |
| 140H-2 | 44.450 | 25.40 | 25.22 | 12.70 | 114.40 | 41.00 | 6.4 | 52.20 | 344.80 | 437.70 | 16.60 |
| 160H-2 | 50.800 | 28.58 | 31.55 | 14.27 | 134.90 | 47.80 | 7.2 | 61.9 | 453.60 | 571.60 | 20.20 |
| 200H-2 | 63.500 | 39.68 | 37.85 | 19.85 | 171.80 | 60.00 | 9.5 | 78.31 | 707.60 | 894.90 | 38.11 |
| TRIPLEX | | | | | | | | | | | |
| 60H-3 | 19.050 | 11.91 | 12.57 | 5.94 | 83.8 | 18.00 | 3.25 | 26.11 | 95.40 | 113.9 | 5.54 |
| 80H-3 | 25.400 | 15.88 | 15.75 | 7.92 | 104.6 | 24.00 | 4.00 | 32.59 | 170.10 | 203.5 | 9.42 |
| 100H-3 | 31.750 | 19.05 | 18.90 | 9.53 | 125.1 | 30.00 | 4.80 | 39.09 | 265.50 | 314.8 | 12.96 |
| 120H-3 | 38.100 | 22.23 | 25.22 | 11.10 | 155.2 | 35.70 | 5.60 | 48.87 | 381.00 | 444.7 | 19.64 |
| 140H-3 | 44.450 | 25.40 | 25.22 | 12.70 | 166.6 | 41.00 | 6.4 | 52.20 | 517.20 | 598.4 | 24.9 |
| 160H-3 | 50.800 | 28.58 | 31.55 | 14.27 | 196.8 | 47.80 | 7.2 | 61.9 | 680.40 | 787.3 | 30.1 |
| 200H-3 | 63.500 | 39.68 | 37.85 | 19.85 | 250.1 | 60.00 | 9.5 | 78.31 | 1061.40 | 1228.2 | 57.06 |

ANSI Straight Side Plate Roller Chain (ANSI B29.1, ISO R606, DIN8188)

| ANSI CAIN No. | Pitch | Roller Dia. | Inner Width | Pin | | | Plate Height | Plate Thickness | Transverse Pitch | Minimum Tensile Strength | Average Tensile Strength | Average Weight |
|----------------|--------|-------------|-------------|-------|--------|--------|--------------|-----------------|------------------|--------------------------|--------------------------|----------------|
| | | | | Dia. | Length | | | | | | | |
| | | | | P | R | W | | | | | | |
| SIMPLEX | | | | | | | | | | | | |
| C40-1 | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 18.80 | 12.00 | 1.50 | | 14.10 | 17.50 | 0.73 |
| C50-1 | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 23.30 | 15.09 | 2.03 | | 22.20 | 29.40 | 1.23 |
| C60-1 | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 28.30 | 18.0/18.2 | 2.42 | | 31.80 | 41.50 | 1.81/1.83 |
| C80-1 | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 36.50 | 24.00 | 3.25 | | 56.70 | 69.40 | 3.09 |
| C100-1 | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.00 | | 88.50 | 109.20 | 4.56 |
| C120-1 | 38.100 | 22.23 | 25.22 | 11.10 | 50.30 | 54.30 | 35.70 | 4.80 | | 127.00 | 156.30 | 6.86 |
| C140-1 | 44.450 | 25.40 | 25.22 | 12.70 | 54.40 | 59.00 | 41.00 | 5.60 | | 172.40 | 212.00 | 8.49 |
| C160-1 | 50.800 | 28.58 | 31.55 | 14.27 | 64.80 | 69.60 | 47.80 | 6.40 | | 226.80 | 278.90 | 11.50 |
| DUPLEX | | | | | | | | | | | | |
| C40-2 | 12.700 | 7.95 | 7.85 | 3.96 | 31.00 | 33.2 | 12.00 | 1.50 | 14.38 | 28.20 | 35.90 | 1.43 |
| C50-2 | 15.875 | 10.16 | 9.40 | 5.08 | 38.90 | 41.40 | 15.09 | 2.03 | 18.11 | 44.40 | 58.10 | 2.42 |
| C60-2 | 19.050 | 11.91 | 12.57 | 5.94 | 48.80 | 51.10 | 18.0/18.2 | 2.42 | 22.78 | 63.60 | 82.10 | 3.58/3.62 |
| C80-2 | 25.400 | 15.88 | 15.75 | 7.92 | 62.70 | 65.80 | 24.00 | 3.25 | 29.29 | 113.40 | 141.80 | 6.12 |
| C100-2 | 31.750 | 19.05 | 18.90 | 9.53 | 76.40 | 80.50 | 30.00 | 4.00 | 35.76 | 177.00 | 219.40 | 9.08 |
| C120-2 | 38.100 | 22.23 | 25.22 | 11.10 | 95.80 | 99.70 | 35.70 | 4.80 | 45.44 | 254.00 | 314.90 | 13.60 |
| C140-2 | 44.450 | 25.40 | 25.22 | 12.70 | 103.30 | 107.90 | 41.00 | 5.60 | 48.87 | 344.80 | 427.50 | 16.86 |
| C160-2 | 50.800 | 28.58 | 31.55 | 14.27 | 123.30 | 128.10 | 47.80 | 6.40 | 58.55 | 453.60 | 562.40 | 22.90 |
| TRIPLEX | | | | | | | | | | | | |
| C40-3 | 12.700 | 7.95 | 7.85 | 3.96 | 45.4 | 47.6 | 12.00 | 1.50 | 14.38 | 42.3 | 50 | 2.14 |
| C50-3 | 15.875 | 10.16 | 9.40 | 5.08 | 57 | 59.5 | 15.09 | 2.03 | 18.11 | 66.6 | 77.8 | 3.62 |
| C60-3 | 19.050 | 11.91 | 12.57 | 5.94 | 71.5 | 73.9 | 18.0/18.2 | 2.42 | 22.78 | 95.4 | 111.1 | 5.36/5.41 |
| C80-3 | 25.400 | 15.88 | 15.75 | 7.92 | 91.7 | 95.1 | 24.00 | 3.25 | 29.29 | 170.1 | 198.4 | 9.1 |
| C100-3 | 31.750 | 19.05 | 18.90 | 9.53 | 112.2 | 116.3 | 30.00 | 4.00 | 35.76 | 265.5 | 309.6 | 13.6 |
| C120-3 | 38.100 | 22.23 | 25.22 | 11.10 | 141.4 | 145.2 | 35.70 | 4.80 | 45.44 | 381 | 437.2 | 20.43 |
| C140-3 | 44.450 | 25.40 | 25.22 | 12.70 | 152.2 | 156.8 | 41.00 | 5.60 | 48.87 | 517.2 | 593.3 | 25.23 |
| C160-3 | 50.800 | 28.58 | 31.55 | 14.27 | 181.8 | 186.6 | 47.80 | 6.40 | 58.55 | 680.4 | 780.6 | 34.19 |

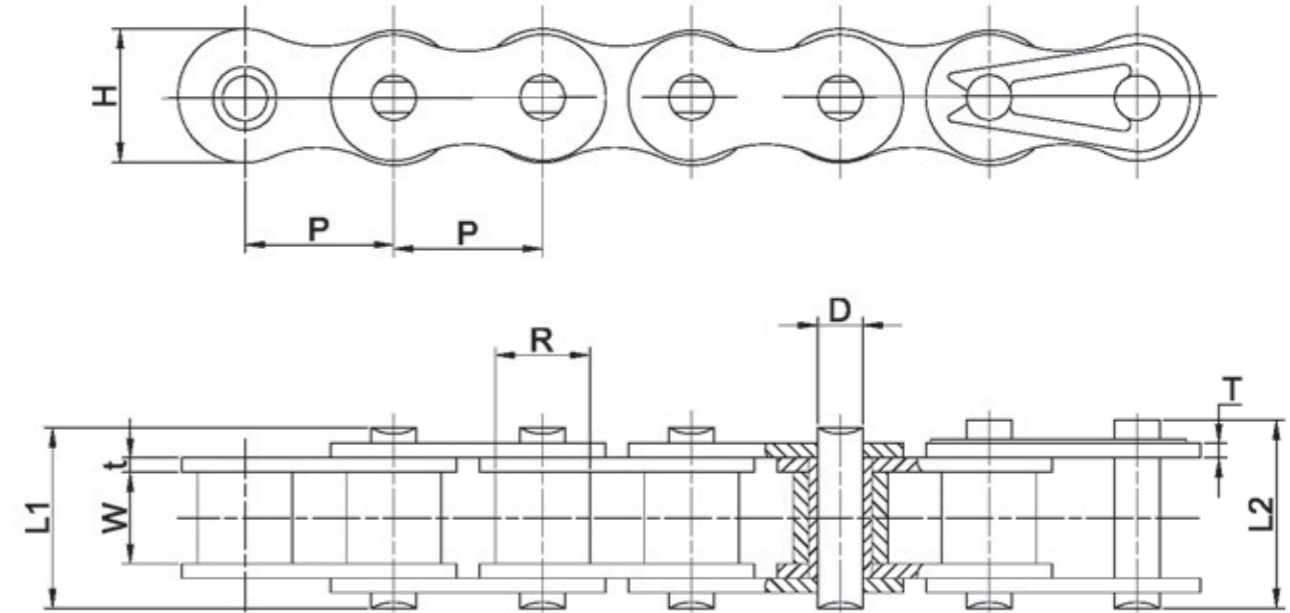
BRITISH STANDARD STRAIGHT SIDE PLATE ROLLER CHAINS

(ANSI B29.1, ISO R606, DIN8187)



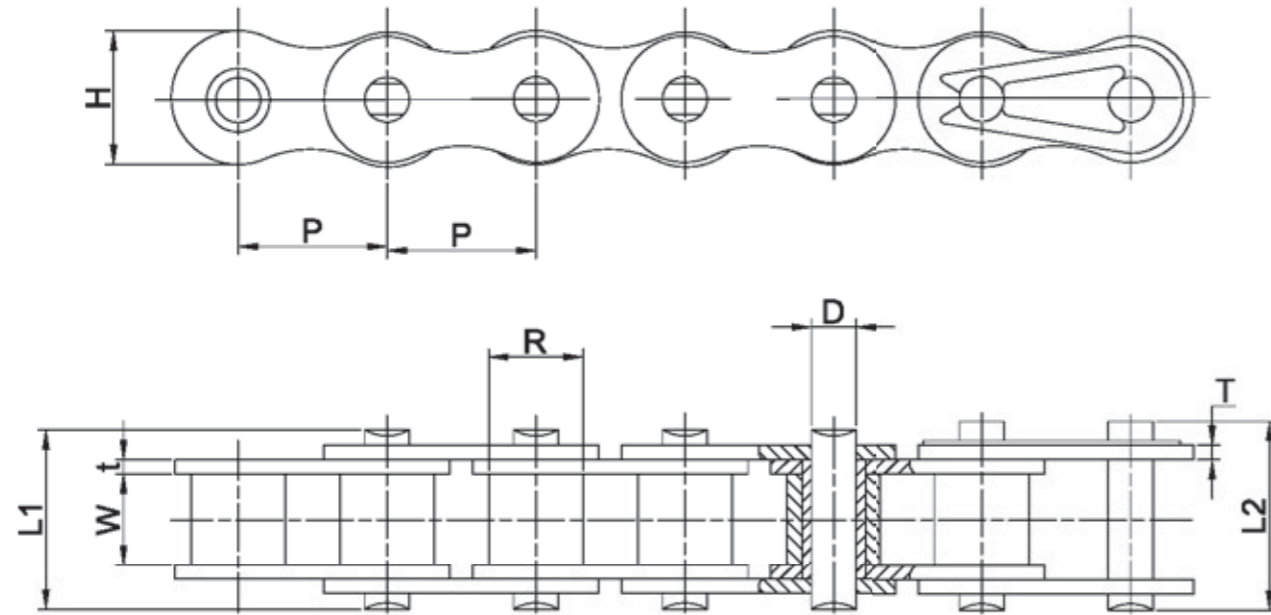
| British Standard Straight Side Plate Roller Chain (ANSI B29.1, ISO R606, DIN8187) | | | | | | | | | | | | |
|---|------------|------------------|------------------|-----------|--------|--------|-------------------|------------------------|-----------------------|--------------------------------|--------------------------------|------------------------|
| ISO CAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | | Plate Height H | Plate Thickness T/t | Transverse Pitch G | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m |
| | | | | Dia. D | Length | | | | | | | |
| | | | | | L1 | L2 | | | | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | KN | KN | kg/m | |
| SIMPLEX | | | | | | | | | | | | |
| 08B-1GL | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.60 | | 18.00 | 19.40 | 0.80 |
| 10B-1GL | 5.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.70 | | 22.40 | 27.50 | 1.06 |
| 12B-1GL | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.20 | 16.00 | 1.85 | | 29.00 | 32.20 | 1.32 |
| 16B-1GL | 25.400 | 15.88 | 17.02 | 8.28 | 36.10 | 37.40 | 21.0/24.0 | 4.15/3.1 | | 60.00 | 72.80 | 3.087/3.49 |
| 20B-1GL | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 26.40 | 4.5/3.5 | | 95.00 | 106.70 | 4.16 |
| 24B-1GL | 38.100 | 25.40 | 25.40 | 14.63 | 53.40 | 57.80 | 33.20 | 6.0/4.8 | | 60.00 | 178.00 | 7.47 |
| 28B-1GL | 44.450 | 27.94 | 30.99 | 15.90 | 65.10 | 69.50 | 36.70 | 7.5/6.0 | | 200.00 | 222.00 | 9.90 |
| 32B-1GL | 50.800 | 29.21 | 30.99 | 17.81 | 66.00 | 71.00 | 42.00 | 7.0//6.0 | | 250.00 | 277.50 | 10.45 |
| DUPLEX | | | | | | | | | | | | |
| 08B-2GL | 12.700 | 8.51 | 7.75 | 4.45 | 31.20 | 32.20 | 11.80 | 1.60 | 13.92 | 32.00 | 38.70 | 1.45 |
| 10B-2GL | 15.875 | 10.16 | 9.65 | 5.08 | 36.10 | 37.50 | 14.70 | 1.70 | 16.59 | 44.50 | 56.20 | 2.00 |
| 12B-2GL | 19.050 | 12.07 | 11.68 | 5.72 | 42.00 | 43.60 | 16.00 | 1.85 | 19.46 | 57.80 | 66.10 | 2.62 |
| 16B-2GL | 25.400 | 15.88 | 17.02 | 8.28 | 68.00 | 69.30 | 21.0/24.0 | 4.15/3.1 | 31.88 | 106.00 | 133.00 | 6.10/6.92 |
| 20B-2GL | 31.750 | 19.05 | 19.56 | 10.19 | 77.80 | 81.50 | 26.40 | 4.5/3.5 | 36.45 | 170.00 | 211.20 | 8.23 |
| 24B-2GL | 38.100 | 25.40 | 25.40 | 14.63 | 101.70 | 106.20 | 33.20 | 6.0/4.8 | 48.36 | 280.00 | 319.20 | 14.77 |
| 28B-2GL | 44.450 | 27.94 | 30.99 | 15.90 | 124.60 | 129.10 | 36.70 | 7.5/6.0 | 59.56 | 360.00 | 406.80 | 19.82 |
| 32B-2GL | 50.800 | 29.21 | 30.99 | 17.81 | 124.60 | 129.60 | 42.00 | 7.0//6.0 | 58.55 | 450.00 | 508.50 | 20.94 |
| TRIPLEX | | | | | | | | | | | | |
| 08B-3GL | 12.700 | 8.51 | 7.75 | 4.45 | 45.10 | 46.10 | 11.80 | 1.60 | 13.92 | 47.50 | 57.80 | 2.1 |
| 10B-3GL | 15.875 | 10.16 | 9.65 | 5.08 | 52.70 | 54.10 | 14.70 | 1.70 | 16.59 | 66.70 | 84.50 | 2.87 |
| 12B-3GL | 19.050 | 12.07 | 11.68 | 5.72 | 61.50 | 63.10 | 16.00 | 1.85 | 19.46 | 86.70 | 101.80 | 3.89 |
| 16B-3GL | 25.400 | 15.88 | 17.02 | 8.28 | 99.80 | 101.20 | 21.0/24.0 | 4.15/3.1 | 31.88 | 160.00 | 203.70 | 9.12/10.34 |
| 20B-3GL | 31.750 | 19.05 | 19.56 | 10.19 | 114.20 | 117.90 | 26.40 | 4.5/3.5 | 36.45 | 250.00 | 290.00 | 11.34 |
| 24B-3GL | 38.100 | 25.40 | 25.40 | 14.63 | 150.10 | 154.60 | 33.20 | 6.0/4.8 | 48.36 | 425.00 | 493.00 | 22.10 |
| 28B-3GL | 44.450 | 27.94 | 30.99 | 15.90 | 184.20 | 188.70 | 36.70 | 7.5/6.0 | 59.56 | 530.00 | 609.50 | 29.64 |
| 32B-3GL | 50.800 | 29.21 | 30.99 | 17.81 | 183.20 | 188.20 | 42.00 | 7.0//6.0 | 58.55 | 670.00 | 770.50 | 31.27 |

ZINC PLATED TRANSMISSION ROLLER CHAINS

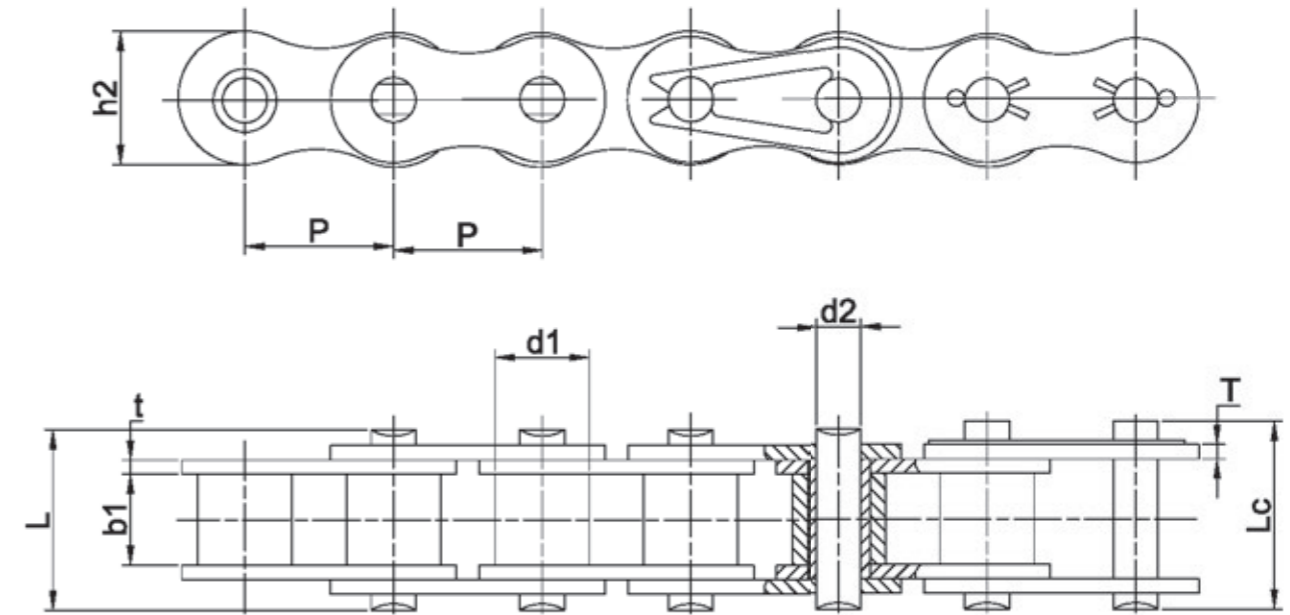


| Zinc Plated Transmission Roller Chain | | | | | | | | | | | | |
|---------------------------------------|---------------|------------|------------------|------------------|-----------|--------|-------|-------------------|------------------------|--------------------------------|--------------------------------|------------------------|
| ISO CAIN No. | ANSI CAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | | Plate Height H | Plate Thickness T/t | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m |
| | | | | | Dia. D | Length | | | | | | |
| | | | | | | L1 | L2 | | | | | |
| mm | mm | mm | mm | mm | mm | mm | mm | mm | KN | KN | kg/m | |
| | 25ZP | 6.350 | 3.30 | 3.18 | 2.31 | 7.90 | 8.40 | 6.00 | 0.80 | 3.50 | 4.60 | 0.14 |
| | 35ZP | 9.525 | 5.08 | 4.77 | 3.58 | 12.40 | 13.17 | 9.00 | 1.30 | 7.90 | 10.80 | 0.33 |
| | 41ZP | 12.700 | 7.77 | 6.25 | 3.58 | 13.75 | 15.00 | 9.91 | 1.30 | 6.67 | 12.60 | 0.41 |
| | 40ZP | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | 14.10 | 17.50 | 0.62 |
| | 50ZP | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | 22.20 | 29.40 | 1.02 |
| | 60ZP | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | 31.80 | 41.50 | 1.50 |
| | 80ZP | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 35.00 | 24.00 | 3.25 | 56.70 | 69.40 | 2.60 |
| | 100ZP | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.00 | 88.50 | 109.20 | 3.91 |
| | 04BZP | 6.000 | 4.00 | 2.80 | 1.85 | 6.80 | 7.80 | 5.00 | 0.60 | 3.00 | 3.20 | 0.11 |
| | 05BZP | 8.000 | 5.00 | 3.00 | 2.31 | 8.20 | 8.90 | 7.10 | 0.80 | 5.00 | 5.90 | 0.20 |
| | 06BZP | 9.525 | 6.35 | 5.72 | 3.28 | 13.15 | 14.10 | 8.20 | 1.30 | 9.00 | 10.40 | 0.41 |
| | 08BZP | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.60 | 18.00 | 19.40 | 0.69 |
| | 10BZP | 15.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.70 | 22.40 | 27.50 | 0.93 |
| | 12BZP | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.20 | 16.00 | 1.85 | 29.00 | 32.20 | 1.15 |
| | 16BZP | 25.400 | 15.88 | 17.02 | 8.28 | 36.10 | 37.40 | 21.00 | 4.15/3.1 | 60.00 | 72.80 | 2.71 |
| | 20BZP | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 26.40 | 4.5/3.5 | 95.00 | 106.70 | 3.70 |

NICKLE PLATED TRANSMISSION ROLLER CHAINS



DACROMET-PLATED CHAINS



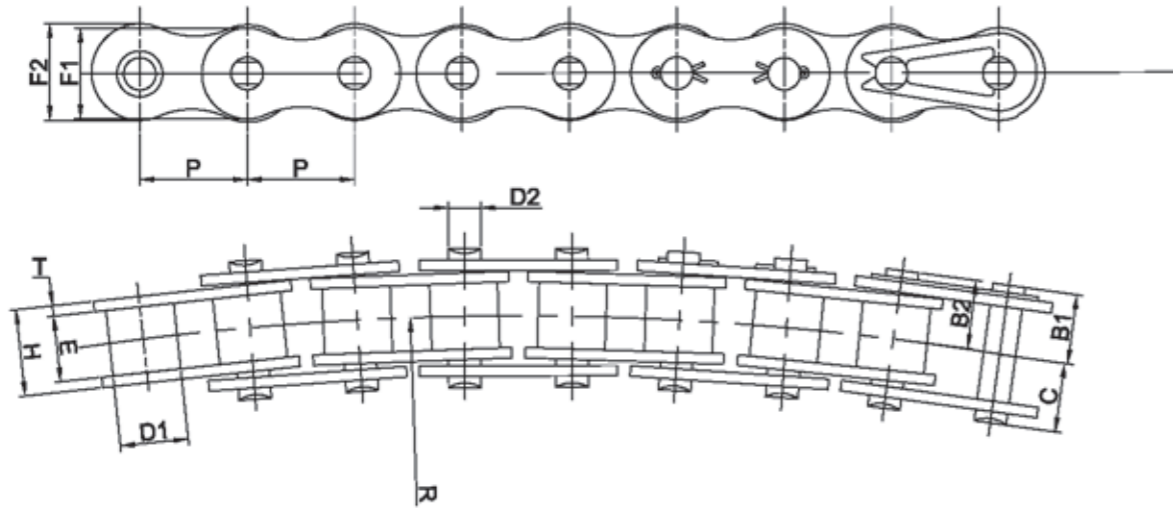
Nickle Plated Transmission Roller Chain

| ISO CAIN No. | ANSI CAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T/t | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
|--------------|---------------|------------|------------------|------------------|-----------|--------|-------------------|------------------------|--------------------------------|--------------------------------|------------------------|------|
| | | | | | Dia. D | Length | | | | | | |
| | | | | | | L1 | | | | | | L2 |
| | 25NP | 6.350 | 3.30 | 3.18 | 2.31 | 7.90 | 8.40 | 6.00 | 0.80 | 3.50 | 4.60 | 0.15 |
| | 35NP | 9.525 | 5.08 | 4.77 | 3.58 | 12.40 | 13.17 | 9.00 | 1.30 | 7.90 | 10.80 | 0.33 |
| | 41NP | 12.700 | 7.77 | 6.25 | 3.58 | 13.75 | 15.00 | 9.91 | 1.30 | 6.67 | 12.60 | 0.41 |
| | 40NP | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | 14.10 | 17.50 | 0.62 |
| | 50NP | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | 22.20 | 29.40 | 1.02 |
| | 60NP | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | 31.80 | 41.50 | 1.50 |
| | 80NP | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 35.00 | 24.00 | 3.25 | 56.70 | 69.40 | 2.60 |
| | 100NP | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.00 | 88.50 | 109.20 | 3.91 |
| 04BNP | | 6.000 | 4.00 | 2.80 | 1.85 | 6.80 | 7.80 | 5.00 | 0.60 | 3.00 | 3.20 | 0.11 |
| 05BNP | | 8.000 | 5.00 | 3.00 | 2.31 | 8.20 | 8.90 | 7.10 | 0.80 | 5.00 | 5.90 | 0.20 |
| 06BNP | | 9.525 | 6.35 | 5.72 | 3.28 | 13.15 | 14.10 | 8.20 | 1.30 | 9.00 | 10.40 | 0.41 |
| 08BNP | | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.60 | 18.00 | 19.40 | 0.69 |
| 10BNP | | 15.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.70 | 22.40 | 27.50 | 0.93 |
| 12BNP | | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.20 | 16.00 | 1.85 | 29.00 | 32.20 | 1.15 |
| 16BNP | | 25.400 | 15.88 | 17.02 | 8.28 | 36.10 | 37.40 | 21.00 | 4.15/3.1 | 60.00 | 72.80 | 2.71 |
| 20BNP | | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 26.40 | 4.5/3.5 | 95.00 | 106.70 | 3.70 |

Dacromet-Plated Chains

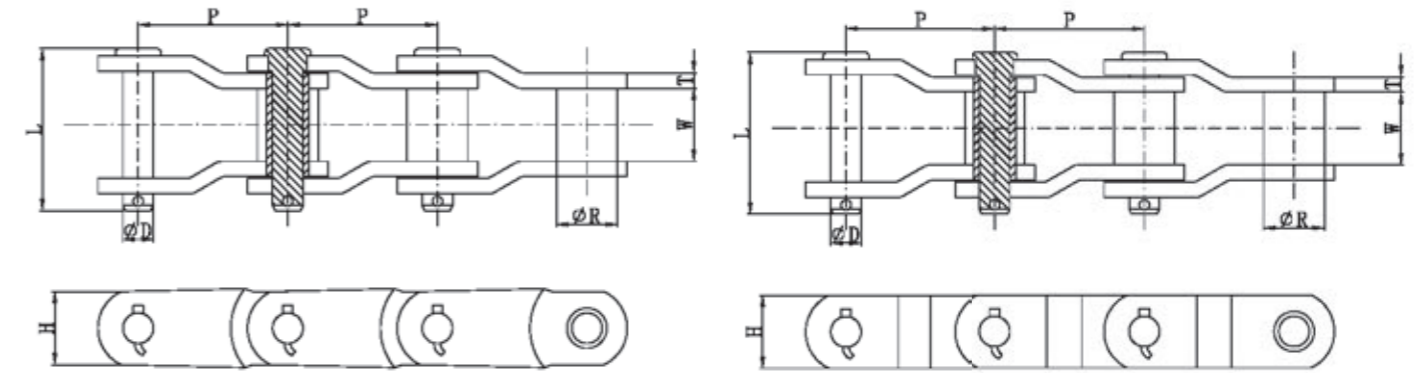
| CAIN No. | Pitch P | Roller Dia. d1 | Inner Width b1 | Pin | | Plate Height h2 | Plate Thickness T/t | Breaking Load KN | Average Weight kg/m | |
|----------|------------|-------------------|-------------------|------------|--------|--------------------|------------------------|---------------------|------------------------|-------|
| | | | | Dia. d2 | Length | | | | | |
| | | | | | L | | | | | Lc |
| 25DR | 6.350 | 3.30 | 3.18 | 2.31 | 7.90 | 8.40 | 6.00 | 0.80 | 3.50 | 0.15 |
| 35DR | 9.525 | 5.08 | 4.77 | 3.58 | 12.40 | 13.17 | 9.00 | 1.30 | 7.90 | 0.33 |
| 41DR | 12.700 | 7.77 | 6.25 | 3.58 | 13.75 | 15.00 | 9.91 | 1.30 | 6.67 | 0.41 |
| 40DR | 12.700 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | 14.10 | 0.62 |
| 50DR | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | 22.20 | 1.02 |
| 60DR | 19.050 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | 31.80 | 1.50 |
| 80DR | 25.400 | 15.88 | 15.75 | 7.92 | 32.70 | 35.00 | 24.00 | 3.25 | 56.70 | 2.60 |
| 100DR | 31.750 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.00 | 88.50 | 3.91 |
| 120DR | 38.100 | 22.23 | 25.22 | 11.10 | 50.30 | 54.30 | 35.70 | 4.80 | 127.00 | 5.62 |
| 140DR | 44.450 | 25.40 | 25.22 | 12.70 | 54.40 | 59.00 | 41.00 | 5.60 | 172.40 | 7.50 |
| 160DR | 50.800 | 28.58 | 31.55 | 14.27 | 64.80 | 69.60 | 47.80 | 6.40 | 226.80 | 10.10 |
| 04BDR | 6.000 | 4.00 | 2.80 | 1.85 | 6.80 | 7.80 | 5.00 | 0.60 | 3.00 | 0.11 |
| 05BDR | 8.000 | 5.00 | 3.00 | 2.31 | 8.20 | 8.90 | 7.10 | 0.8 | 5.00 | 0.20 |
| 06BDR | 9.525 | 6.35 | 5.72 | 3.28 | 13.15 | 14.10 | 8.20 | 1.3 | 9.00 | 0.41 |
| 08BDR | 12.700 | 8.51 | 7.75 | 4.45 | 16.17 | 18.20 | 11.80 | 1.6 | 18.00 | 0.69 |
| 10BDR | 15.875 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.7 | 22.40 | 0.93 |
| 12BDR | 19.050 | 12.07 | 11.68 | 5.72 | 22.50 | 24.20 | 16.00 | 1.85 | 29.00 | 1.15 |
| 16BDR | 25.400 | 15.88 | 17.02 | 8.28 | 36.10 | 37.40 | 21.00 | 4.15 | 60.00 | 2.71 |
| 20BDR | 31.750 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 26.40 | 4.50 | 95.00 | 3.70 |
| 24BDR | 38.100 | 25.40 | 25.40 | 14.63 | 53.40 | 57.80 | 33.20 | 6.00 | 160.00 | 7.10 |
| 28BDR | 44.450 | 27.94 | 30.99 | 15.90 | 65.10 | 69.50 | 36.70 | 7.50 | 200.00 | 8.50 |
| 32BDR | 50.800 | 29.21 | 30.99 | 17.81 | 66.00 | 71.00 | 42.00 | 7 | 250.00 | 10.25 |

SIDE BOW CHAINS



| Side Bow Chain | | | | | | | | | | | | | | |
|----------------|---------------|-------------|-------|-------|-------|-------|------|------|-------|-------|-------|-----|-----------------------------|---------------------|
| CAIN No. | Pitch x Width | | D1 | C | B1 | B2 | D2 | T | H | F1 | F2 | R | Avg. Tensile Strength KN | Avg. Weight kg/m |
| | P | E | | | | | | | | | | | | |
| | inch | mm | | | | | | | | | | | | |
| 35SB | 3/8"X3/16" | 9.525X4.78 | 5.08 | 6.00 | 7.30 | 7.95 | 3.59 | 1.28 | 7.46 | 7.80 | 9.04 | 254 | 860 | 0.33 |
| 40SB | 1/2"X5/16" | 12.70X7.92 | 7.92 | 8.46 | 9.94 | 11.24 | 3.98 | 1.49 | 11.17 | 10.41 | 12.06 | 356 | 1480 | 0.61 |
| 50SB | 5/8"X3/8" | 15.875X9.52 | 10.16 | 10.68 | 12.08 | 13.13 | 5.09 | 2.01 | 13.84 | 13.01 | 15.08 | 406 | 2460 | 1.00 |
| 60SB | 3/4"X1/2" | 19.05X12.7 | 11.91 | 13.28 | 14.68 | 16.23 | 5.96 | 2.38 | 17.75 | 15.64 | 18.09 | 508 | 3450 | 1.43 |
| 80SB | 1"X5/8" | 25.4X15.88 | 15.78 | 17.18 | 18.57 | 19.92 | 7.94 | 3.18 | 22.6 | 20.82 | 24.13 | 600 | 5800 | 2.53 |

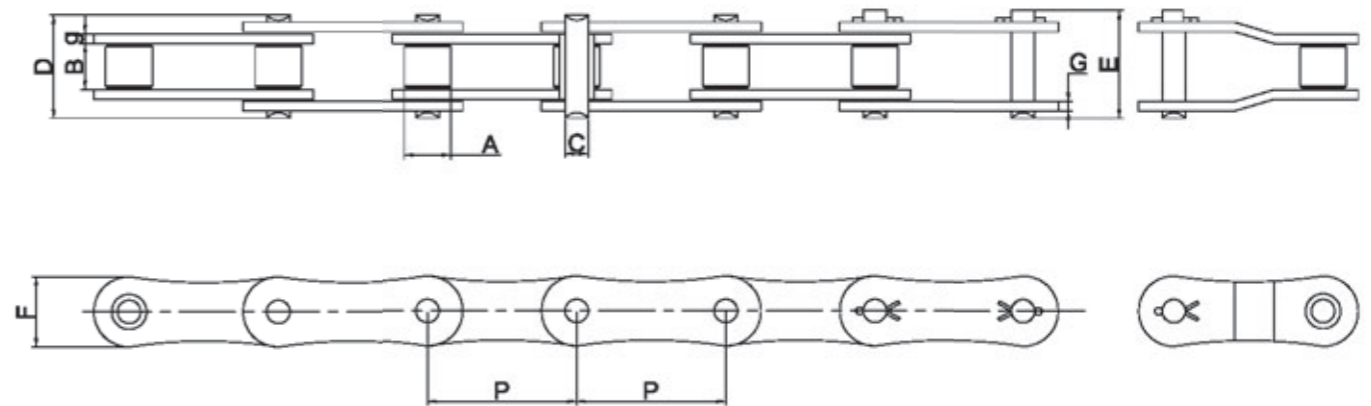
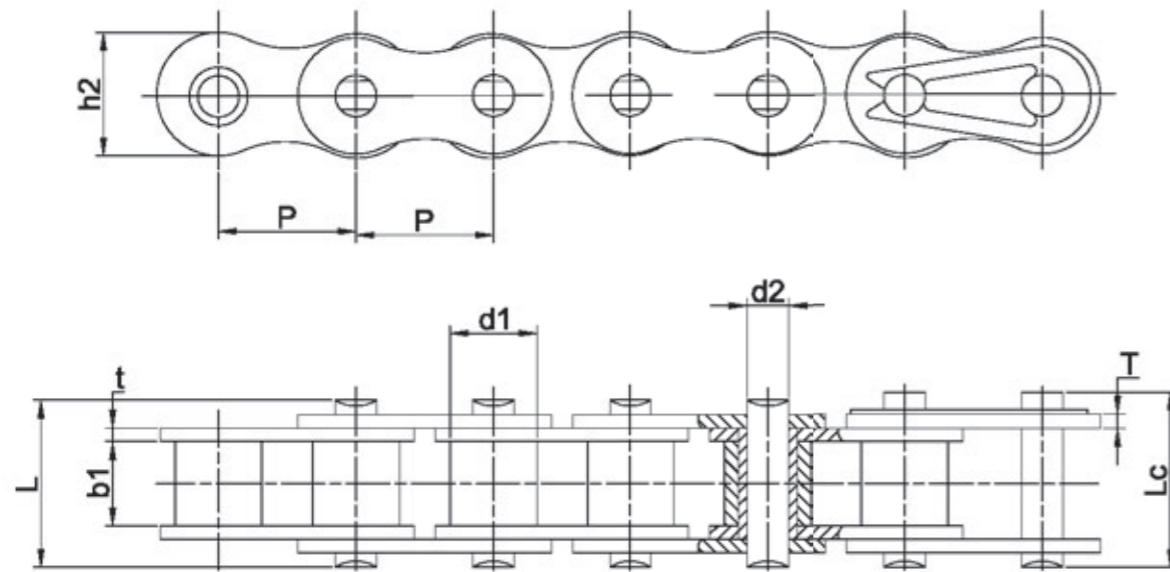
HEAVY DUTY CRANKED-LINK TRANSMISSION CHAINS



| Heavy Duty Cranked-Link Transmission Chains | | | | | | | | | | |
|---|------------|---------------------|---------------------|-----------|-------------|----------------------|---------------------------|---------------------------------------|--------------------------------------|---------------------------|
| ANSI CAIN No. | Pitch P | Roller Dia. R | Inner Width W | Pin | | Plate Height H | Plate Thickness T/t | Ultimate Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m |
| | | | | Dia. D | Length L | | | | | |
| | | | | mm | mm | | | | | |
| 2010 | 63.5 | 31.75 | 38.1 | 15.9 | 89 | 47.8 | 7.9 | 250 | 270.0 | 13.53 |
| 2510 | 78.1 | 31.75 | 36.9 | 16 | 94.8 | 40 | 8.0 | 271 | 292.6 | 10.72 |
| 2510H | 78.1 | 31.75 | 36.9 | 16.5 | 95.3 | 45 | 9.5 | 280 | 302.8 | 12.7 |
| 2512(MXS3011) | 77.9 | 41.28 | 39.6 | 19.05 | 100 | 57 | 9.7 | 340 | 367.2 | 18.4 |
| 2512F2 | 77.9 | 41.28 | 38.5 | 19.05 | 103.4 | 60 | 10.0 | 400 | 420.0 | 20.28 |
| 2814 | 88.9 | 44.45 | 36.6 | 22.23 | 117.6 | 58 | 12.7 | 471 | 507.6 | 25.7 |
| 3214 | 103.2 | 44.45 | 48 | 22 | 123.5 | 55 | 13.0 | 476 | 514.0 | 23.6 |
| 3214F1 | 103.2 | 44.45 | 49.2 | 23.9 | 129 | 60 | 14.0 | 666.4 | 700.0 | 26.7 |
| 3315 | 103.45 | 45.24 | 49.3 | 23.85 | 130 | 63.5 | 14.2 | 550 | 594.0 | 27.71 |
| 3618 | 114.3 | 57.15 | 52.3 | 27.97 | 138 | 79.2 | 14.2 | 760 | 820.8 | 41.2 |
| 4020 | 127 | 63.5 | 69.9 | 31.78 | 165.7 | 88.9 | 15.7 | 987 | 1069.2 | 48.6 |
| 2184 | 152.4 | 76.2 | 35 | 22.2 | 96 | 51 | 9.5 | 330 | 378.0 | 18.17 |
| MXS882 | 66.27 | 22.23 | 28.58 | 11.1 | 68.5 | 28.5 | 6.4 | 115 | 124.8 | 5.3 |
| MXS3075 | 78.1 | 31.75 | 38.1 | 16.46 | 93.5 | 44.5 | 9.7 | 334 | 360.7 | 13.45 |
| MXS1242 | 103.2 | 44.45 | 49.2 | 22.23 | 124.5 | 57 | 12.8 | 623 | 672.8 | 24.63 |
| SS588 | 66.27 | 22.23 | 28.6 | 11.11 | 63.7 | 28.6 | 6.4 | 130 | 144.0 | 5.46 |
| SS588F1 | 66.27 | 22.23 | 27 | 11.11 | 62 | 28.6 | 6.4 | 88.9 | 97.8 | 5.39 |
| SS588F2 | 66.27 | 22.23 | 27 | 9.53 | 59 | 25.4 | 5.6 | 84.46 | 91.2 | 4.26 |
| SS568H | 77.9 | 41.3 | 39.7 | 19.05 | 97.6 | 57 | 9.5 | 340 | 367.2 | 19.8 |
| SS40H(P) | 78.11 | 31.75 | 38.1 | 15.88 | 97 | 41.5 | 9.5 | 250 | 280.0 | 12.6 |
| SS124 | 103.2 | 44.45 | 49.2 | 22.23 | 127.2 | 57 | 12.7 | 560 | 590.0 | 22.57 |
| SS15F1 | 103.45 | 45.24 | 47.6 | 23.85 | 133 | 60 | 15.0 | 650 | 616.0 | 27.34 |
| SS1245 | 103.45 | 45.2 | 49.6 | 23.8 | 129.4 | 60 | 14.5 | 550 | 605.0 | 31.19 |
| SS635H | 114.30 | 57.20 | 52.40 | 27.94 | 137.00 | 76.20 | 14.5 | 760.00 | 836.0 | 37.80 |

DOUBLE-PITCHED CHAINS

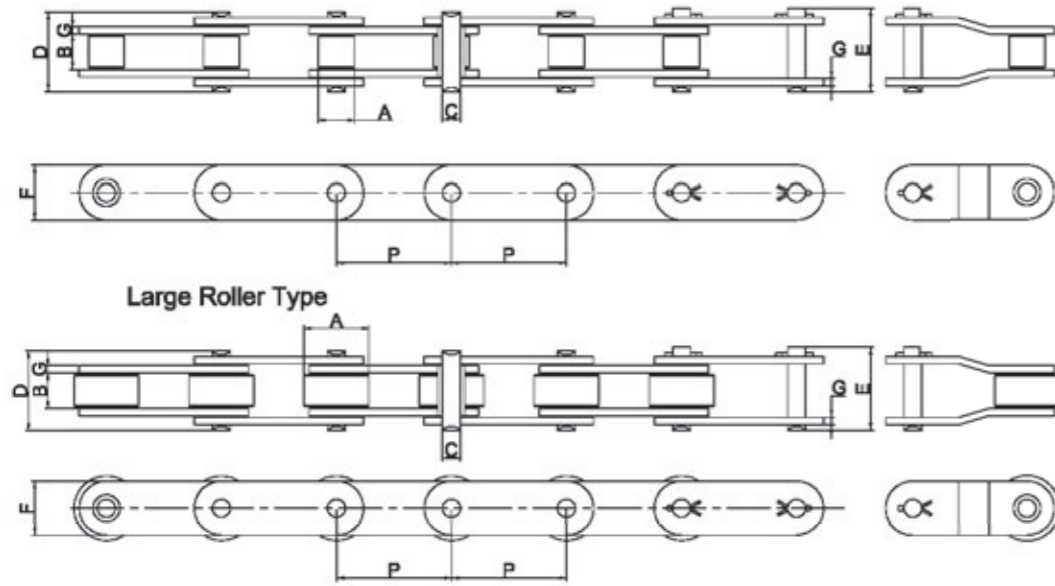
DOUBLE PITCH TRANSMISSION CHAINS



| Motorcycle Chains | | | | | | | | | | | |
|-------------------|------------|-------------------|-------------------|------------|--------|--------------------|------------------------|--------------------------------|--------------------------------|------------------------|------|
| CAIN No. | Pitch P | Roller Dia. d1 | Inner Width b1 | Pin | | Plate Height h2 | Plate Thickness T/t | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m | |
| | | | | Dia. d2 | Length | | | | | | |
| | | | | L | Lc | | | | | | |
| 25H | 6.350 | 3.30 | 3.18 | 2.31 | 8.90 | 9.50 | 6.00 | 1.04 | 4.80 | 5.50 | 0.17 |
| 25H(E) | 6.350 | 3.30 | 3.18 | 2.31 | 8.90 | 9.50 | 6.00 | 1.04 | 5.80 | 6.00 | 0.18 |
| 219H | 7.774 | 4.59 | 5.00 | 3.01 | 11.90 | 12.70 | 7.40 | 1.2/1.04 | 6.60 | 7.40 | 0.28 |
| 270H | 8.500 | 5.00 | 4.75 | 3.28 | 13.15 | | 8.45 | 1.8/1.4 | 9.80 | 11.00 | 0.33 |
| 219HF1 | 7.785 | 4.60 | 4.50 | 3.28 | 13.00 | | 7.00 | 2.0/1.4 | 9.00 | 9.80 | 0.37 |
| T3F | 9.525 | 6.00 | 9.50 | 4.50 | 18.60 | | 9.30 | 1.85/1.5 | 11.80 | 14.10 | 0.61 |
| 420 | 12.700 | 7.77 | 6.25 | 3.96 | 14.70 | 16.10 | 12.00 | 1.50 | 16.00 | 18.10 | 0.55 |
| 420F3 | 12.700 | 7.77 | 6.40 | 3.96 | 15.00 | 18.60 | 11.80 | 1.6/1.45 | 16.00 | 18.10 | 0.64 |
| 420H | 12.700 | 7.77 | 6.25 | 3.96 | 17.00 | 18.40 | 12.00 | 2.03 | 16.00 | 18.10 | 0.76 |
| 428 | 12.700 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.6/1.45 | 18.00 | 20.10 | 0.70 |
| 428H | 12.700 | 8.51 | 7.85 | 4.45 | 18.80 | 19.90 | 11.80 | 2.03 | 20.60 | 23.40 | 0.79 |
| 428F1 | 12.700 | 8.51 | 7.94 | 4.50 | 16.70 | 18.05 | 11.80 | 1.6/1.45 | 17.15 | 20.10 | 0.71 |
| 428HSH | 12.700 | 8.51 | 7.75 | 4.45 | 20.00 | | 12.00 | 2.42 | 27.00 | 29.40 | 0.89 |
| 428HF1 | 12.700 | 8.51 | 7.85 | 4.45 | 17.90 | 19.00 | 11.80 | 1.80 | 19.50 | 20.70 | 0.74 |
| 428HF4 | 12.700 | 8.51 | 7.94 | 4.50 | 18.90 | 20.10 | 11.80 | 2.03 | 20.50 | 23.40 | 0.82 |
| 428DS | 12.700 | 8.51 | 7.94 | 4.45 | 17.90 | 19.30 | 12.00 | 1.85/1.5 | 18.62 | 21.00 | 0.76 |
| 520 | 15.875 | 10.16 | 6.25 | 5.08 | 17.50 | 19.00 | 15.09 | 2.03 | 26.50 | 29.70 | 0.89 |
| 520F2 | 15.875 | 10.16 | 6.35 | 5.24 | 17.50 | 19.05 | 15.09 | 2.03 | 26.50 | 29.70 | 0.97 |
| 520F3 | 15.875 | 10.16 | 6.48 | 5.08 | 17.50 | 19.00 | 15.09 | 2.03 | 26.50 | 29.70 | 0.89 |
| 520H | 15.875 | 10.16 | 6.25 | 5.08 | 19.30 | 20.80 | 15.09 | 2.42 | 26.50 | 31.50 | 1.10 |
| 525 | 15.875 | 10.16 | 7.95 | 5.08 | 19.30 | 20.70 | 15.09 | 2.03 | 26.50 | 29.90 | 1.06 |
| 525H | 15.875 | 10.16 | 7.95 | 5.08 | 20.90 | 22.30 | 15.09 | 2.42 | 26.50 | 29.90 | 1.20 |
| 530 | 15.875 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.09 | 2.03 | 26.50 | 29.70 | 1.06 |
| 530SH | 15.875 | 10.16 | 9.40 | 5.08 | 22.10 | | 15.09 | 2.42 | 32.80 | 33.50 | 1.24 |
| 630 | 19.050 | 11.91 | 12.57 | 9.54 | 25.90 | 22.70 | 18.00 | 2.42 | 31.8 | 41.50 | 1.50 |

| Double Pitch Transmission Chains | | | | | | | | | | | | |
|----------------------------------|---------------|------------|------------------|------------------|-----------|-------------|-------------|-------------------|------------------------|--------------------------------|--------------------------------|------------------------|
| ISO CAIN No. | ANSI CAIN No. | Pitch P | Roller Dia. A | Inner Width B | Pin | | | Plate Height F | Plate Thickness T/t | Minimum Tensile Strength KN | Average Tensile Strength KN | Average Weight kg/m |
| | | | | | Dia. C | Length D | Length E | | | | | |
| | | | | | mm | mm | mm | | | | | |
| 208B | A2040 | 25.400 | 7.95 | 7.85 | 3.96 | 16.60 | 17.80 | 12.00 | 1.50 | 14.10 | 16.70 | 0.42 |
| | | 25.400 | 8.51 | 7.75 | 4.45 | 16.70 | 18.20 | 11.80 | 1.60 | 18.00 | 19.40 | 0.45 |
| | A2050 | 31.750 | 10.16 | 9.40 | 5.08 | 20.70 | 22.20 | 15.00 | 2.03 | 22.20 | 28.10 | 0.73 |
| 210B | | 31.750 | 10.16 | 9.65 | 5.08 | 19.50 | 20.90 | 14.70 | 1.70 | 22.40 | 27.50 | 0.65 |
| | A2060 | 38.100 | 11.91 | 12.57 | 5.94 | 25.90 | 27.70 | 18.00 | 2.42 | 31.80 | 36.80 | 1.02 |
| 212B | | 38.100 | 12.07 | 11.68 | 5.72 | 22.50 | 25.20 | 16.00 | 1.85 | 29.00 | 32.20 | 0.76 |
| | A2080 | 50.800 | 15.88 | 15.75 | 7.92 | 32.70 | 36.50 | 24.00 | 3.25 | 56.70 | 65.70 | 1.70 |
| 216AH | | 50.800 | 15.88 | 15.75 | 7.92 | 36.20 | 39.40 | 24.00 | 4.00 | 56.70 | 70.00 | 2.17 |
| 216B | | 50.800 | 15.88 | 17.02 | 8.28 | 36.10 | 39.10 | 21.00 | 4.15/3.1 | 60.00 | 72.80 | 1.75 |
| | A2100 | 63.500 | 19.05 | 18.90 | 9.53 | 40.40 | 44.70 | 30.00 | 4.15/3.1 | 88.50 | 102.60 | 2.55 |
| 220B | | 63.500 | 19.05 | 19.56 | 10.19 | 41.30 | 45.00 | 36.40 | 4.5/3.5 | 95.00 | 106.70 | 2.62 |
| | A2120 | 76.200 | 22.23 | 25.22 | 11.10 | 50.30 | 54.30 | 35.70 | 4.80 | 127.00 | 147.30 | 4.06 |
| 224B | | 76.200 | 25.40 | 25.40 | 14.63 | 53.40 | 57.80 | 33.20 | 6.0/4.8 | 160.00 | 178.00 | 4.70 |
| 228B | | 88.900 | 27.94 | 30.99 | 15.90 | 65.10 | 69.50 | 36.70 | 7.5/6 | 200.00 | 222.00 | 6.23 |
| 232B | | 101.600 | 29.21 | 30.99 | 17.81 | 66.00 | 71.00 | 42.00 | 7.0/6 | 250.00 | 277.50 | 6.72 |

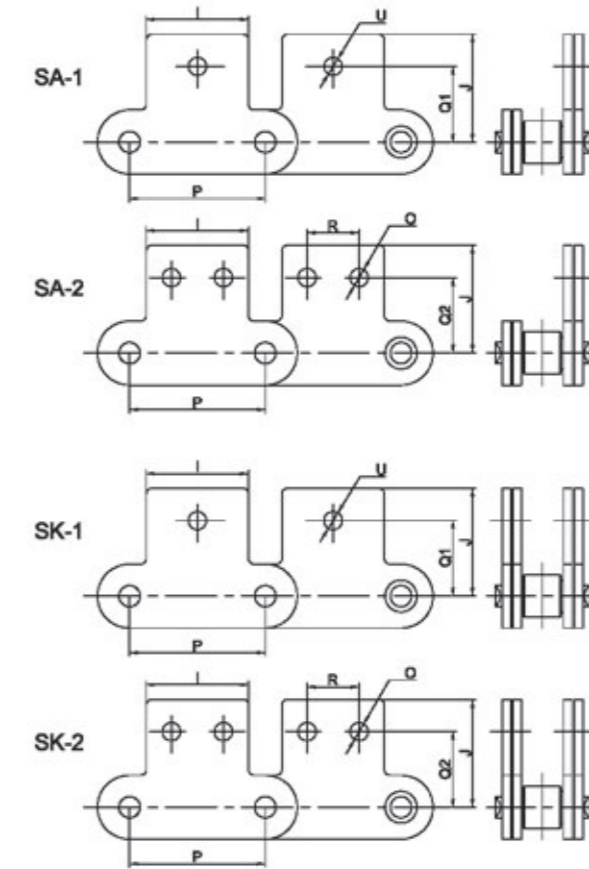
DOUBLE PITCH CONVEYOR CHAINS



Double Pitch Conveyor Chain

| DIN/ ISO Chain No. | ANSI Chain No. | P | A | B | C | D | E | F | G | Min tensile strength KN | Average tensile strength KN | Weight kg/m |
|--------------------|----------------|-------|-------|-------|-------|------|------|------|------|----------------------------|--------------------------------|----------------|
| | | mm | mm | mm | mm | mm | mm | mm | mm | | | |
| C208A | C2040 | 25.4 | 7.95 | 7.85 | 3.96 | 16.6 | 17.8 | 12 | 1.5 | 14.1 | 16.7 | 0.5 |
| C208AL | C2042 | | 15.88 | | | | | | | | | 0.84 |
| C208AH | C2040H | 25.4 | 7.95 | 7.85 | 3.96 | 18.8 | 19.9 | 12 | 2.03 | 14.1 | 17.2 | 0.65 |
| C208B | | 25.4 | 8.51 | 7.75 | 4.45 | 16.7 | 18.2 | 11.8 | 1.6 | 18 | 19.4 | 0.55 |
| C208BL | | | 15.88 | | | | | | | | | 0.89 |
| C210A | C2050 | 31.75 | 10.16 | 9.4 | 5.08 | 20.7 | 22.2 | 15 | 2.03 | 22.2 | 28.1 | 0.78 |
| C210AL | C2052 | | 19.05 | | | | | | | | | 1.27 |
| C212A | C2060 | 38.1 | 11.91 | 12.57 | 5.94 | 25.9 | 27.7 | 18 | 2.42 | 31.8 | 36.8 | 1.12 |
| C212AL | C2062 | | 22.23 | | | | | | | | | 1.61 |
| C212AH | C2060H | 38.1 | 11.91 | 12.57 | 5.94 | 29.2 | 31.6 | 18 | 3.25 | 31.8 | 41.6 | 1.44 |
| C212AHL | C2062H | | 22.23 | | | | | | | | | 2.07 |
| C216A | C2080 | 50.8 | 15.88 | 15.75 | 7.92 | 32.7 | 36.5 | 24 | 3.25 | 56.7 | 65.7 | 2.08 |
| C216AL | C2082 | | 28.58 | | | | | | | | | 3.12 |
| C216AH | C2080H | 25.4 | 15.85 | 15.75 | 7.92 | 36.7 | 39.4 | 24 | 4 | 56.7 | 128.86 | 2.54 |
| C216AHL | C2080HL | | 28.58 | | | | | | | | | 3.58 |
| C220A | C2100 | 63.5 | 19.05 | 18.9 | 9.53 | 40.4 | 44.7 | 30 | 4 | 88.5 | 102.6 | 3.01 |
| C220AL | C2102 | | 39.67 | | | | | | | | | 4.83 |
| C220AH | C2100H | 63.5 | 19.05 | 18.9 | 9.53 | 43.6 | 46.9 | 30 | 4.8 | 88.5 | 112.4 | 3.56 |
| C220AL | C2102H | | 39.67 | | | | | | | | | 5.38 |
| C224A | C2120 | 76.2 | 22.23 | 25.22 | 11.1 | 50.3 | 54.3 | 35.7 | 4.8 | 127 | 147.3 | 4.66 |
| C224AL | C2122 | | 44.45 | | | | | | | | | 7.66 |
| C224AH | C2120H | 76.2 | 22.23 | 25.22 | 11.1 | 53.5 | 57.5 | 35.7 | 5.6 | 127 | 160.9 | 5.26 |
| C224AHL | C2122H | | 44.45 | | | | | | | | | 8.26 |
| C232A | C2160 | 101.6 | 28.58 | 31.75 | 14.27 | 64.8 | 69.6 | 47.8 | 6.4 | 226.8 | 278.9 | 8.23 |
| C232AL | C2162 | | 57.15 | | | | | | | | | 11.95 |
| C232AH | C2160H | 101.6 | 28.58 | 31.75 | 14.27 | 68.2 | 73 | 47.8 | 7.2 | 226.8 | 285.8 | 9.06 |
| C232AHL | C2162H | | 57.15 | | | | | | | | | 12.77 |

DOUBLE PITCH ATTACHMENTS

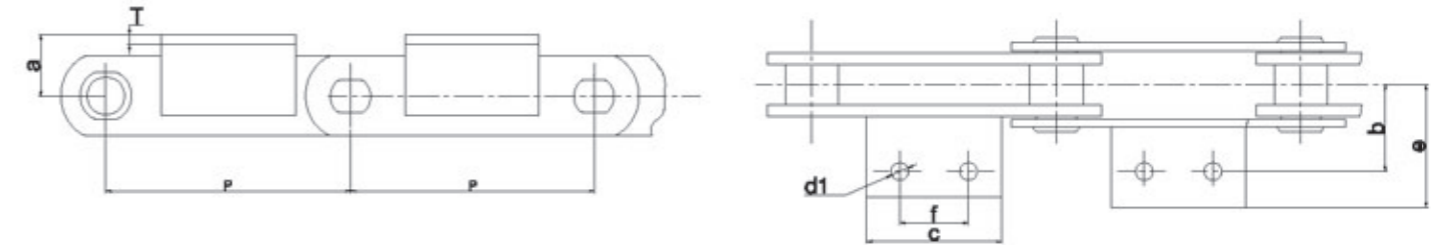


Double Pitch Attachments

| ISO Chain No. | ANSI Chain No. | P | I | R | Q1 | Q2 | J | O | U |
|----------------|----------------|-------|------|------|------|------|------|-----|-----|
| | | mm | mm | mm | mm | mm | mm | mm | mm |
| C208A/C208AL | C2040/C2042 | 25.4 | 19.1 | 9.5 | 11.1 | 13.5 | 20.5 | 3.4 | 5.5 |
| C208B/C208BL | | 25.4 | 23.2 | 12.7 | 11.1 | 13.5 | 20.5 | 4.5 | 5.5 |
| C210A/C210AL | C2050/C2052 | 31.75 | 23.8 | 11.9 | 14.3 | 15.9 | 25 | 5.5 | 6.6 |
| C212A/C212AL | C2060/C2062 | 38.1 | 28.6 | 14.3 | 17.5 | 19.1 | 32.9 | 5.5 | 9.2 |
| C212AH/C212AHL | C2060H/C2062H | 38.1 | 28.6 | 14.3 | 17.5 | 19.1 | 32.9 | 5.5 | 9.2 |
| C216A/C216AL | C2080/C2082 | 50.8 | 38.1 | 19.1 | 22.2 | 25.4 | 43.5 | 6.6 | 11 |
| C216AH/C216AHL | C2080H/C2082H | 50.8 | 38.1 | 19.1 | 22.2 | 25.4 | 43.5 | 6.6 | 11 |
| C220A/C220AL | C2100/C2102 | 63.5 | 47.6 | 23.8 | 28.6 | 31.8 | 50.4 | 8.4 | 13 |
| C220AH/C220AHL | C2100H/C2102H | 63.5 | 47.6 | 23.8 | 28.6 | 31.8 | 50.4 | 8.4 | 13 |

CONVEYOR CHAINS

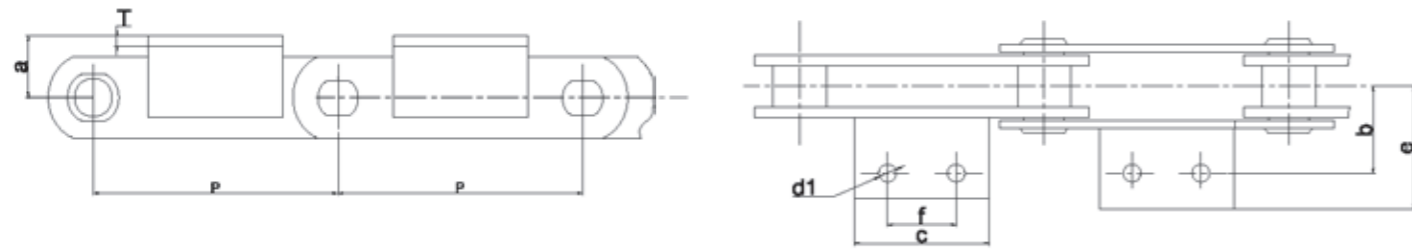
FV/C SERIES ATTACHMENTS



CONVEYOR CHAINS

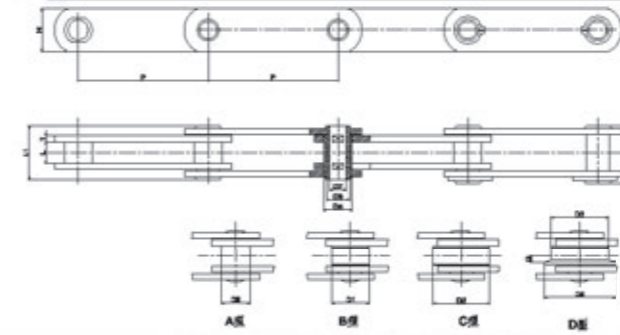


| FV/C Series Attachments | | | | | | | | | | | | | | |
|-------------------------|-----------|-----|----|----|-----|-----|------|----|-------|-------------------|-------|-------|-------|--------|
| DIN No. | Chain No. | p | a | b | c | d1 | e | f | angle | chain weight kg/m | | | | Weight |
| | | mm | mm | mm | mm | mm | mm | mm | mm | typeA | typeB | typeC | typeD | kg |
| FV40 | C40 | 50 | 20 | 25 | 45 | 6.5 | 64 | / | / | 2.4 | 2.9 | 4 | 5.6 | 0.05 |
| | | 63 | " | " | 31 | " | 40.5 | / | / | 2 | 2.4 | 3.3 | 4.5 | 0.036 |
| | | 80 | " | " | 45 | " | " | 25 | 25X3 | 1.9 | 2.2 | 3 | 3.9 | 0.05 |
| | | 100 | " | " | 50 | " | " | 30 | " | 1.7 | 2 | 2.6 | 3.3 | 0.056 |
| | | 125 | " | " | 60 | " | " | 30 | " | 1.6 | 1.9 | 2.3 | 3 | 0.067 |
| FV63 | C63 | 63 | 30 | 34 | 40 | 8.4 | 50 | / | 30X4 | 3.8 | 4.5 | 6.4 | 8.9 | 0.063 |
| | | 80 | " | " | 45 | " | " | 25 | " | 3.2 | 3.8 | 5.3 | 7.2 | 0.095 |
| | | 100 | " | " | 50 | " | " | 30 | " | 3 | 3.5 | 4.7 | 6.2 | 0.11 |
| | | 125 | " | " | 60 | " | " | 40 | " | 2.7 | 3 | 4 | 5.3 | 0.14 |
| | | 160 | " | " | 70 | " | " | 50 | " | 2.4 | 2.7 | 3.5 | 4.4 | 0.17 |
| FV90 | C90 | 63 | 35 | 40 | 30 | 8.4 | 64 | / | 40X4 | 5.6 | 6.8 | 10 | 14.7 | 0.072 |
| | | 80 | " | " | 45 | " | " | 25 | " | 5.1 | 6 | 8.6 | 12.3 | 0.11 |
| | | 100 | " | " | 50 | " | " | 30 | " | 4.5 | 5.3 | 7.3 | 10.3 | 0.13 |
| | | 125 | " | " | 60 | " | " | 40 | " | 4.2 | 4.8 | 6.5 | 8.8 | 0.16 |
| | | 160 | " | " | 70 | " | " | 50 | " | 4 | 4.5 | 5.8 | 7.6 | 0.2 |
| | | 200 | " | " | 80 | " | " | 60 | " | 3.5 | 3.8 | 4.8 | 5.8 | 0.24 |
| FV112 | C112 | 250 | " | " | 85 | " | " | 65 | " | 3.4 | 3.7 | 4.6 | 5.4 | 0.21 |
| | | 100 | 40 | 50 | 50 | 11 | 70 | 30 | 40X6 | 6.7 | 7.7 | 11.2 | 18.8 | 0.2 |
| | | 125 | " | " | 65 | " | " | 40 | " | 6 | 6.8 | 9.6 | 15.7 | 0.27 |
| | | 160 | " | " | 75 | " | " | 50 | " | 5.5 | 6.1 | 8.3 | 13 | 0.31 |
| | | 200 | " | " | 90 | " | " | 65 | " | 5.2 | 5.7 | 7.5 | 11.3 | 0.4 |
| FV140 | C140 | 250 | " | " | 105 | " | " | 80 | " | 4.9 | 5.3 | 6.7 | 9.8 | 0.5 |
| | | 100 | 45 | 50 | 55 | 11 | 81 | 30 | 50X6 | 8.2 | 9.5 | 14.3 | 21.4 | 0.23 |
| | | 125 | " | " | 65 | " | " | 40 | " | 7.4 | 8.5 | 12.3 | 18 | 0.3 |
| | | 160 | " | " | 75 | " | " | 50 | " | 6.7 | 7.5 | 10.5 | 14.9 | 0.36 |
| | | 200 | " | " | 90 | " | " | 65 | " | 6 | 6.7 | 9 | 12.8 | 0.45 |



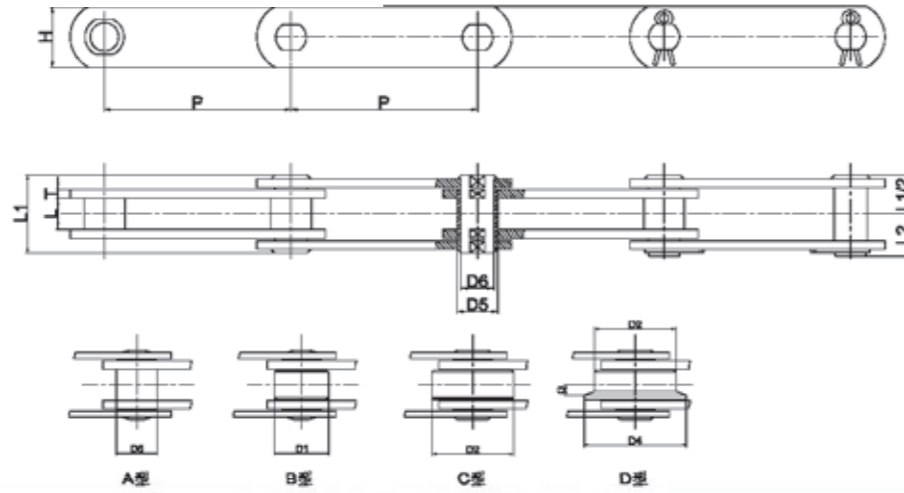
| FV/C Series Attachments | | | | | | | | | | | | | | |
|-------------------------|-----------|---------|---------|---------|---------|----------|---------|---------|-------------|-------------------|-------|-------|-------|--------------|
| DIN No. | Chain No. | p mm | a mm | b mm | c mm | d1 mm | e mm | f mm | angle mm | chain weight kg/m | | | | Weight kg |
| | | | | | | | | | | typeA | typeB | typeC | typeD | |
| FV180 | C180 | 250 | " | " | 105 | " | " | 80 | " | 5.8 | 6.3 | 8.3 | 11 | 0.54 |
| | | 125 | 45 | 64 | 63 | 13 | 91 | 35 | 50X7 | 10.5 | 12.4 | 18.9 | 31.3 | 0.32 |
| | | 160 | " | " | 80 | " | " | 50 | " | 10.2 | 11.7 | 16.7 | 26.5 | 0.41 |
| | | 200 | " | " | 95 | " | " | 65 | " | 9.6 | 10.8 | 14.8 | 25.9 | 0.52 |
| | | 250 | " | " | 110 | " | " | 80 | " | 8.9 | 9.8 | 13 | 19.3 | 0.62 |
| FV250 | C250 | 315 | " | " | 130 | " | " | 100 | " | 8.3 | 9 | 11.6 | 16.6 | 0.72 |
| | | 160 | 55 | 69 | 80 | 14 | 106 | 50 | 60X8 | 13.4 | 16.4 | 23.8 | 45.9 | 0.57 |
| | | 200 | " | " | 95 | " | " | 65 | " | 12.3 | 14.7 | 20.6 | 38.3 | 0.71 |
| | | 250 | " | " | 110 | " | " | 80 | " | 11.3 | 13.3 | 17.9 | 32.1 | 0.85 |
| FV315 | C315 | 400 | " | " | 130 | " | " | 100 | " | 9.8 | 10.7 | 13.9 | 23.8 | 1 |
| | | 160 | 60 | 85 | 50 | 14 | 130 | / | 70X10 | 20.4 | 24.9 | 33.3 | 67.8 | 0.52 |
| | | 200 | " | " | 95 | " | " | 65 | " | 18.5 | 22.1 | 28.9 | 56.4 | 0.98 |
| | | 250 | " | " | 110 | " | " | 80 | " | 17 | 20 | 25.3 | 47.3 | 1.13 |
| | | 315 | " | " | 130 | " | " | 100 | " | 15.9 | 18.2 | 22.4 | 39.9 | 1.34 |
| 400 | " | " | 130 | " | " | 100 | " | 15 | 16.8 | 20.2 | 34 | 1.34 | | |

FV/C SERIES HOLLOW PIN CHAINS



| FV/C Series Hollow Pin Chain | | | | | | | | | | | | | | | | | | |
|------------------------------|-----------|---------|---------|----------|----------|----------|----------|---------|----------|----------|----------|---------|---------|----------|----------|------------|----------------|------|
| DIN No. | Chain No. | p mm | L mm | D1 mm | D2 mm | D3 mm | D4 mm | G mm | D5 mm | D6 mm | D7 mm | H mm | T mm | L1 mm | L2 mm | Load KN | Weight kg/m | |
| | | | | | | | | | | | | | | | | | | FV63 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.9 |
| | | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.3 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 3.8 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 3.4 |
| FV90 | CC90 | 63 | 25 | 30 | 48 | 63 | 78 | 6.5 | 20 | 14 | 10 | 35 | 5 | 53 | 30 | 73 | 9.1 | |
| | | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 7.8 |
| | | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 6.8 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 5.6 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 5.3 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.7 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.3 |
| FV112 | CC112 | 100 | 30 | 32 | 55 | 72 | 90 | 7.5 | 22 | 16 | 11 | 40 | 6 | 62 | 32 | 90 | 10.2 | |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 8.9 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 7.8 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 7 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 6.3 |
| FV140 | CC140 | 100 | 35 | 36 | 60 | 80 | 100 | 9 | 26 | 18 | 12 | 45 | 6 | 67 | 35 | 110 | 12.9 | |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 11.2 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 9.7 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 8.6 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 7.7 |
| FV180 | CC180 | 125 | 45 | 42 | 70 | 100 | 125 | 13 | 30 | 20 | 14 | 50 | 8 | 86 | 45 | 145 | 18.2 | |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 15.6 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 13.8 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 12.3 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 11 |
| FV250 | CC250 | 160 | 55 | 50 | 80 | 125 | 155 | 15 | 36 | 26 | 18 | 60 | 8 | 97 | 55 | 215 | 20.5 | |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 18 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 15.9 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 14.2 |
| FV315 | CC315 | 160 | 65 | 60 | 90 | 140 | 175 | 18 | 42 | 30 | 20 | 70 | 10 | 117 | 63 | 295 | 34.1 | |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 29.5 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 25.8 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 22.8 |
| | | 400 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 20.2 |

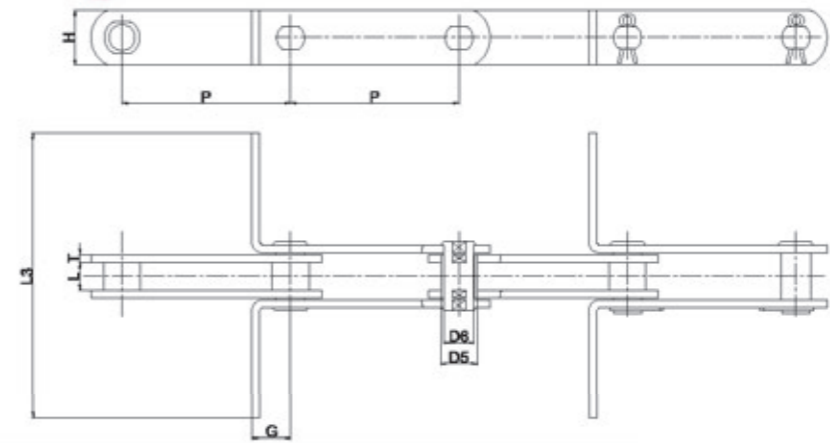
FV/C SERIES SOLID PIN CHAINS



| FV/C Series Solid Pin Chain | | | | | | | | | | | | | | | |
|-----------------------------|-----------|-----|----|----|----|-----|-----|-----|----|----|----|----|----|----|------|
| DIN No. | Chain No. | p | L | D1 | D2 | D3 | D4 | G | D5 | D6 | H | T | L1 | L2 | Load |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| FV40 | C40 | 50 | 18 | 20 | 32 | 40 | 50 | 4 | 15 | 10 | 25 | 3 | 36 | 21 | 42 |
| | | 63 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV63 | C63 | 63 | 22 | 26 | 40 | 50 | 63 | 5 | 18 | 12 | 30 | 4 | 45 | 26 | 64 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV90 | C90 | 63 | 25 | 30 | 48 | 63 | 78 | 6.5 | 20 | 14 | 35 | 5 | 53 | 30 | 100 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV112 | C112 | 100 | 30 | 32 | 55 | 72 | 90 | 7.5 | 22 | 16 | 40 | 6 | 62 | 35 | 120 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV140 | C140 | 100 | 35 | 36 | 60 | 80 | 100 | 9 | 26 | 18 | 45 | 6 | 67 | 38 | 145 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV180 | C180 | 125 | 45 | 42 | 70 | 100 | 125 | 13 | 30 | 20 | 50 | 8 | 86 | 49 | 190 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " |

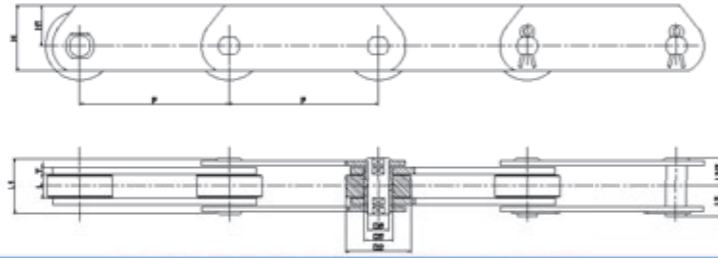
| | | | | | | | | | | | | | | | |
|-------|------|-----|----|----|----|-----|-----|----|----|----|----|----|-----|----|-----|
| FV250 | C250 | 160 | 55 | 50 | 80 | 125 | 155 | 15 | 36 | 26 | 60 | 8 | 97 | 55 | 275 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| FV315 | C315 | 160 | 65 | 60 | 90 | 140 | 175 | 18 | 42 | 30 | 70 | 10 | 113 | 70 | 370 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| | | 400 | " | " | " | " | " | " | " | " | " | " | " | " | |

FV/CR SERIES SCRAPER CHAINS



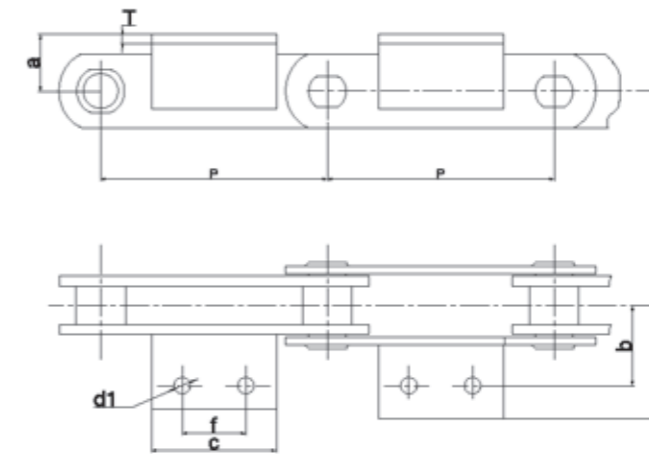
| FV/CR Series Scraper Chain | | | | | | | | | | |
|----------------------------|-----|----|----|----|----|----|----|----|------|--------|
| Chain No. | P | L | D5 | D6 | H | T | G | L3 | Load | Weight |
| | mm | mm | mm | mm | mm | mm | mm | mm | KN | kg/m |
| FVR40 | 80 | 18 | 15 | 10 | 25 | 3 | 25 | / | 42 | 1.9 |
| | 100 | " | " | " | " | " | " | / | " | 1.7 |
| | 125 | " | " | " | " | " | " | / | " | 1.6 |
| FVR63 | 100 | 22 | 18 | 12 | 30 | 4 | 25 | / | 64 | 3 |
| | 125 | " | " | " | " | " | " | / | " | 2.7 |
| | 150 | " | " | " | " | " | " | / | " | 2.4 |
| FVR90 | 100 | 25 | 20 | 14 | 35 | 5 | 30 | / | 100 | 4.5 |
| | 125 | " | " | " | " | " | " | / | " | 4.2 |
| | 150 | " | " | " | " | " | " | / | " | 4 |
| FVR112 | 100 | 30 | 22 | 16 | 40 | 6 | 35 | / | 120 | 6.7 |
| | 125 | " | " | " | " | " | " | / | " | 6 |
| | 150 | " | " | " | " | " | " | / | " | 5.5 |
| FVR140 | 100 | 35 | 26 | 18 | 45 | " | 38 | / | 145 | 7.4 |
| | 125 | " | " | " | " | " | " | / | " | 6.7 |
| | 150 | " | " | " | " | " | " | / | " | 6 |
| FVR180 | 125 | 45 | 30 | 20 | 50 | 8 | 44 | / | 190 | 10.5 |
| | 150 | " | " | " | " | " | " | / | " | 10.2 |
| | 200 | " | " | " | " | " | " | / | " | 9.6 |
| FVR250 | 125 | 55 | 36 | 26 | 60 | " | 50 | / | 275 | 13.4 |
| | 150 | " | " | " | " | " | " | / | " | 12.3 |
| | 200 | " | " | " | " | " | " | / | " | 11.3 |

FVT/CE SERIES METRIC DEEP LINK CHAINS



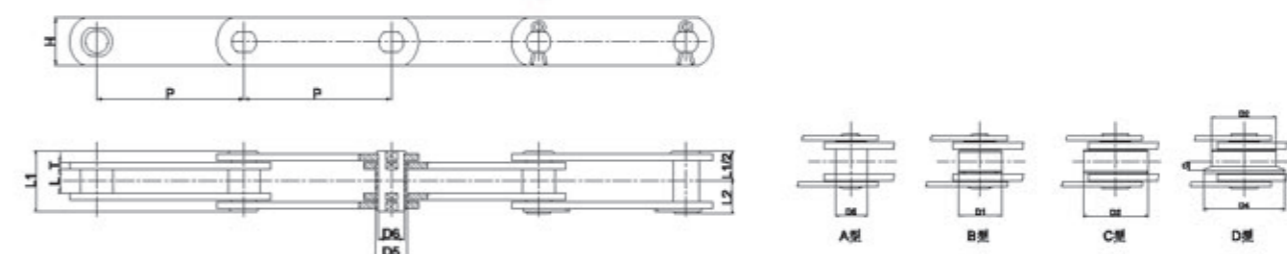
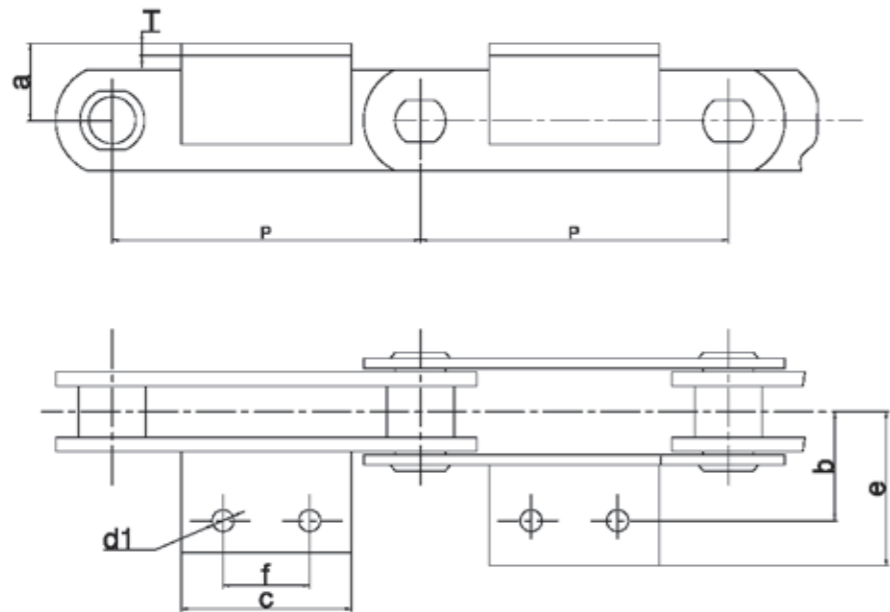
| FVT/CE Series Metric Deep Link Chain | | | | | | | | | | | | | |
|--------------------------------------|-----------|-----|----|----|----|----|----|------|----|----|----|------|--------|
| DIN No. | Chain No. | p | L | D2 | D5 | D6 | H | H1 | T | L1 | L2 | Load | Weight |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | KN | kg/m |
| FVT40 | CE40 | 50 | 18 | 32 | 15 | 10 | 35 | 22.5 | 3 | 36 | 21 | 42 | 5 |
| | | 63 | " | " | " | " | " | " | " | " | " | " | 4.3 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | 3.8 |
| | | 100 | " | " | " | " | " | " | " | " | " | " | 3.4 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | 3 |
| FVT63 | CE63 | 63 | 22 | 40 | 18 | 12 | 40 | 25 | 4 | 45 | 26 | 64 | 7.5 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | 6.5 |
| | | 100 | " | " | " | " | " | " | " | " | " | " | 5.7 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | 5.1 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | 4.5 |
| FVT90 | CE90 | 63 | 25 | 48 | 20 | 14 | 45 | 27.5 | 5 | 53 | 30 | 100 | 11.7 |
| | | 80 | " | " | " | " | " | " | " | " | " | " | 10 |
| | | 100 | " | " | " | " | " | " | " | " | " | " | 8.7 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | 7.7 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | 6.8 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 5.8 |
| FVT112 | CE112 | 100 | 30 | 55 | 22 | 16 | 50 | 30 | 6 | 62 | 35 | 120 | 12.7 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | 11.7 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | 9.7 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 8.7 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | 8 |
| FVT140 | CE140 | 100 | 35 | 60 | 25 | 18 | 60 | 37.5 | 6 | 67 | 38 | 145 | 16.8 |
| | | 125 | " | " | " | " | " | " | " | " | " | " | 14.6 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | 12.6 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 11.3 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | 10.1 |
| FVT180 | CE180 | 125 | 45 | 70 | 30 | 20 | 70 | 45 | 8 | 86 | 49 | 190 | 24.2 |
| | | 160 | " | " | " | " | " | " | " | " | " | " | 20.8 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 18.4 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | 16.5 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | 14.9 |
| FVT250 | CE250 | 160 | 55 | 80 | 36 | 26 | 80 | 50 | 8 | 97 | 55 | 275 | 28.2 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 24.5 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | 21.7 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | 19.3 |
| FVT315 | CE315 | 160 | 65 | 90 | 42 | 30 | 90 | 55 | 10 | 26 | 70 | 370 | 39.9 |
| | | 200 | " | " | " | " | " | " | " | " | " | " | 34.8 |
| | | 250 | " | " | " | " | " | " | " | " | " | " | 30.6 |
| | | 315 | " | " | " | " | " | " | " | " | " | " | 27.3 |
| | | 400 | " | " | " | " | " | " | " | " | " | " | 24.5 |

M SERIES CHAIN ATTACHMENTS



| M series chain attachments | | | | | | | | | | | | | | |
|----------------------------|-----|----|----|-----|-----|-----|-----|-------|-------------------|-------|-------|-------|-------------------|----|
| Chain No. | p | a | b | c | d1 | e | f | Angle | chain weight kg/m | | | | attachment Weight | |
| | | | | | | | | | typeA | typeB | typeC | typeD | | |
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg |
| M20 | 40 | 16 | 27 | 14 | 6.6 | 40 | / | / | 1.1 | 1.3 | 2.4 | 2.5 | 0.02 | |
| " | 50 | " | " | 14 | " | " | / | / | 1.01 | 1.3 | 2 | 2.1 | 0.02 | |
| " | 63 | " | " | 35 | " | " | 20 | 25X3 | 0.99 | 1.2 | 1.8 | 1.9 | 0.04 | |
| " | 80 | " | " | 50 | " | " | 35 | " | 0.9 | 1.1 | 1.6 | 1.6 | 0.06 | |
| M28 | 50 | 20 | 32 | 20 | 9 | 47 | / | 20X3 | 1.6 | 1.9 | 3.3 | 3.4 | 0.02 | |
| " | 63 | " | " | 20 | " | " | / | 30X3 | 1.5 | 1.7 | 2.8 | 2.9 | 0.02 | |
| " | 80 | " | " | 45 | " | " | 25 | " | 1.4 | 1.6 | 2.5 | 2.6 | 0.05 | |
| " | 100 | " | " | 60 | " | " | 40 | " | 1.3 | 1.5 | 2.1 | 2.2 | 0.08 | |
| M40 | 63 | 25 | 35 | 31 | 9 | 50 | / | 30X4 | 2.25 | 2.6 | 4.4 | 4.6 | 0.04 | |
| " | 80 | " | " | 45 | " | " | 20 | " | 2 | 2.3 | 3 | 3.9 | 0.07 | |
| " | 100 | " | " | 60 | " | " | 40 | " | 1.9 | 2.1 | 3.2 | 3.4 | 0.1 | |
| " | 125 | " | " | 85 | " | " | 65 | " | 1.8 | 2 | 2.9 | 3 | 0.15 | |
| M56 | 63 | 30 | 44 | 22 | 11 | 61 | / | 40X4 | 3.4 | 3.9 | 6.8 | 7.2 | 0.05 | |
| " | 80 | " | " | 30 | " | " | / | " | 3 | 3.4 | 5.7 | 6 | 0.07 | |
| " | 100 | " | " | 50 | " | " | 25 | " | 2.8 | 3.1 | 5 | 5.2 | 0.12 | |
| " | 125 | " | " | 75 | " | " | 50 | " | 2.6 | 2.9 | 4.4 | 4.5 | 0.18 | |
| " | 160 | " | " | 110 | " | " | 85 | " | 2.54 | 2.7 | 3.9 | 4.1 | 0.27 | |
| M80 | 80 | 35 | 48 | 30 | 11 | 65 | / | 40X4 | 4.7 | 5.4 | 9.2 | 9.4 | 0.07 | |
| " | 100 | " | " | 50 | " | " | 25 | " | 4.3 | 4.8 | 7.9 | 8 | 0.12 | |
| " | 125 | " | " | 75 | " | " | 50 | " | 4 | 4.4 | 6.9 | 7 | 0.18 | |
| " | 160 | " | " | 110 | " | " | 85 | " | 3.7 | 4 | 6 | 6.1 | 0.27 | |
| " | 200 | " | " | 150 | " | " | 125 | " | 3.5 | 3.8 | 5.3 | 5.4 | 0.36 | |
| M112 | 80 | 40 | 55 | 28 | 14 | 80 | / | 50X6 | 6.8 | 8 | 14 | 14.7 | 0.13 | |
| " | 100 | " | " | 40 | " | " | / | " | 6.2 | 7.2 | 12 | 12.5 | 0.18 | |
| " | 25 | " | " | 65 | " | " | 35 | " | 5.7 | 6.5 | 10.4 | 10.8 | 0.3 | |
| " | 160 | " | " | 95 | " | " | 65 | " | 5.3 | 5.9 | 9 | 9.3 | 0.44 | |
| " | 200 | " | " | 130 | " | " | 100 | " | 5 | 5.5 | 7.9 | 8.2 | 0.59 | |
| M160 | 100 | 45 | 62 | 30 | 14 | 85 | / | 50X6 | 9.7 | 11.2 | 18.9 | 20.2 | 0.13 | |
| " | 125 | " | " | 50 | " | " | 25 | " | 8.9 | 10 | 16.3 | 18.1 | 0.23 | |
| " | 160 | " | " | 80 | " | " | 50 | " | 8.2 | 9.1 | 14 | 15.4 | 0.37 | |
| " | 200 | " | " | 115 | " | " | 85 | " | 7.6 | 8.4 | 12.2 | 13.4 | 0.53 | |
| " | 250 | " | " | 175 | " | " | 145 | " | 7.3 | 7.9 | 11 | 12 | 0.8 | |
| M224 | 125 | 55 | 70 | 35 | 18 | 100 | / | 60X8 | 13 | 14.8 | 25.8 | 26.6 | 0.3 | |
| " | 160 | " | " | 60 | " | " | / | " | 12 | 13.4 | 22 | 22.7 | 0.43 | |

M SERIES SOLID PIN CHAINS

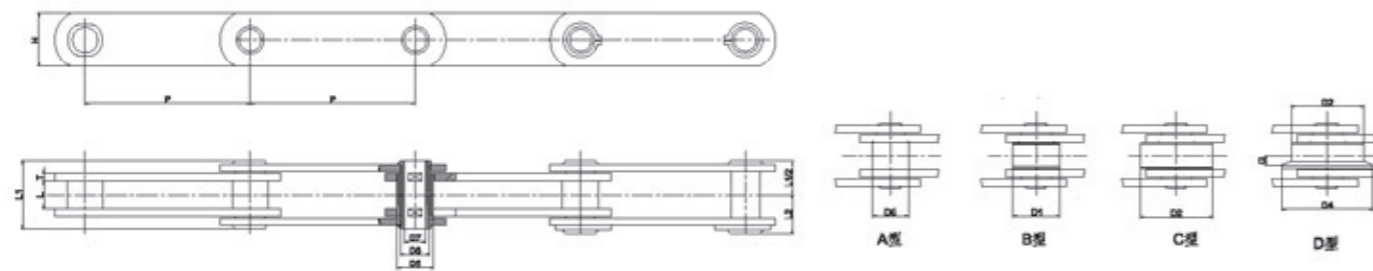


| M Series Chain Attachments | | | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|----|-----|-----|--------|-------------------|-------|-------|-------|-------------------|
| Chain No. | p | a | b | c | d1 | e | f | Angle | chain weight kg/m | | | | Attachment Weight |
| | | | | | | | | | typeA | typeB | typeC | typeD | |
| " | 200 | " | " | 100 | " | " | 65 | " | 11 | 12.1 | 19 | 19.5 | 0.71 |
| " | 250 | " | " | 160 | " | " | 125 | " | 10.3 | 11.2 | 16.7 | 17.1 | 1.13 |
| " | 315 | " | " | 230 | " | " | 190 | " | 9.8 | 10.5 | 14.9 | 15.2 | 1.6 |
| M315 | 160 | 65 | 80 | 35 | 18 | 115 | / | 70X9 | 18.3 | 20.4 | 33.3 | 34.6 | 0.32 |
| " | 200 | " | " | 85 | " | " | 50 | " | 16.7 | 18.4 | 28.7 | 29.7 | 0.66 |
| " | 250 | " | " | 140 | " | " | 100 | " | 15.6 | 17 | 25.2 | 26 | 1.1 |
| " | 315 | " | " | 190 | " | " | 155 | " | 14.6 | 15.7 | 22.3 | 22.9 | 1.46 |
| " | 400 | " | " | 205 | " | " | 155 | " | 13.9 | 14.8 | 20 | 20.5 | 1.46 |
| M450 | 200 | 75 | 90 | 50 | 18 | 125 | / | 70X9 | 24 | 27 | 40.5 | 47 | 0.33 |
| " | 250 | " | " | 125 | " | " | 85 | " | 22 | 24.9 | 39.5 | 41 | 1 |
| " | 315 | " | " | 195 | " | " | 155 | " | 21 | 23 | 34.5 | 36 | 1.6 |
| " | 400 | " | " | 280 | " | " | 240 | " | 19.6 | 21.2 | 30.5 | 31.4 | 2.3 |
| M630 | 250 | 90 | 115 | 50 | 24 | 165 | / | 100X12 | 36 | 40.8 | 64 | 66.9 | 0.9 |
| " | 315 | " | " | 150 | " | " | 100 | " | 33.4 | 36.6 | 55.5 | 57.7 | 2.7 |
| " | 400 | " | " | 240 | " | " | 190 | " | 31.5 | 33.9 | 49 | 50.7 | 4.3 |
| " | 500 | " | " | 350 | " | " | 300 | " | 29.6 | 31.6 | 43.6 | 45 | 6.2 |
| M900 | 250 | 110 | 140 | 60 | 30 | 195 | / | 120X15 | 49.7 | 56.5 | 98.3 | 104.5 | 1.6 |
| " | 315 | " | " | 125 | " | " | 65 | " | 45.5 | 51.8 | 84.2 | 89.7 | 3.3 |
| " | 400 | " | " | 215 | " | " | 155 | " | 42 | 46.2 | 72.5 | 76.9 | 5.7 |
| " | 500 | " | " | 300 | " | " | 240 | " | 39.3 | 42.7 | 63.8 | 67.6 | 8 |
| " | 600 | " | " | 350 | " | " | 300 | " | 37.3 | 39.9 | 56.6 | 58.9 | 8 |

| M Series Solid Pin Chain | | | | | | | | | | | | | |
|--------------------------|-----|----|------|-----|-----|------|----|----|----|-----|------|------|---------|
| Chain No. | p | L | D1 | D2 | D4 | G | D5 | D6 | H | T | L1 | L2 | Load |
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | N |
| M20 | 40 | 16 | 12.5 | 25 | 32 | 3.5 | 9 | 6 | 18 | 2.5 | 33 | 19 | 20,000 |
| " | 50 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 63 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " |
| M28 | 50 | 18 | 15 | 30 | 36 | 4 | 10 | 7 | 20 | 3 | 36 | 20.5 | 28,000 |
| " | 63 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " |
| M40 | 63 | 20 | 18 | 36 | 45 | 4.5 | 11 | 8 | 25 | 4 | 40.5 | 24 | 40,000 |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " |
| M56 | 63 | 24 | 21 | 42 | 50 | 7 | 15 | 10 | 30 | 4 | 45 | 26 | 56,000 |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " |
| M80 | 80 | 28 | 25 | 50 | 60 | 7 | 18 | 12 | 35 | 5 | 54.5 | 30.5 | 80,000 |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " |
| M112 | 80 | 32 | 30 | 60 | 75 | 7.5 | 21 | 15 | 40 | 6 | 63 | 36 | 112,000 |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " |
| M160 | 100 | 37 | 36 | 70 | 90 | 8.5 | 25 | 18 | 50 | 7 | 72 | 41.5 | 160,000 |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " |
| M224 | 125 | 43 | 42 | 85 | 105 | 10 | 30 | 21 | 60 | 8 | 84 | 47 | 224,000 |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " |
| M315 | 160 | 48 | 50 | 100 | 124 | 10.5 | 36 | 25 | 70 | 10 | 97 | 55 | 315,000 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " |

| M Series Solid Pin Chain | | | | | | | | | | | | | |
|--------------------------|-----|----|----|-----|-----|------|----|----|-----|----|-----|------|---------|
| Chain No. | p | L | D1 | D2 | D4 | G | D5 | D6 | H | T | L1 | L2 | Load |
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | N |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 400 | " | " | " | " | " | " | " | " | " | " | " | " |
| M450 | 200 | 56 | 60 | 120 | 149 | 11.5 | 42 | 30 | 80 | 12 | 114 | 67 | 450,000 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 400 | " | " | " | " | " | " | " | " | " | " | " | " |
| M630 | 250 | 67 | 70 | 140 | 170 | 15 | 50 | 36 | 100 | 14 | 137 | 87.5 | 630,000 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 400 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 500 | " | " | " | " | " | " | " | " | " | " | " | " |
| M900 | 250 | 78 | 85 | 170 | 210 | 17 | 60 | 44 | 120 | 16 | 153 | 95 | 900,000 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 400 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 500 | " | " | " | " | " | " | " | " | " | " | " | " |
| " | 600 | " | " | " | " | " | " | " | " | " | " | " | " |

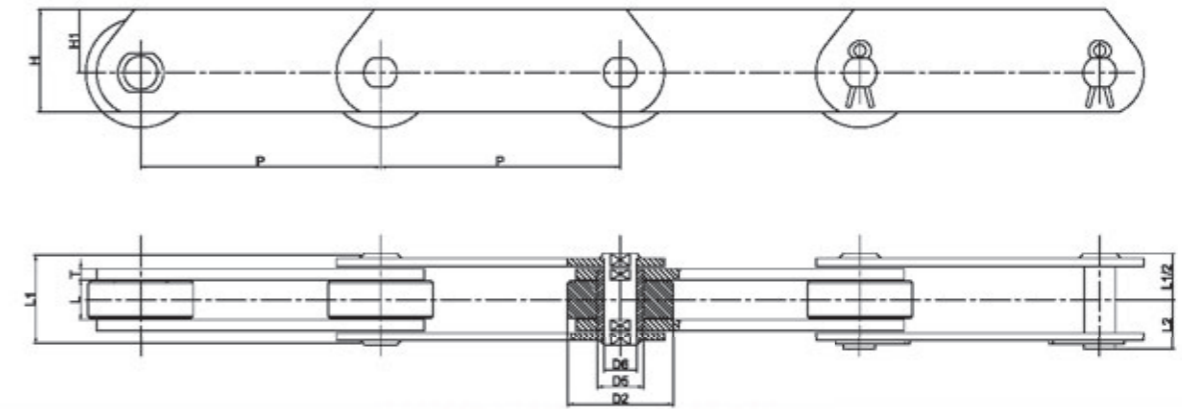
MC SERIES HOLLOW PIN CHAINS



| MC Series Hollow Pin Chain | | | | | | | | | | | | | | | |
|----------------------------|-----|----|----|----|----|-----|----|------|------|----|----|------|------|---------|--------|
| Chain No. | p | L | D1 | D2 | D4 | G | D5 | D6 | D7 | H | T | L1 | L2 | Q | Weight |
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | N | kg/m |
| MC28 | 50 | 20 | 25 | 36 | 45 | 4.5 | 17 | 13 | 8.2 | 25 | 3 | 36 | 20.5 | 28,000 | 4.3 |
| " | 63 | " | " | " | " | " | " | " | " | " | " | " | " | " | 3.8 |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " | 3.2 |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " | 2.8 |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | 2.5 |
| MC56 | 63 | 24 | 30 | 50 | 60 | 7 | 21 | 15.5 | 10.2 | 35 | 4 | 45 | 25 | 56,000 | 8.5 |
| " | 80 | " | " | " | " | " | " | " | " | " | " | " | " | " | 7.2 |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " | 6.2 |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | 5.4 |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.7 |
| MC112 | 80 | 32 | 42 | 70 | 85 | 8.5 | 29 | 22 | 14.3 | 50 | 6 | 62.5 | 33 | 112,000 | 7.9 |
| " | 100 | " | " | " | " | " | " | " | " | " | " | " | " | " | 32.3 |
| " | 125 | " | " | " | " | " | " | " | " | " | " | " | " | " | 27.1 |

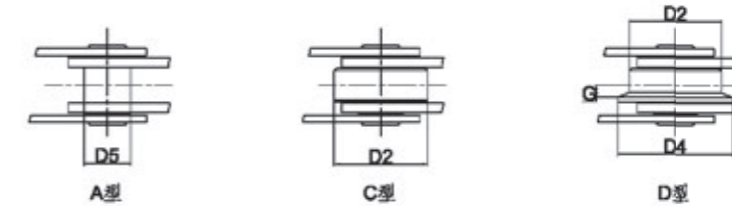
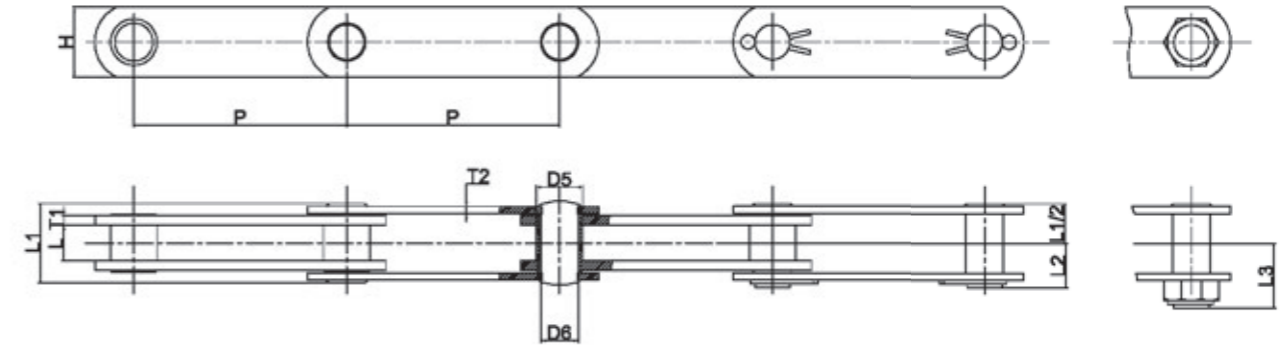
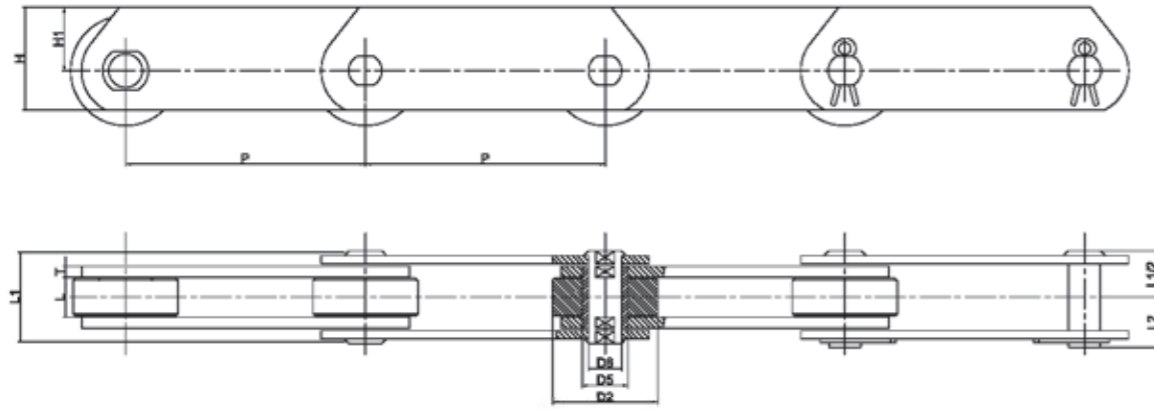
| | | | | | | | | | | | | | | | |
|-------|-----|----|----|-----|-----|------|----|----|------|----|---|----|----|---------|------|
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | 23.5 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | 20.6 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | 17.2 |
| MC224 | 125 | 43 | 60 | 100 | 120 | 10.5 | 42 | 30 | 20.3 | 70 | 8 | 83 | 44 | 224,000 | 32.3 |
| " | 160 | " | " | " | " | " | " | " | " | " | " | " | " | " | 27.1 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | " | " | " | 23.5 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | " | " | " | 20.6 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | " | " | " | 17.2 |

MT/ME SERIES DEEP LINK CHAINS



| Mt/Me Series Deep Link Chain | | | | | | | | | | | | | |
|------------------------------|-----|----|----|----|----|----|------|-----|------|------|---------|--------|--|
| Chain No. | p | L | D2 | D5 | D6 | H | H1 | T | L1 | L2 | Load | Weight | |
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | N | kg/m | |
| ME20 | 40 | 16 | 25 | 9 | 6 | 25 | 16 | 2.5 | 33 | 19 | 20,000 | 3 | |
| " | 50 | " | " | " | " | " | " | " | " | " | " | 2.6 | |
| " | 63 | " | " | " | " | " | " | " | " | " | " | 2.3 | |
| " | 80 | " | " | " | " | " | " | " | " | " | " | 2 | |
| ME28 | 50 | 18 | 30 | 10 | 7 | 30 | 20 | 3 | 36 | 20.5 | 28,000 | 4.1 | |
| " | 63 | " | " | " | " | " | " | " | " | " | " | 3.5 | |
| " | 80 | " | " | " | " | " | " | " | " | " | " | 3.1 | |
| " | 100 | " | " | " | " | " | " | " | " | " | " | 2.8 | |
| ME40 | 63 | 20 | 36 | 11 | 8 | 35 | 22.5 | 4 | 40.5 | 24 | 40,000 | 5.5 | |
| " | 80 | " | " | " | " | " | " | " | " | " | " | 4.8 | |
| " | 100 | " | " | " | " | " | " | " | " | " | " | 4.2 | |
| " | 125 | " | " | " | " | " | " | " | " | " | " | 3.7 | |
| ME56 | 63 | 24 | 42 | 15 | 10 | 45 | 30 | 4 | 45 | 26 | 56,000 | 8.3 | |
| " | 80 | " | " | " | " | " | " | " | " | " | " | 7 | |
| " | 100 | " | " | " | " | " | " | " | " | " | " | 6.1 | |
| " | 125 | " | " | " | " | " | " | " | " | " | " | 5.4 | |
| ME80 | 80 | 28 | 50 | 18 | 12 | 50 | 32.5 | 5 | 54.5 | 30.5 | 80,000 | 11 | |
| " | 100 | " | " | " | " | " | " | " | " | " | " | 9.5 | |
| " | 125 | " | " | " | " | " | " | " | " | " | " | 8.5 | |
| " | 160 | " | " | " | " | " | " | " | " | " | " | 7.2 | |
| " | 200 | " | " | " | " | " | " | " | " | " | " | 6 | |
| ME112 | 80 | 32 | 60 | 21 | 15 | 60 | 40 | 6 | 63 | 36 | 112,000 | 17 | |
| " | 100 | " | " | " | " | " | " | " | " | " | " | 14.5 | |

Z SERIES WITH SOLID PIN CHAINS



| | | | | | | | | | | | | |
|-------|-----|----|----|----|----|----|----|---|----|------|---------|------|
| " | 125 | " | " | " | " | " | " | " | " | " | " | 13 |
| " | 160 | " | " | " | " | " | " | " | " | " | " | 11 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | 10 |
| ME160 | 100 | 37 | 70 | 25 | 18 | 70 | 45 | 7 | 72 | 41.5 | 160,000 | 21.5 |
| " | 125 | " | " | " | " | " | " | " | " | " | " | 19 |
| " | 160 | " | " | " | " | " | " | " | " | " | " | 17 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | 15 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | 13.5 |
| ME224 | 125 | 43 | 85 | 30 | 21 | 90 | 60 | 8 | 84 | 47 | 224,000 | 32.5 |

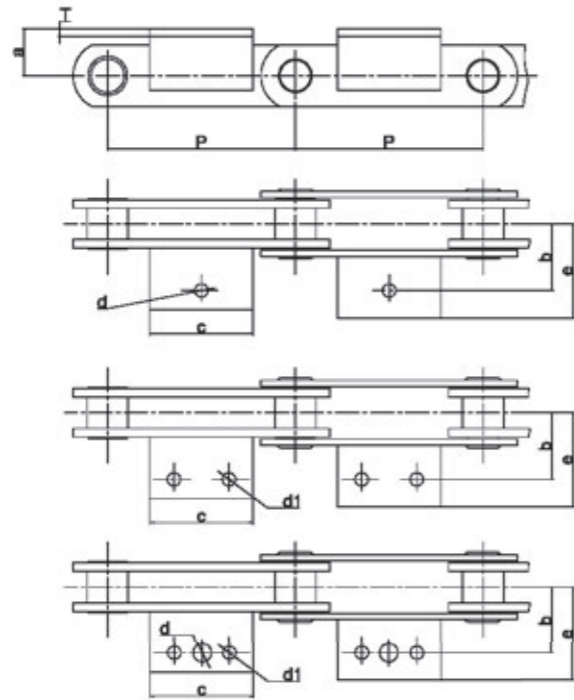
Mt/Me Series Deep Link Chain

| Chain No. | p | L | D2 | D5 | D6 | H | H1 | T | L1 | L2 | Load | Weight |
|-----------|-----|----|-----|----|----|-----|-----|----|-----|------|---------|--------|
| | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | N | kg/m |
| " | 160 | " | " | " | " | " | " | " | " | " | " | 27.5 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | 23 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | 21 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | 19 |
| ME315 | 160 | 48 | 100 | 36 | 25 | 100 | 65 | 10 | 97 | 55 | 315,000 | 43 |
| " | 200 | " | " | " | " | " | " | " | " | " | " | 37 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | 32 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | 28.6 |
| " | 400 | " | " | " | " | " | " | " | " | " | " | 25.5 |
| ME450 | 200 | 56 | 120 | 42 | 30 | 120 | 80 | 12 | 114 | 67 | 450,000 | 47 |
| " | 250 | " | " | " | " | " | " | " | " | " | " | 41 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | 36 |
| " | 400 | " | " | " | " | " | " | " | " | " | " | 32 |
| ME630 | 250 | 66 | 140 | 50 | 36 | 140 | 90 | 14 | 137 | 87.5 | 630,000 | 71 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | 62.5 |
| " | 400 | " | " | " | " | " | " | " | " | " | " | 56 |
| " | 500 | " | " | " | " | " | " | " | " | " | " | 50.6 |
| " | 600 | " | " | " | " | " | " | " | " | " | " | 46.5 |
| ME900 | 250 | 78 | 170 | 60 | 44 | 180 | 120 | 16 | 153 | 95 | 900,000 | 108.5 |
| " | 315 | " | " | " | " | " | " | " | " | " | " | 94.5 |
| " | 400 | " | " | " | " | " | " | " | " | " | " | 82.5 |
| " | 500 | " | " | " | " | " | " | " | " | " | " | 73.8 |
| " | 600 | " | " | " | " | " | " | " | " | " | " | 66.7 |

Z Series With Solid Pin Chain

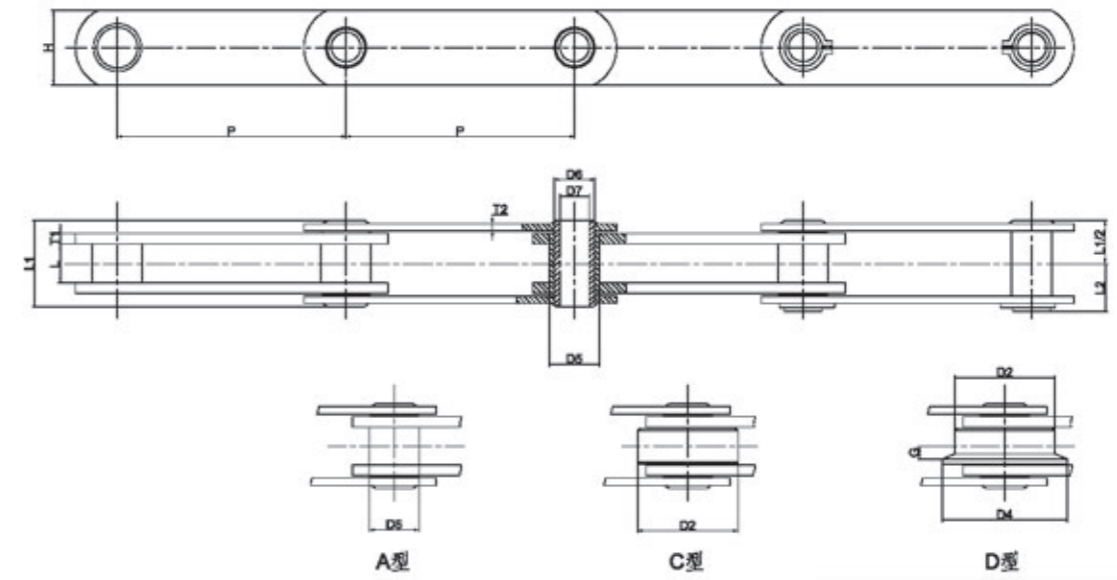
| Chain No. | Load | P | L | D2 | D4 | G | D5 | D6 | H | T1 | T2 | L1 | L2 | L3 | Q |
|-----------|----------|-------|----|-------|-----|-----|----|------|----|----|----|----|------|------|-----|
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | KN |
| Z40 | 7500lbf | 50.8 | 15 | 31.75 | 40 | 2.5 | 17 | 14 | 25 | 4 | 4 | 37 | 22 | 28.5 | 40 |
| " | " | 63.5 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 76.2 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| Z100 | 15000lbf | 76.2 | 19 | 47.5 | 60 | 3.5 | 23 | 19 | 40 | 5 | 4 | 45 | 28 | 37 | 100 |
| " | " | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| Z160 | 30000lbf | 101.6 | 26 | 66.7 | 82 | 3.5 | 33 | 26.9 | 50 | 7 | 5 | 58 | 34.5 | 51 | 160 |
| " | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 228.6 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 254 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| Z300 | 60000lbf | 152.4 | 38 | 88.9 | 114 | 8.5 | 38 | 32 | 60 | 10 | 8 | 84 | 52 | 71 | 300 |
| " | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 254 | " | " | " | " | " | " | " | " | " | " | " | " | " |
| " | " | 304.8 | " | " | " | " | " | " | " | " | " | " | " | " | " |

Z/ZC SERIES ATTACHMENTS



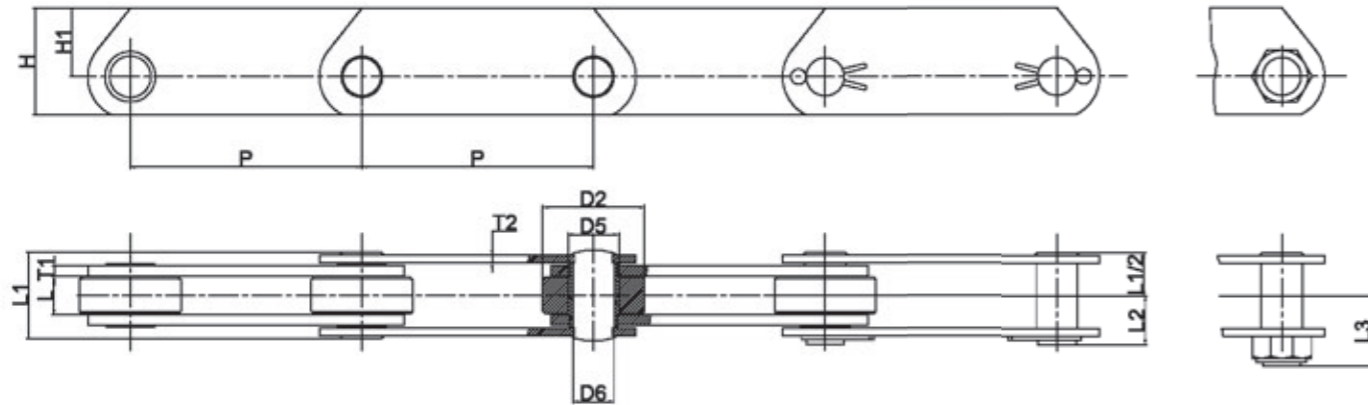
| Z/Zc Series Attachments | | | | | | | | | | |
|-------------------------|----------------|-------|----|------|-------|------|------|------|------|--------------|
| Chain No. | Load | P | a | b | c | d | d1 | e | f | Weight Kg |
| | | mm | mm | mm | mm | mm | mm | mm | mm | |
| Z40/ZC40 | 6000/7500lbf | 50.8 | 19 | 38.1 | 45 | 10.7 | / | 64.5 | / | 0.1 |
| | | 63.5 | " | " | 43 | " | 9.3 | 56 | 22.2 | 0.1 |
| | | 76.2 | " | " | " | " | " | 68 | " | 0.1 |
| | | 88.9 | " | " | 50 | " | " | 56 | 31.8 | 0.1 |
| | | 101.6 | " | " | 64 | " | " | 55 | " | 0.1 |
| | | 127 | " | " | 85 | " | " | 56 | 57.2 | 0.2 |
| Z100/ZC100 | 12000/15000lbf | 152.4 | " | " | 88 | " | " | " | " | 0.2 |
| | | 76.2 | 32 | 44.5 | 30 | 14 | / | 65 | / | 0.1 |
| | | 88.9 | " | " | " | " | / | " | / | 0.1 |
| | | 101.6 | " | " | 64 | " | 10.5 | " | 31.8 | 0.1 |
| | | 127 | " | " | 84 | " | " | " | 57.2 | 0.3 |
| | | 152.4 | " | " | 114.5 | " | " | " | " | 0.3 |
| Z160/ZC160 | 24000/30000lbf | 177.8 | " | " | 110 | " | " | " | 80 | 0.4 |
| | | 203.2 | " | " | " | " | " | " | " | 0.4 |
| | | 101.6 | 38 | 54 | 35 | 15.5 | / | 77 | / | 0.2 |
| | | 127 | " | " | 56 | " | 12.3 | " | 31.7 | 0.3 |
| | | 152.4 | " | " | 84 | " | " | " | 57.2 | 0.4 |
| | | 177.8 | " | " | " | " | " | " | " | 0.4 |
| Z300/ZC300 | 36000/45000lbf | 203.2 | " | " | 130 | " | " | " | 100 | 0.6 |
| | | 228.6 | " | " | 150 | " | " | " | " | 0.7 |
| | | 254 | " | " | 170 | " | " | " | 135 | 0.7 |
| | | 152.4 | 51 | 73 | 70 | 17 | / | 100 | 38.1 | 0.5 |
| | | 177.8 | " | " | " | " | / | " | " | 0.5 |
| | | 203.2 | " | " | 100 | " | 14 | " | 76.2 | 0.7 |
| | | 254 | " | " | 152.4 | " | " | " | 90 | 0.9 |
| | | 304.8 | " | " | 225 | " | " | " | 190 | 1.6 |

ZC SERIES WITH HOLLOW PIN CHAINS



| ZC series with hollow pin chain | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------|------|-------|------|-------|-----|-----|----|------|------|----|-----|-----|------|------|-----|--------|------|
| Chain No. | Load | P | | L | D2 | D4 | G | D5 | D6 | D7 | H | T1 | T2 | L1 | L2 | Q | Weight | |
| | | inch | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | KN | Kg/m |
| ZC21 | 4500lbf | 1.5 | 38.1 | 12.7 | 25.4 | / | / | 11 | 9 | 6.5 | 18 | 2.5 | 2.5 | 26 | 14.5 | 21 | 2.1 | |
| | | 2 | 50.8 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 1.7 |
| | | 2.5 | 63.5 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 1.6 |
| ZC40 | 6000lbf | 3 | 76.2 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 1.4 |
| | | 2 | 50.8 | 15 | 31.75 | 40 | 2.5 | 17 | 14 | 10.2 | 25 | 4 | 4 | 36.4 | 19.5 | 40 | 3.6 | |
| | | 2.5 | 63.5 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 3.3 |
| | | 3 | 76.2 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 3 |
| | | 3.5 | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 2.8 |
| | | 4 | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| ZC60 | 12000lbf | 5 | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 2.4 |
| | | 6 | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 2.3 |
| | | 3 | 76.2 | 19 | 47.5 | 60 | 3.5 | 23 | 19 | 13.2 | 40 | 5 | 4 | 45 | 23.5 | 60 | 6.9 | |
| | | 3.5 | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 6.4 |
| | | 4 | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 5.9 |
| | | 5 | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | " |
| ZC150 | 24000lbf | 7 | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.6 |
| | | 8 | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 4.4 |
| | | 4 | 101.6 | 26 | 66.7 | 82 | 4 | 33 | 26.9 | 20.2 | 50 | 7 | 5 | 58 | 31.5 | 150 | 12 | |
| | | 5 | 127 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 10.8 |
| | | 6 | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 9.8 |
| | | 7 | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 9 |
| ZC300 | 36000lbf | 8 | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 8.5 |
| | | 9 | 228.6 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 8.2 |
| | | 10 | 254 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 7.7 |
| | | 6 | 152.4 | 38 | 88.9 | 114 | 8.5 | 38 | 32 | 22.5 | 60 | 10 | 8 | 83 | 43.5 | 300 | 22.1 | |
| | | 7 | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 20 |
| | | 8 | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 18.6 |
| | | 10 | 254 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 16.4 |
| | | 12 | 304.8 | " | " | " | " | " | " | " | " | " | " | " | " | " | " | 15.3 |

ZE SERIES DEEP LINK CHAINS



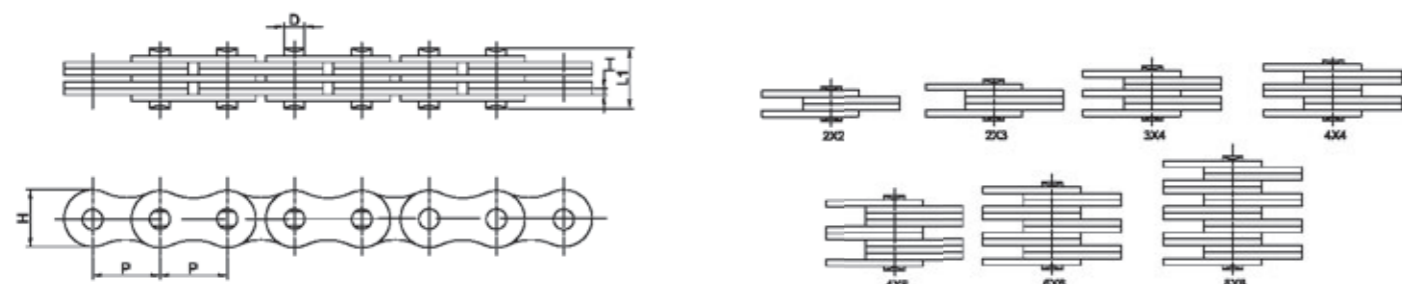
| ZE series deep link chain | | | | | | | | | | | | | | | |
|---------------------------|----------|-------|----|-------|----|------|----|----|----|----|----|------|------|-----|--------|
| Chain No. | Load | P | L | D2 | D5 | D6 | H | H1 | T1 | T2 | L1 | L2 | L3 | Q | Weight |
| | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | KN | Kg/m |
| ZE40 | 7500lbf | 50.8 | 15 | 31.75 | 17 | 14 | 40 | 27 | 4 | 4 | 37 | 22 | 28.5 | 40 | 5.6 |
| | " | 63.5 | " | " | " | " | " | " | " | " | " | " | " | " | 5.1 |
| | " | 76.2 | " | " | " | " | " | " | " | " | " | " | " | " | 4.4 |
| | " | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | 4.1 |
| | " | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | 3.9 |
| | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | 3.6 |
| ZE100 | 15000lbf | 76.2 | 19 | 47.5 | 23 | 19 | 50 | 30 | 5 | 4 | 45 | 28 | 37 | 100 | 9.2 |
| | " | 88.9 | " | " | " | " | " | " | " | " | " | " | " | " | 8.5 |
| | " | 101.6 | " | " | " | " | " | " | " | " | " | " | " | " | 7.8 |
| | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | 6.9 |
| | " | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | 6.4 |
| | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | 6 |
| ZE160 | 30000lbf | 101.6 | 26 | 66.7 | 33 | 26.9 | 70 | 45 | 7 | 5 | 58 | 34.5 | 51 | 160 | 17.6 |
| | " | 127 | " | " | " | " | " | " | " | " | " | " | " | " | 15.4 |
| | " | 152.4 | " | " | " | " | " | " | " | " | " | " | " | " | 13.9 |
| | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | 12.9 |
| | " | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | 12.1 |
| | " | 228.6 | " | " | " | " | " | " | " | " | " | " | " | " | 11.5 |
| ZE300 | 60000lbf | 152.4 | 38 | 88.9 | 38 | 32 | 90 | 60 | 10 | 8 | 84 | 52 | 71 | 300 | 32.2 |
| | " | 177.8 | " | " | " | " | " | " | " | " | " | " | " | " | 29.4 |
| | " | 203.2 | " | " | " | " | " | " | " | " | " | " | " | " | 27.3 |
| | " | 254 | " | " | " | " | " | " | " | " | " | " | " | " | 24.4 |
| | " | 304.8 | " | " | " | " | " | " | " | " | " | " | " | " | 22.5 |

LEAF CHAINS



LEAF CHAINS

LH/BL SERIES LEAF CHAINS (ANSI B29.8, ISO 4347, DIN 8152)



LH/BL Series Leaf Chain (ANSI B29.8, ISO 4347, DIN 8152)

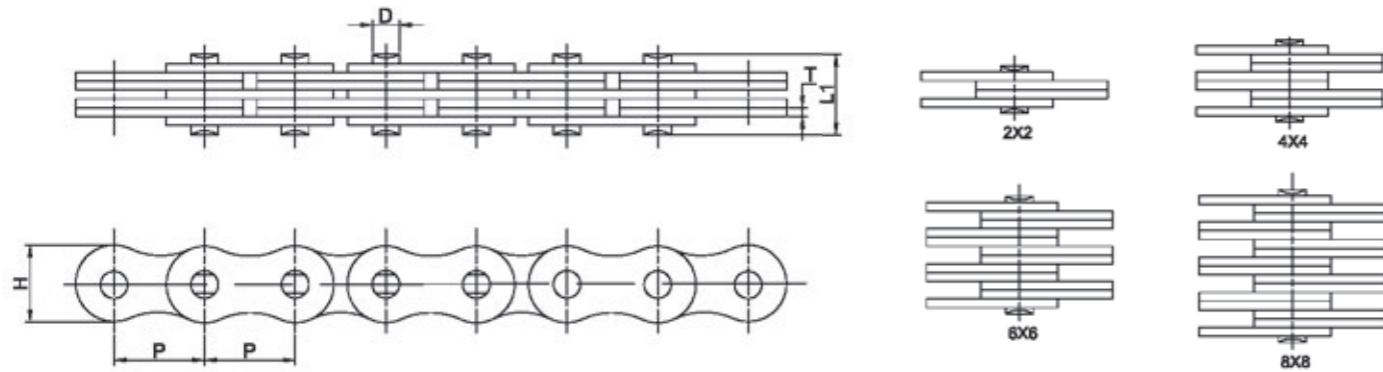
| ISO CAIN No. | ANSI CAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|--------------|---------------|------------------|--------------|-------------------------|----------------------------|-----------------|-------------------|--------------------------------|--------------------------------|------------------------|
| | | | | | | Dia. D mm | Length L mm | | | |
| | | | | | | | | | | |
| LH0822 | BL422 | 12.700 | 2X2 | 12.07 | 2.08 | 5.09 | 11.05 | 22.20 | 27.60 | 0.64 |
| LH0823 | BL423 | | 2X3 | | | | 13.16 | 22.20 | 27.60 | 0.80 |
| LH0834 | BL434 | | 3X4 | | | | 17.40 | 33.40 | 41.40 | 1.12 |
| LH0844 | BL444 | | 4X4 | | | | 19.51 | 44.50 | 56.00 | 1.28 |
| LH0846 | BL446 | | 4X6 | | | | 23.75 | 44.50 | 56.00 | 1.60 |
| LH0866 | BL466 | | 6X6 | | | | 27.99 | 66.70 | 81.70 | 1.92 |
| LH0888 | BL488 | | 8X8 | | | | 36.45 | 89.00 | 109.40 | 2.56 |
| LH1022 | BL522 | 15.875 | 2X2 | 15.09 | 2.44 | 5.96 | 12.90 | 33.40 | 43.10 | 0.88 |
| LH1023 | BL523 | | 2X3 | | | | 15.37 | 33.40 | 43.10 | 1.10 |
| LH1034 | BL534 | | 3X4 | | | | 20.32 | 48.90 | 65.60 | 1.50 |
| LH1044 | BL544 | | 4X4 | | | | 22.78 | 66.70 | 84.50 | 1.80 |
| LH1046 | BL546 | | 4X6 | | | | 27.74 | 66.70 | 84.50 | 2.20 |
| LH1066 | BL566 | | 6X6 | | | | 32.69 | 100.10 | 125.10 | 2.65 |
| LH1088 | BL588 | | 8X8 | | | | 42.57 | 133.40 | 169.50 | 3.50 |
| LH1222 | BL622 | 19.050 | 2X2 | 18.11 | 3.3 | 7.97 | 17.37 | 48.90 | 63.60 | 1.45 |
| LH1223 | BL623 | | 2X3 | | | | 20.73 | 48.90 | 63.60 | 1.80 |
| LH1234 | BL634 | | 3X4 | | | | 27.43 | 75.60 | 102.80 | 2.50 |
| LH1244 | BL644 | | 4X4 | | | | 30.78 | 97.90 | 120.90 | 2.90 |
| LH1246 | BL646 | | 4X6 | | | | 37.49 | 97.90 | 120.90 | 3.60 |
| LH1266 | BL666 | | 6X6 | | | | 44.20 | 146.80 | 190.80 | 4.30 |
| LH1288 | BL688 | | 8X8 | | | | 57.61 | 195.70 | 238.80 | 5.80 |
| LH1622 | BL822 | 25.400 | 2X2 | 24.13 | 4.09 | 9.54 | 21.34 | 84.50 | 108.20 | 2.20 |
| LH1623 | BL823 | | 2X3 | | | | 25.48 | 84.50 | 108.20 | 2.70 |
| LH1634 | BL834 | | 3X4 | | | | 33.76 | 129.00 | 170.00 | 3.80 |
| LH1644 | BL844 | | 4X4 | | | | 37.90 | 169.00 | 214.60 | 4.30 |

LH/BL Series Leaf Chain (ANSI B29.8, ISO 4347, DIN 8152)

| ISO CAIN No. | ANSI CAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|--------------|---------------|------------------|--------------|-------------------------|----------------------------|-----------------|-------------------|--------------------------------|--------------------------------|------------------------|
| | | | | | | Dia. D mm | Length L mm | | | |
| | | | | | | | | | | |
| LH1646 | BL846 | | 4X6 | | | | 46.18 | 169.00 | 214.60 | 5.40 |
| LH1666 | BL866 | | 6X6 | | | | 54.46 | 253.00 | 324.50 | 6.50 |
| LH1688 | BL888 | | 8X8 | | | | 71.02 | 338.10 | 432.70 | 8.60 |
| LH2022 | BL1022 | 31.750 | 2X2 | 30.18 | 4.9 | 11.11 | 25.37 | 115.60 | 150.80 | 3.40 |
| LH2023 | BL1023 | | 2X3 | | | | 30.33 | 115.60 | 150.80 | 4.30 |
| LH2034 | BL1034 | | 3X4 | | | | 40.23 | 182.40 | 231.60 | 6.00 |
| LH2044 | BL1044 | | 4X4 | | | | 45.19 | 231.30 | 291.40 | 6.90 |
| LH2046 | BL1046 | | 4X6 | | | | 55.09 | 231.30 | 291.40 | 8.60 |
| LH2066 | BL1066 | | 6X6 | | | | 65.00 | 347.00 | 430.30 | 10.30 |
| LH2088 | BL1088 | | 8X8 | | | | 84.81 | 462.60 | 555.10 | 13.80 |
| LH2422 | BL1222 | 38.100 | 2X2 | 36.2 | 5.77 | 12.71 | 29.62 | 151.20 | 192.00 | 4.60 |
| LH2423 | BL1223 | | 2X3 | | | | 35.43 | 151.20 | 192.00 | 5.80 |
| LH2434 | BL1234 | | 3X4 | | | | 47.07 | 244.60 | 315.90 | 8.10 |
| LH2444 | BL1244 | | 4X4 | | | | 52.88 | 302.50 | 381.10 | 9.30 |
| LH2446 | BL1246 | | 4X6 | | | | 64.52 | 302.50 | 381.10 | 11.60 |
| LH2466 | BL1266 | | 6X6 | | | | 76.15 | 453.70 | 543.60 | 13.90 |
| LH2488 | BL1288 | | 8X8 | | | | 99.42 | 605.00 | 726.00 | 18.60 |
| LH2822 | BL1422 | 44.450 | 2X2 | 42.24 | 6.55 | 14.29 | 33.55 | 191.30 | 225.70 | 6.10 |
| LH2823 | BL1423 | | 2X3 | | | | 40.16 | 191.30 | 225.70 | 7.60 |
| LH2834 | BL1434 | | 3X4 | | | | 53.37 | 315.80 | 372.60 | 10.60 |
| LH2844 | BL1444 | | 4X4 | | | | 59.97 | 382.60 | 451.20 | 12.20 |
| LH2846 | BL1446 | | 4X6 | | | | 73.18 | 382.60 | 451.20 | 15.20 |
| LH2866 | BL1466 | | 6X6 | | | | 86.39 | 578.30 | 682.40 | 18.20 |
| LH2888 | BL1488 | | 8X8 | | | | 112.80 | 765.10 | 902.80 | 24.30 |
| LH3222 | BL1622 | 50.800 | 2X2 | 48.26 | 7.52 | 17.46 | 39.01 | 289.10 | 341.10 | 8.00 |
| LH3223 | BL1623 | | 2X3 | | | | 46.58 | 289.10 | 341.10 | 10.00 |
| LH3234 | BL1634 | | 3X4 | | | | 61.72 | 440.40 | 519.60 | 14.00 |
| LH3244 | BL1644 | | 4X4 | | | | 69.29 | 578.30 | 680.40 | 16.00 |
| LH3246 | BL1646 | | 4X6 | | | | 84.43 | 578.30 | 680.40 | 20.00 |
| LH3266 | BL1666 | | 6X6 | | | | 99.57 | 857.40 | 1000.70 | 24.00 |
| LH3288 | BL1688 | | 8X8 | | | | 129.84 | 1156.50 | 1364.60 | 32.00 |
| LH4022 | BL2022 | 63.500 | 2X2 | 60.33 | 9.91 | 23.81 | 51.74 | 433.70 | 511.70 | 15.80 |
| LH4023 | BL2023 | | 2X3 | | | | 61.70 | 433.70 | 511.70 | 19.80 |
| LH4034 | BL2034 | | 3X4 | | | | 81.61 | 649.40 | 766.20 | 27.70 |
| LH4044 | BL2044 | | 4X4 | | | | 91.57 | 867.40 | 1023.50 | 31.60 |
| LH4046 | BL2046 | | 4X6 | | | | 111.48 | 867.40 | 1023.50 | 39.50 |
| LH4066 | BL2066 | | 6X6 | | | | 131.39 | 1301.10 | 1535.20 | 47.40 |
| LH4088 | BL2088 | | 8X8 | | | | 171.22 | 1734.80 | 2046.50 | 63.20 |

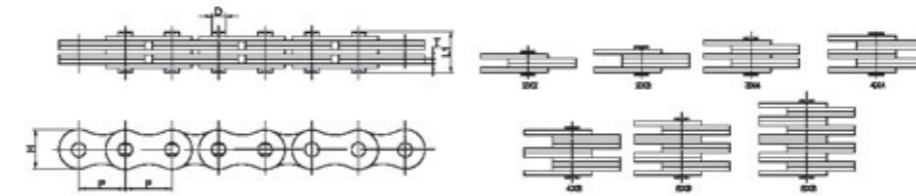
LL/EL SERIES LEAF CHAINS

(ANSI B29.8-1958, ISO4347)



| ISO CAIN No. | ANSI CAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|--------------|---------------|------------------|--------------|-------------------------|----------------------------|-----------------|-------------------|--------------------------------|--------------------------------|------------------------|
| | | | | | | Dia. D mm | Length L mm | | | |
| | | | | | | | | | | |
| LL0822 | EL0422 | 12.700 | 2X2 | 10.6 | 1.3 | 4.45 | 7.60 | 17.80 | 20.40 | 0.35 |
| LL0844 | EL0444 | | 4X4 | | | | 13.00 | 31.10 | 35.70 | 0.69 |
| LL0866 | EL0466 | | 6X6 | | | | 18.20 | 44.50 | 50.90 | 1.00 |
| LL0888 | EL0488 | | 8X8 | | | | 23.50 | 62.20 | 71.20 | 1.33 |
| LL1022 | EL0522 | 15.875 | 2X2 | 13.7 | 1.6 | 5.08 | 9.20 | 22.30 | 25.50 | 0.54 |
| LL1044 | EL0544 | | 4X4 | | | | 15.80 | 44.50 | 51.00 | 1.06 |
| LL1066 | EL0566 | | 6X6 | | | | 22.10 | 66.70 | 76.30 | 1.57 |
| LL1088 | EL0588 | | 8X8 | | | | 28.80 | 89.00 | 101.90 | 2.10 |
| LL1222 | EL0622 | 19.050 | 2X2 | 16 | 1.85 | 5.72 | 10.40 | 28.90 | 33.20 | 0.73 |
| LL1244 | EL0644 | | 4X4 | | | | 17.90 | 57.80 | 66.40 | 1.44 |
| LL1266 | EL0666 | | 6X6 | | | | 25.40 | 86.70 | 99.70 | 2.15 |
| LL1288 | EL0688 | | 8X8 | | | | 32.90 | 115.60 | 132.90 | 2.84 |
| LL1622 | EL0822 | 25.400 | 2X2 | 21 | 3.1 | 8.28 | 17.20 | 58.00 | 66.70 | 1.52 |
| LL1644 | EL0844 | | 4X4 | | | | 29.60 | 144.00 | 164.60 | 2.90 |
| LL1666 | EL0866 | | 6X6 | | | | 42.40 | 200.00 | 230.00 | 4.30 |
| LL1688 | EL0888 | | 8X8 | | | | 55.40 | 288.00 | 331.20 | 5.71 |
| LL2022 | EL1022 | 31.750 | 2X2 | 26.4 | 3.7 | 10.19 | 20.10 | 95.00 | 109.20 | 2.33 |
| LL2044 | EL1044 | | 4X4 | | | | 33.80 | 190.00 | 218.50 | 4.40 |
| LL2066 | EL1066 | | 6X6 | | | | 50.10 | 285.00 | 324.60 | 6.79 |
| LL2088 | EL1088 | | 8X8 | | | | 65.40 | 380.00 | 435.10 | 8.75 |
| LL2422 | EL1222 | 38.100 | 2X2 | 33.4 | 5 | 14.63 | 28.40 | 170.00 | 195.50 | 4.47 |
| LL2444 | EL1244 | | 4X4 | | | | 46.30 | 340.00 | 380.80 | 8.22 |
| LL2466 | EL1266 | | 6X6 | | | | 66.40 | 510.00 | 571.20 | 12.22 |
| LL2488 | EL1288 | | 8X8 | | | | 86.60 | 680.00 | 775.20 | 16.30 |
| LL2822 | EL1422 | 44.450 | 2X2 | 37.08 | 6 | 15.9 | 32.20 | 200.00 | 224.00 | 5.10 |
| LL2844 | EL1444 | | 4X4 | | | | 56.40 | 400.00 | 448.00 | 9.90 |
| LL2866 | EL1466 | | 6X6 | | | | 80.60 | 600.00 | 672.00 | 14.60 |
| LL2888 | EL1488 | | 8X8 | | | | 105.20 | 800.00 | 896.00 | 19.40 |
| LL3222 | EL1622 | 50.800 | 2X2 | 42 | 6 | 17.81 | 33.20 | 260.00 | 291.20 | 5.80 |
| LL3244 | EL1644 | | 4X4 | | | | 57.40 | 520.00 | 582.40 | 11.40 |
| LL3266 | EL1666 | | 6X6 | | | | 81.60 | 780.00 | 873.60 | 16.90 |
| LL3288 | EL1688 | | 8X8 | | | | 105.00 | 1050.00 | 1176.00 | 24.00 |
| LL4022 | EL2022 | 63.500 | 2X2 | 52.76 | 8.25 | 22.89 | 44.70 | 360.00 | 403.20 | 10.30 |
| LL4044 | EL2044 | | 4X4 | | | | 77.90 | 780.00 | 873.60 | 20.00 |

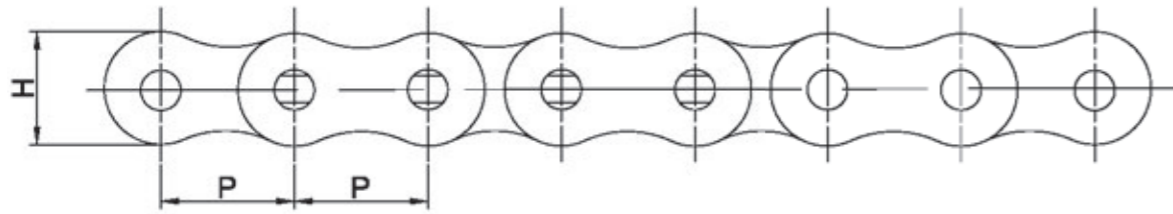
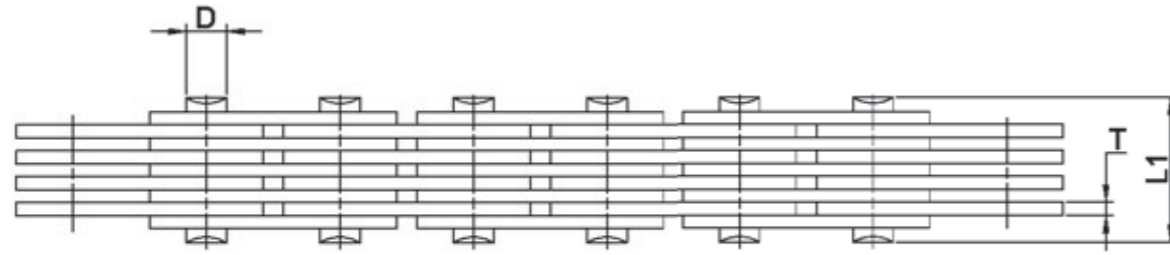
| ISO CAIN No. | ANSI CAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|--------------|---------------|------------------|--------------|-------------------------|----------------------------|-----------------|-------------------|--------------------------------|--------------------------------|------------------------|
| | | | | | | Dia. D mm | Length L mm | | | |
| | | | | | | | | | | |
| LL4066 | EL2066 | | 6X6 | | | | 111.10 | 1080.00 | 1209.60 | 29.50 |
| LL4088 | EL2088 | | 8X8 | | | | 145.50 | 1560.00 | 1747.20 | 39.10 |
| LL4822 | EL2422 | 76.200 | 2X2 | 63.88 | 10.3 | 29.24 | 56.10 | 560.00 | 627.20 | 18.50 |
| LL4844 | EL2444 | | 4X4 | | | | 97.40 | 1120.00 | 1554.40 | 35.70 |
| LL4866 | EL2466 | | 6X6 | | | | 138.90 | 1168.00 | 1308.10 | 53.00 |
| LL4888 | EL2488 | | 8X8 | | | | 182.40 | 2240.00 | 2508.80 | 70.40 |



AL SERIES LEAF CHAINS

| ANSI CAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|---------------|------------------|--------------|-------------------------|----------------------------|-----------------|-------------------|--------------------------------|--------------------------------|------------------------|
| | | | | | Dia. D mm | Length L mm | | | |
| | | | | | | | | | |
| AL322 | 9.525 | 2X2 | 7.7 | 1.3 | 3.58 | 6.8 | 9 | 10.2 | 0.23 |
| AL422 | 12.700 | 2X2 | 10.4 | 1.5 | 3.96 | 7.90 | 14.10 | 16.90 | 0.39 |
| AL444 | | 4X4 | | | | 14.40 | 28.20 | 35.20 | 0.74 |
| AL466 | | 6X6 | | | | 20.50 | 42.30 | 52.70 | 1.10 |
| AL522 | 15.875 | 2X2 | 12.8 | 2.03 | 5.08 | 10.30 | 22.00 | 27.50 | 0.61 |
| AL534 | | 3X4 | | | | 17.00 | 33.00 | 46.00 | 1.10 |
| AL544 | | 4X4 | | | | 18.90 | 44.00 | 55.00 | 1.19 |
| AL566 | | 6X6 | | | | 26.90 | 66.00 | 82.50 | 1.79 |
| AL622 | 19.050 | 2X2 | 15.6 | 2.42 | 5.94 | 12.40 | 37.00 | 44.40 | 0.86 |
| AL644 | | 4X4 | | | | 22.70 | 64.00 | 78.80 | 1.69 |
| AL666 | | 6X6 | | | | 32.40 | 101.00 | 118.60 | 2.52 |
| AL822 | 25.400 | 2X2 | 20.5 | 3.25 | 7.92 | 16.00 | 56.70 | 68.60 | 1.54 |
| AL844 | | 4X4 | | | | 29.40 | 113.40 | 135.60 | 3.00 |
| AL888 | | 6X6 | | | | 42.50 | 170.00 | 202.30 | 4.46 |
| AL1022 | 31.750 | 2X2 | 25.6 | 4 | 9.53 | 19.60 | 88.50 | 107.10 | 2.37 |
| AL1044 | | 4X4 | | | | 35.90 | 177.00 | 203.60 | 4.68 |
| AL1066 | | 6X6 | | | | 52.30 | 265.00 | 315.30 | 7.00 |
| AL1222 | 38.100 | 2X2 | 30.5 | 4.8 | 11.1 | 24.30 | 127.00 | 151.10 | 3.65 |
| AL1244 | | 4X4 | | | | 43.80 | 254.00 | 299.70 | 7.05 |
| AL1266 | | 6X6 | | | | 63.00 | 381.00 | 426.30 | 10.44 |
| AL1444 | 44.450 | 4X4 | 36.4 | 5.6 | 12.64 | 51.30 | 372.70 | 413.60 | 10.34 |
| AL1466 | | 6X6 | | | | 74.56 | 559.00 | 620.40 | 15.16 |
| AL1644 | 50.800 | 4X4 | 41.6 | 6.4 | 14.21 | 58.06 | 471.00 | 522.80 | 12.98 |
| AL1666 | | 6X6 | | | | 84.46 | 706.00 | 783.60 | 19.41 |

FLC SERIES LEAF CHAINS



FLC Series Leaf Chain

| ANSI CHAIN No. | Pitch P mm | Chain lacing | Plate Height H mm | Plate Thickness T mm | Pin | | Minimum Tensile Strength KN | Average Tensile Strength KN | Mass Per meter kg/m |
|----------------------|------------------|-----------------|----------------------------|-------------------------------|---------|---------|--------------------------------------|--------------------------------------|------------------------------|
| | | | | | Dia. | Length | | | |
| | | | | | D mm | L mm | | | |
| FL644 | 19.05 | 4X4 | 4.70 | 0.60 | 1.85 | 6.60 | 6.50 | 7.80 | 0.13 |
| FL666 | 19.05 | 6X6 | 4.70 | 0.60 | 1.85 | 9.30 | 9.75 | 11.80 | 0.20 |
| FL688 | 19.05 | 8X8 | 4.70 | 0.60 | 1.85 | 12.00 | 13.00 | 15.60 | 0.25 |
| FL844 | 25.4 | 4X4 | 6.90 | 0.73 | 2.31 | 7.90 | 10.00 | 12.10 | 0.25 |
| FL944 | 9.525 | 4X4 | 8.70 | 1.04 | 3.28 | 10.40 | 21.00 | 24.70 | 0.43 |
| FL966 | 9.525 | 6X6 | 8.70 | 1.00 | 3.28 | 14.90 | 31.00 | 36.80 | 0.65 |
| FL1222 | 38.1 | 2X2 | 8.20 | 1.00 | 3.58 | 7.00 | 11.43 | 13.60 | 0.19 |
| FL1223 | 38.1 | 2X3 | 10.20 | 2.03 | 4.45 | 12.80 | 20.00 | 23.80 | 0.61 |
| FL1244 | 38.1 | 4X4 | 10.20 | 1.70 | 4.45 | 16.70 | 44.00 | 52.30 | 0.83 |

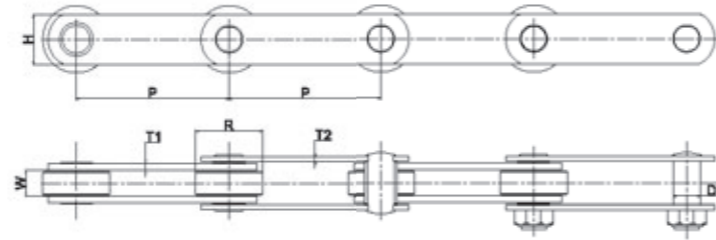
INDUSTRIES

PALM OIL | SUGAR | TIMBER | MINING | CEMENT



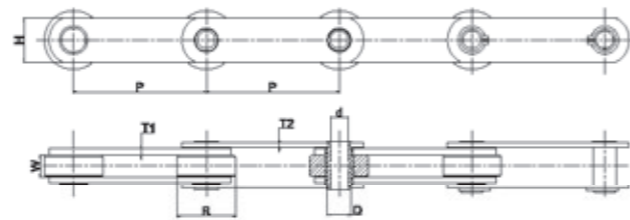
PALM OIL CHAINS

SOLID PIN CONVEYOR CHAIN (RIVETED PIN TYPE)

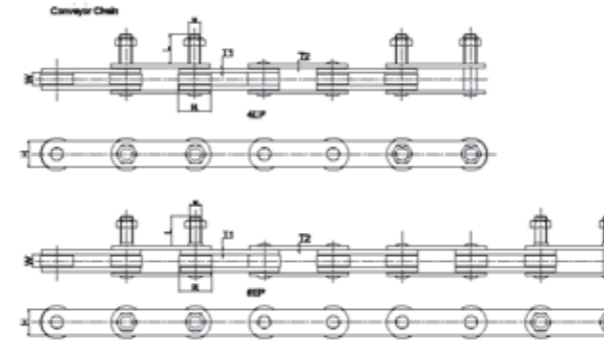


| Solid Pin Conveyor Chain | | | | | | | | | | |
|--------------------------|-------|---------------|------------|--------------|--------|-------------------|----|----------|------|----------------|
| Chain Number | Pitch | Breaking Load | Roller Dia | Inside Width | Height | Sidebar Thickness | | Pin Dia. | | Average Weight |
| | P | | | | | T1 | T2 | D | d | |
| | mm | | | | | mm | mm | mm | mm | |
| MK P4SP22 | 101.6 | 22000 | 47.6 | 19.0 | 38.1 | 5 | 4 | 19.0 | 13.2 | 6.5 |
| MK P4SP30 | 101.6 | 30000 | 47.6 | 19.0 | 38.1 | 5 | 5 | 19.0 | 13.2 | 7.0 |
| MK P4SP40 | 101.6 | 40000 | 66.7 | 25.4 | 50.8 | 7 | 5 | 26.9 | 20.1 | 15.2 |
| MK P6SP40 | 152.4 | 40000 | 66.7 | 25.4 | 50.8 | 7 | 5 | 26.9 | 20.1 | 10.1 |
| MK P6SP70 | 152.4 | 70000 | 88.9 | 38.1 | 61.0 | 10 | 8 | 32.0 | 25.1 | 25.1 |
| HEAVY DUTY FFB CHAINS | | | | | | | | | | |
| MK P6SP55-HD | 152.4 | 55000 | 66.7 | 25.4 | 50.8 | 8 | 8 | 26.9 | 20.1 | 13.6 |
| MK P6SP65-HD | 152.4 | 65000 | 66.7 | 25.4 | 50.8 | 9 | 8 | 26.9 | 20.1 | 14.2 |
| MK P6SP80-HD | 152.4 | 80000 | 88.9 | 38.1 | 61.0 | 10 | 8 | 32.0 | 25.1 | 25.1 |

HOLLOW PIN CONVEYOR CHAIN

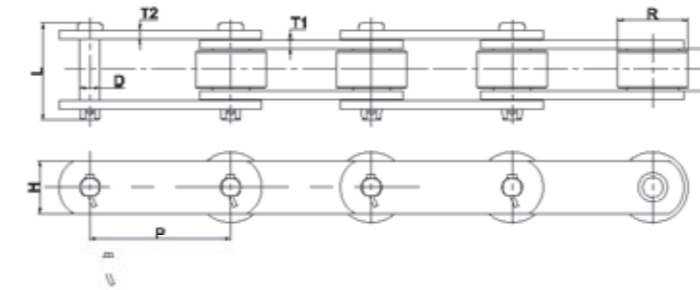


| Hollow Pin Conveyor Chain | | | | | | | | | | |
|---------------------------|-------|---------------|-------------|--------------|--------|-------------------|----|---------------|------|----------------|
| Chain Number | Pitch | Breaking Load | Roller Dia. | Inside Width | Height | Sidebar Thickness | | Pin/Bore Dia. | | Average Weight |
| | P | | | | | T1 | T2 | D | d | |
| | mm | | | | | mm | mm | mm | mm | |
| MK P4HP18 | 101.6 | 18000 | 47.6 | 19.0 | 38.1 | 5 | 4 | 19.0 | 13.2 | 6.1 |
| MK P6HP36 | 152.4 | 36000 | 66.7 | 25.4 | 50.8 | 7 | 5 | 26.9 | 20.1 | 10.6 |
| MK P4HP26-HT | 101.6 | 26000 | 47.6 | 19 | 38.1 | 5 | 5 | 19 | 13.2 | 6.8 |
| ENHANCED FFB CHAIN | | | | | | | | | | |
| MK P6HP45-HT | 152.4 | 45000 | 66.7 | 25.4 | 50.8 | 8 | 8 | 26.9 | 20.1 | 13.2 |
| MK P6HP50-HT | 152.4 | 50000 | 66.7 | 25.4 | 50.8 | 9 | 8 | 26.9 | 20.1 | 14 |



EXTENDED PIN CONVEYOR CHAIN

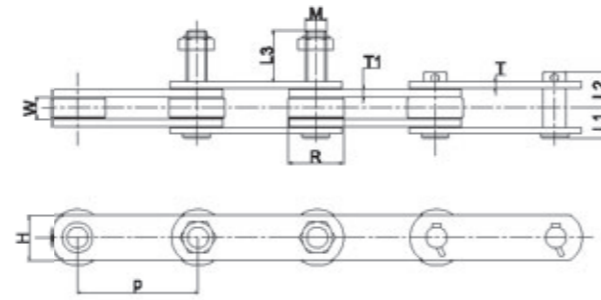
| Extended Pin Conveyor Chain | | | | | | | | | | |
|-----------------------------|-----------------------|-------|---------------|-------------|--------------|--------|-------------------|----|-----|--------|
| Chain Number | Extended Pin Quantity | Pitch | Breaking Load | Roller Dia. | Inside Width | Height | Sidebar Thickness | | Pin | |
| | | P | | | | | T1 | T2 | L | M |
| | | mm | | | | | mm | mm | mm | mm |
| MK P4EP22 | 4EP 6EP | 101.6 | 22000 | 47.6 | 19.0 | 38.1 | 5 | 4 | 40 | M16 |
| MK P6EP40 | 4EP 6EP | 152.4 | 40000 | 66.7 | 25.4 | 50.8 | 7 | 5 | 50 | M20/24 |
| HEAVY DUTY CHAINS | | | | | | | | | | |
| MK P4EP30-HD | 4EP 6EP | 101.6 | 30000 | 47.6 | 19 | 38.1 | 5 | 5 | 40 | M16 |
| MK P6EP55-HD | 4EP 6EP | 152.4 | 55000 | 66.7 | 25.4 | 50.8 | 8 | 8 | 50 | M24 |
| MK P6EP65-HD | 4EP 6EP | 152.4 | 65000 | 66.7 | 25.4 | 50.8 | 9 | 8 | 50 | 24 |
| MK P6EP80-HD | 4EP 6EP | 152.4 | 80000 | 88.9 | 38.1 | 61.0 | 10 | 8 | 50 | M20/24 |



SOLID PIN CONVEYOR CHAIN (TEE PIN TYPE)

| Solid Pin Conveyor Chain | | | | | | | | | | |
|--------------------------|-------|---------------|-------------|--------------|--------|-------------------|-----|----------|------------|----------------|
| Chain Number | Pitch | Breaking Load | Roller Dia. | Inside Width | Height | Sidebar Thickness | | Pin Dia. | Pin Length | Average Weight |
| | P | | | | | T1 | T2 | | | |
| | mm | | | | | mm | mm | | | |
| MK 90R-SWR | 101.6 | 30000 | 47.6 | 21.4 | 31.8 | 4.8 | 4.8 | 11.32 | 53.5 | 6.1 |
| MK 94R-P | 101.6 | 55000 | 50.8 | 30.0 | 38.1 | 6.3 | 6.3 | 14.5 | 68.8 | 7 |
| MK 94R-SWR | 101.6 | 55000 | 50.8 | 30.0 | 38.1 | 6.3 | 6.3 | 14.5 | 68.8 | 10 |
| MK 604R-P | 152.4 | 55000 | 50.8 | 30.0 | 38.1 | 6.3 | 6.3 | 14.5 | 68.8 | 5.5 |
| MK 604R-SWR | 152.4 | 55000 | 50.8 | 30.0 | 38.1 | 6.3 | 6.3 | 14.5 | 68.8 | 7.9 |
| MK 9503-S | 76.7 | 38000 | 29.0 | 30.0 | 38.1 | 6.3 | 6.3 | 14.5 | 68.8 | 9.4 |

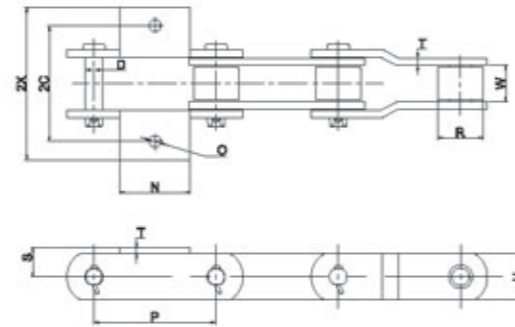
EXTENDED PIN CONVEYOR CHAIN



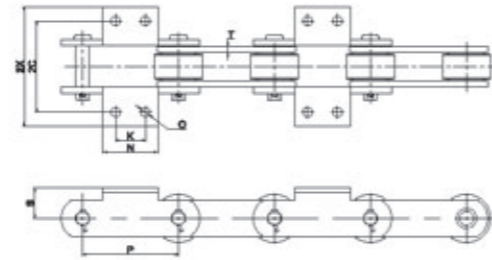
| Extended Pin Conveyor Chain | | | | | | | | | | | |
|-----------------------------|-------|------|------|----|------|------|------|---------|-----|---------------|--------|
| Chain Number | P | W | R | L3 | L1 | L2 | H | T/T1 | M | Breaking load | Weight |
| mm | | | | | | | | | | lbs | kg/m |
| MK 506SP-R | 152.4 | 25.4 | 66.7 | 45 | 33.5 | 38.5 | 50.8 | 6.3 | M20 | 54000 | 11.7 |
| MK 706SP-R | 152.4 | 25.4 | 66.7 | 45 | 39 | 49.5 | 50.8 | 7.9/9.5 | M24 | 77000 | 15 |
| MK 906SP-R | 152.4 | 37.1 | 69.9 | 50 | 44.5 | 51 | 50.8 | 9.5 | M18 | 87000 | 18 |

ATTACHMENTS

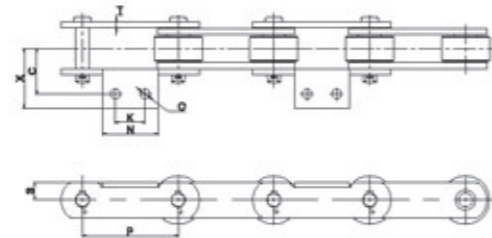
| K-1 Attachment | | | | | | | |
|----------------|------|-----|-------|-----|----|----|------|
| Chain Number | P | T | 2C | 2X | N | O | S |
| mm | | | | | | | |
| MK 9503-S | 76.7 | 6.3 | 111.1 | 145 | 40 | 12 | 25.4 |



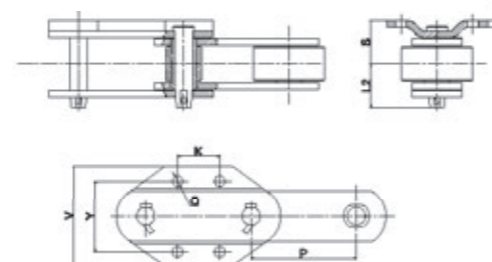
| K-1 Attachment | | | | | | | | |
|----------------|-------|------|-------|------|------|------|------|-----|
| Chain Number | P | 2C | 2X | K | N | O | S | T |
| mm | | | | | | | | |
| MK 90RS-K2 | 101.6 | 89.0 | 124.0 | 31.8 | 63.5 | 10.7 | 31.8 | 4.8 |
| MK 94RS-K2 | 101.6 | 89.0 | 124.0 | 31.8 | 63.5 | 10.7 | 31.8 | 6.3 |



| A-2 Attachment | | | | | | | | |
|----------------|-------|------|------|------|------|------|------|-----|
| Chain Number | P | C | X | K | N | O | S | T |
| mm | | | | | | | | |
| MK 90RS-A2 | 101.6 | 44.5 | 62.0 | 31.8 | 63.5 | 10.7 | 15.9 | 4.8 |
| MK 94RS-A2 | 101.6 | 44.5 | 62.0 | 31.8 | 63.5 | 10.7 | 19.1 | 6.3 |
| MK 604RS-A2 | 152.4 | 50.8 | 67.5 | 50.8 | 90.0 | 12.0 | 19.1 | 6.3 |



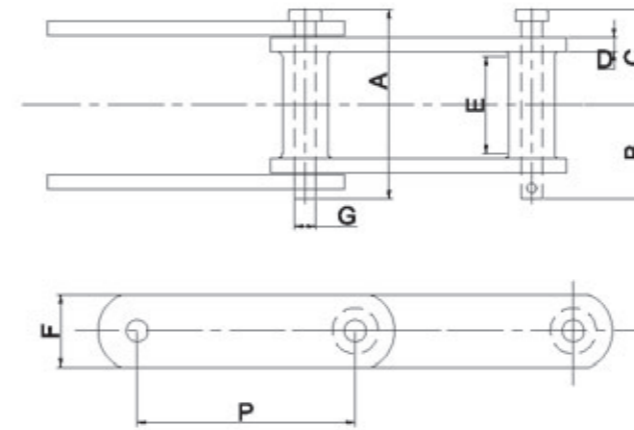
| G-4 Attachment | | | | | | | |
|----------------|-------|----|----|-----|----|------|----|
| Chain Number | P | K | Y | V | O | S | L2 |
| mm | | | | | | | |
| MK 604R-G4 | 152.4 | 75 | 80 | 116 | 14 | 38.5 | 36 |



SUGAR CHAINS

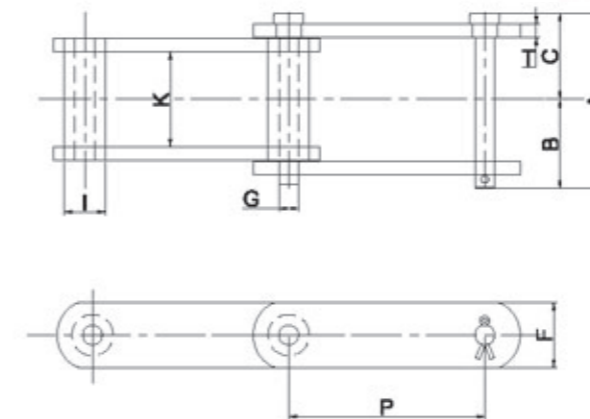


CANE FEEDER AND WASHING TABLE CHAIN



| Cane Feeder And Washing Table Chain | | | | | | | | | | | |
|-------------------------------------|----------------|------------------------------|-------------------|------------------|----------------|-----------------|--------------------|-----------------|----------------|----------|-------------------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Max. Working Load | Over all Riveted | End Pin to C/L | Head Pin to C/L | Sidebars Thickness | Between sidebar | Sidebar height | PIN Dia. | Avg Weight per Feet lbs |
| | | | | A | B | C | D | E | F | G | |
| MK102B | 4.000 | 24,000 | 5,000 | 4.13 | 2.25 | 2.06 | 0.38 | 2.00 | 1.50 | 0.63 | 6.70 |
| MK111 | 4.760 | 36,000 | 7,500 | 4.75 | 2.63 | 2.38 | 0.38 | 2.38 | 1.75 | 0.75 | 9.60 |
| MK132 | 6.050 | 50,000 | 10,500 | 6.13 | 3.92 | 3.06 | 0.50 | 3.13 | 2.00 | 1.00 | 14.30 |
| MK5002 | 6.000 | 97,000 | - | - | 4.31 | 2.25 | 0.50 | - | 2.50 | 0.94 | 23.00 |

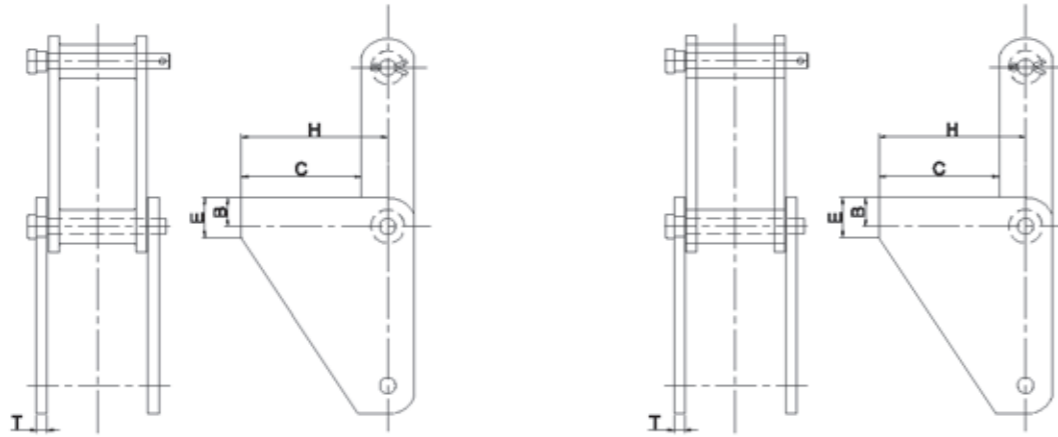
ENGINEERED STEEL CHAINS WITHOUT ROLLERS



| Engineered Steel Chains Without Rollers | | | | | | | | | | | |
|---|----------------|------------------------------|------------------|----------------|-----------------|--------------------|----------------|----------|--------------|------------------|-----------------------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Over all Riveted | End Pin to C/L | Head Pin to C/L | Sidebars Thickness | Sidebar height | Pin Dia. | Bushing Dia. | Between Sidebars | Average Weight per Feet lbs |
| | | | A | B | C | T | F | G | I | K | |
| MK102B | 4.000 | 36,000 | 4.13 | 2.25 | 2.06 | 0.38 | 1.50 | 0.63 | 1.00 | 2.06 | 6.90 |
| MK111 | 4.760 | 48,000 | 4.75 | 2.63 | 2.34 | 0.38 | 2.00 | 0.75 | 1.06 | 2.59 | 10.20 |

COMBINATION CHAIN ATTACHMENT

Note: Dimensions are subject to change without previous notification. Certified dimensions of ordered materials are furnished on request.



Combination Chain Attachment

| Mack Chain No. | Dimensions | | | | | Avg Weight per Feet Lbs |
|----------------|------------|---|---|---|---|-------------------------|
| | B | H | C | E | T | |

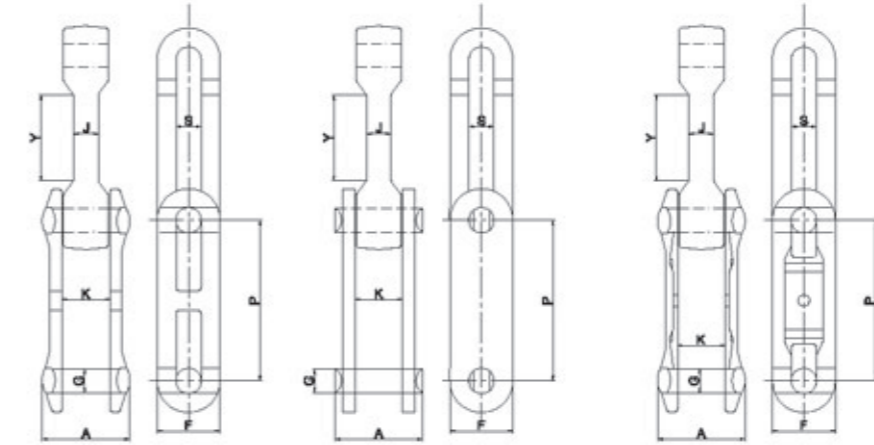
| S1(Both Sides) | | | | | | |
|----------------|------|------|------|------|------|------|
| MK102B | 1.19 | 3.38 | 3.00 | 1.00 | 0.38 | 13.5 |
| MK1111 | 1.00 | 4.38 | 3.50 | 1.00 | 0.38 | 17.3 |

Engineered Steel Chain Without Rollers

| Mack Chain No. | Dimensions | | | | | Avg Weight per Feet Lbs |
|----------------|------------|---|---|---|---|-------------------------|
| | B | H | C | E | T | |

| S1(Both Sides) | | | | | | |
|----------------|------|------|------|------|------|------|
| MK102B | 0.81 | 3.13 | 1.00 | 3.88 | 0.38 | 13.5 |
| MK1111 | 1.00 | 3.38 | 1.00 | 4.38 | 0.38 | 17.3 |

DROP FORGED CHAIN



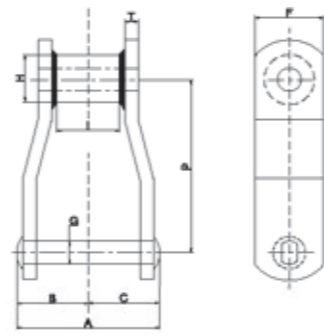
Drop Forged Chain

| Mack Chain No. | Pitch (inches) | Average Ultimate Strength (lbs) | Dimensions | | | | | Length of Flat on Link | Avg Weight Per Ft. Lbs | Sidebars Thickness | |
|----------------|----------------|---------------------------------|------------|--------|----------|---------------|------------------|------------------------|------------------------|--------------------|-----------------|
| | | | Width | Height | Pin Dia. | Width of Link | Between Sidebars | | | | Opening in Link |
| | | | A | F | G | J | K | | | | S |

| DROP FORGED CHAIN | | | | | | | | | | | |
|-------------------|-------|-----------|------|------|------|------|------|------|------|-------|---|
| MKX348 | 3.015 | 40,000 | 1.75 | 1.09 | 0.50 | 0.50 | 0.81 | 0.56 | 1.63 | 2.10 | - |
| MKX458 | 4.031 | 57,000 | 2.19 | 1.41 | 0.63 | 0.63 | 1.06 | 0.69 | 2.25 | 3.10 | - |
| MK468 | 4.031 | 88,000 | 3.31 | 1.88 | 0.75 | 1.13 | 1.69 | 0.88 | 1.88 | 7.50 | - |
| MKX658 | 6.031 | 57,000 | 2.19 | 3.38 | 0.63 | 0.63 | 1.06 | 0.69 | 2.25 | 2.60 | - |
| MK678 | 6.031 | 125,000 | 3.03 | 2.00 | 0.88 | 0.81 | 1.38 | 0.97 | 3.00 | 6.50 | - |
| MK698 | 6.031 | 175,000 | 3.75 | 2.59 | 1.13 | 1.00 | 1.63 | 1.25 | 3.25 | 11.40 | - |
| MK9118 | 9.031 | 1,250,000 | 4.88 | 3.00 | 1.38 | 1.34 | 2.13 | 1.50 | 6.25 | 16.30 | - |

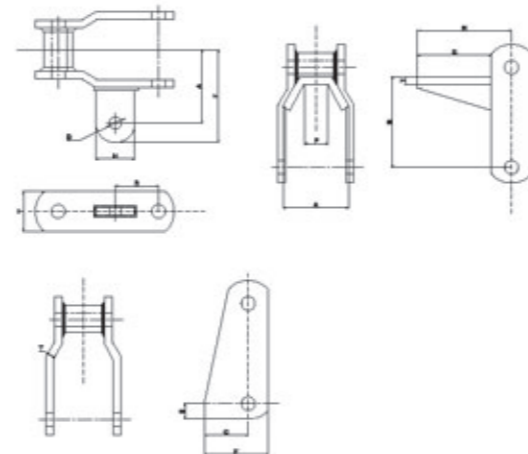
| S SERIES DROP FORGED CHAINS | | | | | | | | | | | |
|-----------------------------|-------|---------|------|------|------|------|------|------|------|-------|------|
| MKS348 | 3.031 | 40,000 | 1.53 | 1.13 | 0.50 | 0.50 | 0.81 | 0.56 | 1.75 | 3.00 | 0.25 |
| MKS468 | 4.031 | 88,000 | 2.94 | 1.88 | 0.75 | 1.13 | 1.69 | 0.81 | 2.00 | 8.20 | 0.50 |
| MKS678 | 6.031 | 125,000 | 2.75 | 2.00 | 0.88 | 0.81 | 1.44 | 1.00 | 3.19 | 7.00 | 0.50 |
| MKS698 | 6.031 | 175,000 | 2.88 | 2.69 | 1.13 | 1.00 | 1.63 | 1.25 | 3.25 | 11.70 | 0.50 |
| MKS998 | 9.031 | 175,000 | 3.75 | 2.66 | 1.13 | 1.00 | 1.69 | 1.25 | 6.25 | 9.00 | - |

WELDED STEEL CHAIN



Welded Steel Chain

| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Dimensions | | | | | | | | Avg. Weight Per Feet. Lbs |
|----------------|----------------|------------------------------|------------------|----------------|-----------------|--------------------|----------------|----------|--------------|------------------|---------------------------|
| | | | Over all Riveted | End Pin to C/L | Head Pin to C/L | Sidebars Thickness | Sidebar height | Pin Dia. | Bushing Dia. | Between sidebars | |
| | | | A | B | C | T | F | G | H | I | |
| MKWHR78 | 2.609 | 25,500 | 3.06 | 1.72 | 1.44 | 0.25 | 1.13 | 0.50 | 0.88 | 1.13 | 4.2 |
| MKWHR82 | 3.075 | 29,500 | 3.38 | 1.84 | 1.59 | 0.25 | 1.25 | 0.56 | 1.13 | 1.25 | 5.5 |
| MKWHX124 | 4.000 | 50,500 | 4.31 | 2.38 | 2.09 | 0.38 | 1.50 | 0.75 | 1.38 | 1.63 | 8.5 |
| MKWHX111 | 4.760 | 50,500 | 4.88 | 2.63 | 2.34 | 0.38 | 1.50 | 0.75 | 1.38 | 2.25 | 8.4 |
| MKWHX132 | 6.050 | 85,000 | 6.31 | 3.31 | 3.03 | 0.50 | 2.00 | 1.00 | 1.63 | 3.00 | 13.5 |
| MKWHX106 | 6.000 | 50,500 | 4.16 | 2.09 | 2.09 | 0.38 | 1.50 | 0.75 | 1.63 | - | 7 |
| MKWH110 | 6.000 | 50,500 | 1.56 | | | 0.38 | 1.50 | 0.75 | 1.25 | 1.88 | 7 |
| MKWHX150 | 6.050 | 90,000 | 6.31 | | | 0.50 | 2.50 | 1.00 | 1.75 | 3.00 | 16.0 |
| MKWHX155 | 6.050 | 102,000 | 6.63 | | | 0.56 | 2.50 | 1.13 | 1.75 | 2.75 | 19.0 |
| MKWHX157 | 6.050 | 117,000 | 6.94 | | | 0.63 | 2.50 | 1.13 | 1.75 | 2.75 | 20.0 |
| MKWHX159 | 6.125 | 204,000 | 7.00 | | | 0.63 | 3.00 | 1.25 | 2.00 | 2.88 | 27.0 |

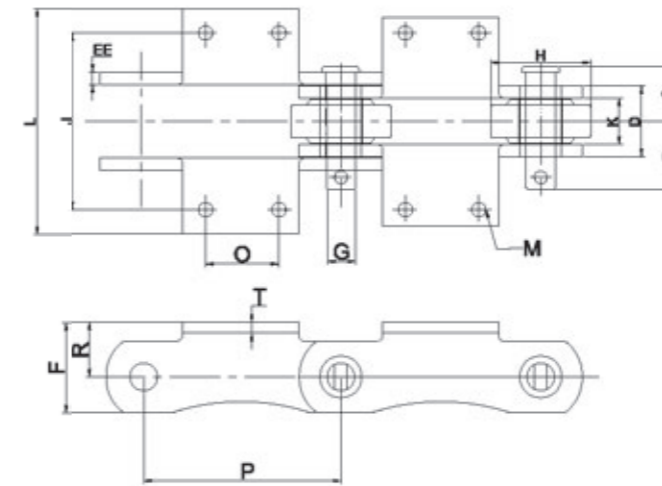


WELDED STEEL CHAIN ATTACHMENT

Welded Steel Chain Attachment

| Mack Chain No. | Dimensions | | | | | | | | Avg. Weight per Feet Lbs |
|----------------|------------|------|------|------|---|------|------|------|--------------------------|
| | A | B | C | D | E | F | H | T | |
| A22 | | | | | | | | | |
| MKWHX106 | 3.75 | 2.88 | - | 0.63 | - | 5.25 | 2.50 | 0.50 | 7.00 |
| A29 | | | | | | | | | |
| MKWHX132 | 4.63 | 2.75 | - | 0.75 | - | 5.88 | 2.50 | 0.75 | 16.4 |
| S1(Both Sides) | | | | | | | | | |
| MKWHX124 | - | 0.82 | 3.75 | - | - | 4.50 | 1.00 | 0.38 | 5.0 |
| MKWHX111 | - | 0.82 | 4.25 | - | - | 5.00 | 1.00 | 0.38 | 6.2 |
| MKWHX132 | - | 1.16 | 5.00 | - | - | 6.00 | 1.38 | 0.50 | 10.9 |
| MKWHX150 | - | 1.16 | 5.25 | - | - | 6.50 | - | 0.50 | 13.5 |
| MKWHX155 | - | 1.50 | 5.25 | - | - | 6.50 | - | 0.56 | 15.5 |
| MKWHX157 | - | 1.50 | 5.25 | - | - | 6.50 | - | 0.63 | 17.0 |
| MKWHX159 | - | 1.88 | 5.25 | - | - | 6.75 | - | 0.63 | 23.0 |

CANE CARRIER CHAIN



Cane Carrier Chain

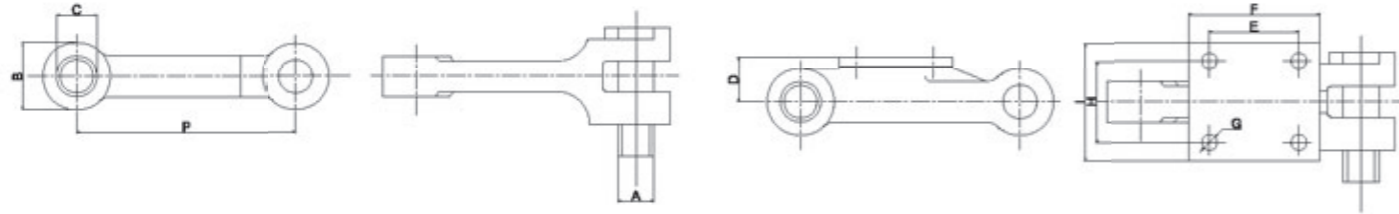
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Dimensions | | | | | | | | | Avg. Weight Per Feet. Lbs |
|----------------|----------------|------------------------------|----------------|-----------------|-------------------|--------------------|----------------|----------|-----------|-------------|------------------|---------------------------|
| | | | End Pin to C/L | Head Pin to C/L | Length of Bearing | Sidebars Thickness | Sidebar height | Pin Dia. | Bush Dia. | Roller Dia. | Between Sidebars | |
| | | | B | C | D | T | F | G | H | K | | |
| MK2124 | 6.000 | 63,000 | 2.09 | 1.81 | 2.31 | 0.38 | 2.00 | 0.75 | 1.13 | 2.75 | 1.53 | 11.8 |
| MK2178 | 6.000 | 56,000 | 2.19 | 1.88 | 2.31 | 0.38 | 2.25 | 0.88 | 1.25 | 2.75 | 1.53 | 15.3 |
| MK9063 | 6.000 | 85,000 | 2.19 | 1.91 | 2.31 | 0.44 | 2.38 | 0.94 | 1.25 | 3.00 | 1.41 | 19 |
| MK2198 | 6.000 | 101,000 | 2.44 | 2.13 | 2.56 | 0.50 | 2.25 | 0.88 | 1.25 | 2.75 | 1.53 | 18.2 |
| MK2800 | 8.000 | 94,000 | 2.56 | 2.28 | 2.81 | 0.50 | 2.75 | 1.00 | 1.50 | 3.50 | 1.78 | 26.2 |
| MK4051 | 12.000 | 425,000 | 4.69 | 4.25 | 6.00 | 0.88 | 4.50 | 1.75 | 2.61 | 3.50 | 4.17 | 46 |
| MK4195 | 8.000 | 128,000 | 2.78 | 4.17 | 2.81 | 0.50 | 2.50 | 1.00 | 1.50 | 3.50 | 1.75 | 18.5 |
| MK8800 | 8.000 | 110,000 | 2.78 | 2.69 | 2.81 | 0.50 | 2.75 | 1.00 | 1.50 | 4.00 | 1.77 | 23.0 |
| - | 8.000 | 92,000 | 2.17 | 2.64 | 2.81 | 0.50 | 2.63 | 1.00 | 1.50 | 4.00 | 1.81 | 27.0 |

CANE CARRIER CHAIN ATTACHMENT

Cane Carrier Chain

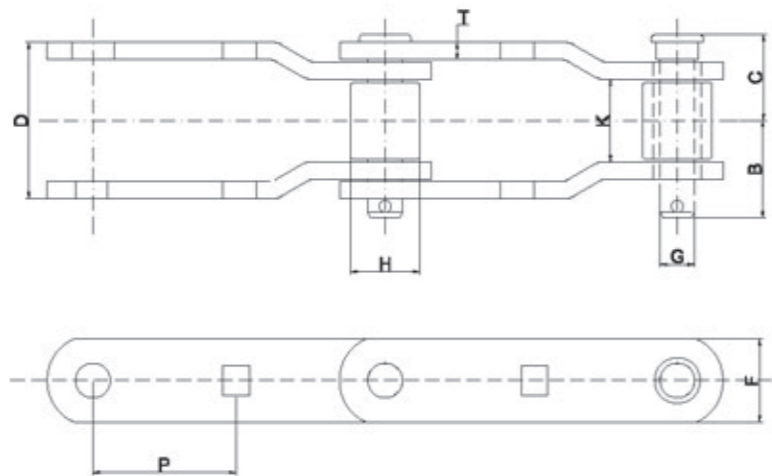
| Mack Chain No. | Dimensions | | | | | | | | Avg. Weight per Feet Lbs |
|----------------|------------|------|------|------|------|------|------|------|--------------------------|
| | J | L | M | N | O | P | R | T | |
| K2 | | | | | | | | | |
| MK2124 | 4.38 | 5.88 | 0.50 | 1.50 | 3.00 | 4.50 | 1.63 | 0.38 | 15.80 |
| MK2178 | 4.38 | 5.63 | 0.50 | 1.50 | 3.00 | 4.50 | 1.63 | 0.38 | 15.30 |
| MK9063 | 4.38 | 6.13 | 0.50 | 1.50 | 3.00 | 4.50 | 1.75 | 0.44 | 19.80 |
| MK2198 | 4.38 | 6.00 | 0.50 | 1.50 | 3.00 | 4.50 | 1.63 | 0.50 | 18.20 |
| K22 | | | | | | | | | |
| MK2800 | 5.19 | 6.81 | 0.63 | 2.38 | 3.25 | 5.00 | 2.19 | 0.50 | 26.2 |

CANE CARRIER - SPECIAL TYPES



| Cane Carrier Chains | | | | | | | | | | | |
|---------------------|-------|----|-----|----|----|-----|-----|----|----|-----|---------------|
| Mack Chain No. | Pitch | A | B | C | D | E | F | G | H | I | min. Strength |
| | | | | | | | | | | | |
| MK229 | 228.6 | 35 | 70 | 42 | 51 | 100 | 140 | 16 | 80 | 130 | 60,000 |
| MK305 | 304.8 | 45 | 100 | 57 | 74 | 108 | 187 | 16 | 92 | 127 | 88,200 |

OUTBOARD CANE CARRIER CHAINS

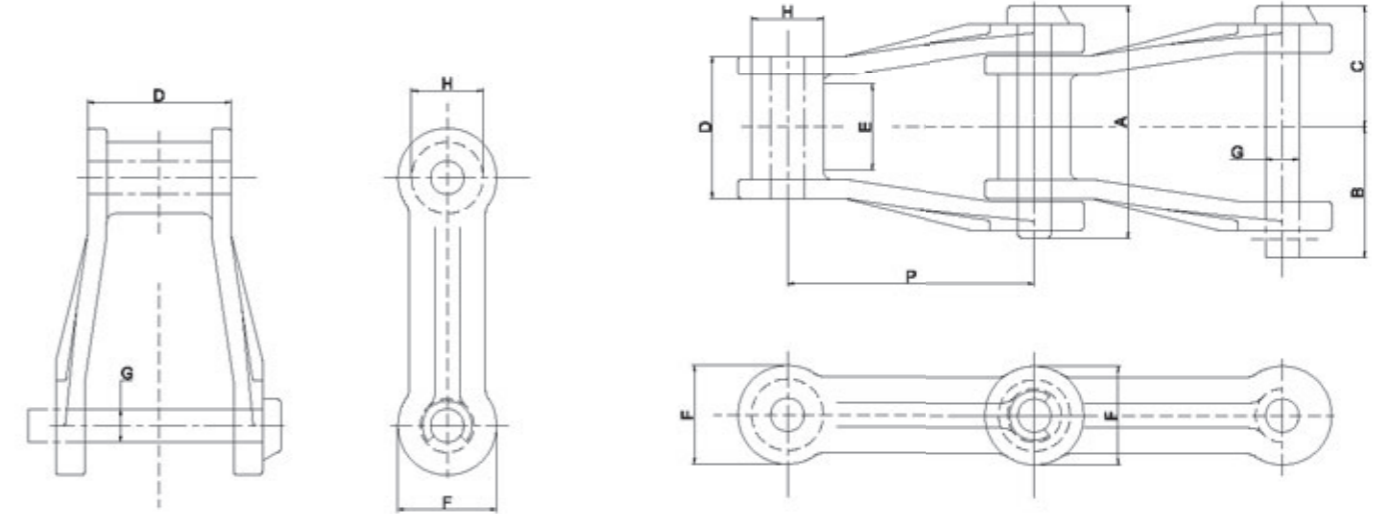


| Outboard Cane Carrier Chains | | | | | | | | | | | |
|------------------------------|----------------|-------------------|----------------|-----------------|-------------------|----------|------|----------|-------------|------------------|--------------------------|
| Mack Chain No. | Pitch (inches) | Max. Working Load | Dimensions | | | | | | | | Avg Weight Per Feet. Lbs |
| | | | End Pin to C/L | Head Pin to C/L | Length of Bearing | Sidebars | | Pin Dia. | Roller Dia. | Between Sidebars | |
| | | | | | | B | C | | | | |
| MKRR2397-M14 | 12 | 9,200 | 2.50 | 2.22 | 3.00 | 0.38 | 2.50 | 0.88 | 1.75 | 2.19 | 9.5 |
| MK1706-M14 | 12 | 14,000 | 3.19 | 2.91 | 4.00 | 0.50 | 2.50 | 1.00 | 2.25 | 2.94 | 13.9 |
| MK2614-M14 | 12 | 29,600 | 3.25 | 2.94 | 4.00 | 0.63 | 3.50 | 1.25 | 2.50 | 2.69 | 24 |
| MK2648-M14 | 12 | 29,500 | 4.00 | 3.75 | 5.19 | 0.75 | 4.00 | 1.63 | 3.25 | 3.63 | 35.9 |
| MK5648-M14 | 12 | 34,000 | 4.00 | 3.75 | 5.19 | 0.75 | 4.50 | 1.88 | 3.25 | 3.63 | 42.5 |

JUICE STRAINER CHAINS

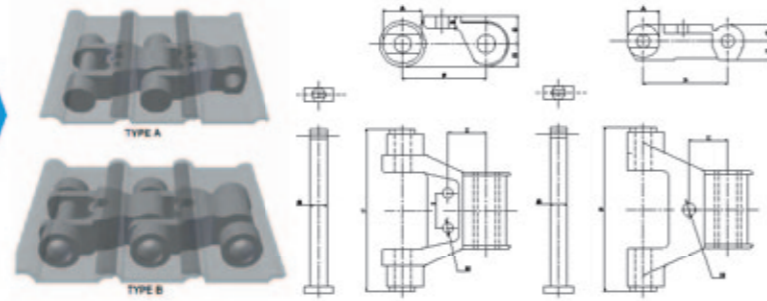
Diameter of bolt

Note: Dimensions are subject to change without previous notification. Certified dimensions of ordered materials are furnished on request.



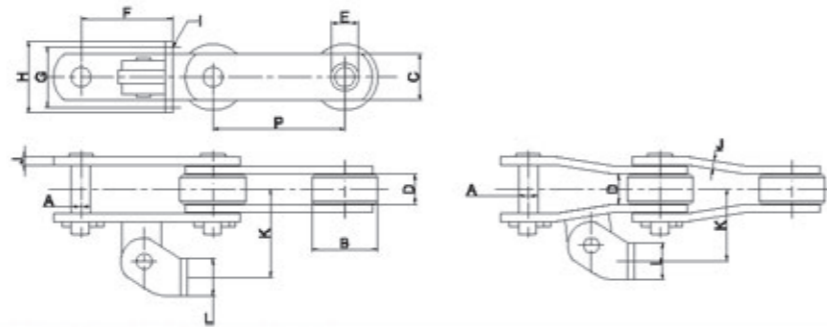
| Juice Strainer Chains | | | | | | | | | | | |
|-----------------------|----------------|------------------------------|------------------|----------------|-----------------|-------------------|---------------------------|----------------|----------|--------------|--------------------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (Lbs) | Dimensions | | | | | | | | Avg. Weight per Feet Lbs |
| | | | Over all Riveted | End Pin to C/L | Head Pin to C/L | Length of Bearing | Max. Allowable Spkt. Face | Sidebar height | Pin Dia. | Bushing Dia. | |
| | | | | | | | | | | | |
| MK977 | 2.308 | 12,000 | 2.31 | 1.31 | 1.23 | 1.25 | 0.69 | 1.00 | 0.44 | 0.81 | 2.00 |
| MK988 | 2.609 | 13,600 | 2.88 | 1.56 | 1.44 | 1.63 | 0.94 | 0.94 | 0.44 | 0.88 | 2.90 |
| MKC9103 | 3.075 | 27,600 | 3.44 | 1.94 | 1.72 | 1.88 | 1.13 | 1.50 | 0.75 | 1.22 | 5.70 |
| MK-SCA9103 | 3.075 | 22,000 | 3.44 | 1.94 | 1.72 | 1.88 | 1.13 | 1.50 | 0.75 | 1.22 | 5.70 |
| MKS-BO2103 | 3.075 | 28,000 | - | 1.41 | 1.70 | 1.88 | 0.25 | 1.50 | 0.25 | 1.13 | 5.60 |

INTERMEDIATE CANE CARRIER CHAINS



| Intermediate Cane Carrier Chains | | | | | | | | | | | |
|----------------------------------|----------------|------------------------------|------------|------|------|---------------|------|------|------|----------|--------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Dimensions | | | | | | | Pin Dia. | Bushing Dia. |
| | | | A | B | C | Bolt or Rivet | | E | F | | |
| | | | | | | D | G | | | | |
| MK901-E43 | 3.149 | 22,000 | 2.69 | 2.81 | 0.78 | 0.38, 0.63 | 1.00 | 2.38 | 0.63 | 0.91 | |
| MK902-E43 | 2.970 | 22,000 | 2.69 | 2.81 | 0.88 | 0.38, 0.63 | 1.06 | 2.38 | 0.63 | 0.91 | |
| MK907-E51 | 3.170 | 22,000 | 2.69 | 2.81 | 0.72 | 0.63 | 1.00 | 2.25 | 0.63 | 0.91 | |
| MKR907-E51 | 3.170 | 22,000 | 3.25 | 3.03 | 0.72 | 0.63 | 1.06 | 2.31 | 0.63 | 0.91 | |
| MKSS907-E51 | 3.170 | 14,520 | 2.69 | 2.81 | 0.72 | 0.63 | 1.00 | 2.25 | 0.63 | 0.91 | |

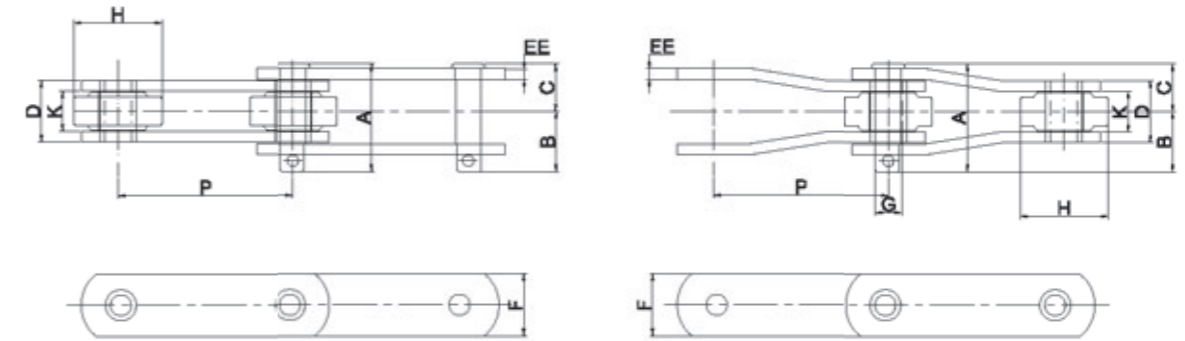
| Intermediate Cane Carrier Chain Attachments | | | | | | | | |
|---|------------|------|------|------|------|------|------|------------------------------|
| Mack Chain No. | Dimensions | | | | | | | Average Weight Per Feet. Lbs |
| | H | L | M | N | P | T | U | |
| MK901-E43 | 0.66 | 1.38 | 1.31 | 0.63 | 0.55 | 0.36 | 0.94 | 11.6 |
| MK902-E43 | 0.66 | 1.38 | 1.31 | 0.63 | 0.55 | 0.36 | 0.94 | 12 |
| MK907-E51 | 0.66 | 1.69 | 1.31 | 1.06 | - | 0.36 | 0.94 | 11.6 |
| MKR907-E51 | 0.66 | 1.69 | 1.31 | 1.06 | - | 0.36 | 0.94 | 12.8 |
| MKSS907-E51 | 0.66 | 1.69 | 1.31 | 1.06 | - | 0.36 | 0.94 | 11.6 |



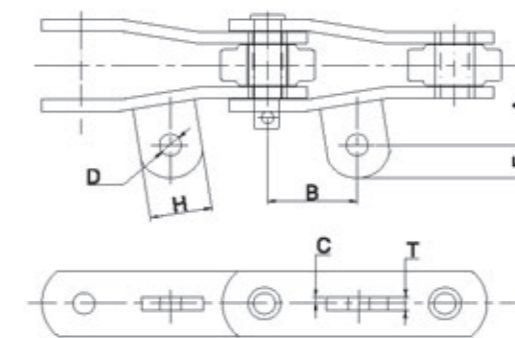
INTERMEDIATE CARRIER ROLLER CHAINS

| Intermediate Carrier Roller Chains | | | | | | | | | | | | | | | | |
|------------------------------------|-------|----|------|------|-------|------|------|------|------|------|------|------|------|----------------|---------------|---------|
| Mack Chain No. | Pitch | Dp | Dr | Hp | G | Db | Ha | A | La | F | Sp | I | Ix | Allowable load | Min. Strength | |
| MK0904 | in | 4 | 0.69 | 2 | 1.75 | 2 | 1 | 3.13 | 3.24 | 4.25 | 0.38 | 0.31 | 3.06 | 1.75 | 4,850 | 40,000 |
| MK1604 | in | 6 | 0.5 | 3 | 1.25 | 1.04 | 0.72 | 5.63 | 3.54 | 5 | 0.55 | 0.25 | 2.61 | 2 | 2,700 | 20,000 |
| MK3130 | in | 6 | 0.75 | 3.5 | 2 | 1.21 | 1.13 | 5.63 | 3.54 | 5 | 0.55 | 0.37 | 3.24 | 2 | 5,200 | 45,000 |
| MK1131 | in | 6 | 0.75 | 3 | 2 | 1.53 | 1.25 | 5.63 | 3.54 | 5 | 0.55 | 0.37 | 3.45 | 2 | 6,050 | 45,000 |
| MK09060 | in | 6 | 0.75 | 2.75 | 2 | 1.5 | 1.13 | 4.38 | 3.24 | 4.5 | 0.5 | 0.38 | 3.5 | 2 | 6,300 | 60,000 |
| MK2184 | in | 6 | 0.88 | 3 | 2 | 1.38 | 1.25 | 5.63 | 3.5 | 5 | 0.5 | 0.38 | 3.63 | 2 | 7,100 | 80,000 |
| MK09061 | in | 6 | 0.75 | 2.75 | 2.25 | 1.5 | 1.13 | 4.38 | 3.24 | 4.5 | 0.5 | 0.38 | 3.5 | 2 | 6,350 | 85,000 |
| MK2600 | in | 6 | 1 | 3.5 | 2.875 | 2.5 | 1.5 | 5.63 | 3.5 | 5 | 0.5 | 0.38 | 3.75 | 2 | 8,800 | 100,000 |
| MK1796 | in | 6 | 0.88 | 2.75 | 2.25 | 1.5 | 1.25 | 4.38 | 3.24 | 4.5 | 0.5 | 0.38 | 3.5 | 2 | 7,500 | 100,000 |
| MK09063 | in | 6 | 0.94 | 3 | 2.38 | 1.5 | 1.25 | 5.63 | 3.5 | 5 | 0.5 | 0.41 | 3.94 | 2 | 8,300 | 140,000 |

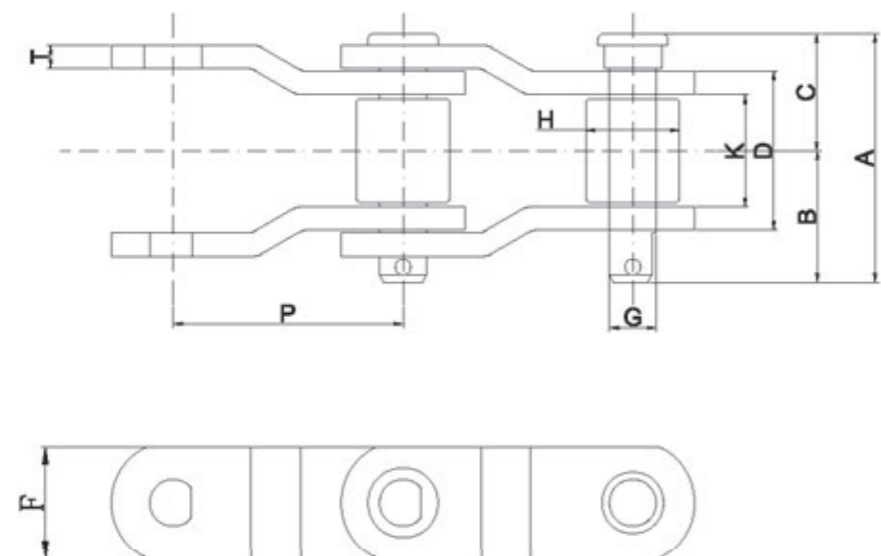
BAGASSE CONVEYOR CHAINS



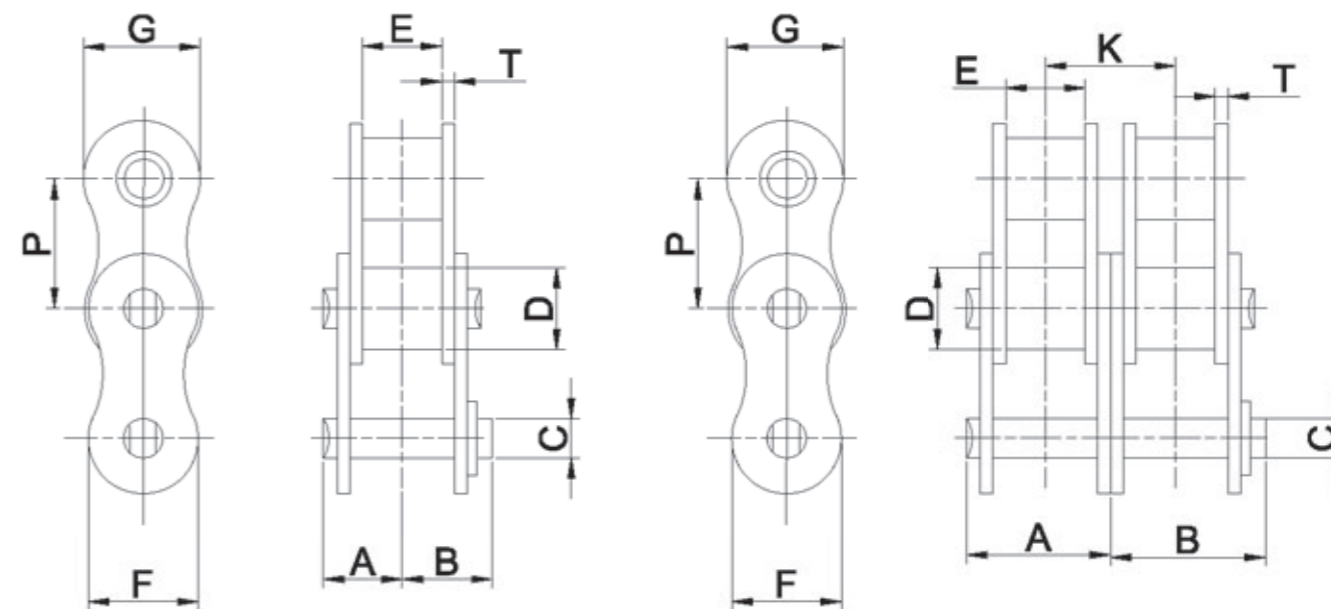
| Bagasse Conveyor Chains | | | | | | | | | | | | | |
|-------------------------|----------------|------------------------------|------------------|----------------|-----------------|-------------------|--------------------|----------------|----------|--------------|-------------|------------------|---------------------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Dimensions | | | | | | | | | | Avg. Weight Per Feet. Lbs |
| | | | Over all Riveted | End Pin to C/L | Head Pin to C/L | Length of Bearing | Sidebars Thickness | Sidebar height | Pin Dia. | Bushing Dia. | Roller Dia. | Between Sidebars | |
| | | | | | | | | | | | | | |
| MK3420 | 4.040 | 23,000 | 3.03 | 1.72 | 1.53 | 1.94 | 0.31 | 1.50 | 0.63 | 0.94 | 2.00 | 1.28 | 7.6 |
| MKRS1131 | 6.000 | 45,000 | 3.63 | 2.09 | 1.81 | 2.31 | 0.38 | 2.00 | 0.75 | 1.13 | 3.00 | 1.53 | 12.5 |
| MKFX2184 | 6.000 | 58,000 | 3.56 | 2.06 | 1.75 | 2.13 | 0.38 | 2.00 | 0.88 | 1.25 | 3.00 | 1.34 | 12 |
| MKFX9184 | 6.000 | 100,000 | 3.56 | | | | 0.50 | 2.50 | 0.94 | 1.25 | 3.00 | 1.56 | 15.2 |
| MKAA2184 | 6.000 | 58,000 | 3.56 | 2.06 | 1.75 | 2.13 | 0.38 | 2.00 | 0.88 | 1.25 | 3.00 | 1.34 | 12 |
| MKSR3130 | 6.000 | 45,000 | 3.31 | 1.94 | 1.63 | 2.00 | 0.38 | 2.00 | 0.75 | 1.13 | 3.50 | 1.22 | 10 |
| MK1604 | 6.000 | 20,000 | 2.94 | 1.44 | 1.22 | 1.56 | 0.25 | 1.25 | 0.50 | 0.72 | 3.00 | 1.03 | 5.1 |
| MK6319 | 6.000 | 91,000 | | 2.16 | 1.78 | 2.28 | 0.38 | 2.38 | 0.94 | 1.25 | 3.00 | 1.48 | 14.0 |
| MKA2842 | 6.048 | 28,000 | | 2.17 | 1.89 | 2.75 | 0.31 | 1.75 | 0.69 | 1.00 | 1.38 | 2.08 | 6.5 |
| MKFX9185 | 6.000 | 97,000 | | 2.42 | 2.15 | 2.53 | 0.50 | 2.50 | 0.94 | 1.25 | 3.50 | 1.48 | 19 |
| MKFX1184 | 6.000 | 62,000 | | 2.08 | 1.69 | 2.13 | 0.38 | 2.00 | 0.63 | 1.50 | | 1.33 | 14.4 |
| | 6.000 | 259,000 | | 2.61 | 2.22 | 2.95 | 0.50 | 4.13 | 1.00 | 1.73 | | 1.47 | 23.6 |
| | 4.000 | 28,000 | | 1.83 | 1.67 | 2.83 | 0.38 | 1.50 | 0.63 | 0.88 | 2.00 | 1.31 | 9.5 |
| | 4.040 | 18,000 | | 1.17 | 1.50 | 2.63 | 0.31 | 1.50 | 0.69 | 1.94 | 2.00 | 1.31 | 8 |



| Bagasse Conveyor Chain Attachment | | | | | | | | | |
|-----------------------------------|------------|------|------|------|------|------|------|------|-----------------------|
| Mack Chain No. | Dimensions | | | | | | | | Avg Weight per Ft Lbs |
| | A | B | C | D | F | H | T | | |
| MK3420 | 2.38 | 2.00 | 0.25 | 0.63 | 0.94 | 2.00 | 0.50 | 9.1 | |
| MKRS1131 | 2.59 | 3.00 | 0.31 | 0.63 | 1.00 | 2.00 | 0.63 | 13.8 | |
| MK1604 | 1.75 | 3.00 | 0.19 | 0.38 | 0.63 | 1.25 | 0.38 | 6 | |
| MKFX2184 | 2.56 | 3.00 | 0.31 | 0.63 | 1.00 | 2.00 | 0.63 | 13.5 | |
| MKAA2184 | 2.56 | 3.00 | 0.31 | 0.63 | 1.00 | 2.00 | 0.63 | 13.5 | |
| MKSR3130 | 2.38 | 3.00 | 0.31 | 0.63 | 0.81 | 2.00 | 0.63 | 11.4 | |



| Drive Chain | | | | | | | | | | | |
|----------------|----------------|------------------------------|----------------|-----------------|-------------------|----------|------|----------|-------------|------------------|------------------------|
| Mack Chain No. | Pitch (inches) | Min. Ultimate Strength (lbs) | Dimensions | | | | | | | | Avg Weight Per Ft. Lbs |
| | | | End Pin to C/L | Head Pin to C/L | Length of Bearing | Sidebars | | Pin Dia. | Roller Dia. | Between Sidebars | |
| | | | | | | B | C | | | | |
| MKR432 | 1.654 | 19,000 | 1.22 | 1.06 | 1.38 | 0.19 | 1.13 | 0.44 | 0.88 | 0.97 | 3.5 |
| MKR588 | 2.609 | 19,000 | 1.38 | 1.25 | 1.63 | 0.25 | 1.13 | 0.44 | 0.88 | 1.06 | 3.8 |
| MKAX1568 | 3.067 | 77,000 | 2.09 | 1.81 | 2.31 | 0.38 | 2.25 | 0.75 | 1.63 | 1.53 | 12.1 |
| MK1030 | 3.075 | 27,000 | 1.81 | 1.63 | 2.13 | 0.31 | 1.50 | 0.63 | 1.25 | 1.44 | 6.8 |
| MKR1033 | 3.075 | 39,000 | 1.84 | 1.63 | 2.13 | 0.31 | 1.50 | 0.63 | 1.25 | 1.44 | 6.8 |
| MKR1035 | 3.075 | 52,000 | 1.84 | 1.63 | 2.13 | 0.31 | 1.63 | 0.63 | 1.25 | 1.44 | 7.2 |
| MKRX238 | 3.500 | 106,000 | 2.41 | 2.06 | 2.50 | 0.50 | 2.25 | 0.88 | 1.75 | 1.47 | 15.8 |
| MKR1037 | 3.075 | 57,000 | 1.97 | 1.78 | 2.25 | 0.38 | 1.75 | 0.63 | 1.25 | 0.44 | 8.6 |
| MKR1248 | 4.063 | 102,000 | 2.63 | 2.31 | 2.94 | 0.50 | 2.25 | 0.88 | 1.75 | 1.88 | 15.7 |
| MKRX1245 | 4.073 | 124,000 | 2.75 | 2.47 | 3.06 | 0.56 | 2.38 | 0.94 | 1.78 | 1.88 | 18.7 |
| MKRO635 | 4.500 | 171,000 | 2.81 | 2.56 | 3.19 | 0.56 | 3.00 | 1.09 | 2.25 | 2.00 | 22.0 |
| MKRX1207 | 5.000 | 223,000 | 3.25 | 2.94 | 4.00 | 0.63 | 3.50 | 1.25 | 2.50 | 2.69 | 34.0 |
| MKRO1306 | 6.000 | 287,000 | 4.53 | 3.34 | 4.50 | 0.75 | 4.00 | 1.50 | 3.00 | 2.94 | 45.0 |
| MKX1307 | 7.000 | 385,000 | 4.22 | 3.75 | 5.00 | 0.88 | 5.00 | 1.75 | 3.50 | 3.19 | 78.0 |



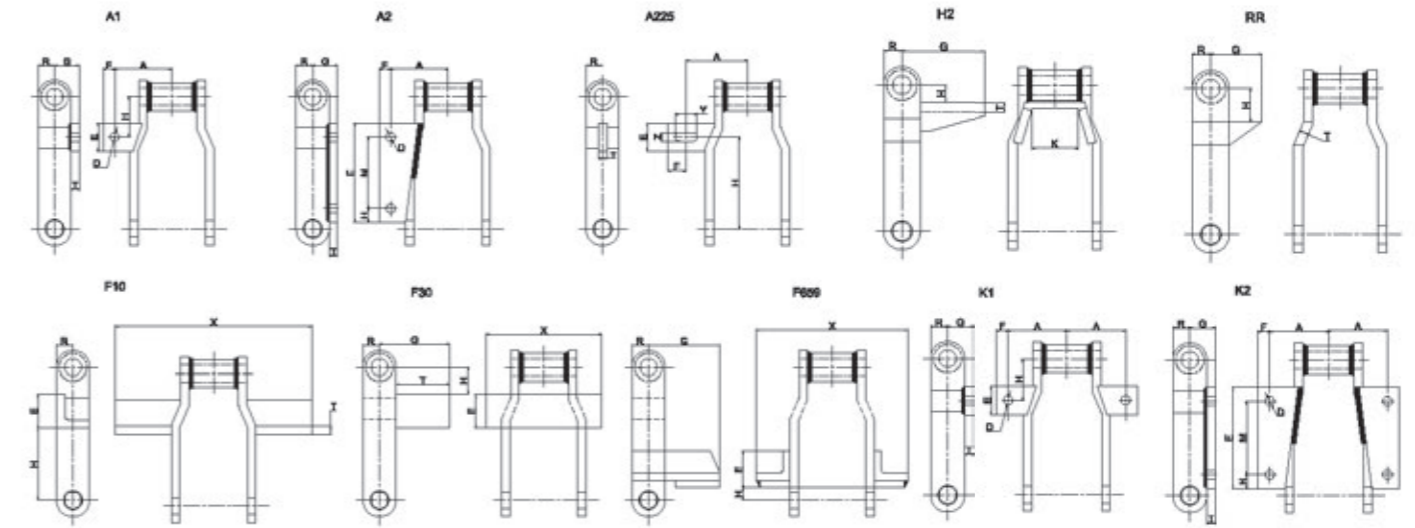
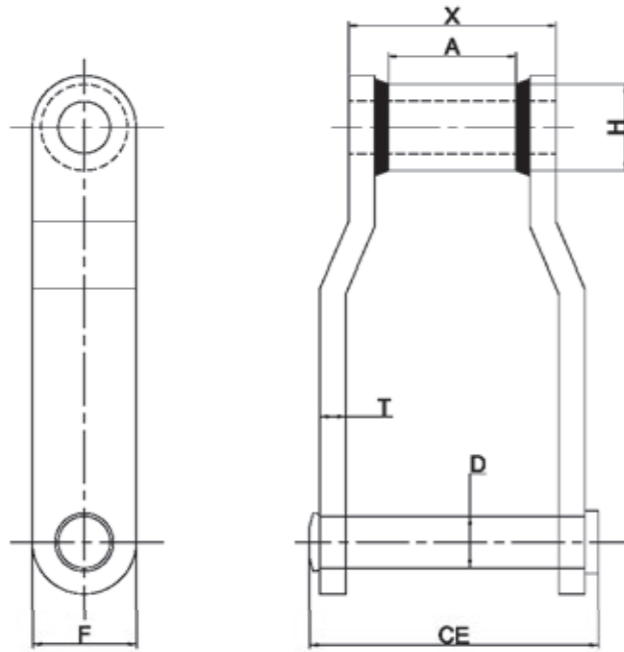
| Drive Chain Attachment | | | | | | | | | | | |
|------------------------|----------------|----------------|------|-------------------------|--------------------------|------------|-----------|----------|-------------------------------|------------------------------------|---------------------------|
| Mack Chain No. | Pitch (inches) | Dimensions | | | | | | | Avg. Ultimate Strength (lbs.) | Min. Ultimate Strength ANSI (lbs.) | Avg. Weight Per Feet. lbs |
| | | Roller/Bushing | | Riv. End to Center Line | Conn. End to Center Line | Link Plate | | Pin Dia. | | | |
| | | Width | Dia. | | | Height | Thickness | | | | |
| | | E | D | A | B | G | T | C | | | |
| 60 | 0.75 | 0.50 | 0.47 | 0.50 | 0.59 | 0.70 | 0.09 | 0.23 | 8,500 | 7,030 | 1.02 |
| 60-2 | | | | 0.95 | 1.05 | | | | 17,000 | 14,060 | 2.00 |
| 80 | 1.00 | 0.63 | 0.63 | 0.63 | 0.75 | 0.91 | 0.13 | 0.31 | 14,500 | 12,500 | 1.67 |
| 80-2 | | | | 1.20 | 1.30 | | | | 29,000 | 25,000 | 3.31 |
| 100 | 1.25 | 0.75 | 0.75 | 0.75 | 0.89 | 1.13 | 0.16 | 0.38 | 26,000 | 19,530 | 2.72 |
| 100-2 | | | | 1.45 | 1.59 | | | | 52,000 | 39,060 | 5.19 |
| 120 | 1.50 | 1.00 | 0.88 | 0.95 | 1.13 | 1.38 | 0.19 | 0.56 | 36,500 | 28,125 | 3.72 |
| 120-2 | | | | 1.84 | 2.02 | | | | 73,000 | 56,250 | 7.38 |
| 140 | 1.75 | 1.00 | 1.00 | 1.02 | 1.20 | 1.56 | 0.22 | 0.50 | 48,500 | 38,280 | 4.69 |
| 140-2 | | | | 1.98 | 2.17 | | | | 97,000 | 76,560 | 9.25 |
| 160 | 2.00 | 1.25 | 1.13 | 1.23 | 1.41 | 1.81 | 0.25 | 0.56 | 68,000 | 50,000 | 6.12 |
| 160-2 | | | | 2.38 | 2.56 | | | | 136,000 | 100,000 | 12.50 |
| 180 | 2.25 | 1.41 | 1.56 | 1.39 | 1.56 | 1.14 | 0.28 | 0.69 | 86,000 | 63,280 | 9.06 |
| 180-2 | | | | 2.69 | 2.86 | | | | 172,000 | 126,560 | 17.06 |
| 200 | 2.50 | 1.50 | 1.56 | 1.53 | 1.89 | 2.31 | 0.31 | 0.78 | 100,000 | 78,125 | 10.90 |
| 200-2 | | | | 2.95 | 3.31 | | | | 200,000 | 156,250 | 21.00 |



TIMBER CHAINS

WELDED STEEL CHAINS (OFFSET SIDE BAR)

WELDED STEEL CHAINS (OFFSET SIDE BAR)



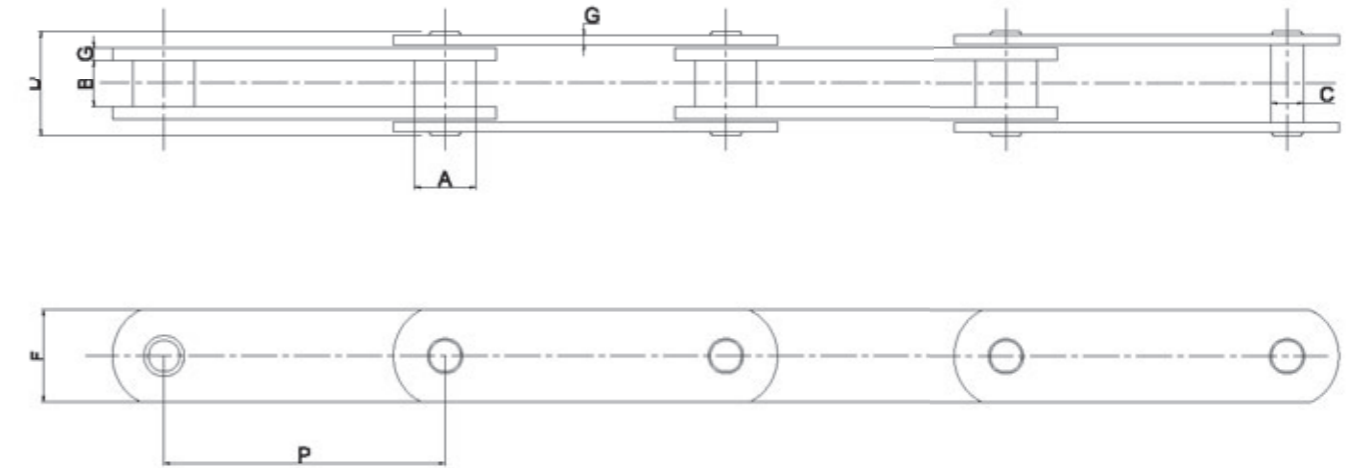
| Welded Steel Chain(Offset Side Bar) | | | | | | | | | | | | | |
|-------------------------------------|--------|--------|----------------------------------|--------------------------|------------------------|--------------------|------------|--------|-------|-------|-------|-------|-------|
| CAIN No. | Pitch | | Average Ultimate Strength lbf | Max. Working Load lbf | Approx. Links Per Foot | Avg. Mass lb/ft | Dimensions | | | | | | |
| | mm | inches | | | | | CE | X | D | T | F | H | A |
| | | | | | | | mm | mm | mm | mm | mm | mm | mm |
| WR78 | 66.26 | 2.609 | 24000 | 3000 | 4.6 | 4.0 | 76.20 | 50.80 | 12.70 | 6.35 | 28.58 | 22.23 | 28.58 |
| WH78 | 66.26 | 2.609 | 36000 | 3500 | 4.6 | 4.0 | 76.20 | 50.80 | 12.70 | 6.35 | 28.58 | 22.23 | 28.58 |
| WR82 | 66.26 | 2.609 | 26000 | 3800 | 4.6 | 4.0 | 76.20 | 50.80 | 12.70 | 6.35 | 28.58 | 22.23 | 28.58 |
| WH82 | 66.26 | 2.609 | 40000 | 4500 | 4.6 | 4.0 | 76.20 | 50.80 | 12.70 | 6.35 | 28.58 | 22.23 | 28.58 |
| WR124 | 101.6 | 4.000 | 46000 | 6300 | 3.0 | 8.3 | 107.95 | 69.85 | 19.05 | 9.53 | 38.10 | 31.75 | 38.10 |
| WH124 | 101.6 | 4.000 | 60000 | 7350 | 3.0 | 8.3 | 107.95 | 69.85 | 19.05 | 9.53 | 38.10 | 31.75 | 38.10 |
| WR111 | 120.9 | 4.760 | 46000 | 7550 | 2.5 | 9.5 | 123.83 | 85.00 | 19.05 | 9.53 | 44.45 | 31.75 | 50.80 |
| WH111 | 120.9 | 4.760 | 60000 | 8850 | 2.5 | 9.5 | 123.83 | 85.00 | 19.05 | 9.53 | 44.45 | 31.75 | 50.80 |
| WR106 | 152.4 | 6.000 | 46000 | 6750 | 2.0 | 7.0 | 107.95 | 69.85 | 19.05 | 9.53 | 38.10 | 31.75 | 41.28 |
| WH106 | 152.4 | 6.000 | 69000 | 7200 | 2.0 | 7.0 | 107.95 | 69.85 | 19.05 | 9.53 | 38.10 | 31.75 | 41.28 |
| WR110 | 152.4 | 6.000 | 46000 | 6750 | 2.0 | 7.2 | 117.48 | 76.20 | 19.05 | 9.53 | 38.10 | 31.75 | 47.63 |
| WH110 | 152.4 | 6.000 | 69000 | 7900 | 2.0 | 7.2 | 117.48 | 76.20 | 19.05 | 9.53 | 38.10 | 31.75 | 47.63 |
| WR132 | 153.67 | 6.050 | 84000 | 13100 | 2.0 | 14.2 | 158.75 | 111.00 | 25.40 | 12.70 | 50.80 | 41.28 | 73.03 |
| WH132 | 153.67 | 6.050 | 110000 | 15000 | 2.0 | 14.2 | 158.75 | 111.00 | 25.40 | 12.70 | 50.80 | 41.28 | 73.03 |
| WR150 | 153.67 | 6.050 | 84000 | 13100 | 2.0 | 16.8 | 158.75 | 111.00 | 25.40 | 12.70 | 63.50 | 41.28 | 73.03 |
| WH150 | 153.67 | 6.050 | 110000 | 15300 | 2.0 | 16.8 | 158.75 | 111.00 | 25.40 | 12.70 | 63.50 | 41.28 | 73.03 |

Welded Steel Chain Attachments(Offset Side Bar)

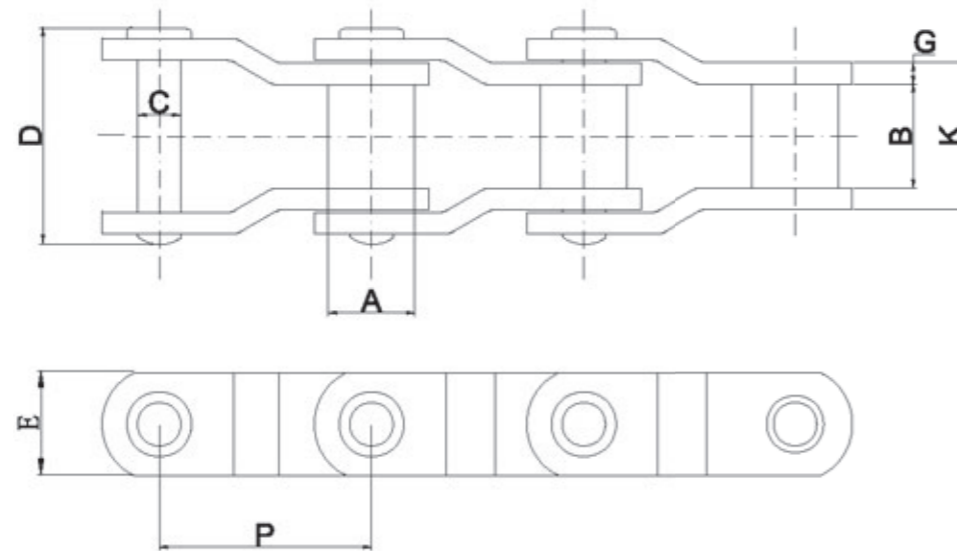
| Attach. No. | Chain No. | Mass lb/ft | Dimensions | | | | | | | | | | | | |
|-------------|-----------|---------------|------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | | | A | D | E | F | G | H | K | M | R | T | X | Y | Z |
| | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm |
| A1 | WR/WH78 | 4.97 | 50.80 | 9.58 | 31.75 | 12.70 | 20.57 | 31.75 | - | - | 14.27 | 6.35 | - | - | - |
| A1 | WR/WH82 | 6.50 | 54.10 | 9.58 | 44.45 | 15.88 | 23.88 | 38.10 | - | - | 15.88 | 6.35 | - | - | - |
| A1 | WR/WH124 | 8.40 | 66.68 | 15.88 | 50.80 | 15.88 | 28.70 | 45.97 | - | - | 19.05 | 9.53 | - | - | - |
| A2 | WR/WH78 | 4.50 | 50.80 | 9.58 | 54.10 | 12.70 | 19.81 | 10.41 | - | 28.70 | 14.27 | 6.35 | - | - | - |
| A2 | WR/WH82 | 6.00 | 54.10 | 9.53 | 57.15 | 15.80 | 23.88 | 12.70 | - | 31.75 | 15.88 | 7.92 | - | - | - |
| A2 | WR/WH124 | 10.00 | 66.68 | 9.58 | 76.20 | 22.23 | 28.70 | 22.23 | - | 49.28 | 19.05 | 9.53 | - | - | - |
| A2 | WR/WH132 | 17.00 | 95.25 | 12.70 | 101.60 | 19.05 | 38.10 | 41.28 | - | 69.85 | 25.40 | 12.70 | - | - | - |
| A225 | WR/WH124 | 8.90 | 101.60 | - | 50.80 | 49.28 | - | 50.80 | - | - | 19.05 | 12.70 | - | 57.15 | 22.23 |
| F10 | WR/WH82 | 4.80 | - | - | 31.75 | - | - | 23.80 | - | - | 15.88 | 6.35 | 260.35 | - | - |
| F30 | WR/WH78 | 9.90 | - | - | 25.40 | - | 68.33 | 20.57 | - | - | 14.27 | 54.10 | 76.20 | - | - |
| F659 | WR/WH124 | 13.10 | - | - | 44.45 | - | 20.65 | 12.70 | - | - | 19.05 | - | 167.39 | - | - |
| H2 | WR/WH78 | 4.75 | - | - | - | - | 90.42 | 7.87 | 25.40 | - | 14.22 | 6.35 | - | - | - |
| H2 | WR/WH82 | 9.00 | - | - | - | - | 91.95 | 15.75 | 28.10 | - | 15.75 | 4.83 | - | - | - |
| K1 | WR/WH78 | 4.97 | 50.80 | 9.65 | 31.75 | 12.70 | 20.57 | 31.75 | - | - | 14.22 | 6.35 | - | - | - |

STRAIGHT SIDEBAR ROLLER CHAINS

| Welded Steel Chain Attachments(Offset Side Bar) | | | | | | | | | | | | | | | |
|---|-----------|---------------|------------|-------|--------|-------|-------|-------|---|-------|-------|-------|---|---|---|
| Attach. No. | Chain No. | Mass lb/ft | Dimensions | | | | | | | | | | | | |
| | | | A | D | E | F | G | H | K | M | R | T | X | Y | Z |
| K1 | WR/WH124 | 11.70 | 66.55 | 15.75 | 50.80 | 15.75 | 28.70 | 45.97 | - | - | 19.05 | 9.65 | - | - | - |
| K2 | WR/WH78 | 5.00 | 50.80 | 9.65 | 54.10 | 12.70 | 19.81 | 10.41 | - | 28.70 | 14.22 | 6.35 | - | - | - |
| K2 | WR/WH82 | 8.00 | 54.10 | 9.65 | 57.15 | 15.75 | 23.88 | 12.70 | - | 34.75 | 15.75 | 7.87 | - | - | - |
| K2 | WR/WH124 | 12.00 | 66.55 | 9.65 | 76.20 | 22.35 | 28.70 | 22.35 | - | 49.28 | 19.05 | 9.65 | - | - | - |
| K2 | WR/WH132 | 19.00 | 95.25 | 12.70 | 101.60 | 19.05 | 38.10 | 41.15 | - | 69.85 | 25.40 | 12.70 | - | - | - |
| RR | WR/WH78 | 4.70 | - | - | - | - | 38.10 | 19.05 | - | - | 14.22 | 6.35 | - | - | - |
| RR | WR/WH82 | 7.00 | - | - | - | - | 44.45 | 20.57 | - | - | 15.75 | 6.35 | - | - | - |
| RR | WR/WH124 | 10.00 | - | - | - | - | 47.75 | 38.10 | - | - | 19.05 | 9.65 | - | - | - |



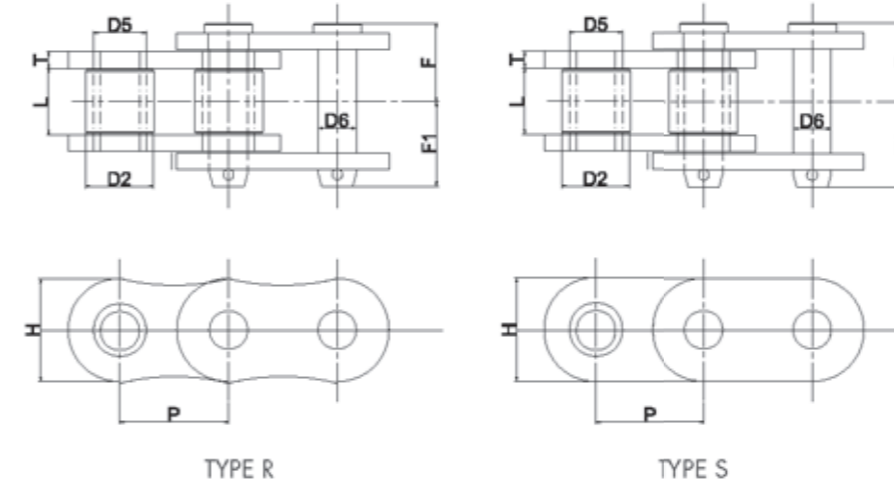
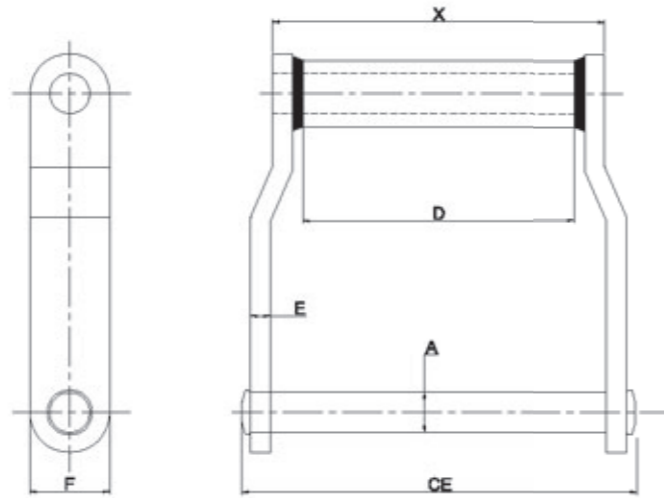
OFFSET SIDER ROLLER CHAINS



| Offset Sider Roller Chain | | | | | | | | | | | | | |
|---------------------------|-------|--------|----------------------------------|--------------------------|------------------------|-----------------------|------------|-------|-------|-------|-------|------|-------|
| CAIN No. | Pitch | | Average Ultimate Strength lbf | Max. Working Load lbf | Approx. Links Per Foot | Average Mass lb/ft | Dimensions | | | | | | |
| | mm | inches | | | | | A | B | C | D | F | G | K |
| SO-578 | 2.609 | 66.269 | 19,000 | 2,200 | 4.6 | 2.7 | 22.23 | 26.99 | 9.53 | 52.78 | 25.40 | 3.97 | 36.51 |
| MO-88 | 2.609 | 66.269 | 20,000 | 2,400 | 4.6 | 3.8 | 22.23 | 26.99 | 11.11 | 59.53 | 28.58 | 6.35 | 41.28 |
| LXS-882 | 2.609 | 66.269 | 29,000 | 2,800 | 4.6 | 3.9 | 22.23 | 28.58 | 11.11 | 59.53 | 28.58 | 6.35 | 42.86 |
| MOH-578 | 2.609 | 66.269 | 19,000 | 2,200 | 4.6 | 2.7 | 22.23 | 26.99 | 9.53 | 52.78 | 25.40 | 5.56 | 36.12 |

Straight Sidebar Roller Chain

| CAIN No. | Pitch | | Average Ultimate Strength lbf | Max. Working Load lbf | Approx. Links Per Foot | Avg. Mass lb/ft | Dimensions | | | | | | Side Plate Thickness(G) | |
|----------|-------|--------|----------------------------------|--------------------------|------------------------|--------------------|------------|-------|-------|-------|-------|-------|-------------------------|------|
| | mm | inches | | | | | A | B | C | D | F | K | Chain | Conn |
| | | | | | | | | | | | | | | |
| MS-88 | 2.609 | 66.269 | 26,000 | 2,500 | 4.6 | 3.8 | 22.23 | 26.99 | 11.11 | 59.53 | 28.58 | 41.28 | 6.35 | 6.35 |
| 81-X | 2.609 | 66.269 | 22,000 | 2,200 | 4.6 | 2.6 | 23.02 | 26.99 | 11.11 | 47.23 | 28.58 | 34.93 | 3.97 | 3.97 |
| 81-XH | 2.609 | 66.269 | 41,800 | 5,000 | 4.6 | 3.9 | 23.02 | 26.99 | 11.11 | 59.18 | 31.75 | 42.86 | 7.94 | 5.56 |
| 81-XHS | 2.609 | 66.269 | 41,800 | 5,000 | 4.6 | 4.2 | 23.02 | 26.99 | 11.11 | 63.50 | 32.94 | 42.86 | 7.94 | 7.94 |
| SS-188 | 2.609 | 66.269 | 26,000 | 2,500 | 4.6 | 3.8 | 22.23 | 26.99 | 11.11 | 59.53 | 28.58 | 41.28 | 6.35 | 6.35 |



TRAM CHAINS

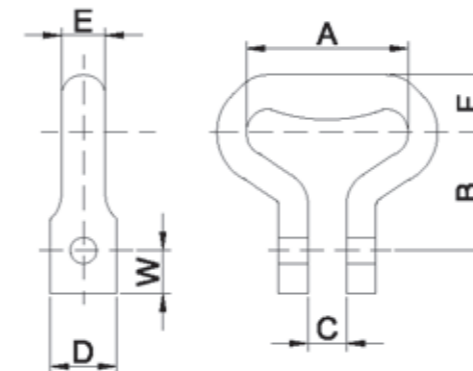
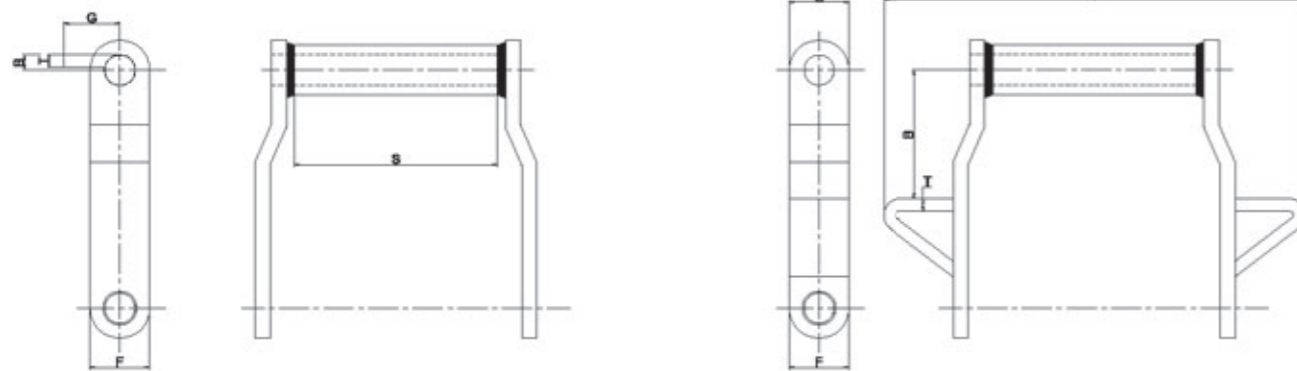
| Welded Steel Drag Chain | | | | | | | | | | | | |
|-------------------------|-------|--------|-------------------------------|-----------------------|------------------------|--------------------|------------|--------|-------|-------|--------|-------|
| CAIN No. | Pitch | | Average Ultimate Strength lbf | Max. Working Load lbf | Approx. Links Per Foot | Average Mass lb/ft | Dimensions | | | | | |
| | mm | inches | | | | | CE | X | A | E | D | F |
| WD104 | 152.4 | 6 | 51,000 | 8,500 | 20.0 | 8.7 | 174.75 | 136.65 | 19.05 | 9.65 | 104.65 | 38.10 |
| WD110 | 152.4 | 6 | 51,000 | 8,500 | 20.0 | 12.0 | 301.75 | 263.65 | 19.05 | 9.65 | 228.60 | 38.10 |
| WD120 | 152.4 | 6 | 80,000 | 12,300 | 20.0 | 19.4 | 304.80 | 257.05 | 22.35 | 12.70 | 215.90 | 50.80 |
| WD122 | 203.2 | 8 | 80,000 | 12,300 | 15.0 | 16.0 | 304.80 | 257.05 | 22.35 | 12.70 | 215.90 | 50.80 |
| WD480 | 203.2 | 9 | 80,000 | 12,300 | 15.0 | 18.1 | 371.35 | 323.75 | 22.35 | 12.70 | 279.40 | 50.80 |

| Tram Chains | | | | | | | | | | | | |
|--------------|-------|------|-------------|------|------|----------------|---------|-------------|------------|------------|------|-----------------------|
| Chain Number | Pitch | Type | Chain Width | | | Inside Width L | Pins D6 | Bushings D5 | Rollers D2 | Sided bars | | Approx. Weight lbs/ft |
| | | | F+F1 | F | F1 | | | | | T | H | |
| MKP2TPR | 2.00 | R | 3.38 | 1.44 | 1.72 | 1.25 | 0.72 | 1.13 | - | 0.31 | 1.88 | 8.30 |
| MKP2TPS | 2.50 | S | 3.72 | 1.69 | 2.00 | 1.50 | 0.88 | 1.13 | 1.56 | 0.38 | 2.13 | 13.50 |
| MKP2TPS-T | 2.50 | S | 4.13 | 1.9 | 2.00 | 1.50 | 0.88 | 1.13 | 1.56 | 0.44 | 2.13 | 14.50 |

Note: This two types of transmission chain are typically used in feeder applications. Other sizes are available.

C1

W1



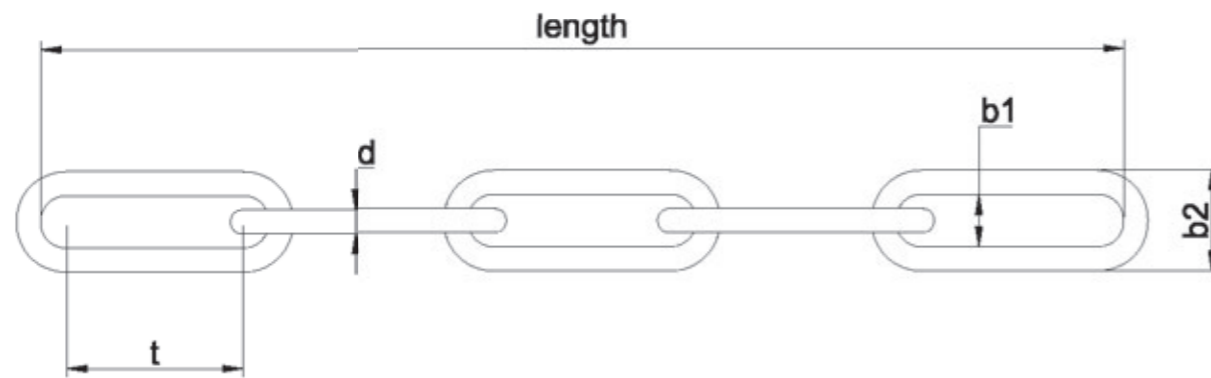
PADLESS CONNECTOR SPECIFICATIONS

| Welded Steel Drag Chain | | | | | |
|-------------------------|-----------|------------|-------|-------|-------|
| Attachment No. | Chain No. | Dimensions | | | |
| | | S | B | G | T |
| | | mm | mm | mm | mm |
| C1 | WD104 | 104.65 | 9.53 | 57.15 | 9.53 |
| W1 | WD104 | 304.80 | 47.63 | - | 9.53 |
| W1 | WD120 | 431.80 | 44.45 | - | 12.70 |

| Padless Connector Specifications | | | | | | | | |
|----------------------------------|-----------------------|-----|------|-------|----|----|----|----------|
| Part No. | Nominal Chain Size mm | A | B | C max | D | E | F | Wt. kg/m |
| MKPC1450 | 14x50 | 50 | 47.5 | 17 | 28 | 15 | 23 | 0.46 |
| MKPC1864 | 18x64 | 64 | 55 | 22 | 38 | 19 | 30 | 1 |
| MKPC2286 | 22x86 | 86 | 75 | 31 | 50 | 23 | 38 | 1.6 |
| MKPC30108 | 30x108 | 108 | 96 | 34 | 64 | 31 | 50 | 4 |

ROUND LINK MINING CHAINS

Mack round link Mining chains meet the dimensional requirements in DIN22252:2001 and all chains has been calibrated and tested for conveyor and haulage systems.



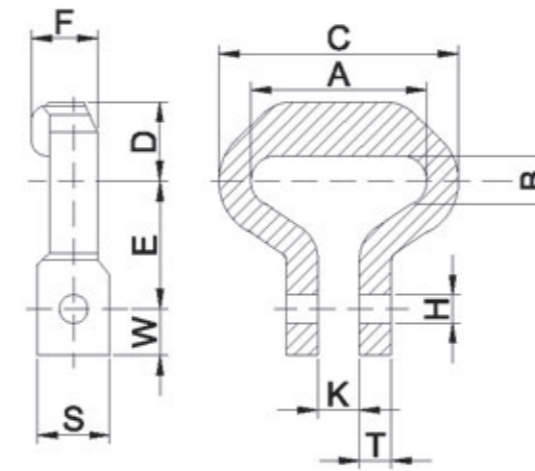
| Round Link Mining Chains | | | | | | | | |
|--------------------------|----------|-----------|-------|-----------|---------------|----------------|-------|----------------|
| Nominal Size | Diameter | | Pitch | | Width | Gauge Length | | |
| mm | d | Tolerance | t | Tolerance | inside B1 min | Outside B2 max | 5x1 | Outside B4 max |
| 14x50 | 14 | ±0.4 | 50 | ±0.5 | 17 | 48 | 250 | ±1 |
| 18x64 | 18 | ±0.5 | 64 | ±0.6 | 21 | 60 | 320 | ±1 |
| 19x64.5 | 19 | ±0.6 | 64.5 | ±0.6 | 22 | 63 | 322.5 | ±1 |
| 22x86 | 22 | ±0.7 | 86 | ±0.9 | 26 | 73 | 430 | ±1 |
| 26x92 | 26 | ±0.8 | 92 | ±0.9 | 30 | 85 | 460 | ±1 |
| 30x108 | 30 | ±0.9 | 108 | ±1.1 | 34 | 97 | 540 | ±1.2 |
| 34x126 | 34 | ±1 | 126 | ±1.3 | 38 | 109 | 630 | ±1.3 |
| 38x137 | 38 | ±1.1 | 137 | ±1.4 | 42 | 121 | 685 | ±1.4 |

QUALITY GRADE 2

Note: Elongation at test force-1.6%max
 Total elongation at fracture-11%min
 Fatigue Test-70,000cycles min.Mean stress 150N/mm2. Amplitude
 Rust Preventative ±100N/mm2

| Quality Grade 2 | | | | | | |
|-----------------|--------------|------------|----------------|-----------------|---------------------------|--------|
| Chain Number | Nominal Size | Test Force | Breaking Force | Operating Force | Bend Test Deflection-min. | Weight |
| | mm | KN | KN | KN-max | mm | kg |
| MK14050RDG2 | 14x50 | 185 | 246 | 154 | 14 | 4 |
| MK18064RDG2 | 18x64 | 305 | 407 | 254 | 18 | 6.6 |
| MK19064RDG2 | 19x64.5 | 340 | 454 | 283 | 19 | 7.6 |
| MK22086RDG2 | 22x86 | 456 | 608 | 380 | 22 | 9.5 |
| MK26092RDG2 | 26x92 | 637 | 850 | 531 | 26 | 13.7 |
| MK30108RDG2 | 30x108 | 848 | 1130 | 707 | 30 | 18 |
| MK34126RDG2 | 34x126 | 1090 | 1450 | 907 | 34 | 22.7 |
| MK38137RDG2 | 38x137 | 1360 | 1820 | 1130 | 38 | 29 |

TWIN OUTBOARD SHACKLES

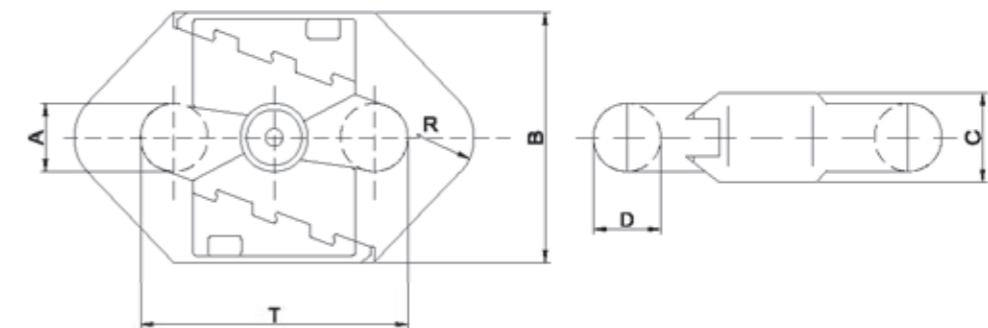


| Twin Outboard Shackles | | | | |
|------------------------|-----------------|--------------------------|---------------------|---------------------|
| Nominal Chain Size | Test Force min. | Elongation at Test Force | Breaking Force min. | Elongation at Break |
| mm | KN | %max | KN | %max |
| 14x50 | 180 | 2 | 225 | 8 |
| 18x64 | 300 | 2 | 370 | 8 |
| 19x64.5 | 325 | 2 | 405 | 8 |
| 22x86 | 440 | 2 | 550 | 8 |
| 26x92 | 580 | 2 | 725 | 8 |

TWIN OUTBOARD SHACKLES SPECIFICATIONS

| Twin Outboard Shackles Specifications | | | | | | | | | | | | | |
|---------------------------------------|-----------------------|------|----|-------|------|----|----|----|----|------|----|----|----|
| Part Number | Nominal Chain Size mm | A | B | C max | D | E | F | G | H | K | S | T | W |
| MKTS1450 | 14x50 | 50 | 15 | 81 | 29 | 48 | 30 | 23 | 17 | 18 | 30 | 13 | 18 |
| MKTS1864 | 18x64 | 64.5 | 20 | 105 | 44 | 55 | 40 | 31 | 21 | 19.5 | 43 | 19 | 40 |
| MKTS1964 | 19x64.5 | 64.5 | 20 | 105 | 44 | 55 | 40 | 31 | 21 | 19.5 | 43 | 19 | 40 |
| MKTS2286 | 22x86 | 86 | 24 | 134 | 58.5 | 75 | 46 | 37 | 25 | 24 | 52 | 22 | 44 |
| MKTS2992 | 29x92 | 92 | 28 | 148 | 60.5 | 85 | 53 | 43 | 28 | 30.5 | 58 | 26 | 46 |

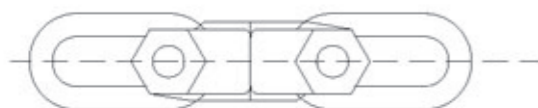
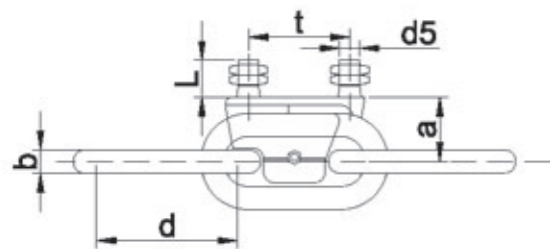
BI-LOCK CONNECTORS FOR MINING CHAINS



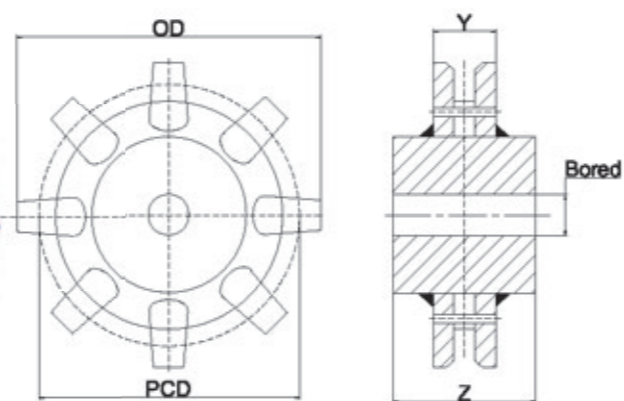
| Bi-Lock Connectors for Mining Chain | | | | | | | | | | | |
|-------------------------------------|--------------------|--------------|---------|-------|-------|-------|-------|---------------|-------------------|--------------------|------------|
| Part No. | Nominal Chain Size | Dimension mm | | | | | | Test Force TF | Breaking Force BF | Operating Force WF | Wt. Approx |
| | | mm | D max | T max | A min | B min | C max | | | | |
| MKBL2286 | 22x86 | 22±0.7 | 86±0.9 | 24 | 85 | 27 | 35 | 455 | 645 | 380 | 1.35 |
| MKBL2692 | 26x92 | 26±0.8 | 92±0.9 | 28 | 97 | 33 | 41 | 637 | 900 | 531 | 1.92 |
| MKBL30108 | 30x108 | 30±0.9 | 108±1.1 | 32 | 109 | 36 | 47 | 848 | 1200 | 707 | 2.98 |
| MKBL34126 | 34x126 | 34±1.0 | 126±1.3 | 36 | 121 | 41 | 52 | 1090 | 1540 | 907 | 4.15 |
| MKBL38137 | 38x137 | 38±1.1 | 137±1.4 | 40 | 134 | 46 | 58 | 1360 | 1926 | 1130 | 5.71 |



| Bucket Clamps | | | | | | | | |
|------------------------|------------|-----|-----|----|----|----|-----|--------------|
| Clamp Reference Number | Chain Size | t | p | d | a | l | d5 | Weight kg/pc |
| | | mm | | | | | | |
| MKBC1564 | 16x64 | 63 | 64 | 16 | 37 | 40 | M16 | 0.75 |
| MKBC1975 | 19x75 | 80 | 75 | 19 | 47 | 50 | M20 | 1.3 |
| MKBC2286 | 22x86 | 91 | 86 | 22 | 52 | 55 | M24 | 2.2 |
| MKBC26100 | 26x100 | 105 | 100 | 26 | 57 | 58 | M24 | 2.6 |
| MKBC30120 | 30x120 | 126 | 120 | 30 | 71 | 65 | M30 | 4.5 |
| MKBC34136 | 34x136 | 147 | 136 | 34 | 81 | 75 | M36 | 7.1 |

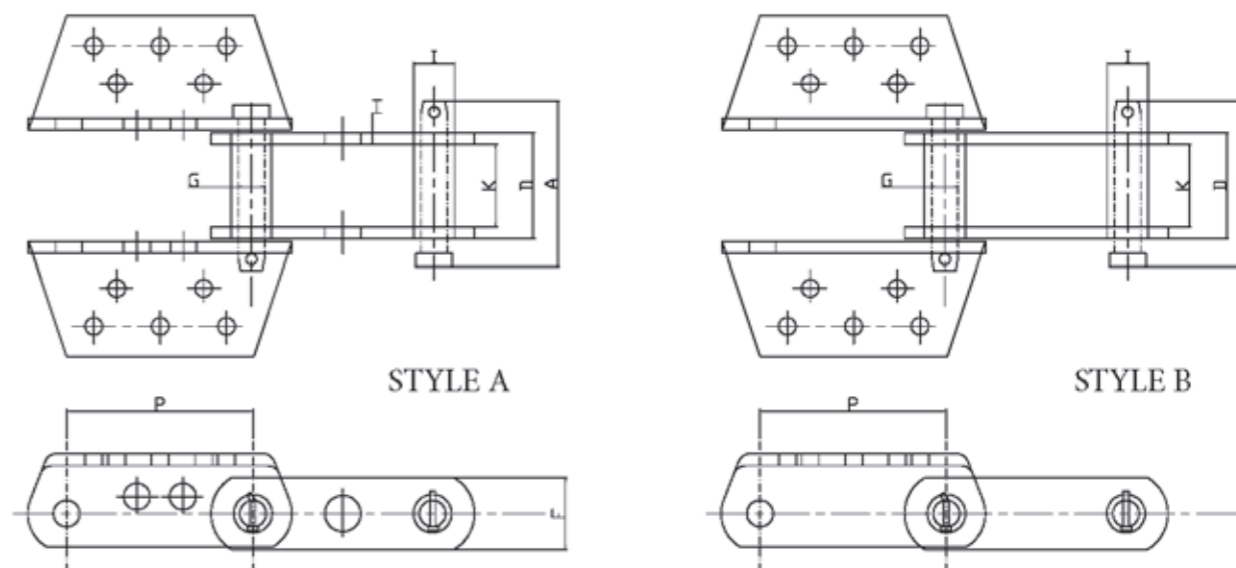


STANDARD FABRICATED SPROCKETS DIMENSIONS



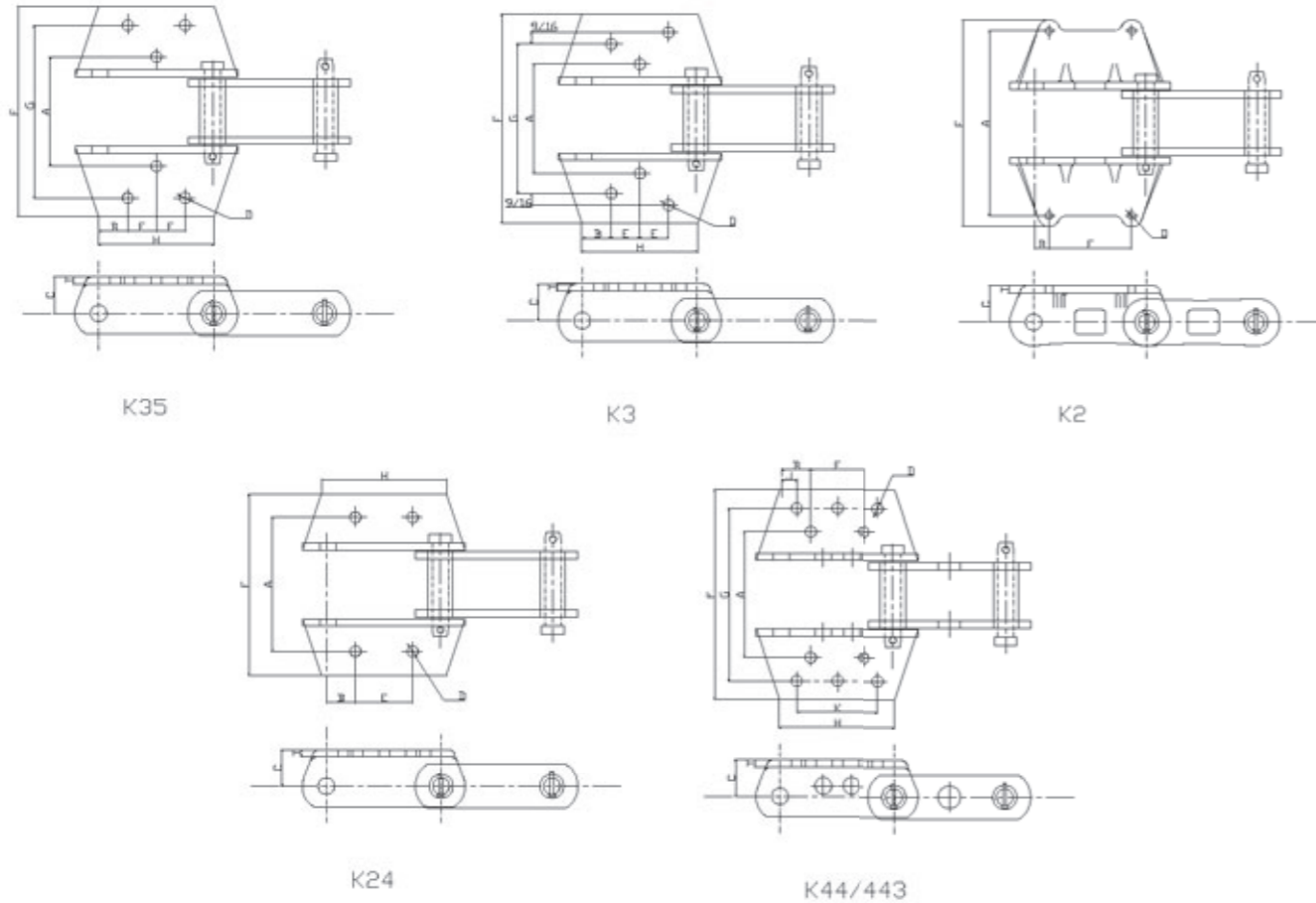
| Standard Fabricated Sprockets Dimensions | | | | | | | | | |
|--|---------------|--------------|-----|-----|-----|-----|-----|-----------------|------------|
| Part Number | Chain Size mm | No. of Teeth | X | Y | Z | PCD | OD | Std Pilot Bored | Est.Wt. kg |
| MKST6C1450 | 14x50 | 6 | 100 | 51 | 114 | 194 | 238 | 25 | 12 |
| MKST8C1450 | 14x50 | 8 | 113 | 51 | 120 | 256 | 300 | 25 | 18 |
| MKST10C1450 | 14x50 | 10 | 176 | 51 | 128 | 319 | 364 | 25 | 35 |
| MKST11C1450 | 14x50 | 11 | 210 | 51 | 128 | 352 | 396 | 40 | 43 |
| MKST13C1450 | 14x50 | 13 | 178 | 51 | 120 | 415 | 460 | 40 | 44 |
| MKST6C1864 | 18x64 | 6 | 125 | 59 | 114 | 247 | 308 | 25 | 20 |
| MKST8C1864 | 18x64 | 8 | 146 | 59 | 152 | 328 | 390 | 25 | 36 |
| MKST10C1864 | 18x64 | 10 | 230 | 59 | 152 | 409 | 470 | 40 | 69 |
| MKST11C1864 | 18x64 | 11 | 270 | 59 | 152 | 450 | 515 | 45 | 90 |
| MKST13C1864 | 18x64 | 13 | 280 | 59 | 202 | 531 | 592 | 45 | 129 |
| MKST6C2286 | 22x86 | 6 | 170 | 96 | 152 | 335 | 420 | 25 | 54 |
| MKST8C2286 | 22x86 | 8 | 278 | 96 | 172 | 442 | 526 | 25 | 118 |
| MKST10C2286 | 22x86 | 10 | 305 | 96 | 178 | 550 | 634 | 45 | 165 |
| MKST6C2692 | 26x92 | 6 | 180 | 101 | 160 | 354 | 434 | 32 | 55 |
| MKST8C2692 | 26x92 | 8 | 262 | 101 | 180 | 471 | 551 | 40 | 99 |
| MKST10C2692 | 26x92 | 10 | 380 | 101 | 180 | 588 | 668 | 40 | 187 |
| MKST6C30108 | 30x108 | 6 | 230 | 117 | 200 | 416 | 517 | 50 | 122 |
| MKST8C30108 | 30x108 | 8 | 326 | 117 | 200 | 554 | 655 | 100 | 215 |
| MKST11C30108 | 30x108 | 11 | 400 | 117 | 200 | 759 | 860 | 100 | 355 |

CENTRIFUGAL ELEVATOR CHAIN

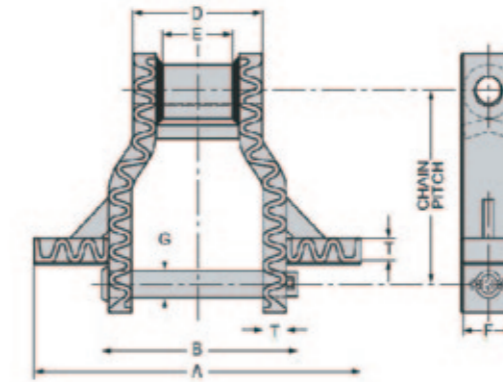


| Centrifugal Elevator Chain Dimensions | | | | | | | | | |
|---------------------------------------|-------|-------|------|------|------|----------|------|----------|------|
| Mack Chain No. | Pitch | Style | A | K | T | Sidebars | Pins | Bushings | |
| | | | | | | F | G | D | I |
| MK856 | 6.00 | B | 6.44 | 3.00 | 0.50 | 2.50 | 1.00 | 4.00 | 1.75 |
| | 152 | | 164 | 76.2 | 12.7 | 63.5 | 25.4 | 102 | 44.5 |
| MK956 | 6.00 | A | 6.44 | 3.00 | 0.50 | 3.00 | 1.00 | 4.00 | 1.75 |
| | 152 | | 164 | 76.2 | 12.7 | 76.2 | 25.4 | 102 | 44.5 |
| MK857 | 6.00 | B | 6.44 | 3.00 | 0.50 | 3.25 | 1.00 | 4.00 | 1.75 |
| | 152 | | 164 | 76.2 | 12.7 | 83.6 | 25.4 | 102 | 44.5 |
| MK958 | 6.00 | A | 6.44 | 3.00 | 0.56 | 3.25 | 1.13 | 4.13 | 2.00 |
| | 152 | | 164 | 76.2 | 14.2 | 83.6 | 28.6 | 105 | 50.8 |
| MK859 | 6.00 | B | 7.74 | 3.75 | 0.62 | 4.00 | 1.25 | 5.00 | 2.38 |
| | 152 | | 197 | 95.3 | 15.7 | 102 | 31.8 | 127 | 60.5 |
| MK864 | 7.00 | B | 7.74 | 3.75 | 0.62 | 4.00 | 1.25 | 5.00 | 2.38 |
| | 178 | | 197 | 95.3 | 15.7 | 102 | 31.8 | 127 | 60.5 |
| MK984 | 7.00 | A | 7.74 | 3.75 | 0.62 | 4.00 | 1.38 | 5.00 | 2.38 |
| | 178 | | 197 | 95.3 | 15.7 | 102 | 34.9 | 127 | 60.5 |
| MK1084 | 7.00 | C | 8.60 | 4.43 | 0.75 | 4.50 | 1.62 | 6.00 | 2.85 |
| | 178 | | 218 | 113 | 19 | 114 | 4.1 | 152 | 72.4 |

CENTRIFUGAL ELEVATOR CHAIN ATTACHMENTS



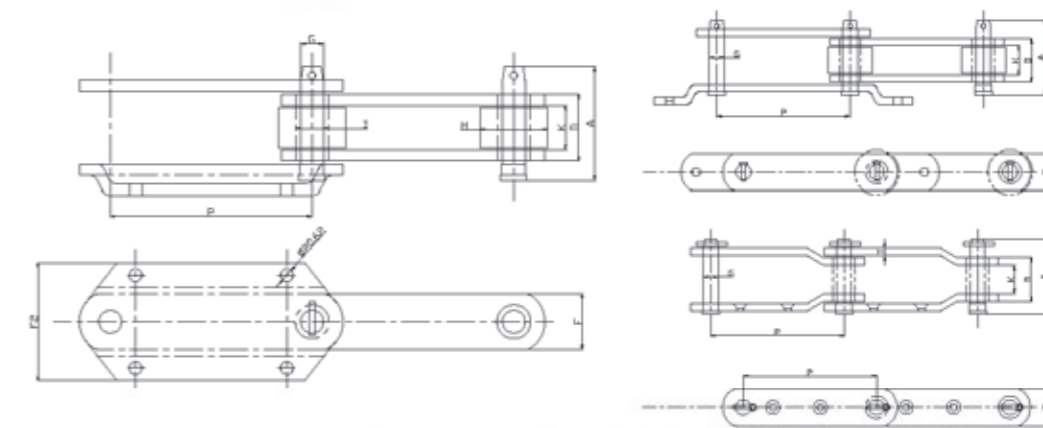
HEAVY DUTY DRAG CHAIN



| Heavy Duty Welded Steel Drag Chain | | | | | | | | | |
|------------------------------------|-------|----------|----------|------|-------|-------|------|------|--------------------|
| Mack Chain No. | Pitch | A | Sidebars | | Pins | | D | E | Rated Working Load |
| | | | T | F | B | G | | | |
| MK5157 | 6.05 | 8 - 14" | 0.63 | 2.50 | 6.94 | 1.13 | 4.63 | 2.75 | 18,200 |
| | 154 | 203-356 | 16 | 63.5 | 176.0 | 28.70 | 118 | 69.9 | 81,000 |
| MK6067 | 9.00 | 10 - 26" | 0.75 | 2.50 | 8.19 | 1.25 | 5.50 | 6.63 | 24,300 |
| | 229 | 254-660 | 19.1 | 63.5 | 208 | 31.8 | 140 | 92.2 | 108,000 |
| MK5121 | 9.00 | 10 - 30" | 1.13 | 2.50 | 9.75 | 1.25 | 6.31 | 6.63 | 27,600 |
| | 229 | 254-762 | 28.7 | 63.5 | 248 | 31.8 | 160 | 92.2 | 123,000 |
| MK6121 | 9.00 | 10 - 30" | 1.13 | 2.50 | 9.75 | 1.25 | 6.31 | 6.63 | 27,600 |
| | 229 | 254-762 | 28.7 | 63.5 | 248 | 31.8 | 160 | 92.2 | 123,000 |

| Centrifugal Elevator Chain Attachments | | | | | | | | | | | | | |
|--|------------------|------|------|------|------|-------|-------|-------|------|------|------|------|--------|
| Mack Chain No. | Attachment Style | A | B | C | D | E | F | G | H | J | K | T | Weight |
| MK856 | K24 | 7.25 | 1.75 | 1.88 | 0.69 | 2.5 | 9.38 | | 6.91 | | | 0.5 | 27.5 |
| | | 184 | 44.5 | 47.8 | 17.5 | 63.5 | 238 | | 176 | | | 13 | 40.9 |
| MK956 | K24 | 7.25 | 1.75 | 1.88 | 0.69 | 2.5 | 9.38 | | 6.91 | | | 0.5 | 29 |
| | | 184 | 44.5 | 47.8 | 17.5 | 63.5 | 241 | | 176 | | | 13 | 43.2 |
| MK857 | K44 | 7 | 1.25 | 2.5 | 0.56 | 3.5 | 14 | 12 | 5.5 | 1.25 | 3.5 | 0.5 | 38 |
| | | 178 | 32 | 64 | 14 | 89 | 356 | 305 | 140 | 31.8 | 88.9 | 12.7 | 56.5 |
| MK859 | K44 | 9 | 1.62 | 3 | 0.69 | 2.75 | 15 | 13 | 5.92 | 0.75 | 4.5 | 0.62 | 59 |
| | | 229 | 41.1 | 76.2 | 17.5 | 69.9 | 381 | 330 | 150 | 19.1 | 114 | 15.7 | 87.8 |
| MK958 | K44 | 7 | 1.25 | 2.5 | 0.56 | 3.5 | 13.68 | 12 | 5.75 | 1.25 | 3.5 | 0.5 | 40 |
| | | 178 | 31.8 | 63.5 | 14.2 | 88.9 | 347 | 305 | 146 | 31.8 | 88.9 | 12.7 | 59.5 |
| MK864 | K443 | 9 | 1.62 | 3 | 0.69 | 3.75 | 15 | 13 | 7 | 0.75 | 5.5 | 0.62 | 55 |
| | | 229 | 41.1 | 76.2 | 17.5 | 95.3 | 381 | 330 | 178 | 19.1 | 140 | 15.7 | 81.8 |
| MK984 | K443 | 9 | 1.62 | 3 | 0.69 | 3.75 | 14.88 | 13 | 7.32 | 0.75 | 5.5 | 0.62 | 58 |
| | | 229 | 41.1 | 76.2 | 17.5 | 95.3 | 378 | 330 | 178 | 19.1 | 140 | 15.7 | 86.3 |
| MK1084 | K2 | 13 | 0.75 | 3 | 0.69 | 5.5 | 15 | | | | | 0.5 | 51.5 |
| | | 330 | 19.1 | 76.2 | 17.5 | 139.7 | 381 | | | | | 12.7 | 76.7 |
| MK856 | K3 | 6.56 | 1.63 | 1.88 | 0.5 | 1.38 | 13.56 | 10.94 | 4.25 | | | 0.5 | 26.9 |
| | | 167 | 41.4 | 47.8 | 12.7 | 35.1 | 344 | 278 | 108 | | | 13 | 40 |
| MK856 | K35 | 7.25 | 1.75 | 1.88 | 0.69 | 1.25 | 13.5 | 11.75 | 5.88 | | | 0.5 | 26.9 |
| | | 184 | 44.5 | 47.8 | 17.5 | 31.8 | 343 | 298 | 149 | | | 13 | 40 |

CONTINUOUS DISCHARGE DUAL STRAND ELEVATOR CHAINS



| Continuous Discharge Dual Strand Elevator Chain Dimensions | | | | | | | | | | | |
|--|-------|------|------|------|----------|------|------|------|----------|------|--------------------|
| Mack Chain No. | Pitch | A | K | T | Sidebars | | Pins | | Bushings | | Rated Working Load |
| | | | | | F | F2 | G | H | D | I | |
| MKR4251-G118 | 12.00 | 4.63 | 1.94 | 0.50 | 2.00 | - | 0.88 | 1.75 | 2.94 | 1.25 | 9,000 |
| MKR4004-G5 | 9.00 | 5.69 | 2.63 | 0.50 | 2.50 | - | 1.00 | 3.00 | 3.63 | 1.50 | 12,700 |
| MKR4065-G5 | 9.00 | 6.16 | 3.06 | 0.63 | 3.50 | - | 1.25 | 4.25 | 4.31 | 2.00 | 18,900 |
| MKR4037-G6 | 9.00 | 6.79 | 3.25 | 0.62 | 4.00 | 8.00 | 1.50 | 4.50 | 3.25 | 2.12 | 29,500 |

The Mackchain logo features the word "MACKCHAIN" in a bold, sans-serif font. The letters "MACK" are white and set against a blue rectangular background, while "CHAIN" is white on a black background. The logo is flanked by two white dots on each side.

• MACKCHAIN •



Mackchain Australia
MACK POWER TRANSMISSION PTY. LTD.
ABN: 74 165 789 300

PO BOX 2508 Mount Waverley
VIC 3149 Australia

Tel: +61 3 9888 1485
Fax: +61 3 9888 1485
E-mail: ausales@mackchain.com

WWW.MACKCHAIN.COM.AU

