# Grade 8 Lifting Chain

## Grade 8 Lifting Chain

William Hackett Grade 8 Lifting Chain is manufactured by our supply chain partner Mckinnon chain in South Africa. The Grade 8 chain is embossed with manufacturer's mark and grade (MA8) and class leading batch code traceability. All sizes for the William Hackett Grade 8 are proof tested at manufacture to 2.5 times the given working load limit and have a range of diameters from 7mm - 32mm. The Hackett Grade 8 chain is suitable for use in a temperature range of -40°C up to 200°C without reduction in working load limit, reductions apply up to 400°C. The chain is black painted and is used in our Hack8 chain sling system.

**Standards:** designed and manufactured in accordance with EN818-2 and ASTM A391/A391M.

**Product sizes:** available in chain sizes from 7mm to 32mm and with working load limits from 1.5 tonnes to 31.5 tonnes.

**Temperature:** operational temperature range of - 40°C to + 200°C without reduction in working load limit. Reductions apply up to 400°C.

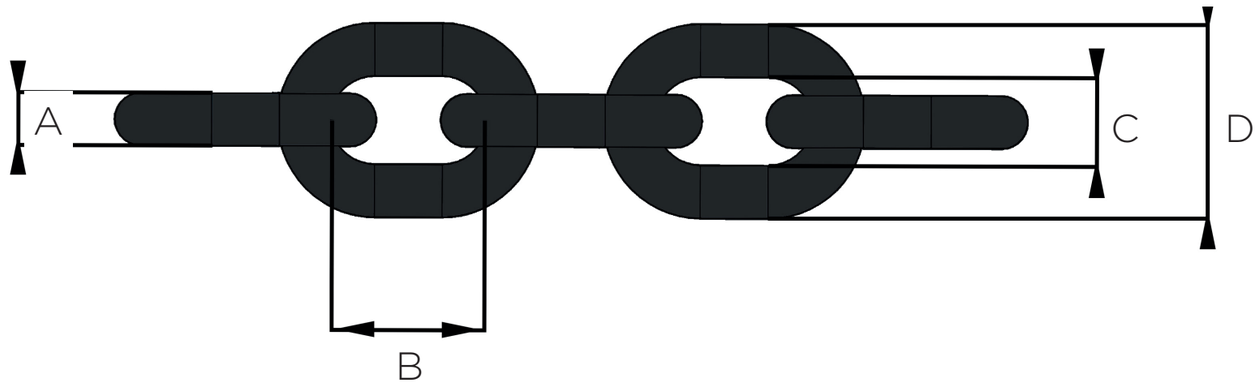
**Material:** alloy steel.

**Finish:** black painted.

**Markings:** embossed with manufacturer's mark, grade, and batch code for material traceability.

**Testing:** magnaflux crack detected after heat treatment and proof load tested to 2.5 times working load limit.

**Safety factor:** 4 : 1.




## Metric Specifications

| PART CODE | CHAIN SIZE A (Nominal) mm | PITCH B (Nominal) mm | WIDTH C (Minimum) mm | WIDTH D (Maximum) mm | WLL tonnes | MASS per metre kg | METRES per Drum |
|---|---|---|---|---|---|---|---|
| AS1.070.5 | 7.0 | 21.0 | 9.1 | 25.9 | 1.5 | 1.10 | 500 |
| AS1.080.5 | 8.0 | 24.0 | 10.4 | 29.6 | 2.0 | 1.50 | 350 |
| AS1.100.5 | 10.0 | 30.0 | 13.0 | 37.0 | 3.15 | 2.20 | 250 |
| AS1.130.5 | 13.0 | 39.0 | 16.9 | 48.1 | 5.3 | 3.80 | 150 |
| AS1.160.5 | 16.5 | 48.0 | 20.8 | 59.2 | 8.0 | 5.80 | 100 |
| AS1.200.5 | 20.0 | 60.0 | 26.0 | 74.0 | 12.5 | 9.10 | 60 |
| AS1.220.5 | 22.0 | 66.0 | 28.6 | 81.4 | 15.0 | 11.00 | 50 |
| AS1.260.5 | 26.0 | 78.0 | 33.8 | 96.2 | 21.2 | 15.30 | 30 |
| AS1.320.5 | 32.0 | 96.0 | 41.6 | 118.0 | 31.5 | 23.20 | 30.5 |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LEEA
Full Member

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**Standards:** designed and manufactured in accordance with EN818-2 and ASTM A391/A391M

**Product sizes:** available in chain sizes from 9/32 inches to 1-1/4 inches and with working load limits from 3,500 lbs to 72,300 lbs.

**Temperature:** operational temperature range of - 40°C to + 200°C without reduction in working load limit. Reductions apply up to 400°C.

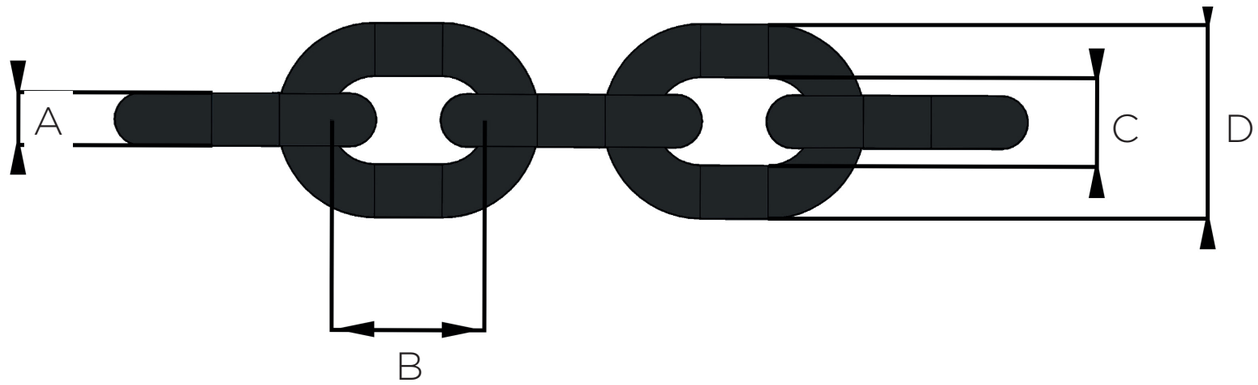
**Material:** alloy steel.

**Finish:** black painted.

**Markings:** embossed with manufacturer's mark, grade, and batch code for material traceability.

**Testing:** magnaflux crack detected after heat treatment and proof load tested to 2.5 times working load limit.

**Safety factor:** 4 : 1.




## Imperial Specifications

| PART CODE | CHAIN SIZE A (Nominal) inches | PITCH B (Nominal) inches | WIDTH C (Minimum) inches | WIDTH D (Maximum) inches | WLL lbs | MASS per metre lbs | FEET per Drum |
|---|---|---|---|---|---|---|---|
| AS1.070.5 | 9/32 | 0.83 | 0.35 | 1.02 | 3,500 | 2.43 | 1640 |
| AS1.080.5 | 5/16 | 0.94 | 0.40 | 1.17 | 4,500 | 3.31 | 1148 |
| AS1.100.5 | 3/8 | 1.18 | 0.51 | 1.46 | 7,100 | 4.85 | 820 |
| AS1.130.5 | 1/2 | 1.54 | 0.66 | 1.90 | 12,000 | 8.38 | 492 |
| AS1.160.5 | 5/8 | 1.89 | 0.82 | 2.33 | 18,100 | 12.77 | 328 |
| AS1.200.5 | 3/4 | 2.36 | 1.02 | 2.91 | 28,300 | 20.06 | 196 |
| AS1.220.5 | 7/8 | 2.60 | 1.12 | 3.20 | 34,200 | 24.25 | 164 |
| AS1.260.5 | 1 | 3.07 | 1.33 | 3.79 | 47,700 | 33.73 | 98 |
| AS1.320.5 | 1-1/4 | 3.78 | 1.63 | 4.65 | 72,300 | 51.15 | 100 |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