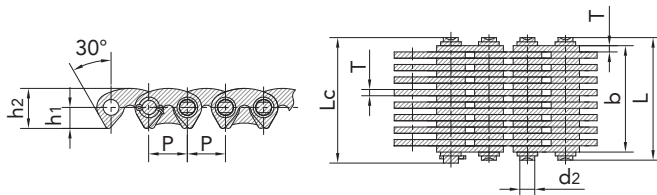


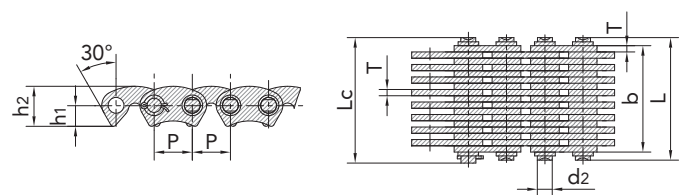
Flank contact silent chain

| GB Chain No. | Pitch | Chain width | Pin diameter | Pin length | | Distance from hole center to tooth | Plate depth | Plate thickness | Guide type | Number of pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|--------------|--------|--------------------|--------------------|------------|--------------------|------------------------------------|--------------------|-----------------|------------|-----------------|---------------------------|--------------------------|------------------|
| | P | b ₁ min | d ₂ max | L max | L _c max | d ₂ max | h ₂ max | T max | | Pt | Q min | Q ₀ | q |
| | mm | mm | mm | mm | mm | mm | mm | mm | | mm | kN/lbf | kN | kg/m |
| CL06 | 9.525 | 13.5 | 3.95 | 18.5 | 20.0 | 5.3 | 10.0 | 1.5 | 外(Outside) | 9 | 10.0/2272 | 11.2 | 0.60 |
| | | 16.5 | | 21.5 | 23.0 | | | | 外(Outside) | 11 | 12.5/2840 | 14.0 | 0.73 |
| | | 19.5 | | 24.5 | 26.0 | | | | 外(Outside) | 13 | 15.0/3409 | 16.8 | 0.85 |
| | | 22.5 | | 27.5 | 29.0 | | | | 外(Outside) | 15 | 17.5/3997 | 19.6 | 1.00 |
| | | 28.5 | | 33.5 | 35.0 | | | | 内(Inside) | 19 | 22.5/5114 | 25.2 | 1.26 |
| CL08 | 12.700 | 19.5 | 5.08 | 24.5 | 26.0 | 7.0 | 13.4 | 1.5 | 外(Outside) | 13 | 23.4/5318 | 26.2 | 1.15 |
| | | 22.5 | | 27.5 | 29.0 | | | | 外(Outside) | 15 | 27.4/6227 | 30.6 | 1.33 |
| | | 25.5 | | 30.5 | 32.0 | | | | 外(Outside) | 17 | 31.3/7114 | 35.0 | 1.50 |
| | | 28.5 | | 33.5 | 35.0 | | | | 内(Inside) | 19 | 35.2/8000 | 39.4 | 1.68 |
| | | 34.5 | | 39.5 | 41.0 | | | | 内(Inside) | 23 | 43.0/9772 | 48.1 | 2.04 |
| | | 40.5 | | 45.5 | 47.0 | | | | 内(Inside) | 27 | 50.8/11364 | 56.8 | 2.39 |
| | | 46.5 | | 51.5 | 53.0 | | | | 内(Inside) | 31 | 58.6/13318 | 65.6 | 2.74 |
| 52.5 | 57.5 | 59.0 | 内(Inside) | 35 | 66.4/15091 | 74.3 | 3.10 | | | | | | |
| CL10 | 15.875 | 30.0 | 5.92 | 37.0 | 38.2 | 8.7 | 16.7 | 2.0 | 内(Inside) | 15 | 45.6/10364 | 50.6 | 2.21 |
| | | 38.0 | | 45.0 | 46.2 | | | | 内(Inside) | 19 | 58.6/13318 | 65.0 | 2.80 |
| | | 46.0 | | 53.0 | 54.2 | | | | 内(Inside) | 23 | 71.7/16295 | 79.5 | 3.39 |
| | | 54.0 | | 61.0 | 62.4 | | | | 内(Inside) | 27 | 84.7/19250 | 94.0 | 3.99 |
| | | 62.0 | | 69.0 | 70.4 | | | | 内(Inside) | 31 | 97.7/22204 | 108.4 | 4.58 |
| CL12 | 19.050 | 38.0 | 6.90 | 45.0 | 46.5 | 10.5 | 20.0 | 2.0 | 内(Inside) | 19 | 70.0/15909 | 77.6 | 3.37 |
| | | 46.0 | | 53.0 | 54.5 | | | | 内(Inside) | 23 | 86.0/19545 | 95.4 | 4.08 |
| | | 54.0 | | 61.0 | 62.8 | | | | 内(Inside) | 27 | 102.0/23182 | 113.2 | 4.78 |
| | | 62.0 | | 69.0 | 70.8 | | | | 内(Inside) | 31 | 117.0/26591 | 129.8 | 5.50 |
| | | 70.0 | | 77.0 | 78.8 | | | | 内(Inside) | 35 | 133.0/30227 | 147.6 | 6.20 |
| CL16 | 25.400 | 45.0 | 8.90 | 52.0 | 53.5 | 14.0 | 26.7 | 3.0 | 内(Inside) | 15 | 111.0/25227 | 123.2 | 5.31 |
| | | 51.0 | | 58.0 | 59.5 | | | | 内(Inside) | 17 | 125.0/28409 | 138.7 | 6.02 |
| | | 57.0 | | 64.0 | 65.5 | | | | 内(Inside) | 19 | 141.0/32045 | 156.5 | 6.37 |
| | | 69.0 | | 76.2 | 77.7 | | | | 内(Inside) | 23 | 172.0/39091 | 190.9 | 8.15 |
| | | 81.0 | | 88.2 | 89.7 | | | | 内(Inside) | 27 | 203.0/46163 | 225.3 | 9.57 |
| | | 93.0 | | 100.2 | 101.7 | | | | 内(Inside) | 31 | 235.0/53409 | 260.8 | 10.98 |
| CL20 | 31.750 | 57.0 | 10.84 | 66.6 | 69.6 | 17.5 | 33.4 | 3.0 | 内(Inside) | 19 | 165.0/37500 | 183.1 | 8.42 |
| | | 69.0 | | 78.6 | 81.6 | | | | 内(Inside) | 23 | 201.0/45681 | 223.1 | 10.19 |
| | | 81.0 | | 90.6 | 93.6 | | | | 内(Inside) | 27 | 237.0/53863 | 263.2 | 11.96 |
| | | 93.0 | | 102.6 | 105.6 | | | | 内(Inside) | 31 | 273.0/62045 | 303.0 | 13.73 |
| | | 105.0 | | 114.6 | 117.6 | | | | 内(Inside) | 35 | 310.0/70454 | 341.0 | 15.50 |
| | | 117.0 | | 126.6 | 129.6 | | | | 内(Inside) | 39 | 346.0/78636 | 380.6 | 17.27 |

Middle guide



Side guide



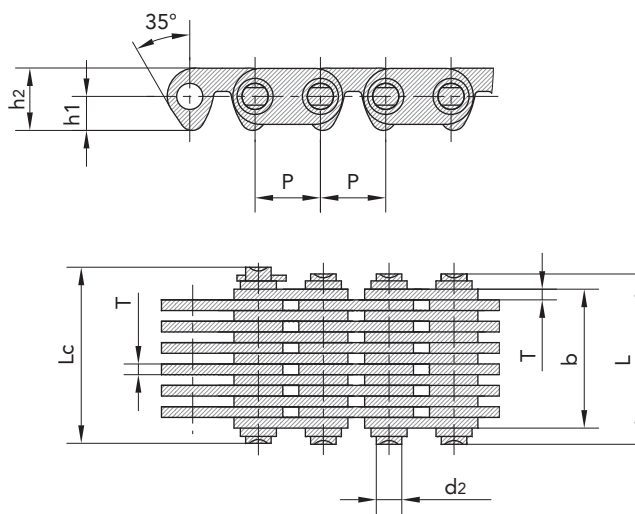
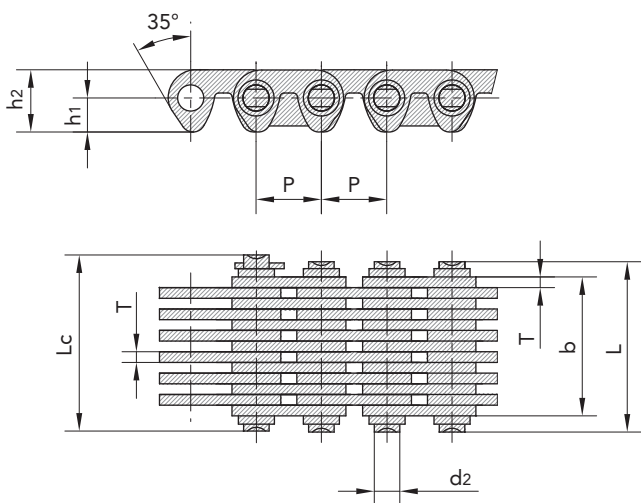
Inverted tooth chain

Crotch contact silent chain

| SFR | Pitch | Chain width | Pin diameter | Pin length | | Distance from hole center to tooth | Plate depth | Plate thickness | Guide type | Number of pitch | Ultimate tensile strength | Average tensile strength | Weight per meter |
|---------------|-------|--------------------|--------------------|------------|--------------------|------------------------------------|--------------------|-----------------|------------|-----------------|---------------------------|--------------------------|------------------|
| SFR Chain No. | P | b ₁ min | d ₂ max | L max | L _c max | d ₂ max | h ₂ max | T max | | P _t | Q _{min} | Q ₀ | q |
| | mm | mm | mm | mm | mm | mm | mm | mm | | mm | kN/lbf | kN | kg/m |
| C4-120 | 12.7 | 19.5 | 5.08 | 24.5 | 26.0 | 6.62 | 12.1 | 1.5 | 内(Inside) | 13 | 20.0/4545 | 22.2 | 1.20 |
| C4-123 | | 22.5 | | 27.5 | 29.0 | | | | 内(Inside) | 15 | 23.0/5227 | 25.5 | 1.37 |
| C4-129 | | 28.5 | | 33.5 | 35.0 | | | | 内(Inside) | 19 | 28.5/6477 | 31.6 | 1.72 |
| C4-132 | | 31.5 | | 36.5 | 38.0 | | | | 内(Inside) | 21 | 31.5/7159 | 34.9 | 1.89 |
| C4-138 | | 37.5 | | 42.5 | 44.0 | | | | 内(Inside) | 25 | 38.0/8636 | 42.1 | 2.22 |
| C4-150 | | 49.5 | | 54.5 | 56.0 | | | | 内(Inside) | 33 | 50.0/11363 | 55.5 | 2.90 |
| C4-320 | 12.7 | 19.5 | 5.08 | 24.5 | 26.0 | 6.62 | 12.1 | 1.5 | 外(Outside) | 13 | 20.0/4545 | 22.2 | 1.21 |
| C4-323 | | 22.5 | | 27.5 | 29.0 | | | | 外(Outside) | 15 | 23.0/5227 | 25.5 | 1.38 |
| C4-329 | | 28.5 | | 33.5 | 35.0 | | | | 外(Outside) | 19 | 28.5/6477 | 31.6 | 1.73 |
| C4-332 | | 31.5 | | 36.5 | 38.0 | | | | 外(Outside) | 21 | 31.5/7159 | 34.9 | 1.90 |
| C4-338 | | 37.5 | | 42.5 | 44.0 | | | | 外(Outside) | 25 | 38.0/8636 | 42.1 | 2.23 |

Middle guide

Side guide

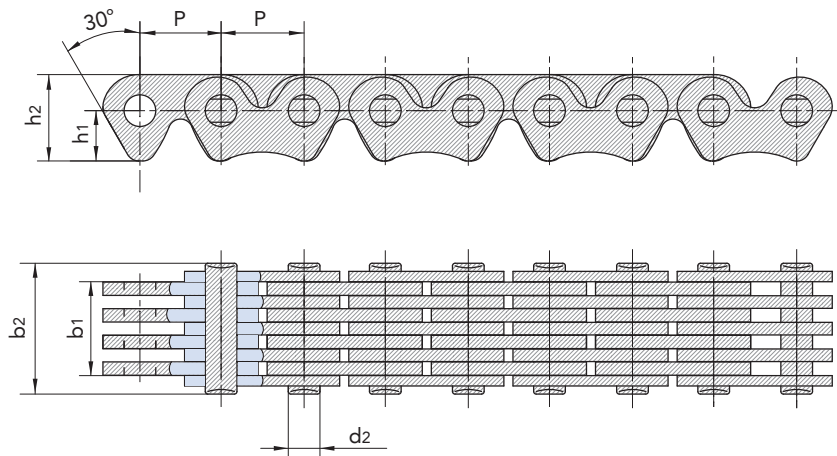


Automotive engine timing silent chain

Automotive engine timing silent chain

| SFR | Pitch | Compound mode | Pin diameter | Plate depth | Width between inner plates | Pin length | Ultimate tensile strength | Weight per meter |
|---------------|-------|---------------|--------------------|--------------------|----------------------------|--------------------|---------------------------|------------------|
| SFR Chain No. | P | P | d ₁ max | h ₁ max | b ₁ min | b ₂ max | Q min | q |
| | mm | mm | mm | mm | mm | kN | kN | kg/m |
| SCR04F-9 | 6.350 | 4 x 5 | 2.25 | 6.98 | 8.80 | 12.20 | 12.5 | 0.406 |
| SCR04G-9 | 6.350 | 4 x 5 | 2.40 | 6.70 | 7.75 | 11.00 | 10.8 | 0.348 |
| SCR04G-9 | 6.350 | 4 x 5 | 2.52 | 6.80 | 8.55 | 11.80 | 13.5 | 0.391 |
| SCR04E-9 | 6.350 | 4 x 5 | 2.40 | 6.70 | 7.15 | 10.40 | 9.8 | 0.267 |
| CL04H-9 | 6.350 | 4 x 5 | 2.52 | 7.15 | 8.60 | 12.70 | 11.2 | 0.421 |
| CL04Y-9 | 6.350 | 4 x 5 | 2.52 | 8.20 | 11.10 | 15.40 | 15.2 | 0.560 |
| CL04-9 | 6.350 | 4 x 5 | 2.52 | 7.10 | 8.70 | 12.20 | 12.5 | 0.442 |
| SC3-8 | 7.620 | 4 x 4 | 2.78 | 8.95 | 7.90 | 11.78 | 11.2 | 0.460 |
| SCR05F-8 | 8.000 | 4 x 4 | 2.91 | 9.35 | 8.00 | 11.70 | 12.0 | 0.500 |
| SCR05-9 | 8.000 | 4 x 5 | 3.05 | 8.25 | 8.90 | 13.10 | 12.0 | 0.523 |
| SCR05-15 | 8.000 | 7 x 8 | 3.05 | 8.25 | 17.00 | 21.00 | 23.5 | 0.866 |
| SCR08E-8 | 9.525 | 4 x 4 | 3.78 | 9.90 | 9.40 | 13.20 | 14.0 | 0.634 |

Automotive engine timing silent chain is mainly applied to automotive engine timing system, is a key component of an engine. It has advantages of high strength, durability and silence.

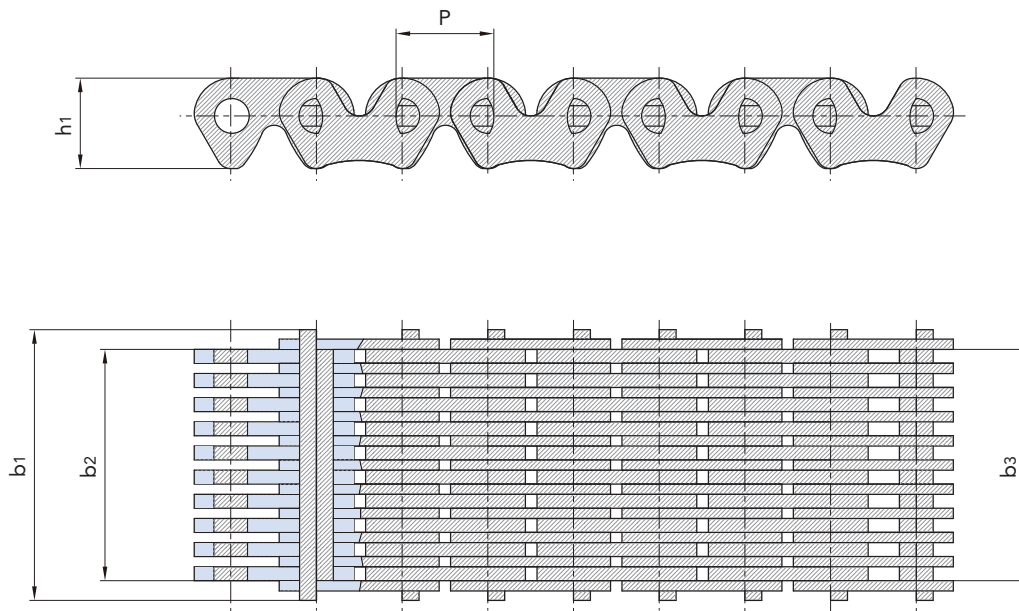


Rocker joint type silent chain

Rocker joint type silent chain

| SFR | Pitch | Compound mode | Short pin length | Long pin length | Height of chain | Ultimate tensile strength |
|---------------|---------|---------------|--------------------|--------------------|-----------------|---------------------------|
| SFR Chain No. | P | P | b ₁ max | b ₂ max | q | Q min |
| | mm | mm | mm | kN | kg/m | kN |
| HV06-9 | 9.5250 | 4 x 5 | 10.48 | 14.06 | 12.25 | 26.5 |
| HV08-21 | 11.0388 | 10 x 11 | 29.80 | 34.00 | 14.95 | 73.0 |

Rocker joint type silent chain is mainly used for four - wheel drive transfer case and gearbox drive system, which is the core component for the drive system. Special rocker joint pin dual - meshing design makes its structure different from the ordinary round pin type silent chain and thus reducing the polygon effect and noise effectively. This chain has superior performance with high strength, high wear resistance and high torque transmission in different conditions.



Round pin type silent chain

Round pin type silent chain

| SFR | Pitch | Compound mode | Pin diameter | Plate depth | Width between inner plates | Pin length | Ultimate tensile strength | Weight per meter |
|---------------|-------|---------------|--------------------|--------------------|----------------------------|--------------------|---------------------------|------------------|
| SFR Chain No. | P | P | d ₂ max | h ₁ max | b ₁ min | b ₂ max | Q min | q |
| | mm | mm | mm | mm | mm | kN | kN | kg/m |
| SC06-9 | 9.525 | 4 x 5 | 3.58 | 11.6 | 10.80 | 16.0 | 18.5 | 0.81 |
| SC06-11 | 9.525 | 5 x 6 | 3.58 | 11.6 | 13.70 | 19.2 | 23.5 | 0.99 |
| SC06-13 | 9.525 | 6 x 7 | 3.58 | 11.6 | 16.80 | 22.3 | 27.5 | 1.16 |
| SC06W-9 | 9.525 | 4 x 5 | 3.58 | 10.2 | 11.05 | 16.2 | 14.5 | 0.80 |
| C3LH-11 | 9.525 | 5 x 6 | 3.58 | 10.8 | 14.00 | 18.9 | 24.6 | 0.95 |

Rocker joint type silent chain is mainly used for transfer case and gearbox drive system, which is the core component for the drive system, the chain is made of superior quality steel, isothermal quenching plates, which is specially suitable for several conditions such as high strength, high wear resistance, low noise, or high torque.

