# Chain Hoist C4 QP Quad Pawl

**Product information**



The William Hackett C4 QP chain hoist incorporates the four-pawl mechanical engagement functionality. The unique and patented pawl design enhances the capabilities of the hoist allowing all four pawls to engage with the ratchet gear in an offset configuration allowing finer adjustment and tensioning capability while maintaining pawl/ratchet engagement.  This improves the hoist's -

- Resilience to failure.
- Capability to provide finer adjustment and tensioning operations.

The design and specification of the William Hackett C4 QP chain hoist includes:

- LIGHT LOAD CAPABILITY: tested and certified at 2% of the chain hoist rated capacity.
- QUAD PAWL (QP): Endurance tested to twice the industry norm.
- SAFETY LATCHES: hooks are fitted with heavy duty cast steel latches. The latch and hook tip are integrated creating a strong and robust hook closure.
- HOOK OVERLOAD AND TRACEABILITY MARKS: hooks have overload indicator marks either side of the hook throat (500kg to 10t). Both top and bottom hooks are embossed with a batch code, manufacturer's mark and the working load limit for full traceability and compliance to international standards.
- HAND CHAIN JOINER: a unique hand chain joiner is used as a quick and secure method of joining the hand chain.
- HOOK HOUSING: secured with socket head cap screws/hex head bolts and nyloc insert locking nuts to allow full inspection.
- FLEETING/CROSS HAULING: independently tested (test report 2550-7615) for fleeting or cross hauling applications up to 45° from the vertical without deration of the WLL.
- LOAD CHAIN
- OVERLOAD LIMITER available upon request

... *Read more*

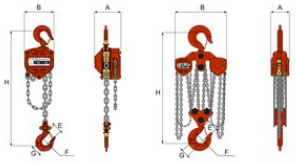
**Temperature range:** -20°C up to +120°C

**Safety factor:** 4:1

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## Blueprint



## Technical data

| Part code | WLL ton | Lifting height m | Number of falls | A mm | B mm | E mm | F mm | G mm | H min mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| 500100050000360 | 0.5 | 3 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 11.1 |
| 500100050600361 | 0.5 | 6 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 12.12 |
| 500100050600364 | 0.5 | 6 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 16.2 |
| 500100050900360 | 0.5 | 9 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 21.9 |
| 500100051200360 | 0.5 | 12 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 27.6 |
| 500100051500360 | 0.5 | 15 | 1 | 134 | 155 | 26.5 | 34.6 | 41.7 | 306 | 33.3 |
| 500100100000360 | 1 | 3 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 11.1 |
| 500100100600364 | 1 | 6 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 16.2 |
| 500100100600361 | 1 | 6 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 16.23 |
| 500100100900360 | 1 | 9 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 21.9 |
| 500100101200360 | 1 | 12 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 27.6 |
| 500100101500360 | 1 | 15 | 1 | 134 | 155 | 26.5 | 42.5 | 49.4 | 306 | 33.3 |
| 500100160000360 | 1.6 | 3 | 1 | 151 | 173 | 32.5 | 42.5 | 52 | 368 | 16.8 |
| 500100160600360 | 1.6 | 6 | 1 | 151 | 173 | 32.5 | 42.5 | 52 | 368 | 23.8 |
| 500100160900360 | 1.6 | 9 | 1 | 151 | 173 | 32.5 | 42.5 | 52 | 368 | 30 |
| 500100161200360 | 1.6 | 12 | 1 | 151 | 173 | 32.5 | 42.5 | 52 | 368 | 36.6 |
| 500100161500360 | 1.6 | 15 | 1 | 151 | 173 | 32.5 | 42.5 | 52 | 368 | 43.2 |
| 500100200000360 | 2 | 3 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 16.8 |
| 500100200600364 | 2 | 6 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 23.4 |
| 500100200600361 | 2 | 6 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 23.52 |
| 500100200900360 | 2 | 9 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 30 |
| 500100201200360 | 2 | 12 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 36.6 |

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| Part code | WLL ton | Lifting height m | Number of falls | A mm | B mm | E mm | F mm | G mm | H min mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| 500100201500360 | 2 | 15 | 1 | 157 | 185 | 36.5 | 44.5 | 55 | 445 | 43.2 |
| 500100320000360 | 3.2 | 3 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 24.2 |
| 500100320600361 | 3.2 | 6 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 34.94 |
| 500100320600364 | 3.2 | 6 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 35 |
| 500100320900360 | 3.2 | 9 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 45.8 |
| 500100321200360 | 3.2 | 12 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 56.6 |
| 500100321500360 | 3.2 | 15 | 2 | 157 | 235 | 43.5 | 49.5 | 61.9 | 520 | 67.4 |
| 500100500000360 | 5 | 3 | 2 | 180 | 262 | 51 | 60 | 84.3 | 600 | 38.4 |
| 500100500600360 | 5 | 6 | 2 | 180 | 262 | 51 | 60 | 84.3 | 600 | 54 |
| 500100500900360 | 5 | 9 | 2 | 180 | 262 | 51 | 60 | 84.3 | 600 | 69.6 |
| 500100501200360 | 5 | 12 | 2 | 180 | 262 | 51 | 60 | 84.3 | 600 | 85.2 |
| 500100501500360 | 5 | 15 | 2 | 180 | 262 | 51 | 60 | 84.3 | 600 | 100.8 |
| 500100750000360 | 7.5 | 3 | 3 | 192 | 373 | 64 | 85 | 86 | 740 | 58.2 |
| 500100750600360 | 7.5 | 6 | 3 | 192 | 373 | 64 | 85 | 86 | 740 | 81 |
| 500100750900360 | 7.5 | 9 | 3 | 192 | 373 | 64 | 85 | 86 | 740 | 103.8 |
| 500100751200360 | 7.5 | 12 | 3 | 192 | 373 | 64 | 85 | 86 | 740 | 126.6 |
| 500100751500360 | 7.5 | 15 | 3 | 192 | 373 | 64 | 85 | 86 | 740 | 149.4 |
| 500101000000360 | 10 | 3 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 68.9 |
| 500101000600361 | 10 | 6 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 97.4 |
| 500101000600364 | 10 | 6 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 97.4 |
| 500101000900360 | 10 | 9 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 125.9 |
| 500101001200360 | 10 | 12 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 154.4 |
| 500101001500360 | 10 | 15 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 179.9 |
| 500101500000360 | 15 | 3 | 6 | 210 | 406 | 80 | 100 | - | 1,000 | 116.7 |
| 500101500600360 | 15 | 6 | 4 | 180 | 365 | 64 | 85 | 90 | 760 | 158.4 |
| 500101500900360 | 15 | 9 | 6 | 210 | 406 | 80 | 100 | - | 1,000 | 200.1 |
| 500101501200360 | 15 | 12 | 6 | 210 | 406 | 80 | 100 | - | 1,000 | 241.8 |
| 500101501500360 | 15 | 15 | 6 | 210 | 406 | 80 | 100 | - | 1,000 | 283.5 |
| 500102000000360 | 20 | 3 | 8 | 225 | 550 | 80 | 110 | - | 1,150 | 149.5 |
| 500102000600360 | 20 | 6 | 8 | 225 | 550 | 80 | 110 | - | 1,150 | 206.5 |
| 500102000900360 | 20 | 9 | 8 | 225 | 550 | 80 | 110 | - | 1,150 | 263.5 |

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| Part code | WLL ton | Lifting height m | Number of falls | A mm | B mm | E mm | F mm | G mm | H min mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|
| 500102001200360 | 20 | 12 | 8 | 225 | 550 | 80 | 110 | - | 1,150 | 320.5 |
| 500102001500360 | 20 | 15 | 8 | 225 | 550 | 80 | 110 | - | 1,150 | 377.5 |
| 500103000600360 | 30 | 6 | 12 | 460 | 800 | 80 | 112 | - | 1,850 | 423.1 |
| 500103000900360 | 30 | 9 | 12 | 460 | 800 | 80 | 112 | - | 1,850 | 506.2 |
| 500103000000360 | 30 | 3 | 12 | 460 | 800 | 80 | 112 | - | 1,850 | 515 |
| 500103001200360 | 30 | 12 | 12 | 460 | 800 | 80 | 112 | - | 1,850 | 589.3 |
| 500103001500360 | 30 | 15 | 12 | 460 | 800 | 80 | 112 | - | 1,850 | 672.4 |
| 500105000000360 | 50 | 3 | 20 | 580 | 840 | 133 | 141 | - | 2,000 | 750 |
| 500105000600360 | 50 | 6 | 20 | 580 | 840 | 133 | 141 | - | 2,000 | 887.4 |
| 500105000900360 | 50 | 9 | 20 | 580 | 840 | 133 | 141 | - | 2,000 | 1,024.8 |
| 500105001200360 | 50 | 12 | 20 | 580 | 840 | 133 | 141 | - | 2,000 | 1,162.2 |
| 500105001500360 | 50 | 15 | 20 | 580 | 840 | 133 | 141 | - | 2,000 | 1,299.6 |

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