
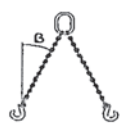
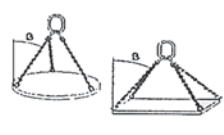


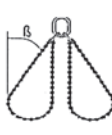

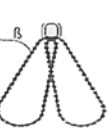


COBRA
GRADE 80 CHAIN & FITTINGS

GT Cobra Grade 80 Chain Sling Working Load Limit

Safety factor	1 leg	2 legs		3 or 4 legs		Choker endless sling	Basket Sling			
4										
Working angles	-	0° < β ≤ 45°	45° < β ≤ 60°	0° < β ≤ 45°	45° < β ≤ 60°	-	0° < β ≤ 45°	0° < β ≤ 45°	0° < β ≤ 45°	0° < β ≤ 45°
Load factor	1	1.4	1	2.1	1.5	1.6	1.4	2.1	1	1.4
d mm	Working Load Limit in tonnes									
7	1.50	2.12	1.50	3.15	2.24	2.50	2.12	3.15	1.50	2.12
8	2.00	2.80	2.00	4.25	3.00	3.15	2.80	4.25	2.00	2.80
10	3.15	4.25	3.15	6.70	4.75	5.00	4.25	6.70	3.15	4.25
13	5.30	7.50	5.30	11.20	8.00	8.50	7.50	11.20	5.30	7.50
16	8.00	11.20	8.00	17.00	11.80	12.50	11.20	17.00	8.00	11.20
20	12.50	17.00	12.50	26.50	19.00	20.00	17.00	26.50	12.50	17.00
22	15.00	21.20	15.00	31.50	22.40	23.60	21.20	31.50	15.00	21.20
26	21.20	30.00	21.20	45.00	31.50	33.50	30.00	45.00	21.20	30.00
32	31.50	45.00	31.50	67.00	47.50	50.00	45.00	67.00	31.50	45.00

ADVICE FOR USE

DO'S ...

- **Do** check the condition of the slings before each load.
- **Do** check the chain legs are not twisted.
- **Do** check that the load is on the centre of the hook and not the tip.
- **Do** ensure GT Cobra alloy chain slings are used by trained personnel as improper use could lead to personal injury and damage to property.

DON'TS ...

- **Don't** use the sling over the maximum working load limit.
- **Don't** load with the convergence angle over 120°.
- **Don't** shock load in either a slight, medium or strong way.
- **Don't** use GT Cobra grade 80 alloy chains in pickling or acid baths or in corrosive atmospheres.
- **Don't** submit the chains to heat treatment.
- **Don't** utilise the chains and accessories outside the temperature range -40° and +200°C.

USER INFORMATION

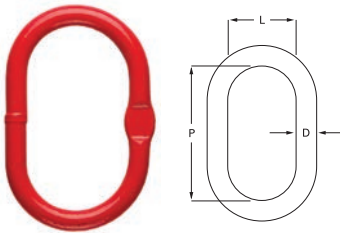
- The loadings used for GT Cobra alloy chain slings are determined on the basis that the item is used in a symmetrical format in a multi leg sling.
- GT Cobra alloy chain slings should not be used in hazardous conditions which would include offshore applications, the lifting of people or dangerous loads such as liquid metals, nuclear, corrosive or caustic substances and materials.
- If an asymmetrical lift is required of a GT Cobra alloy chain sling, it should be referred back to the supplier to establish a safe lift procedure.
- If a GT Cobra alloy chain sling is being used against sharp edges or corners, the W.L.L. will be affected and should be referred to the supplier to establish a safe lift load limit.

Grade 80 Chain



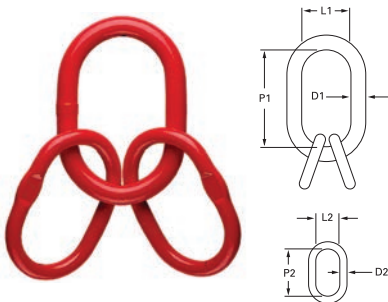
code	dia. (mm)	pitch (mm)	inside width (mm)	W.L.L (kgs)	weight (kg/mtr)
K0111	7	21	9	1500	1.1
K0117	8	24	10.8	2000	1.85
K0112	10	30	14	3150	2.2
K0113	13	39	17.5	5300	3.8
K0114	16	48	21.5	8000	5.7
K0116	20	60	27	12500	9
K0118	22	66	30	15000	10.9
K0119	26	78	35	21200	15.2
K0120	32	96	43	31500	23

GT Cobra Grade 80 Master Links



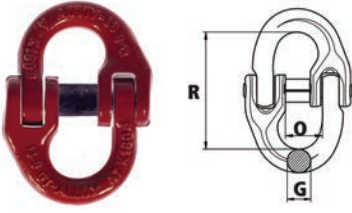
code	D (mm)	P (mm)	L (mm)	W.L.L. (tonnes)	weight (kgs/each)
N0900	11	83	40	2.1	0.2
N0901	13	95	54	2.7	0.3
N0902	13	115	60	2.7	0.4
N0904	16	120	70	4.1	0.6
N0906	16	190	100	3.2	0.9
N0905	20	150	82	6.7	1.1
N0907	20	170	90	6.5	1.3
N0908	22	170	90	8.2	1.56
N0909	22	210	110	7.2	1.9
N0921	22	270	140	5.8	2.5
N0910	25	190	100	10.7	2.3
N0911	28	210	110	12.9	3.2
N0912	28	270	140	11.8	3.81
N0913	32	270	140	17.1	5.3
N0914	38	270	140	28.1	7.5
N0915	38	420	220	19.1	11.0
N0916	45	320	170	38.3	12.5
N0917	45	470	250	27.6	17.5
N0918	50	380	200	45.0	18.0
N0919	60	430	220	65.3	28.85
N0920	70	500	250	84.4	45.48

GT Cobra Grade 80 Master Link Assemblies



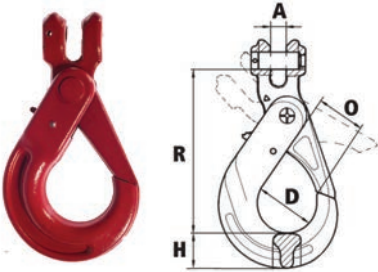
code	D 1 (mm)	P 1 (mm)	L 1 (mm)	D 2 (mm)	P 2 (mm)	L 2 (mm)	W.L.L (tonnes)	weight (kgs/each)
N0951	16	120	70	13	95	54	4.1	1.2
N0952	20	170	90	16	120	70	6.5	2.5
N0953	22	170	90	20	150	80	8.2	3.8
N0954	22	270	140	16	150	75	5.8	3.3
N0955	25	190	100	20	150	80	10.7	4.5
N0959	28	210	110	22	170	90	12.9	6.4
N0956	28	270	140	20	140	70	11.8	5.6
N0957	32	270	140	25	190	100	17.1	9.9
N0958	38	270	140	32	270	140	28.1	18.2
N0960	45	320	170	38	270	140	38.3	26.8
N0961	50	380	200	38	270	140	45	33.2
N0962	70	450	250	50	280	160	70	70.2

GT Cobra Grade 80 Component Connector



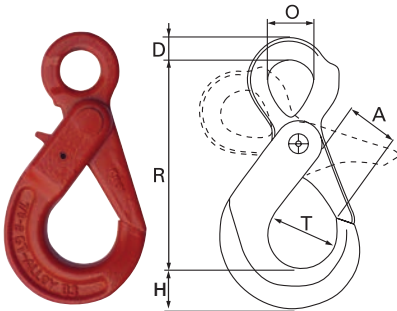
code	chain dia. (mm)	O (mm)	R (mm)	G (mm)	W.L.L (tonnes)	weight (kgs/each)
K1610	7/8	18	62.5	8.5	2	0.146
K1603	10	25	68	10.8	3.15	0.3
K1604	13	29	87	15	5.3	0.7
K1605	16	34.5	108.4	19.8	8	1.3
K1606	20	41	121.5	24	12.5	2.1
K1607	22	48	141.5	26	15	3.2
K1608	26	57.5	158	30	21.2	4.5
K1609	32	67	205	37	31.5	9

GT Cobra Grade 80 Clevis Type Self Locking Hook



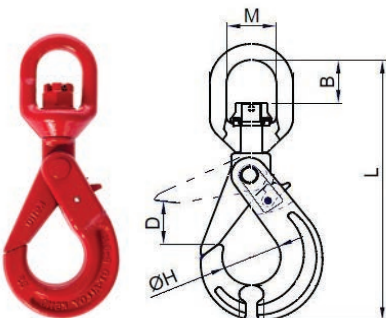
code	chain dia. (mm)	O (mm)	A (mm)	H (mm)	D (mm)	R (mm)	W.L.L (tonnes)	weight (kgs/each)
K1801	7/8	34	9.5	24	46	121	2	0.8
K1802	10	44	12	30	56	146	3.15	1.5
K1803	13	52	15	40	69	182	5.3	2.8
K1804	16	60	18	50.5	86	218	8	5.6
K1805	20	83	25	55	100	240	12.5	7.5

GT Cobra Grade 80 Eye Type Self Locking Hook



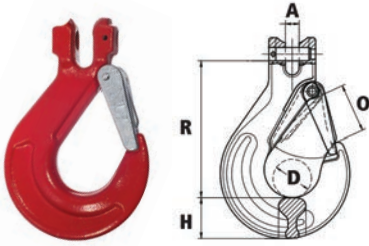
code	chain dia. (mm)	A (mm)	D (mm)	H (mm)	O (mm)	T (mm)	R (mm)	W.L.L (tonnes)	weight (kgs/each)
K1851	7/8	34	12	24	25	46	136	2	0.8
K1852	10	44	15	30	32	56	171	3.15	1.55
K1853	13	52	19.5	40	40.5	69	208.5	5.3	3.2
K1854	16	60	22	50.5	56	86	257.5	8	5.74

GT Cobra Grade 80 Swivel Self Locking Hook



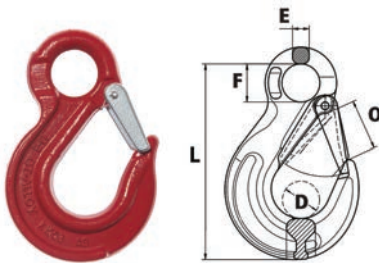
code	chain dia. (mm)	B (mm)	D (mm)	H (mm)	L (mm)	M (mm)	W.L.L (tonnes)	weight (kgs/each)
K5110	7/8	26	34	46	210	35.5	2	1.1
K5111	10	34	44	56	247	42	3.15	2.0
K5112	13	38.5	52	69	302	50	5.3	4.0
K5113	16	55	60	86	383	61	8	7.3

GT Cobra Grade 80 Clevis Type Sling Hook with Safety Catch



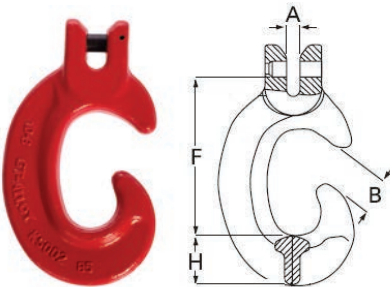
code	chain dia. (mm)	A (mm)	D (mm)	H (mm)	R (mm)	O (mm)	W.L.L (tonnes)	weight (kgs/each)
K1501	7/8	9.5	37	32.5	85.5	29	2	0.52
K1502	10	13	46	35	104	39	3.15	1.05
K1503	13	16.5	56	42.5	128	47	5.3	2
K1504	16	21.5	60	54	150	55	8	3.7
K1505	20	24	79	58	180	61	12.5	6
K1506	22	27	101	62	213	72	15	10.4

GT Cobra Grade 80 Eye Type Sling Hook with Safety Catch



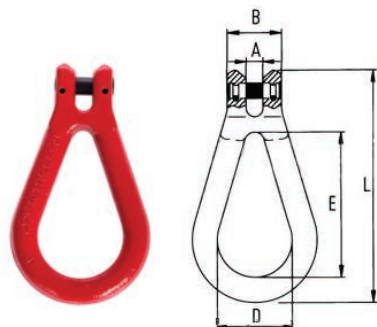
code	chain dia. (mm)	E (mm)	O (mm)	D (mm)	F (mm)	L (mm)	W.L.L (tonnes)	weight (kgs/each)
K1551	7/8	11	30	26	25	122	2	0.4
K1552	10	15	34	39	38	152	3.15	0.9
K1553	13	19	39	54	43	194	5.3	1.83
K1554	16	23	46	64	50	232	8	3.2
K1555	20	24	48	80	62	281	12.5	5.8
K1556	22	32	71	80	62	316	15	9.2
K1557	26	35	81	82	64	359	21.2	13
K1558	32	37	102	112	88	443	31.5	17

GT Cobra Grade 80 Clevis 'C' Hook



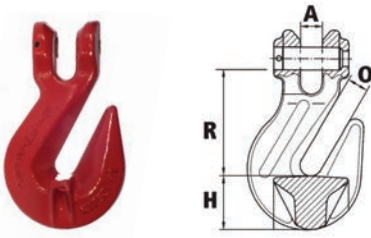
code	chain dia. (mm)	A (mm)	B (mm)	F (mm)	H (mm)	W.L.L (tonnes)	weight (kgs/each)
K5001	7/8	9.5	20	90	28	2	0.57
K5002	10	13	29.5	127	39.5	3.15	1.4
K5003	13	16.5	39.5	166.5	52	5.3	3.0
K1004	16	18.5	46.5	206	59	8	5.4

GT Cobra Grade 80 Clevis Reeveable Egg Link



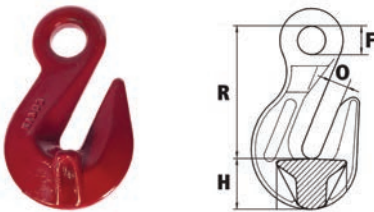
code	chain dia. (mm)	A (mm)	B (mm)	D (mm)	E (mm)	L (mm)	W.L.L (tonnes)	weight (kgs/each)
K2001	7/8	10	32.8	45	87	139	2	0.53
K2002	10	12	42	60	108	174	3.15	0.74
K2003	13	16.5	55.5	66.5	137.5	228	5.3	1.76
K2004	16	19	68	72	165	264	8	2.8

GT Cobra Grade 80 Clevis Type Grab Hook



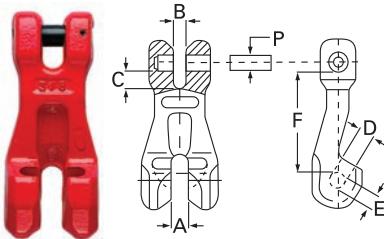
code	chain dia. (mm)	A (mm)	O (mm)	H (mm)	R (mm)	W.L.L (tonnes)	weight (kgs/each)
K1751	7/8	9.5	10.5	21.6	68.4	2	0.32
K1752	10	12.5	13	30	96	3.15	0.73
K1753	13	15	16.5	42.5	121	5.3	1.6
K1754	16	19.5	19	45.5	138	8	2.8
K1755	20	24	24	56	163	12.5	5.0
K1756	22	27	27	68.5	185.5	15	6.3

GT Cobra Grade 80 Eye Type Grab Hook



code	chain dia. (mm)	O (mm)	F (mm)	H (mm)	R (mm)	W.L.L (tonnes)	weight (kgs/each)
K1701	7/8	10.8	17	18.5	60.5	2	0.24
K1702	10	13	20	29	79.5	3.15	0.65
K1703	13	16.5	26	42.8	99.7	5.3	1.39
K1704	16	19.2	30	45.7	104	8	2.2
K1705	20	24	37	56	140	12.5	4.6

GT Cobra Grade 80 Clevis Shortening Clutches



code	chain dia. (mm)	A/B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	P (mm)	W.L.L (tonnes)	weight (kgs/each)
K1901	7/8	9.5	14	10.5	17	61.7	9.2	2	0.41
K1902	10	13	18.4	12.4	28	92	13.2	3.15	0.97
K1903	13	16.5	22.7	16	34.5	115	16.2	5.3	2.01
K1904	16	21	28.5	19.5	40	143	20	8	3.32
K1905	20	23.5	33.6	23	46	152	24.3	12.5	6.2

GT Cobra Grade 80 Load & Retaining Pins




chain dia. (mm)	To Suit Self Locking Hooks	To Suit Sling Hooks	To Suit Grab Hooks	To Suit 'C' Hooks
7/8	X0501	X0511	X0521	X0531
10	X0502	X0512	X0522	X0532
13	X0503	X0513	X0523	X0533
16	X0504	X0514	X0524	X0534
20	X0505	X0515	X0525	-

GT Cobra Grade 80 Centre Pins & Bushes




chain dia. (mm)	code
7/8	X0762
10	X0763
13	X0764
16	X0765
20	X0766

GT Cobra Grade 80 Locking System Trigger Kits



chain dia. (mm)	code
7/8	X1711
10	X1712
13	X1713
16	X1714
20	X1715

GT Cobra Grade 80 Safety Catch Kits for Hooks



chain dia. (mm)	code
7/8	K0661
10	K0662
13	K0663
16	K0664
20	K0665

USER INFORMATION

GT Cobra alloy chain slings and accessories can be used for general lifting purposes covering a wide range of designs, loads, slings and follows the uniform method of rating as standard.

Chain slings should be used by trained personnel and it is important users act responsibly when using the equipment.

For details on reduction of load capacity caused by temperatures, please see the full safe instructions on www.gtlifting.co.uk.

If wear on any product exceeds 5% of the original dimensions then it must be taken out of service.

All GT Cobra alloy chain & fittings should not be used in acid or caustic environments. The high tensile strength of the heat treated alloy material is susceptible to hydrogen embrittlement when exposed to these substances and atmospheres.

Before using any piece of lifting equipment for the first time:-

- **Ensure that** a chain sling corresponds exactly to the order and that a certificate of conformity has been supplied.
- **Ensure that** the marking and capacity on the chain sling corresponds to the information given on the certificate of conformity.
- **Ensure that** any particulars of a chain sling are entered into a register of lifting equipment.
- **Ensure that** safe use instructions have been supplied and read by personnel.

It is recommended that the period of examination be as per the requirements of LOLER (Lifting Operations and Lifting Equipment Regulations 1998) or as part of an agreed written and detailed plan, between a competent person and the owner of the chain sling.

Products temperature (°C)	Reduction in working load limit
-40 ~ 200	None
200 ~ 300	10%
300 ~ 400	25%
Above 400	Do not use



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