

## 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

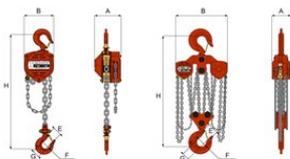
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**Temperature range:** -20°C up to +120°C

**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 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 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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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