BK Safety Hook

The Original

In 1965, the innovative Gunnebo Industries BK Safety Hook increased job site safety in the construction industry. Today the BK Safety Hook is the foundation of the renowned BK product family.

Watch a BK Safety Hook with Double Latch BKD demo at kitocrosby.com/BKBKDdemo

4

Clear markings

- Country of origin.
- Traceability codes.
- Model, size, and grade.

Increased flexibility

- The eye design enables connection to not only G-links, but also C-links and Berglok.
- The design makes the BK hook suitable for steel wire ropes.

Flat section

- For attachment to other GrabiQ or wire components.

Heavy duty rivet

- Recessed rivet for a slim design.
- Decreases the risk of snagging.
- Ideal in narrow spaces.

Latch rotation stop

- Protects the trigger mechanism from damage.

Quality is top priority

- Fatigue tested.
- Forged alloy steel.
- Hardened and tempered.
- Every hook is individually proof-loaded at 2.5 x WLL.
- Full traceability back to the raw material.

Replaceable trigger set

- Quick and easy assembly.
- Available as a complete spare part kit.

Precision manufacturing

- Perfect fit between the parts.
- Increases safety during operation.

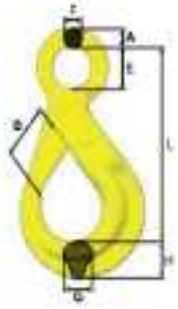
Recessed trigger

- To avoid the trigger from snagging or being damaged, it has been recessed into the body of the hook.
- Helps to prevent the latch from accidentally opening.

Fluorescent color

- For high visibility in the field.

Safety Hook BK

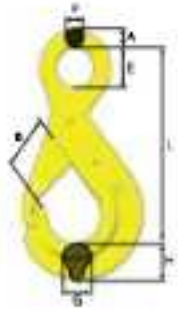


The "original" safety hook with eye connector

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			A	L	B	E	F	G	H	
Z101006	BK-6-10	1.5	12	109	29	22	10	15	21	0.5
Z101007	BK-7/8-10	2.6	14	138	37	28	11	17	26	0.9
Z101024	BK-10-10	4.0	16	168	45	34	13	21	31	1.5
Z101032	BK-13-10	6.8	20	207	55	44	16	30	40	3.0
Z101040	BK-16-10	10.3	26	254	62	56	20	37	50	5.5
Z101069	BK-19/20-10	16.0	30	289	68	60	22	44	64	9.0
Z101325	BK 22-10	20.0	32	320	80	70	24	50	64	11.3
Z101326	BK-26-10	27.3	35	342	100	80	25	54	68	16.5

4:1 Design Factor Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M. For larger sizes, see Classic Grade S.

Safety Hook OBK

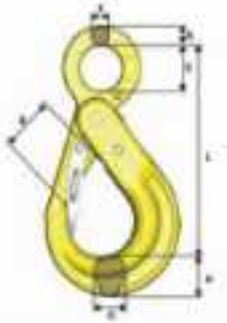


Safety hook with eye connector and grip latch

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			A	L	B	E	F	G	H	
Z100048	OBK-6-10	1.5	12	103	26	22	9	15	17	0.4
Z100143	OBK-7/8-10	2.6	14	139	37	28	10	20	22	0.8
Z100145	OBK-10-10	4.0	16	170	47	34	13	22	29	1.3
Z100147	OBK-13-10	6.8	21	206	53	44	16	29	38	2.6
Z100141	OBK-16-10	10.3	26	251	68	56	19	29	45	4.4
Z100240	OBK-19/20-10	16.0	28	289	74	60	22	44	56	8.3

For larger sizes see Classic Grade 8(OBK-22-8). Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M. 4:1 Design Factor. For larger sizes see Classic Grade 8 (OBK-22-8).

Safety Hook BKD

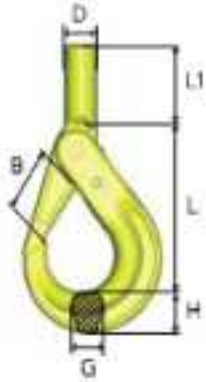


Double latch BK-hook with recessed trigger. Should the first hook latch accidentally open, either through direct impact or excessive wear on the trigger, the extra latch is there to retain the load safely. The secondary latch is designed to be easily operated and will not cause inconvenience for the operator.

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			A	L	B	E	F	G	H	
Z101154	BKD-13-10	6.8	20	207	44	44	16	30	40	3.2
Z101155	BKD-16-10	10.3	26	264	48	56	20	37	50	5.8
Z101156	BKD-19/20-10	16.0	30	289	52	60	22	46	62	9.1

4:1 Design Factor. Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.

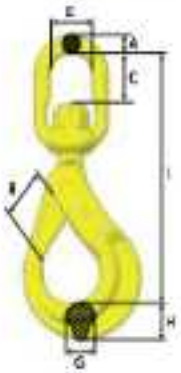
Shank Safety Hook BKT



Safety hook with shank ready for customized machines

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	L1	D	d min	G	H	
Z1011130	BKT-6-10	1.5	89	29	39	20	11	15	21	0.5
Z1011035	BKT-7/8-10	2.6	111	37	47	24	13	17	26	0.9
Z1010690	BKT-10-10	4.0	133	45	51	29	16	21	30	1.6
Z1010710	BKT-13-10	6.8	169	55	66	34	20	30	39	3.2

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
d min = the smallest permitted shank dimension after machining.
Note! After machining of the shank, proof loading must be carried out.
4:1 Design Factor

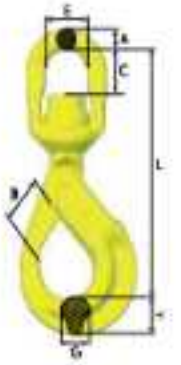


Swivel Safety Hook BKL

Safety hook with swivel for improved positioning of the hook before the load is lifted (360° rotation).

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z101114	BKL-6-10	1.5	149	29	23	33	11	15	21	0.7
Z101104	BKL-7/8-10	2.6	183	37	27	38	12	17	26	1.2
Z101028	BKL-10-10	4.0	218	45	37	44	15	21	31	2.0
Z101036	BKL-13-10	6.8	282	55	46	46	19	30	40	4.0
Z101044	BKL-16-10	10.3	341	62	65	61	25	37	50	7.2
Z101093	BKL-18/20-10	16.0	388	68	70	72	31	44	62	11.4

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
4:1 Design Factor



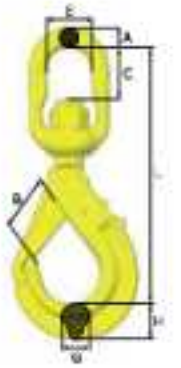
Swivel Safety Hook BKLK

Safety hook with ball-bearing for 360° rotation under full WLL.

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z101116	BKLK-6-10	1.5	149	29	24	33	11	15	21	0.7
Z101106	BKLK-7/8-10	2.6	183	37	27	38	12	17	26	1.2
Z101030	BKLK-10-10	4.0	218	45	35	44	15	21	31	2.0
Z101038	BKLK-13-10	6.8	280	55	45	46	19	30	40	4.0
Z101046	BKLK-16-10	10.3	339	62	62	61	25	37	50	7.3
Z100095	BKLK-18/20-10	16.0	388	68	60	72	31	44	62	11.5
Z101294	BKLK-22-10 CS	20.0	436	79	80	80	35	50	62	16.8
Z101295	BKLK-26-10 CS	27.3	486	100	110	102	46	54	68	25.0

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
For larger sizes, see Classic Grade 8.

4:1 Design Factor

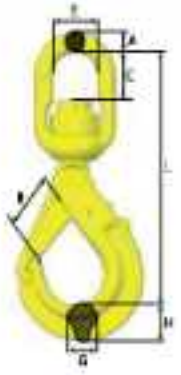


Swivel Safety Hook with Griplatch LBK

Safety hook with griplatch and swivel for improved positioning of the hook before the load is lifted (360° rotation).

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z100978	LBK-7/8-10	2.6	177	37	27	38	12	20	22	1.1
Z100360	LBK-10-10	4.0	214	47	37	44	15	22	29	1.8
Z100393	LBK-13-10	6.8	282	53	45	48	19	29	38	3.5
Z100395	LBK-16-10	10.3	324	66	66	61	25	30	45	5.9

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
4:1 Design Factor



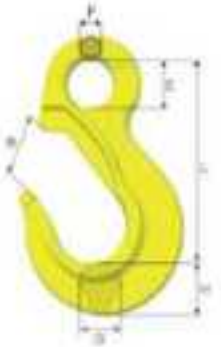
Swivel Safety Hook with Griplatch LKBK

Safety hook with griplatch and ball-bearing for 360° rotation under full WLL.

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z100360	LKBK-7/8-10	2.6	176	37	27	38	12	20	22	1.1
Z100362	LKBK-10-10	4.0	210	47	35	44	15	22	29	1.9
Z100397	LKBK-13-10	6.8	261	53	43	48	19	29	38	3.6
Z100399	LKBK-16-10	10.3	323	68	61	61	25	30	45	6.2

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
4:1 Design Factor

Sling Hook EK

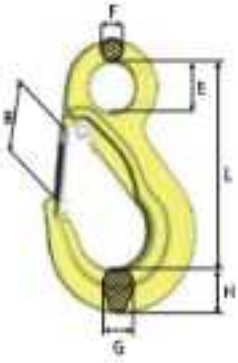


Sling hook with eye connector.

Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
Z101162	EK- 6-10	1.5	93	29	23	10	17	20	0.4
Z101164	EK- 7/8-10	2.0	108	32	28	12	17	23	0.5
Z101166	EK-10-10	4.0	134	41	34	14	23	30	0.9
Z101168	EK-13-10	6.8	166	49	44	19	28	38	2.0
Z101170	EK-16-10	10.3	203	61	56	22	36	47	3.5
Z101306	EK-20-10	16.0	229	71	61	26	42	60	5.2
Z101307	EK-22-10	20.0	267	82	64	31	43	67	8.5
Z101308	EK-26-10	27.3	301	95	86	32	51	75	12.1
Z101309	EK-32-10	40.0	353	105	90	38	61	98	24.6

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M-02

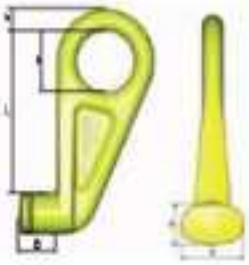
Sling Hook EKN (with latch)



Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
Z101128	EKN- 6-10	1.5	93	25	23	10	17	20	0.4
Z101130	EKN- 7/8-10	2.6	108	26	28	12	17	23	0.6
Z101132	EKN-10-10	4.0	134	37	34	14	23	30	1.0
Z101134	EKN-13-10	6.8	166	42	44	18	28	36	2.1
Z101136	EKN-16-10	10.3	203	53	56	22	36	47	4.0
Z101327	EKN-20-10	16.0	229	60	61	26	42	60	6.4
Z101328	EKN-22-10	20.0	267	73	64	31	43	67	8.9
Z101329	EKN-26-10	27.3	301	82	86	32	51	75	13.0
Z101330	EKN-32-10	40.0	353	95	90	38	61	98	25.0

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M.
4:1 Design Factor

Container Hook CH

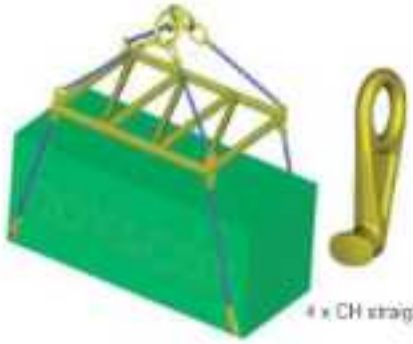


Made for lifting containers in their lower fittings.

Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			A	L	E	B	H	G	
Z101220	CH-3	12.5	25	187	70	46	47	75	3.8
Z101221	CH-3, 45° left	12.5	25	187	70	46	47	75	3.8
Z101219	CH-3, 45° right	12.5	25	187	70	46	47	75	3.8

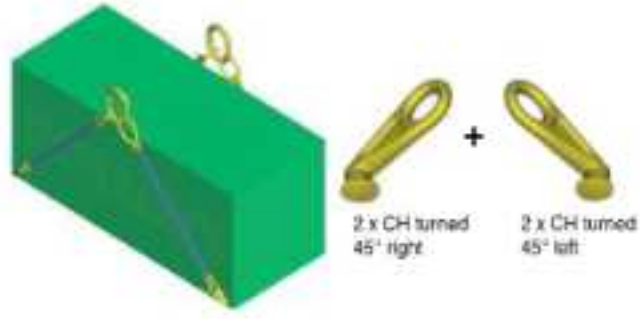
4:1 Design Factor

Alt. 1 - Straight lift



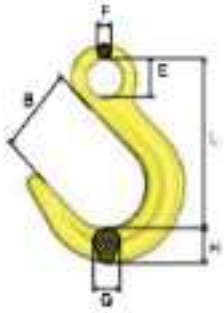
4 x CH straight

Alt. 2 - Angular lift



2 x CH turned 45° right

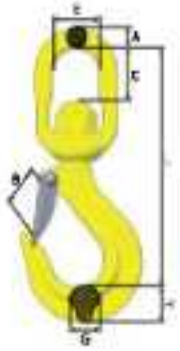
2 x CH turned 45° left



Foundry Hook OKE

Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
Z100853	OKE-7/8-10	2.6	124	63	28	12	21	26	0.9
Z100854	OKE-10-10	4.0	151	78	34	15	26	30	1.4
Z100855	OKE-13-10	6.8	184	93	44	19	33	39	2.8
Z100856	OKE-16-10	10.3	218	102	56	23	40	46	4.9
Z101340	OKE-20-10	16.0	247	114	60	27	46	60	7.2
Z101341	OKE-22-10	20.0	275	120	64	31	60	70	11.3
Z101342	OKE-26-10	27.3	308	113	70	35	64	77	16.0

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M
For larger sizes, see Classic Grade 8.
4:1 Design Factor

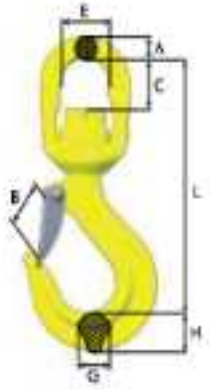


Swivel Latch Hook LKN

Sling hook with swivel for improved positioning of the hook before the load is lifted (360° rotation).

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z101345	LKN-7/8-10	2.6	155	28	28	38	12	18	24	0.8
Z101346	LKN-10-10	4.0	192	35	37	44	15	23	31	1.5
Z101347	LKN-13-10	6.8	239	40	47	48	19	28	39	3.1
Z101348	LKN-16-10	10.3	295	53	65	61	25	34	43	6.3

Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M
4:1 Design Factor



Swivel Latch Hook LKNK

Swivel latch hook with ball bearing for 360° rotation under full WLL.

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z101349	LKNK-7/8-10	2.6	154	28	28	38	12	18	24	0.8
Z101350	LKNK-10-10	4.0	191	35	35	44	15	23	31	1.6
Z101351	LKNK-13-10	6.8	236	40	45	48	19	28	38	3.2
Z101352	LKNK-16-10	10.3	293	53	62	61	25	34	43	5.6
Z101354	LKNK-22-10	20.0	400	74	80	80	35	43	67	16.1

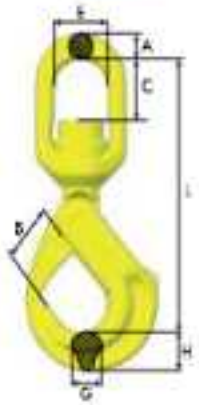
Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M
4:1 Design Factor

Clevis Swivel Hook LKNG

For direct connection to small cranes or similar applications that require positioning of hook.
Swivel for improved positioning (360°).

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	A	G	H	K	
Z101353	LKNG-16-10	10.3	256	53	30	28	34	43	27	5.7

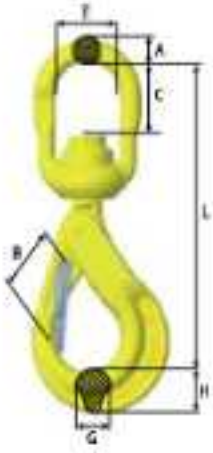
Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M
4:1 Design Factor



Swivel Safety Hook BKLK Offshore HDG

Stock No.	Code	WLL (t) 4:1	WLL (t) 5:1	Dimensions (mm)							Weight (kg)
				L	B	C	E	A	G	H	
ZG101370	BKLK-13-8 OS W HDG	6.7	5.4	307	50	72	61	25	30	40	4.9
ZG101371	BKLK-16-8 OS W HDG	10.3	8.2	365	62	88	82	26	37	50	8.4
ZG1013561	BKLK-18/20-8 OS W HDG	16.0	12.8	395	68	88	80	35	46	64	13.9
ZG101294	BKLK-22-8 OS HDG	20.0	16.0	436	79	80	80	35	50	62	16.8
ZG101295	BKLK-26-8 OS HDG	27.3	21.6	486	100	110	102	45	54	68	26.5
ZG101344	BKLK-32-8 OS HDG	32.8	26.2	533	120	110	102	45	62	86	32.3

Manufactured according to requirements in: DNV 2.7-1:2013, DNVGL-ST-0377:2016, DNVGL-ST-0398:2016 and NORSOK R-002:2017



Safety Hook BKLKD Offshore with Double Latch HDG

With recessed trigger

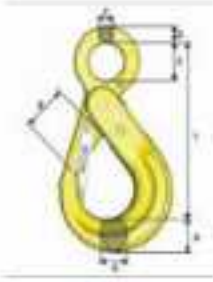
Due to the motion of the sea when loading and unloading offshore, direct impact on the hook could cause the latch to unintentionally open when not being under load, risking the load to unhitch. The double latch safety hook has an extra latch retaining the load in this case.

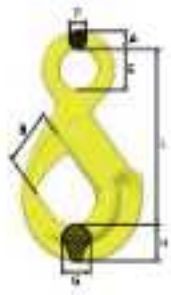
Stock No.	Code	WLL (t) 4:1	WLL (t) 5:1	Dimensions (mm)							Weight (kg)
				L	B	C	E	A	G	H	
ZGS1167	BKLKD-13-8 OS W HDG	6.7	5.4	307	43	72	61	25	30	40	5.0
ZGS1168	BKLKD-16-8 OS W HDG	10.3	8.2	365	48	88	82	26	37	50	8.8
ZGS1169	BKLKD-18/20-8 OS W HDG	16.0	12.8	395	52	88	80	35	46	64	14.3

Manufactured according to requirements in: DNV 2.7-1:2013, DNVGL-ST-0377:2016, DNVGL-ST-0398:2016 and NORSOK R-002:2017

Double Latch
Should the hook latch accidentally open, either through direct impact or excessive wear on the trigger, the extra latch is there to retain the load safely. The extra latch is designed to be easily operated.

Recessed Trigger
To avoid the trigger from being hit or damaged it has been recessed into the hook. This prevents the latch further from accidentally opening.





Safety Hook BK Offshore HDG

Stock No.	Code	WLL (t) 4:1	WLL (t) 5:1	Dimensions (mm)							Weight (kg)
				A	L	B	E	F	G	H	
ZG101355	BK-26-8 OS HDG	27.3	21.8	–	342	100	80	25	54	68	16.5
ZG101364	BK-32-8 OS HDG	32.8	26.2	–	400	120	90	30	62	86	23.3
	With double latch										
Z101373	BKD-26-10	27.3	35	342	72	80	25	54	68	16.8	37.04

Offshore material, impact toughness > 20 ft-lb (27 J) at -4°F.

Manufactured according to requirements in: DNV 2.7-1:2013, DNVGL-ST-0377:2016, DNVGL-ST-0398:2016 and NORSOK R-002:2017

Increased safety in heavy lifting operations

The WRIN STR Handle provides additional safety to the Gunnebo Industries BK Safety Hook family.

Improved workplace safety

- With the WRIN STR Handle, the operator opens and closes the safety hook without placing their hands inside the hook, resulting in a reduced risk of personal injury on job sites. The handle is easily mounted to the safety hook, without compromising the integrity of design and capabilities of the hook.

Suitable to any safety hook within the BK family

- The WRIN STR Handle is easily mounted to any safety hook within the BK family.
- For sling shops the WRIN STR Handle is the perfect complement to the BK safety hooks, reducing the need for stocking a large assortment of different safety hooks.
- If the handle is fully operable, it can be mounted and reused on a new hook if the existing hook is worn out.

Unique design

- The handle will keep the integrity of the hook's design and capabilities uncompromised.
- The handle is clamped to the hook and fixed by the hook's trigger pin.
- Hole for attaching a lead line for easy retrieval.
- Made of stainless steel according to AISI 316.

WRIN STR Handle

Suitable to any safety hook within the Gunnebo Industries BK family.

Stock No.	Code	Hook size (mm)	Dimensions (mm)				Suits the following safety hooks:	Weight (kg)
			L	H	B	G		
Z101411	STRG10	10	125	95	40	155	BK, BKG, BKL, BKLK	0.65
Z101413	STRG13	13	145	103	60	184	BK, BKG, BKL, BKLK	0.80
Z101414	STRG16	16	182	140	80	255	BK, BKG, BKL, BKLK	1.85
Z101415	STRG20	18/20	194	155	90	280	BK, BKG, BKL, BKLK	2.50
Z101416	STRG22	22	203	164	90	300	BK, BKLK	2.85
Z101417	STRG26	26	215	192	100	348	BK, BKLK	3.40
Z101418	STRG32	32	263	179	103	380	BK, BKLK	3.95

Material: Stainless steel according to AISI 316.

Hot-dip galvanized (HDG) hooks for offshore harsh environments. Watch video at liftocrosby.com/hotgalvhooks

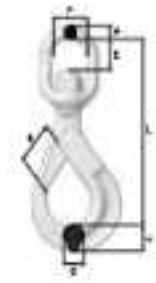
Understanding the importance of high ductility in lifting equipment. Watch video at liftocrosby.com/ductility

GUNNEBO Industries

Safety Hook BK HDG

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			A	L	B	E	F	G	H	
ZG101108	BK-0.5-8 HDG	1.12	12	109	29	22	10	15	21	0.5
ZG101097	BK-7/8-8 HDG	2.0	14	138	37	28	11	17	26	0.9
ZG101024	BK-10-8 HDG	3.2	16	168	45	34	13	21	31	1.6
ZG101032	BK-13-8 HDG	5.4	20	207	55	44	16	30	40	3.0

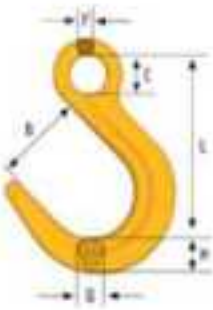
4:1 Design Factor



Swivel Safety Hook BKL HDG

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
ZG101028	BKL-10-8 HDG	3.2	218	45	37	44	15	21	31	2.0
ZG101036	BKL-13-8 HDG	5.4	282	55	49	48	19	30	40	4.0
ZG101044	BKL-16-8 HDG	8.2	344	62	59	61	25	37	50	7.5

4:1 Design Factor



Foundry Hook OKE

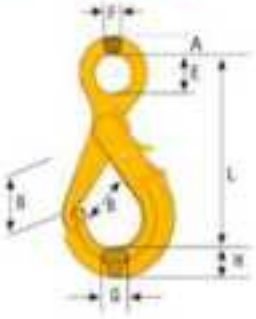
Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
2646564	OKE-32-8	32.8	384	145	90	42	77	94	30

Fulfills requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015
4:1 Design Factor

Behind the Scenes

Get a behind-the-scenes look at the innovative processes to manufacture the world's leading rigging, lifting, and load securement hardware.

Watch all videos at kitocrosby.com/facilities

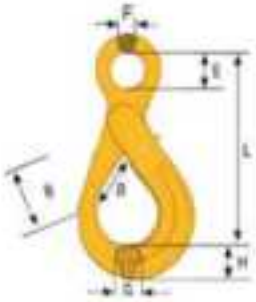


Safety Hook with Griplatch OBK

Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			A	L	B	E	F	G	H	
Z100218	OBK-22-8	15.5	30	335	87	70	24	40	58	10.2

Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.
4:1 Design Factor

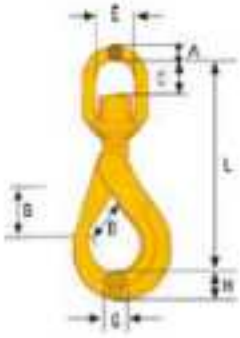
4



Safety Hook BK

Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
Z101357	BK-32-8	32.8	400	120	90	30	62	86	23.8

Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.
4:1 Design Factor



Swivel Safety Hook BKLK

Safety hook with ball-bearing for 360° rotation under full load.

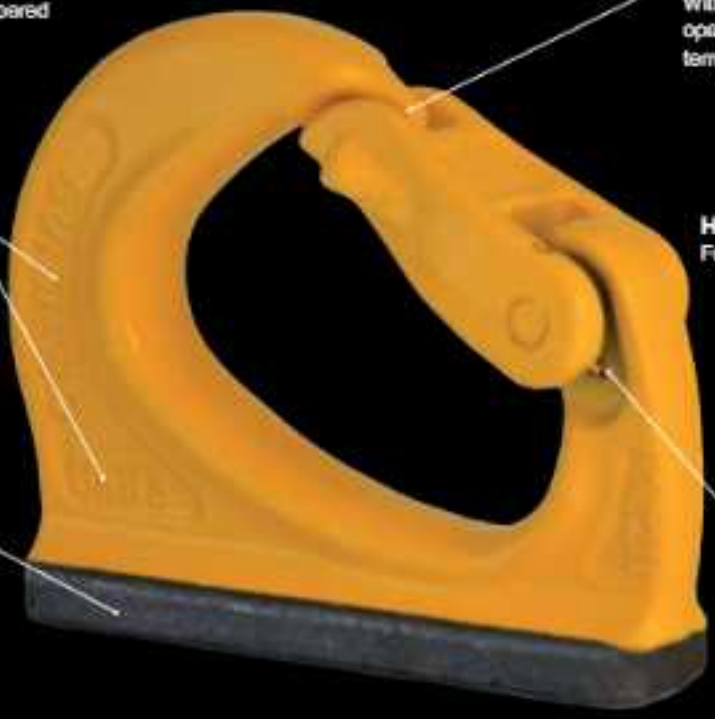
Stock No.	Code	WLL (t)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
Z101344	BKLK-32-8	32.8	533	120	110	102	45	62	86	32.3

Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.
4:1 Design Factor

Sling Hook EK (without latch) and EKN (with latch)

Stock No.	Code	WLL (t)	Dimensions (mm)						Weight (kg)
			L	B	E	F	G	H	
Z100720	EK-32-8	32.8	333	105	76	38	61	80	17.7
Z100725	EKN-32-8	32.8	333	93	76	38	61	80	17.9

Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.
4:1 Design Factor



Universal Weld-On Hook (UKN)

THE ORIGINAL EXCAVATOR HOOK

Rigging gear is often incorrectly attached to excavators, either to the teeth of the bucket or directly on the arm. This dangerous practice can lead to serious accidents. Since 1975, the Gunnebo Industries UKN Hook has transformed excavators into lifting cranes, increasing safety on job sites worldwide.

See the UKN Hook product page in Section 11 for more information.

GUNNEBO® Industries

KITO CROSBY™

kitocrosby.com

Save time on lifts

Mid-Grab Chain Shortener (MIG)

- Instant mounting and positioning on any part of the chain.
- Shortening in either chain direction, up or down.
- Designed to prevent inadvertent chain disengagement.
- Can be set idle on the chain leg when shortening is not required.
- LC version offers secure mounting with locking set on any desired part of the chain with one chain direction open for shortening.
- CC version offers close-open function in both chain directions for safe retention of the chain.

GUNNEBO® Industries

Identification of our Master Links

To provide good readability and traceability our master links have the following marking:

Product type

- M - represents single type master link.
- MT - represents master link assembly.
- MF - represents single type master link with engineered flat.
- MFH - represents master link with engineered flat and DIN style crane hooks.
- MFX - represents enlarged single type master link with engineered flat.

Size designation

- The size is linked to the WLL as well as to compatible products, like attachment couplers and other components.
- Trade size.
- The size expressed in inch.

Approved by BG/DGUV

- H32 – represents Gunnebo Industries' manufacturing ID. The ID also represents a 3rd part audit by BG in Germany.

Traceability code

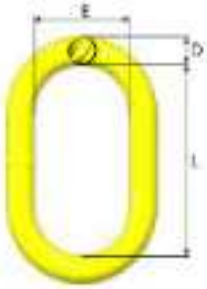
- The traceability code is unique for the production batch and consists of 3 letters representing the year of manufacture, the factory, and the production run, for example BVB. The traceability code makes it possible to trace and track the product through the whole production process back to the raw material used for the actual product.

Gunnebo Sweden

- To clearly highlight the Gunnebo Industries brand, our master links are marked with Gunnebo, Sweden.

Meets the standards

- The markings fulfills the requirements of EN 1677-4, ASTM A952 and AS 3775.2.

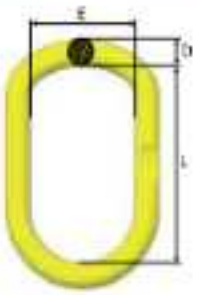


- Made from Quenched & Tempered, Fine Grain Alloy Steel from European Steel Mills.
- Links are individually Proof Tested to values shown, with certification.
- Proof Test with max 80% inside width fixture to prevent localized point loading per ASTM A952.
- Each link is marked with Product Identification Code (PIC) for traceability, Grade, chain size, SWE, GUNNEBO and BG/DGUV manufacturing ID (H32).
- Fatigue rated to at least 20,000 cycles at 1.5 times the Working Load Limit.
- Designed for use with chain, wire or synthetic rope. Applications with wire and synthetic rope generally require a 5:1 Design Factor.
- 3/4-leg requires Gunnebo Industries CG, CSD, CL or CLD components. Engineered Flat compatible with Crosby S-1325 and Gunnebo Industries BL Omega Link.
- Fulfills or exceeds requirements in EN1677:2008, ASTM A952/A952M-02, AS 3775.2014 and AS 3776.2015.

Grade 100 Welded Master Link M and Welded Master Link MF with Engineered Flat

Stock No.	Code	WLL (t)	Proof Load (t)	For Grade 100 Chain Size (mm)			Dimensions (mm)				Weight (kg)
				1-leg	2-leg	3/4-leg	L	E	D	Flat Thickness	
Z200060	MF-6-10	2.0	5.0	6	-	-	100	60	11	6	0.20
Z200085	MF-8S-10	3.2	8.0	8	6	-	120	60	13	6	0.36
Z200108	MF-10S-10	5.4	13.5	10	8	8	140	80	17	8	0.76
Z2111310	MF-1310-10	8.5	20.5	13	10	8	160	95	22	10	1.6
Z211613	MF-1613-10	13.6	34.0	16	13	10	275	145	28	13	3.9
Z202016	MF-2016-10	20.8	51.5	20	16	13	275	145	32	16	5.1
Z202220	MF-2220-10	22.0	60.0	22	20	16	270	140	40	20	8.1
Z202622	M-2622-10	41.0	102.5	26	22	-	340	180	45	-	12.9
Z203226	M-3226-10	57.0	142.5	32	26	-	360	200	55	-	20.7
Z203632	M-3632-10	72.0	180.0	-	32	-	375	210	60	-	26.3
Z200100	M-100T-10	100.0	250.1	-	-	-	450	250	70	-	42.7
Z200125	M-125T-10*	125.0	312.5	-	-	-	490	260	80	-	57.5

5:1 Design Factor. *Dimension L and E not according to EN 1677-4.



- Made from Quenched & Tempered, Fine Grain Alloy Steel from European Steel Mills.
- Links are individually Proof Tested to values shown, with certification.
- Proof Test with max 60% inside width fixture to prevent localized point loading per ASTM A952.
- Each link is marked with Product Identification Code (PIC) for traceability, Grade, chain size, SWE, GUNNEBO and 8G/CGD/V manufacturing ID (H32).
- Fatigue rated to at least 20,000 cycles at 1.5 times the Working Load Limit.
- Designed for use with chain, wire or synthetic rope. Applications with wire and synthetic rope generally require a 5:1 Design Factor.
- 3/4-leg requires Gunnebo Industries CG, CGD, CL or CLD components. Engineered Flat compatible with Crosby S-1325 Omega Link.
- Fulfills or exceeds requirements in EN1677:2008, ASTM A952/A952M-02, AS 3775:2014 and AS 3776:2015.

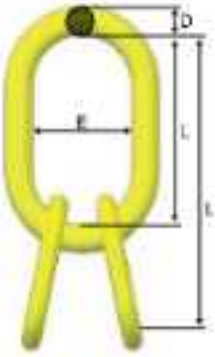
Master Link MFH with engineered flat

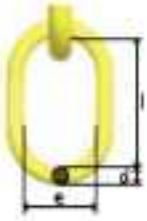
Designed for crane hooks, DIN 15401 and 15402. Designed for use with CL, CLD, CG and CGD.
3- and 4-leg chain slings require CLD / CGD.

5

Stock No.	Code	WLL (t) 5:1		For chain size (mm)			Dimensions (mm)			DIN15401	DIN15402	Weight (kg)
		EN 1677-4	A-952/A952M AS 3775.2-2014	1-leg	2-leg	3-4 leg	L	E	D			
Z101262	MFH-1310-10	7.5	8.0	13	10	8	230	125	22	≤ 12	≤ 16	2.1
Z101263	MFH-1613-10	10.0	13.6	16	13	10	250	135	29	≤ 13	≤ 16	3.7
Z101264	MFH-2016-10	17.0	20.6	20	16	13	280	135	32	≤ 16	≤ 20	5.3
Z101265	MFH-2220-10	26.0	30.9	26	20	16	320	175	40	≤ 25	≤ 32	9.7
Z101266	MFHW-2220-10	26.0	26.0	26	20	16	355	225	40	≤ 50	≤ 63	11.1

Fulfills requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M, AS 3775:2014.
5:1 Design Factor





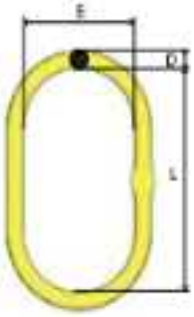
- Made from Quenched & Tempered, Fine Grain Alloy Steel from European Steel Mills.
- Links are individually Proof Tested to values shown, with certification.
- Proof Test with max 60% inside width fixture to prevent localized point loading per ASTM A952.
- Each link is marked with Product Identification Code (PIC) for traceability, Grade, chain size, SWE, GUNNEBO and 8G/CGD/V manufacturing ID (H32).
- Fatigue rated to at least 20,000 cycles at 1.5 times the Working Load Limit.
- Designed for use with chain, wire or synthetic rope. Applications with wire and synthetic rope generally require a 5:1 Design Factor.
- Engineered Flat on sub links up to MT-16-10.
- Fulfills or exceeds requirements in EN1677:2008, ASTM A952/A952M-02, AS 3775:2014 and AS 3776:2015.

Grade 100 Welded Master Link Assembly MT

Designed for use with chain or wire rope. For 3 and 4-leg slings.

Stock No.	Code	WLL (t)	Proof Load (t)	Grade 100 Chain Size 3/4-leg (mm)	Grade 80 Chain Size 3/4-leg (mm)	Dimensions (mm)								Weight (kg)
						L1	L	E	D	I	e	d	D*	
Z203600	MT-6-10	4.3	10.7	6, 7	6, 7	260	140	80	17	120	65	13	6	1.5
Z203800	MT-8-10	7.8	19.5	8	8, 10	300	160	95	22	140	80	17	8	3.0
Z201000	MT-10-10	12	30.0	10	13	435	275	145	28	160	95	22	10	6.8
Z201300	MT-13-10	21	52.5	13	16	465	275	145	32	190	110	26	13	10.9
Z201600	MT-16-10	31	77.5	16	18, 20	545	270	140	40	275	145	32	16	18.4
Z202000	MT-20-10	48	120.0	20	22	610	340	180	45	270	140	40	20	29.1
Z202200	MT-22-10	60	150.1	22	24	690	360	200	55	340	180	45	-	46.4
Z202600	MT-26-10	85	212.5	26	32	725	375	210	60	360	200	55	-	67.6
Z203200	MT-32-10	125	312.5	32	-	825	450	260	80	375	210	60	-	110.1

5:1 Design Factor. *Thickness of flat on sub link



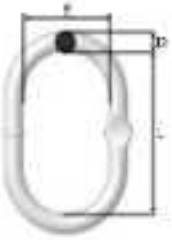
- Engineered flat is an oversized master link designed for use in 1- and 2-leg sling configurations.
- Compatible with CL, CLD, CG, and CGD components for flexible application in lifting assemblies.
- Clearly marked with the product type (M for single-type master link), size designation, and H32 (Gunnebo Industries manufacturing ID) verified by third-party audit from BG in Germany.
- Additional markings include a traceability code and the country of origin to ensure full traceability and identification.
- Meets EN 1677:2008 (WLL +25%), ASTM A952/A952M-02, AS 3775:2014, and AS 3776:2015 standards.
- 5:1 Design Factor

Grade 100 Welded Oversized Master Link MFX

Oversized, for 1- and 2-leg slings. Designed for use with CL, CLD, CG and CGD.

Stock No.	Code	WLL (t)	Proof Load (t)	For Grade 100 Chain Size (mm)		Dimensions (mm)				Weight (kg)
				For chain 1-leg	For chain 2-leg	L	E	D	Flat Thickness	
Z100923	MFX-108-10	5.4	5.4	10	8	340	180	22	8	3.7
Z100921	MFX-1310-10	8.2	8.2	13	10	340	180	28	10	4.6
Z100924	MFX-1613-10	13.6	13.6	16	13	340	180	32	13	7.0
Z100922	MFX-2016-10	20.8	20.8	20	16	340	180	40	16	9.7

5:1 Design Factor.



Master Link MF HDG with Engineered Flat

Stock No.	Code	WLL (t)		Dimensions (mm)				Weight (kg)
		EN1677-4	A-952/A952M	L	E	D	Flat Thickness	
BG14489	MF-86-8 HDG	2.0	2.5	120	60	13	6	0.36
BG14482	MF-108-8 HDG	3.2	4.0	140	80	17	8	0.76
BG14483	MF-1310-8 HDG	5.4	6.8	160	95	22	10	1.5
BG14484	MF-1613-8 HDG	8.2	10.3	275	145	28	13	3.0

5:1 Design Factor.

CHAIN & ACCESSORIES

Innovative solutions for quicker, safer, and easier lifting operations

kitocrosby.com

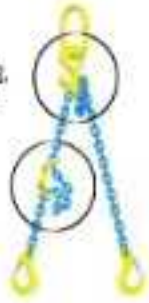
GUNNEBO Industries

GrabiQ: Components with multiple functions

Innovative designs that combine several clever functions in one component

Midgrab, MIG

Instant mounting, positioning, shortening on any part of the chain.



C-grab Duo, CGD

Built in shortening function.

Master Grab, MG

- All-in-one compact top link.
- Every chain leg can instantly be altered.
- Using the built in shortening function, you can alter between a straight lift to a looped sling in a matter of seconds.

Fewer components & lighter assembly

GrabiQ 4-leg sling with shortening function

(1) Master link
(2) C-grab Duos

Total: 3 components
with GrabiQ system

(1) Master link
(2) Sub links
(8) Berglok chain couplers
(4) Grab hooks

Total: 15 components
with traditional system

GrabiQ 2-leg sling with shortening function

(1) Master Grab Duo

Total: 1 component
with GrabiQ

(1) Master link
(4) Berglok chain couplers
(2) Grab hooks

Total: 7 components
with traditional system

Less is more with FlexiLeg

Thanks to the unique features of the Gunnebo Industries GrabIQ product range, we offer advanced solutions that increase the flexibility in lifting operations. The FlexiLeg solution allows you to quickly change a chain sling leg on site.

With one single master link in combination with five FlexiLegs, we offer a solution that replaces four complete traditional slings, a total of ten legs. In addition, FlexiLeg also gives you the opportunity to modify the chain sling to different lifting operations, whenever and wherever it is needed.

GrabIQ FlexiLeg – a total of 5 legs replaces the total of 10 legs with the old traditional system.

The benefits of instant leg-change

- Enables the user to change slings, leg by leg.
- Makes the sling lighter and easier to work with.
- Sling legs that are not being used can easily be removed, thereby increasing safety at the work site.
- The quantity of sling material is greatly reduced, providing cost savings.
- The chain sling can be reconfigured on site, thus increasing efficiency.

Related Products

QuickPin – For safe exchange of sling legs

- Fits all C-components (CL, CLD, CG, CGD)
- Instant close/open function, no tools needed
- Easy to retrofit
- Made of stainless steel for long product life span

FlexiTag – For every GrabIQ sling

- Specially designed for FlexiLeg
- Fits all other GrabIQ slings
- WLL and chain size pre-stamped for 1 – 4 legs
- Leg angle 30/45 degree shown in contour
- Made of stainless steel for use in all weather conditions

GUNNEBO Industries

GrabiQ – solutions for every need

1-leg chain slings

MG1-GBK
Consist of: Master Link MG,
Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t)	Total Components Length (mm)
6	-	1.5	171
8	5/16"	2.6	296
10	3/8"	4.0	361
13	1/2"	6.8	453
16	5/8"	10.3	527

4:1 Design Factor

MG1-EGKN
Type: Master Link MG, Chain KLA,
Hook with Latch EGKN

Chain Size (mm)	Chain Size (in)	WLL (t)	Total Components Length (mm)
6	-	1.5	231
8	5/16"	2.6	361
10	3/8"	4.0	331
13	1/2"	6.8	408
16	5/8"	10.3	481

4:1 Design Factor

TG1-GBK
Master Link MF, C-grab CG,
Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t)	Total Components Length (mm)
6	-	1.5	200
8	5/16"	2.6	346
10	3/8"	4.0	424
13	1/2"	6.8	504
16	5/8"	10.3	621

4:1 Design Factor

2-leg chain slings

TG1-EGKN
Consists of: Master Link MF, C-grab CG,
Chain KLA, Hook with Latch EGKN

Chain Size (mm)	Chain Size (in)	WLL (t)	Total Components Length (mm)
6	-	1.5	286
8	5/16"	2.6	342
10	3/8"	4.0	415
13	1/2"	6.8	557
16	5/8"	10.3	624

4:1 Design Factor

MGD2-EGKN
Consists of: Master Link MGD,
Chain KLA, Latch Hook EGKN

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	2.1	1.5	230
8	5/16"	3.5	2.6	261
10	3/8"	5.0	4.0	331
13	1/2"	8.5	6.8	408
16	5/8"	14.0	10.3	481

4:1 Design Factor

MGD2-GBK
Consists of: Master Link MGD,
Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	2.1	1.5	235
8	5/16"	3.5	2.6	296
10	3/8"	5.0	4.0	361
13	1/2"	8.5	6.8	453
16	5/8"	14.0	10.3	527

4:1 Design Factor

TG2-GBK
Consists of: Master Link MF, C-grab Duo CGD,
Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	2.1	1.5	291
8	5/16"	3.5	2.6	366
10	3/8"	5.0	4.0	444
13	1/2"	8.5	6.8	534
16	5/8"	14.0	10.3	671

4:1 Design Factor

TG2-EGKN
Consists of: Master Link MF, C-grab Duo CGD,
Chain KLA, Latch Hook EGKN

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	2.1	1.5	286
8	5/16"	3.5	2.6	342
10	3/8"	5.0	4.0	415
13	1/2"	8.5	6.8	557
16	5/8"	14.0	10.3	625

4:1 Design Factor

MGD2-CL
Consists of: Master Link MGD,
Chain KLA, C-lok CL

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	WLL choked (t) β 0-45° α 0-90°	WLL choked (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	2.1	1.5	1.6	1.2	187
8	5/16"	3.5	2.6	2.7	2.0	200
10	3/8"	5.6	4.0	4.4	3.2	265
13	1/2"	8.5	6.8	7.4	5.4	359
16	5/8"	14.0	10.3	11.0	8.0	429

4:1 Design Factor

3-leg chain sling

TG3-GBK

Consists of: Master Link MF, C-grab CG, C-grab Duo CGD, Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	3.1	2.2	311
8	5/16"	5.2	3.7	392
10	3/8"	8.4	6.0	474
13	1/2"	14.0	10.0	604
16	5/8"	21.0	15.0	680

4:1 Design Factor

TG3-EGKN

Consists of: Master link MF, C-grab CG, C-grab Duo CGD, Chain KLA, Latch Hook EGKN

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	3.1	2.2	306
8	5/16"	5.2	3.7	357
10	3/8"	8.4	6.0	444
13	1/2"	14.0	10.0	559
16	5/8"	21.0	15.0	634

4:1 Design Factor

4-leg chain sling

TG4-GBK

Consists of: Master Link MF, C-grab Duo CGD, Chain KLA, Safety Hook GBK

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	3.1	2.2	311
8	5/16"	5.2	3.7	392
10	3/8"	8.4	6.0	474
13	1/2"	14.0	10.0	604
16	5/8"	21.0	15.0	680

4:1 Design Factor

TG4-EGKN

Consists of: Master link MF, C-grab Duo CGD, Chain KLA, Latch Hook EGKN

Chain Size (mm)	Chain Size (in)	WLL (t) β 0-45° α 0-90°	WLL (t) β 45°-60° α 90°-120°	Total Components Length (mm)
6	-	3.1	2.2	306
8	5/16"	5.2	3.7	357
10	3/8"	8.4	6.0	444
13	1/2"	14.0	10.0	559
16	5/8"	21.0	15.0	634

4:1 Design Factor

Grade 10 chain slings

Working Load Limits in tonnes for chain slings grade 10

Based on EN 818-4:2008 WLL +25%

Sling type	1-leg	2-leg		3- and 4-leg		Choke Hitch	
Condition of use	**Straight**	**β 0-45° α 0-90°**	**β 45-60° α 90-120°**	**β 0-45° α 0-90°**	**β 45-60° α 90-120°**	**Choke β 0-45° α 0-90°**	**Choke β 45-60° α 90-120°**
Load factor	1	1.4	1	2.1	1.5	1.1	0.8
Chain size							
6	1.50	2.10	1.50	3.10	2.20	1.60	1.20
7	1.95	2.70	1.95	4.00	2.90	2.10	1.50
8	2.60	3.70	2.60	5.50	3.90	2.80	2.10
10	4.00	5.60	4.00	8.40	6.00	4.40	3.20
13	6.80	9.60	6.80	14.40	10.20	7.40	5.40
16	10.00	14.10	10.00	21.00	15.00	11.00	8.00
20	16.00	22.50	16.00	33.60	24.00	17.60	12.80
22	20.00	28.20	20.00	42.00	30.00	22.00	16.00
26	27.00	38.20	27.00	57.20	40.90	29.70	21.60
32	40.00	56.40	40.00	84.00	60.00	44.00	32.00

4:1 Design Factor. Working Load Limits are based on equally loaded and disposed sling legs.

APPLICATION AND MARKING INFORMATION SECTION 17

GUNNEBO Industries

Chain Tensioner GT – for lifting

One of the main advantages of using chain slings instead of other types of slings is the ability to shorten the chain to balance the load in asymmetrical lifts.

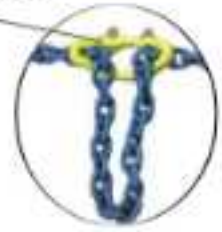
Kito Crosby offers a wide range of fittings for shortening, but most of these options only shorten in increments of one chain link. Certain applications require more precise shortening, and for those the Gunnebo Industries Chain Tensioner GT, which has been approved for lifting, is an excellent choice.

The Chain Tensioner GT is integral in one set. It is made of high-strength Grade 10 material, and the ratchet handle contributes to fast and ergonomic shortening. It is designed to be compatible with the GrabiQ product range, enabling a wide range of fittings to be used for any type of application.

Precise positioning

The GT tensioner offers stepless adjustment, allowing for precise positioning of the load.

Midgrab Shortener MIG



Precision shortening

The GT tensioner offers 7.9 in of precision shortening. For shortening of longer increments, our unique Midgrab Shortener MIG is the ideal choice.

Full capacity

As with all Gunnebo Industries' shorteners, there is no reduction in the capacity of the system when shortening.

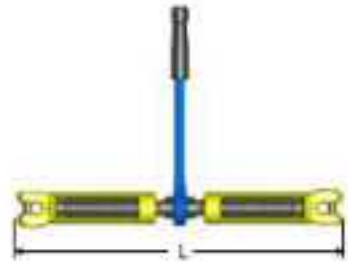
100% proof loaded

Every unit is individually proof loaded to 2.5 x WLL.

Chain Tensioner GT

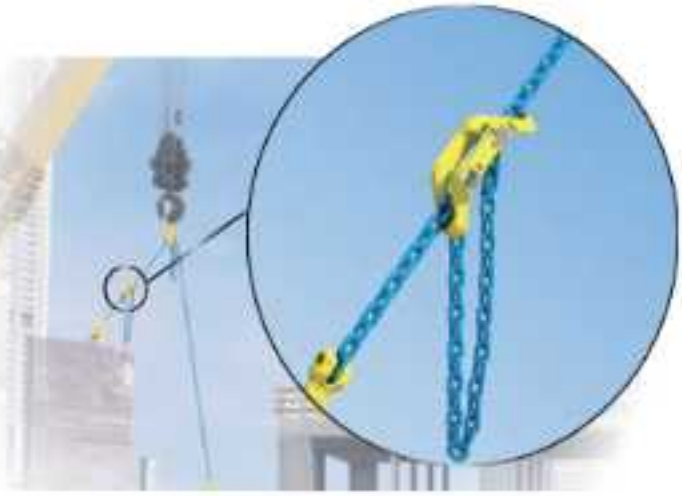
Stock No.	Model	WLL (t)*	L = Min. Length (mm)	L = Max. Length (mm)	Weight (kg)
Z101067	GT-8-10	2.8	400	600	3.3
Z101068	GT-10-10	4.0	400	600	3.3

4:1 Design Factor



Midgrab Chain Shortener, MIG

- Instant mounting and positioning on any part of the chain.
- Shortening in either chain direction, up-down.
- Designed to prevent inadvertent chain disengagement.
- Can be set idle on the chain leg when shortening is not required.
- LC version offers secure mounting with locking set on any desired part of the chain with one chain direction open for shortening.
- CC version offers close-open function in both chain directions for safe retention of the chain.



Locking devices for Midgrab MIG

Note: The MIG should be used with at least one locking devices.

L - fixed locking set

For fixed mounting

Code:
L-8: B14806
L-10: B14810
L-13: B14817

C - close/open locking set

Spring operated locking device. Can be placed either in open or closed position.

Code:
C-8: B14808
C-10: B14814
C-13: B14818

Product code guide – locking options

MIG with C pins

For use with Grade 100 or Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)			Weight (kg)
			L	X	Y	
B14303	MIG CC-8-10	2.8	95	50	60	0.7
B14313	MIG CC-10-10	4.0	125	70	77	1.1
B14323	MIG CC-13-10	6.8	150	90	80	2.6

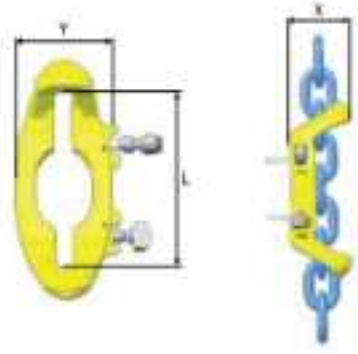
4:1 Design Factor

MIG without pins

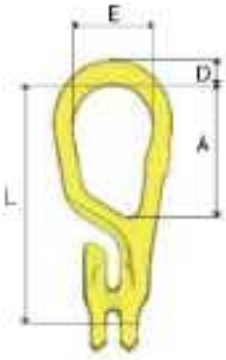
For use with Grade 100 or Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)			Weight (kg)
			L	X	Y	
B14300	MIG-8-10	2.8	95	50	60	0.6
B14310	MIG-10-10	4.0	125	70	77	1.0
B14320	MIG-13-10	6.8	150	90	80	2.5

4:1 Design Factor



GUNNEBO Industries

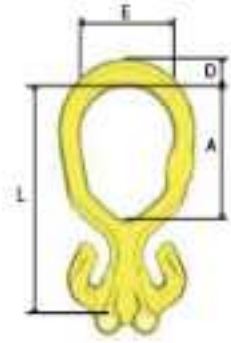


Master Grab MG

For use with Grade 100 or Grade 80 chain. "All-in-one" compact top link.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	A	E	D	
B14710	MG-6-10	1.5	145	88	60	15	0.5
B14711	MG-8-10	2.6	171	97	80	18	0.9
B14712	MG-10-10	4.0	211	113	75	22	1.6
B14713	MG-13-10	6.8	261	138	90	26	3.5
B14714	MG-16-10	10.5	311	157	105	31	6.1

4:1 Design Factor. Fulfills requirements in: EN 1677-2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.



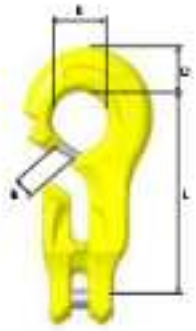
Master Grab Duo MGD

For use with Grade 100 or Grade 80 chain. "All-in-one" compact top link for 2-leg slings.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	A	E	D	
B14700	MGD-6-10	2.1	144	90	60	17	0.7
B14701	MGD-8-10	3.5	171	100	75	21	1.3
B14702	MGD-10-10	5.6	211	124	90	24	2.3
B14703	MGD-13-10	9.5	262	149	105	31	5.2
B14704	MGD-16-10	14.0	310	175	120	35	7.9

4:1 Design Factor. Fulfills requirements in: EN 1677-2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

C-Grab CG

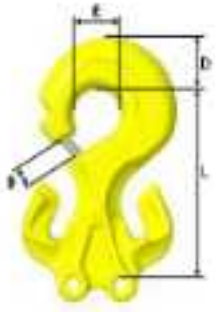


For use with Grade 100 or Grade 80 chain. For use with MF master and BK type hooks.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	D	
B14730	CG-6-10	1.5	80	11	24	19	0.3
B14731	CG-8-10	2.8	107	12	32	24	0.7
B14732	CG-10-10	4.0	134	15	40	29	1.5
B14733	CG-13-10	6.8	172	18	52	38	3.2
B14734	CG-16-10	10.3	215	22	64	47	6.1

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

C-Grab Duo CGD

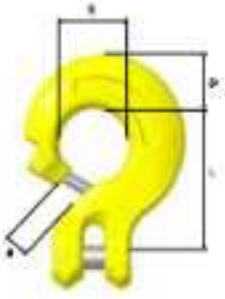


For use with Grade 100 or Grade 80 chain. For use with master links.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	D	
B14720	CGD-6-10	2.1	79	11	24	20	0.6
B14721	CGD-8-10	3.5	107	12	32	29	1.1
B14722	CGD-10-10	5.6	134	15	40	37	2.2
B14723	CGD-13-10	9.5	173	19	48	48	5.4
B14724	CGD-16-10	14.0	215	22	64	67	8.1

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

C-Lok CL

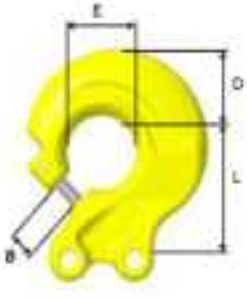


For use with Grade 100 or Grade 80 chain. For use with master links, eye hooks and choke.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	D	
B14750	CL-6-10	1.5	43	11	24	18	0.2
B14751	CL-8-10	2.8	58	12	32	24	0.5
B14752	CL-10-10	4.0	74	15	40	29	1.0
B14753	CL-13-10	6.8	94	18	52	38	2.0
B14754	CL-16-10	10.3	119	22	64	48	3.8

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

C-Lok Duo CLD



For use with Grade 100 or Grade 80 chain. For use with master links.

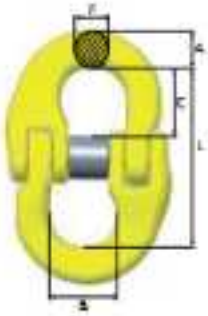
Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	D	
B14740	CLD-6-10	2.1	43	11	24	22	0.4
B14741	CLD-8-10	3.5	58	12	32	29	0.6
B14742	CLD-10-10	5.6	74	15	40	37	1.2
B14743	CLD-13-10	9.5	94	18	52	48	3.1
B14744	CLD-16-10	14.0	119	25	64	57	5.5

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

6

Coupling Link G

For use with Grade 100 or Grade 80 chain. For use with master link and eye hook.



Stock No.	Code	WLL (t)	Dimensions (mm)					Weight (kg)
			L	B	F	A	C	
Z100821	G-6-10	1.5	45	15	7	8	16	0.1
Z101358	G-7-10	2.0	50	18	9	11	22	0.2
Z100822	G-8-10	2.6	56	18	9	11	22	0.2
Z100823	G-10-10	4.0	68	25	12	13	26	0.3
Z100824	G-13-10	6.8	89	28	16	17	33	0.7
Z100825	G-16-10	10.3	106	36	19	20	40	1.4
Z101119	G-20-10	16.0	125	43	23	25	44	2.2
Z101339	G-22-10	20.0	152	50	26	28	59	3.8
Z101365	G-26-10	27.3	161	58	32	34	61	5.7
Z101066	G-32-10	40.0	200	70	38	40	77	9.5

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M-02 and AS 3776:2015.

Grab Hook GG

Clevis shortening hook. For use with Grade 100 or Grade 80 chain. No reduction of working load limit, thanks to supporting cradle lugs on either side of hook to prevent chain link deformation.

Stock No.	Code	WLL (t)	Dimensions (mm)		Weight (kg)
			L	B	
Z101844	GG-6-10	1.5	54	8	0.2
Z100845	GG-7-10	2.0	57	10	0.3
B14771	GG-8-10	2.6	57	10	0.4
B14772	GG-10-10	4.0	76	12	0.9
B14773	GG-13-10	6.8	97	16	1.8
B14774	GG-16-10	10.3	114	20	3.1
Z101152	GG-20-10	16.0	147	26	7.0

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

Grab Hook GG with Locking Pin

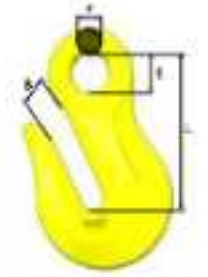
Clevis shortening hook with locking pin for extra safety. For use with Grade 100 or Grade 80 chain. No reduction of working load limit, thanks to supporting cradle lugs on either side of hook to prevent chain link deformation.

Stock No.	Code	WLL (t)	Dimensions (mm)		Weight (kg)
			L	B	
B14970	GG-6-10 LP	1.5	54	8	0.25
B14971	GG-8-10 LP	2.6	57	10	0.40
B14972	GG-10-10 LP	4.0	77	12	0.84
B14973	GG-13-10 LP	6.8	97	16	1.81
B14974	GG-16-10 LP	10.3	114	20	3.14
B14975	GG-20-10 LP	16.0	147	26	7.30

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

Grab Hook OG

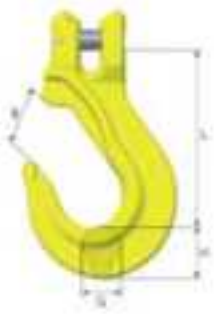
Eye shortening hook. For use with Grade 100 or Grade 80 chain. No reduction of working load limit, thanks to supporting lugs on either side of hook to prevent chain link deformation.



Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	F	
Z101296	OG-7/8-10	2.6	65	10	17	10	0.3
Z101297	OG-10-10	4.0	85	12	20	12	0.7
Z101298	OG-13-10	6.8	104	16	26	16	1.6
Z101299	OG-16-10	10.3	131	20	32	19	2.8
Z101300	OG-20-10	16.0	167	26	41	23	6.1
Z101301	OG-22-10	20.0	187	26	46	26	7.75
Z101302	OG-26-10	27.3	228	32	55	38	14
Z101303	OG-32-10	40.0	229	40	50	27	20.7

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

Sling Hook EGK

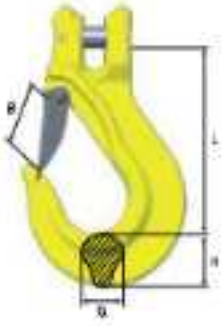


For use with Grade 100 or Grade 80 chain. Sling hook with clevis connector.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z100915	EGK-6-10	1.5	86	29	17	20	0.4
Z100918	EGK-7-10	2.0	95	32	17	23	0.5
Z100938	EGK-8-10	2.8	95	32	17	23	0.5
Z100942	EGK-10-10	4.0	121	41	23	31	1.0
Z100946	EGK-13-10	6.8	145	49	28	38	2.0
Z100950	EGK-16-10	10.3	170	61	36	46	3.8
Z101138	EGK-20-10	16.0	209	71	42	60	7.3

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

Sling Hook EGKN



For use with Grade 100 or Grade 80 chain. Sling hook with latch.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
B14460	EGKN-6-10	1.5	86	25	17	20	0.4
Z100843	EGKN-7-10	2.0	95	27	17	23	0.5
B14461	EGKN-8-10	2.8	95	28	17	23	0.5
B14462	EGKN-10-10	4.0	121	35	23	31	1.1
B14463	EGKN-13-10	6.8	145	42	28	38	2.2
B14464	EGKN-16-10	10.3	170	53	36	46	4.0
Z101127	EGKN-20-10	16.0	209	65	42	60	7.0

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

Coupling Link GF – stain proof

High strength stainless steel.

Stock No.	Code	WLL (t)	For chain dim. (mm)	Dimensions (mm)					Weight (kg)
				L	B	F	A	C	
B60202	GF-10-8 SP	3.2	10	68	25	11	15	25	0.3
B60203	GF-13-8 SP	5.4	13	89	30	15	16	33	0.7
B60204	GF-16-8 SP	8.2	16	105	36	19	20	40	1.2

4:1 Design Factor

Coupling Link G HDG

Hot-dip galvanized for marine environments.

Stock No.	Code	WLL (t)	Dimensions (mm)					Weight (kg)
			L	B	F	A	C	
ZG100821	G-6-8 HDG	1.12	45	15	7	8	17	0.1
ZG100822	G-8-8 HDG	2.0	56	18	9	11	22	0.2
ZG100823	G-10-8 HDG	3.2	68	25	11	13	26	0.3
ZG100824	G-13-8 HDG	5.4	89	30	15	16	33	0.7
ZG100825	G-16-8 HDG	8.2	102	36	19	20	40	1.2

4:1 Design Factor

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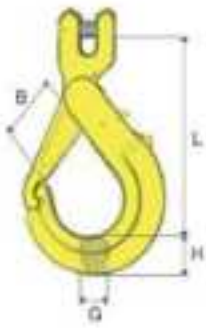
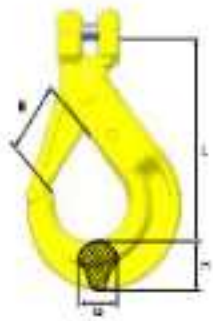


Safety Hook GBK

For use with Grade 100 or Grade 80 chain. Safety hook with clevis connector and grab latch.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z100758	GBK-6-10	1.5	87	26	15	17	0.4
Z100849	GBK-7-10	2.0	114	36	20	22	0.5
Z100759	GBK-8-10	2.6	119	36	20	22	0.8
Z100760	GBK-10-10	4.0	150	47	22	29	1.4
Z100761	GBK-13-10	6.8	172	53	29	38	2.7
Z100762	GBK-16-10	10.3	208	68	30	45	4.4

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

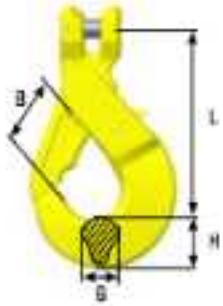


Safety Hook BKG

For use with Grade 100 or Grade 80 chain. Safety hook with clevis connector and standard latch.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z101110	BKG-6-10	1.5	91	29	15	21	0.5
Z101095	BKG-7-10	2.0	120	37	17	22	0.5
Z101100	BKG-8-10	2.6	121	37	17	26	0.9
Z101025	BKG-10-10	4.0	144	45	21	31	1.5
Z101034	BKG-13-10	6.8	180	55	30	40	3.0
Z101042	BKG-16-10	10.3	219	62	37	50	5.5
Z101091	BKG-20-10	16.0	240	68	44	62	9.6
Z101338	BKG-22-10	20.0	276	80	58	62	11.8
Z101343	BKG-26-10	27.3	290	100	67	68	17.9

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

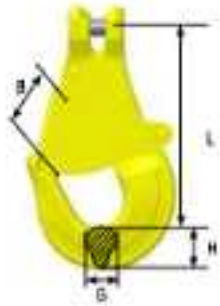


Safety Hook BKG

For use with Grade 100 or Grade 80 chain. Safety hook with clevis connector and standard latch.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z1002401	BKGC-13-10	6.8	184	55	27	43	3.2

4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.

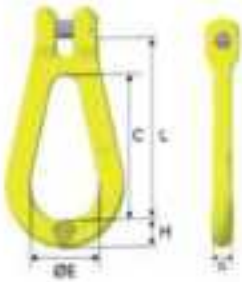


Sling Hook GKC

For use with Grade 100 or Grade 80 chain. Sling hook with clevis connector for skip loaders.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z7006481	GKC-13-10	6.8	188	60	27	43	2.5

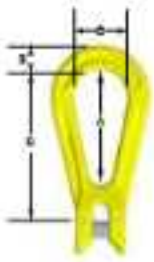
4:1 Design Factor. Fulfils requirements in: EN 1677:2008 (WLL +25%), ASTM A952/A952M and AS 3776:2015.



Clevis Egglink CEL

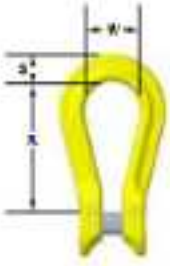
Stock No.	Code	WLL (t)	C	E	G	H	L	Weight (kg)
Z701968	CEL-8-10	2.6	80	40	14	15	100	0.4
Z701969	CEL-10-10	4	100	50	16	19	126	0.7
Z701970	CEL-13-10	6.8	130	65	23	25	162	1.5

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.



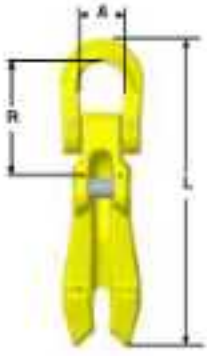
Egg Link KSS

Stock No.	Model	Chain Diameter (mm)	WLL 8+10	Dimensions (mm) A	B	R	S	Weight (kg)
Z2760422	KSS7N	7	2.5	70	36	92	13	.27
Z2760431	KSS10N	10	4.6	102	51	132	18.5	.74
Z2760440	KSS13N	13	6.7	157	67	177	26	1.92
Z2760459	KSS16N	16	10.0	172	85	220	31	3.17
Z2760468	KSS19N	19	14.0	203	98	261	37	5.56
Z2760477	KSS23N	23	21.0	238	114	305	40	8.42
Z2760486	KSS26N	26	27.0	273	133	351	46	14.51



Kupler K

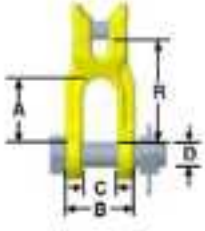
Stock No.	Model	Chain Diameter (mm)	WLL 8+10	Dimensions (mm) R	W	S	Weight (kg)
Z2760455	K7N	7	2.0	60	26	12.5	.15
Z2760501	K10N	10	4.0	75	35	18	.47
Z2760510	K13N	13	6.7	95	45	25	1.01
Z2760529	K16N	16	10.0	118	64	29	1.69
Z2760538	K19N	19	14.0	134	64	34	2.78
Z2760547	K23N	23	21.0	121	64	45	4.26
Z2760556	K26N	26	27.0	140	82	48	6.30
Z2760574	K32N	32	45.0	178	96	64	11.46



Shortening Clutch KSC N

Unique component for leg length adjustment. It accommodates loads of irregular shape or with a general lack of headroom and allows safe leg length adjustment of any number of legs with the load remaining fully in line.

Stock No.	Model	WLL 8+10	Dimensions (mm) L	R	A	Weight (kg)
Z2760716	KSC7N	2.0	161	60	26	.53
Z2760725	KSC10N	4.0	211	73	36	1.28
Z2760734	KSC13N	6.7	272	95	46	2.7
Z2760743	KSC16N	10.0	360	118	56	5.26
Z2760752	KSC19N	14.0	427	134	68	9.87



Narrow Jaw Shackle KDN

Narrow jaw shackle for connection from pad eye or similar directly to chain.

Stock No.	Model	WLL 8+10	Dimensions (mm) A	B	C	R	D	Weight (kg)
Z2761369	KDN7N	2.0	36	42	20	57	14	.26
Z2761378	KDN10N	4.0	53	58	28	83	20	.85
Z2761387	KDN13N	6.7	72	74	35	106	24	1.68
Z2761396	KDN16N	10.0	89	90	44	127	30	3.14

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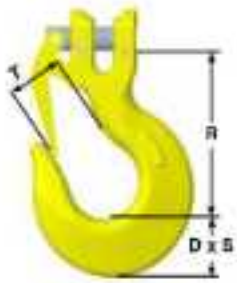


Sling Hook KHN L

This hook is most widely used in general purpose slinging.

Stock No.	Reference	WLL (t)		Dimensions (mm)					Weight (kg)	
		8	8x10	R	D	S	T			
							No Latch	With Latch	No Latch	With Latch
Z2780887	*KH23	16	21	222	79	51	76	80	11.39	13.14
Z2780896	*KH26	21.2	27	251	89	60	85	72	16.06	15.94
Z2780903	KHN32L	31.5	40	334	118	85	113	106	32.66	34.61

Safety Latch KHL N

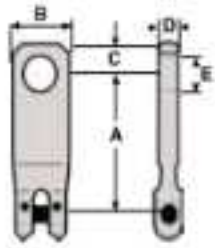
A robust latch to prevent accidental detachment of the load.

Stock No.	Reference	Part Number	Hook Reference
2780967	KHL32N	2781539	KHN32

Hook Latch Assembly KHL

This assembly is for use with KH23 and KH26 and comprises a load pin to which the latch is attached.

Stock No.	Reference	Part Number	Hook Reference
2780976	KHL23	2780887	KH23
2780985	KHL26	2780896	KH26



Top Suspension Plates

Stock No.	Type Size/ Reference	WLL (t)		Dimensions (mm)					Weight (kg)
		8	8x10	A	B	C	D	E	
Z2781555	C151401	5.3	6.7	153	62	32	20	36	1.59
Z2781564	C151402	5.3	6.7	140	62	32	20	36	1.52

Keep Plate C2247

Stock No.	Type Size/ Reference	WLL (t)		Dimensions (mm)				Weight (kg)
		8	8x10	A	B	C	R	
Z2781617	C2247	5.3	6.7	55 x 76	74 x 55	133	301	3.48

Single Trunnion Plate C1513

Stock No.	Type Size/ Reference	WLL (t)		Dimensions (mm)			Weight (kg)
		8	8x10	R	C	D	
Z2781626	C1513	5.3	6.7	112	74	54	1.5

Roller-Bearing Swivel, SKLI/SKLU

The Gunnebo Industries SKLI/SKLU is an electrically insulated, lubricated, and sealed roller bearing swivel. It is fully rotational, even at maximum load, tested to resist 1000 V, and suitable for protection of overhead cranes during welding operations on suspended loads.

The SKLI is equipped with a durable roller bearing, enabling high durability and safe use, even under severe load. It also has heavy-duty nylon insulation to decrease friction when in use. The SKLI is compatible with the entire Gunnebo Industries SK range for versatile use.

Roller-bearing Swivel SKLI/SKLU

For use with Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)		Weight (kg)
			L	D	
Z100316	SKLI-7/8-8	2.0	75	48	0.7
Z100414	SKLI-10-8	3.2	97	59	1.3
Z100415	SKLI-13-8	5.4	120	75	2.8
Z100416	SKLI-16-8	8.0	137	90	4.6
Z100417	SKLI-18/20-8	12.5	158	104	7.3
RS18520	SKLU-22-8*	16.5	180	109	9.2
RS18530	SKLU-26-8*	21.7	207	135	16.3

4:1 Design Factor. Fulfills requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

* Unmounted

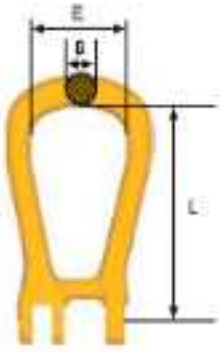
Load Pin and Locking Collar – SKA

For use with Grade 80 chain.

Stock No.	Code	Weight (kg)
Z700674	SKA-6-8	0.01
Z323624	SKA-7/8-8	0.02
Z318024	SKA-10-8	0.04
Z303822	SKA-13-8	0.08
Z303725	SKA-16-8	0.14
Z145048	SKA-18/20-8	0.26
Z103630	SKA-22-8	0.35
Z805467	SKA-26-8	0.63
Z650654	SKA-32-8	1.05

4:1 Design Factor

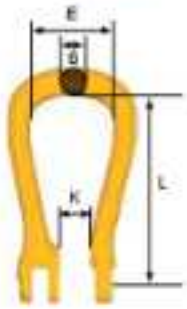
Master Link SKG (closed)



For use with Grade 80 chain. F or use with SK system.

Stock No.	Code	WLL (t)	Dimensions (mm)			Weight (kg)
			L	E	G	
Z419691	SKG-7/8-8	2.0	99	60	14	0.3
Z419791	SKG-10-8	3.2	127	66	18	0.6
Z419880	SKG-13-8	5.4	145	72	22	1.1
Z419885	SKG-16-8	8.2	175	82	25	1.5
Z420088	SKG-18/20-8	12.8	204	105	30	3.0

4:1 Design Factor. Fulfills requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.



Master Link SKO (open)

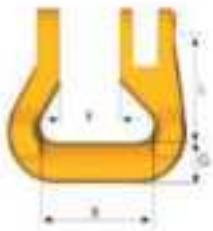
For use with Grade 80 chain. For use with SK system.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	E	G	K	
Z418683	SKO-7/8-8	2.0	99	50	14	15	0.3
Z418780	SKO-10-8	3.2	127	66	18	20	0.6
Z410380	SKO-13-8	5.4	145	72	22	25	1
Z419480	SKO-16-8	8.2	175	82	25	30	1.5
Z419587	SKO-18/20-8	12.8	204	105	30	36	2.9

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

Roundsling Coupling SKR

Special shape for full WLL of the roundsling. For use with SK system.



Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	K	
Z127940	SKR-7/8-8	2.0	35	40	13	18	0.2
Z143143	SKR-10-8	3.2	42	47	16	24	0.4
Z302538	SKR-13-8	5.4	50	53	19	29	0.7
Z143340	SKR-16-8	8.2	62	67	23	35	1.3
Z143347	SKR-18/20-8	12.8	71	80	28	43	1.9
Z100357	SKR-22-8	15.5	111	129	40	60	5.3
Z100355	SKR-26-8	21.7	129	150	48	68	8.9

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

Half-link SKT (includes locking set)

For use with SK system.

Stock No.	Code	WLL (t)	Dimensions (mm)					Weight (kg)
			L	B	F	A	C	
Z426280	SKT-7/8-8	2.0	28	18	9	11	22	0.1
Z426383	SKT-10-8	3.2	34	25	11	13	26	0.2
Z426480	SKT-13-8	5.4	44	30	15	16	33	0.4
Z426587	SKT-16-8	8.2	52	36	19	20	40	0.8
Z426684	SKT-18/20-8	12.8	63	43	22	23	47	1.1
Z100225	SKT-22-8	15.5	78	50	24	26	59	1.7
Z100226	SKT-26-8	21.7	80	58	30	33	61	2.6
Z100227	SKT-32-8	32.8	100	70	38	40	78	4.9

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

Sling Hook ESKN/SKN with Latch

For use with SK system.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z424682	SKN-7/8-8	2.0	90	27	16	21	0.4
Z424789	SKN-10-8	3.2	115	34	20	26	0.8
Z101214	ESKN-13-8	5.4	145	42	26	36	1.6
Z100706	ESKN-16-8	8.2	178	52	36	43	3.4
Z103791	ESKN-18/20-8	12.8	197	54	40	51	5.0

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

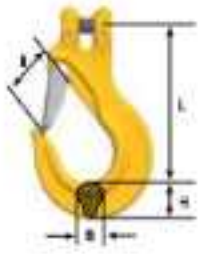
Safety Hook BKG

For use with Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z097222	BKG-7/8-8	2.0	120	37	17	26	0.9
Z236929	BKG-10-8	3.2	143	45	21	30	1.5
Z291527	BKG-13-8	5.4	179	55	30	39	2.8
Z291024	BKG-16-8	8.2	217	62	37	48	5.1

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2008, ASTM A952/A952M and AS 3776:2015.

Sling Hook EGKN with Latch

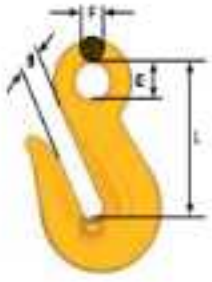


For use with Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z100744	EGKN-7/8-8	2.0	95	29	17	22	0.5
Z100772	EGKN-10-8	3.2	121	37	20	29	0.9
Z100773	EGKN-13-8	5.4	147	42	27	36	2.0
Z100774	EGKN-16-8	8.2	176	52	34	44	3.6

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

Grab Hook OG



For use with Grade 80 chain. Not for use with Berglok. No reduction of working load limit, thanks to supporting lugs on either side of hook to prevent chain link deformation.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	E	F	
Z100811	OG-7/8-8	2.0	65	10	16	10	0.3
Z291022	OG-10-8	3.2	85	12	20	12	0.6
Z296220	OG-13-8	5.4	104	15	25	16	1.2
Z296221	OG-16-8	8.2	130	19	30	19	2.4

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

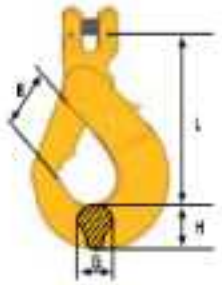
Clevis Swivel Safety Hook BKH

For use with Grade 80 chain. Safety hook with swivel for improved positioning of the hook before the load is lifted (360° rotation).

Stock No.	Code	WLL (t)	Dimensions (mm)					Weight (kg)
			L	B	K	G	H	
Z336222	BKH-5-8	1.1	145	29	8.6	15	21	0.7
Z700809	BKH-7/8-8	2.0	181	37	8.6	17	29	1.2

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.

Container Hook BKGC



For use with Grade 80 chain.

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
Z100242	BKGC-16-8	8.2	160	55	27	43	3.4

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 8539:2009, ASTM A952/A952M and AS 3776:2015.
Spare part: RDOBK

GUNNEBO Industries

Berglok Chain Coupler BL

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			L	E	F	A	
Z601030	BL-6-8	1.1	27	20	9	14	0.1
Z195823	BL-7/8-8	2.0	35	25	11	18	0.2
Z203077	BL-10-8	3.2	45	32	14	22	0.4
Z217820	BL-13-8	5.4	56	40	17	28	0.8
Z205226	BL-16-8	8.2	68	50	22	35	1.4

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 6539:2009, ASTM A952/A952M and AS 3776:2015.

Coupling Link G

Stock No.	Code	WLL (t)	Dimensions (mm)					Weight (kg)
			L	B	F	A	C	
Z622992	G-6-8	1.1	45	15	7	8	17	0.1
Z279333	G-7/8-8	2.0	56	18	9	11	22	0.2
Z279400	G-10-8	3.2	68	25	11	13	26	0.3
Z279537	G-13-8	5.4	89	30	15	16	33	0.7
Z279634	G-16-8	8.2	105	38	19	20	40	1.2
Z279731	G-18/20-8	12.8	126	45	22	23	47	1.9
Z279839	G-22-8	15.5	152	50	24	25	59	3.0
Z349171	G-26-8	21.7	161	66	30	33	61	5.2
Z349189	G-32-8	32.8	206	70	36	40	77	9.5

4:1 Design Factor. Fulfils requirements in: EN 1677:2008, ISO 6539:2009, ASTM A952/A952M and AS 3776:2015.

Behind the Scenes

Get a behind-the-scenes look at some of our world-class manufacturing facilities across the globe.

Watch all videos at kitocrosby.com/facilities

Chain, GrabiQ Grade 10 (200) Short link, KL

Heat treatment:
Quenched & Tempered
Note: For chain Grade 10 (200) the maximum in service temperature is 200°C.

Surface treatment:
Painted blue

Fulfils the requirements in:
ASTM A973/A973M-07(2012)
EN 818-2:2008 (WLL +25%, reduced temperature range)

Stock No. Box	Code	WLL (t)	Dimensions (mm)			Weight kg / m	MPF kN	Breaking Force (kN)
			d nom.	p	w1			
Z802300 - 1 x 200 m	KLA 6-10 (200)	1.5	6	18	8.5	0.8	36.8	58.9
Z802337 - 1 x 200 m	KLA 7-10 (200)	1.95	7	21	10.0	1.1	48	77
Z802301 - 1 x 200 m	KLA 8-10 (200)	2.6	8	24	11.0	1.4	63	102
Z802302 - 1 x 100 m	KLA 10-10 (200)	4.0	10	30	14.0	2.3	98	156
Z802303 - 1 x 100 m	KLA 13-10 (200)	6.8	13	39	18.0	4.0	166	265
Z802304 - 1 x 100 m	KLA 16-10 (200)	10.3	16	48	21.9	5.8	251	402
Z802305 - 1 x 50 m	KLA 20-10 (200)	16.0	20	60	27.0	9.4	393	630
Z802246 - 1 x 50 m	KLA 22-10 (200)	20.0	22	66	29.0	11.9	491	785
Z802248 - 1 x 50 m	KLA 26-10 (200)	27.0	26	78	35.0	16.4	664	1062
Z802440 - 1 x 25 m	KLA 32-10 (200)	40.0	32	96	41.6	25.6	981	1610

4:1 Design Factor

Chain, GrabiQ Grade 10 (400) Short link, KL

Heat treatment:
Quenched & Tempered
Note: For chain Grade 10 (400) the maximum in service temperature is 400°C.

Surface treatment:
Painted blue

Fulfils the requirements in:
EN 818-2:2008 (WLL +25%, material dimension Ø +10%)

Note: This chain is marked with "8+" in addition to the marking required by the machine directive.

Stock No. Box	Code	WLL (t)	Dimensions (mm)			Weight kg / m	MPF kN	Breaking Force (kN)
			d nom.	p	w1			
Z802306 - 1 x 200 m	KLA 6-10 (400)	1.5	6.6	18	8.9	1.0	36.8	58.9
Z802307 - 1 x 200 m	KLA 8-10 (400)	2.5	8.8	24	11.2	1.7	63	102
Z802308 - 1 x 100 m	KLA 10-10 (400)	4.0	11.0	30	14.4	2.6	98	156
Z802309 - 1 x 100 m	KLA 13-10 (400)	6.7	14.3	39	19.2	4.5	166	268
Z802310 - 1 x 100 m	KLA 16-10 (400)	10.0	17.3	48	23.0	6.7	251	402

4:1 Design Factor

Chain, Classic Grade 8 Short link, KL

Heat treatment:
Quenched & Tempered

Surface treatment:
Painted black (KLB)
Painted yellow (KLU)

Fulfils the requirements in:
EN 818-2:2008, AS 2321:2014, ASTM A391/A 391M-07 (2012)

Stock No. Box	Code	WLL (t)	Dimensions (mm)			Weight kg/m	Manufacturing Proof Force (kN)	Breaking Force (kN)
			d nom.	p	w1			
Z802174 - 1 x 200 m	KLB 6-8E	1.1	6	18	8.5	0.8	26.3	45.2
Z802175 - 1 x 200 m	KLB 7-8E	1.5	7	21	10.0	1.1	36.5	62
Z802176 - 1 x 200 m	KLB 8-8E	2.0	8	24	11.0	1.4	50.3	80.6
Z802150 - 1 x 100 m	KLB 10-8E	3.2	10	30	14.0	2.3	79	130
Z802157 - 1 x 100 m	KLB 13-8E	5.4	13	39	17.7	3.8	133	214
Z802177 - 1 x 100 m	KLB 16-8E	8.2	16	48	21.9	5.6	201	322
Z801203 - 1 x 100 m	KLB 19-8E	11.6	19	57	27.0	7.8	284	457
Z801208 - 1 x 50 m	KLB 22-8E	15.5	22	66	29.5	10.5	380	610
Z801251 - 1 x 50 m	KLB 26-8E	21.8	26	78	35.0	14.8	531	850
Z801232 - 1 x 25 m	KLB 32-8E	32.8	32	96	41.6	21.8	804	1300

4:1 Design Factor

Chain KLZ HDG

Heat treatment: Quenched & Tempered

Surface treatment: Hot-dip galvanized

Fulfills the requirements in:
EN 818-2:2008 (material dim. Ø +10%)
ISO 1461:2009
ASTM A391/A391M-07 2012 (material dim. Ø +10%)

Stock No.	Code	WLL (t)	Link Dimensions (mm)			Weight kg/ m	Manufacturing Proof Force (kN)	WLL (kN)	Delivery Length
			d	P	w1				
ZG800306	KLZ-6-8 HDG	1.1	6.6	18	8.9	1.0	36.8	45.0	1 x 100 m
ZG800307	KLZ-8-8 HDG	2.0	8.8	24	11.9	1.7	63.0	80.0	1 x 100 m
ZG800308	KLZ-10-8 HDG	3.2	11.0	30	14.4	2.6	98.0	130	1 x 100 m
ZG800309	KLZ-13-8 HDG	5.4	14.3	39	19.2	4.5	166	214	1 x 100 m
ZG800310	KLZ-16-8 HDG	8.2	17.3	48	23.0	6.7	251	322	1 x 100 m

Short Link Chain KLFZ, Grade 7

Heat treatment: Quenched & Tempered

Surface treatment: Hot-dip galvanized

Not for lifting purposes

Stock No.	Code	Link Dimensions (mm)			Weight kg / m	Min. Breaking Load (t)	Delivery Length
		d nom.	P	w1			
Z800666	KLFZ-10-7	10	30	14.0	2.2	11.0	1 x 100
Z800667	KLFZ-11-7	11	33	15.0	2.7	12.0	1 x 100
Z802329	KLFZ-13-7	13	39	17.2	3.8	18.0	1 x 100
Z803329	KLFZ-14-7	14	42	21.0	4.5	19.2	1 x 100
Z802901	KLFZ-16-7	16	48	47.0	5.6	25.7	1 x 100
Z801409	KLFZ-17-7	17	48	23.2	6.4	30.0	1 x 100
Z801407	KLFZ-19-7	19	57	27.0	8.1	40.0	1 x 100

Fulfills requirements in: EN 1461:2009 (Average surface thickness 85 µm)

Mid-Link Chain MLFZ, Grade 7

Heat treatment:
Quenched & Tempered

Surface treatment:
Hot-dip galvanized

Not for lifting purposes

Stock No.	Code	Link Dimensions (mm)			Min. Breaking Load (ton)	Weight kg / m	Delivery Length
		d nom.	P	w1			
Z902455	MLFZ 10-6*	10	40	14.4	10	2.0	1 x 100 m
Z902035	MLFZ-13-7	13	55	20.2	16	3.3	1 x 100 m
Z901845	MLFZ-16-7	16	65	20.5	26.2	5.0	1 x 100 m
Z901477	MLFZ-19-7	19	75	29	37	7.1	1 x 100 m

Fulfils requirements in: EN 1461:2009 (Average surface thickness 85µm)
* Average surface thickness 70µm.

Long Link Chain LLZ, Grade 6

Heat treatment:
Quenched & Tempered

Surface treatment:
Hot-dip galvanized

Not for lifting purposes

Stock No.	Code	Link Dimensions (mm)			Min. Breaking Load (ton)	Weight kg / m	Delivery Length
		d nom.	P	w1 min			
Z902453	LLZ-9-6*	9	53	14.3	7.8	1.4	1 x 100 m
Z902454	LLZ-11-6*	11	64	18.5	11.8	2.1	4 x 100 m
Z900692	LLZ-13-6	13	80	21.1	16.3	2.9	3 x 100 m
Z902707	LLZ-13-6	13	80	21.1	16.3	2.9	1 x 229.5 m
Z901567	LLZ-16-6	16	100	27	24.7	4.6	1 x 100 m
GS1073	LLZ-16-6	16	100	27	24.7	4.6	1 x 200 m
Z901456	LLZ-19-6	19	100	28.5	34.6	5.5	1 x 120 m
Z901887	LLZ-22-6	22	120	36	46.6	8.7	1 x 50 m
Z902447	LLZ-25-6	25	140	37	60.6	12.0	1 x 50 m
Z902449	LLZ-28-6	28	150	39	75.3	14.9	1 x 50 m
Z902451	LLZ-32-6	32	170	44	98.3	19.0	1 x 50 m

Fulfils requirements in: EN 1461:2009 (Average surface thickness 85µm)
* Average surface thickness 70µm.

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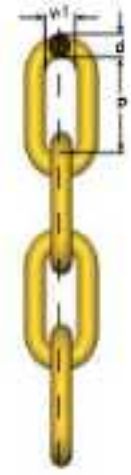
Short Link Chain KLFU, Grade 8

Heat treatment:
Quenched & Tempered,
Stress relieved

Surface treatment:
Painted yellow

Not for lifting purposes

Stock No.	Code	Link Dimensions (mm)			Weight kg / m	Min. Breaking Load (t)	Delivery Length
		d nom.	p	w1			
Z602330	KLFU-10-8	10	30	14.0	2.2	12.5	1 x 100 m
Z602331	KLFU-13-8	13	39	17.6	3.7	21.4	1 x 100 m
Z601146	KLFU-16-8	16	48	21.5	5.6	32.2	1 x 100 m
Z327077	KLFU-19-8	19	57	27.0	8.0	45.4	1 x 100 m
Z327385	KLFU-22-8	22	66	30.0	11.0	61	1 x 50 m
Z601505	KLFU-26-8	26	78	35.0	14.8	86	1 x 50 m



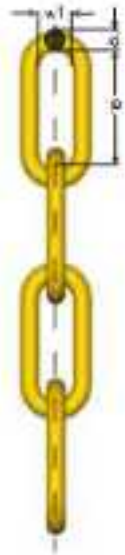
Mid-Link Chain MLFU, Grade 8

Heat treatment:
Quenched & Tempered,
Stress relieved

Surface treatment:
Painted yellow

Not for lifting purposes

Stock No.	Code	Link Dimensions (mm)			Weight kg / m	Min. Breaking Load (t)	Delivery Length
		d nom.	p	w1			
Z602332	MLFU-10-8	10	40	14.4	2.0	12.6	1 x 100 m
Z602333	MLFU-13-8	13	55	20.2	3.5	21.4	1 x 100 m
Z600564	MLFU-16-8	16	65	20.5	5.0	32.2	1 x 100 m
Z600476	MLFU-19-8	19	75	29.0	7.1	45.4	1 x 100 m
Z600661	MLFU-22-8	22	88	30.0	9.4	61	1 x 50 m
Z601770	MFLU-26-8	26	91	34.0	13.9	86	1 x 50 m



Long-Link Chain LLU, Grade 8

Heat treatment:
Quenched & Tempered,
Stress relieved

Surface treatment:
Painted yellow

Not for lifting purposes

Stock No.	Code	Link Dimensions (m)			Weight kg / m	Min. Breaking Load (t)	Delivery Length
		d	p	w1 min			
Z601934	LLU-9-8	9	50	14.3	1.4	10.2	4 x 100 m
Z601935	LLU-11-8	11	64	18.8	2.1	15.4	4 x 100 m
Z601936	LLU-13-8	13	80	21.1	2.9	21.4	3 x 100 m
Z602160	LLU-16-8	16	100	27.0	4.6	32.2	1 x 100 m
Z601983	LLU-19-8	19	150	27.0	6.5	45.4	1 x 100 m
Z700526	LLU-22-8	22	120	36.0	8.7	61	1 x 50 m

The Lifting Point Family

The Gunnebo Industries range of lifting points is designed for most lifting and lashing applications. The GrabiQ line is a full system, from master link to lifting point.

Rotating Eye Lifting Point - RELP

The RELP is a compact and robust lifting point, ideal for top-mounting and when it is important to have quick and easy on-hooking. The lifting point is easy to assemble/disassemble with a standard allen key. On the bolt itself, information such as the working load limit, mounting torque, and manufacturing ID is stamped, so it is always available for the operator.

The RELP will automatically adjust to the loading direction which decreases the risk to load it incorrectly and endangering the lifting operation. For sensitive load surfaces the RELP is ideal, as the connecting sling hook will be positioned mainly parallel to the load surface, thus completely avoiding the hook causing damage on impact on the load. CE marked.

Rotating Lifting Point - RLP

The RLP has an easily dismountable D-ring to enable assembly of wiresling, master link, or hook directly onto the lifting point.

RLP has a hexagon bolt (RFID prepared) to make it easy to disassemble/assemble with a wrench. The bolt is also clearly marked with information such as working load limit, mounting torque, and manufacturer ID. The RLP rotates 360° and pivots 180°, making it strong, flexible, and reliable. CE marked.

De-centered Lifting Point - DLP

The DLP is designed to be folded over the housing when idle, allowing the lifting point to be almost completely stowed away when not in use.

The closed, oblong link is also equipped with a 'stay-up' function for easy on-hooking (for sizes up to M24), especially when there is limited space. This help prevents damage to the load due to impacts from the hook, as well as makes rigging fast and easy. The DLP is ideal in narrow spaces, such as corners or edge position, because the housing has a compact design.

DLP has a hexagon bolt (RFID prepared) to make it easy to disassemble/assemble with a wrench. The bolt is also clearly marked with information such as working load limit, mounting torque, and manufacturer ID so it is always available to the operator. CE marked.

Ball-bearing Lifting Point - BLP

The BLP is a versatile lifting point and can be safely used for most applications. The ball-bearings in the BLP allow the load to be rotated during the lift, which is especially good when maintenance is needed on heavy tools and other types of equipment.

If the load surface is sensitive to impacts or scratches, the BLP is a good choice because it builds out from the load, which makes it less likely that the lifting equipment will come in contact and cause damage. The housing (RFID prepared) of the BLP is in-house drop-forged for increased strength and has a hexagon shape for easy mounting and dismounting. The housing is also clearly marked with information such as working load limit, mounting torque, and manufacturer ID so it is always available to the operator. CE marked.

GUNNEBO Industries

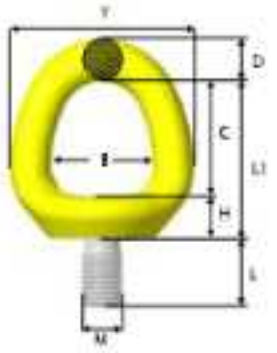



	RELP	RLP	DLP	BLP
Tight space	✓		✓	✓
Limited height (effective length)	✓	✓		
Vertical lift	✓	✓		✓
Angular lift		✓	✓	✓
Vertical rotation under load				✓
Tilting under load		✓	✓	✓
Sensitive load surface				✓
Single part lift	✓	✓		✓
Multiple part lift		✓	✓	✓
Integrated combination (hook or link)		✓		
RFID prepared		✓	✓	✓

This chart is intended to give guidance in choosing the right lifting point for your operation and is not rules for usage. For more information contact your closest Gunnebo Industries distributor.

Rotating Eye Lifting Point RELP

CE



Stock No.	Code	Dimensions (mm)										Weight (kg)
		B	C	D	E	H	L	L1	M	Y	Z	
Z102408	RELP-M8 x 1.25	28	28	11	40	14	15	42	8	50	29	0.2
Z102410	RELP-M10 x 1.5	28	28	11	40	14	15	42	10	50	29	0.2
Z102412	RELP-M12 X 1.75	32	33	13	46	13	20	47	12	58	36	0.3
Z102416	RELP-M16 x 2	39	41	15	53	16	24	57	16	70	40	0.5
Z102420	RELP-M20 x 2.5	42	43	16	60	18	30	60	20	78	46	0.7
Z102424	RELP-M24 x 3	50	51	19	68	20	36	71	24	88	44	1.1
Z102430	RELP-M30 x 3.5	60	62	26	85	28	45	90	30	112	64	2.4
Z102436	RELP-M36 x 4	72	72	32	97	32	54	104	36	136	74	4.1
Z102442	RELP-M42 x 4.5	82	82	38	120	37	63	119	42	158	91	6.7
Z102448	RELP-M48 x 5	94	96	43	142	39	72	135	48	180	102	9.9

Bolt according to: ISO 898-1 Class 10.9

RELP with UNC thread

CE

Stock No.	Code	Dimensions (mm)									⌀ (in)	Weight (kg)
		B	C	D	E	H	L	L1	Y	Z		
Z102508	RELP 5/16"-18 UNC	28	28	11	40	14	15	42	50	29	5/16"	0.2
Z102510	RELP 3/8"-16 UNC	28	28	11	40	14	15	42	50	29	3/8"	0.2
Z102512	RELP 1/2"-13 UNC	32	33	13	46	13	20	47	58	36	1/2"	0.3
Z102516	RELP 5/8"-11 UNC	39	41	15	53	16	24	57	70	40	5/8"	0.5
Z102520	RELP 3/4"10 UNC	42	43	16	60	18	30	60	78	46	3/4"	0.7
Z102521	RELP 7/8"-9 UNC	42	43	16	60	18	30	60	78	46	7/8"	0.7
Z102524	RELP 1"-8 UNC	50	51	19	68	20	36	71	88	44	1"	1.1
Z102530	RELP 1 1/4"-7 UNC	60	62	26	85	28	45	90	112	64	1 1/4"	2.4
Z102536	RELP 1 1/2"-6 UNC	72	72	32	97	30	54	104	136	74	1 1/2"	4.1
Z102542	RELP 1 3/4"-5 UNC	82	82	38	120	37	63	119	158	91	1 3/4"	6.8
Z102548	RELP 2"-4.5 UNC	94	96	43	142	39	72	135	180	102	2"	10.0

Bolt according to: ISO 898-1 Class 10.9

11

Working Load Limits - RELP 4:1 Design Factor

Symmetric Load (tonnes)										
No. of Legs	1	1	2	2	2 symmetric		3 & 4 symmetric			
Angle ß	0°	90°	0°	90°	0 - 45°	45° - 60°	0 - 45°	45° - 90°	Tightening Torque	Allen Key
RELP -M8 x 1.25	0.7	0.3	1.4	0.7	0.4	0.3	0.6	0.4	10 Nm	6 mm
RELP 5/16"-18 UNC	0.7	0.3	1.4	0.7	0.4	0.3	0.6	0.4	7Ft.Lbs	5/16" UNC
RELP-M10x1,5	1.2	0.5	2.4	1.0	0.7	0.5	1.0	0.7	15 Nm	6 mm
RELP 3/8"-16 UNC	1.2	0.5	2.4	1.0	0.7	0.5	1.0	0.7	11Ft.Lbs	5/16" UNC
RELP - M12x1,75	2.0	0.8	4.0	1.6	1.1	0.8	1.6	1.2	27 Nm	6 mm
RELP 1/2"-13 UNC	2.0	0.8	4.0	1.6	1.1	0.8	1.6	1.2	20Ft.Lbs	5/16" UNC
RELP - M16x2	3.5	1.5	7.0	3.0	2.1	1.5	3.1	2.2	60 Nm	6 mm
RELP 5/8"-11 UNC	3.5	1.5	7.0	3.0	2.1	1.5	3.1	2.2	44Ft.Lbs	5/16" UNC
RELP - M20x2,5	5.1	2.4	12.2	4.8	3.3	2.4	5.0	3.6	90 Nm	8 mm
RELP 3/4"-10 UNC	5.0	2.3	10.0	4.6	3.1	2.3	4.8	3.4	66Ft.Lbs	5/16" UNC
RELP 7/8"-9 UNC	6.1	2.9	12.2	5.8	4.1	2.9	6.1	4.3	66Ft.Lbs	5/16" UNC
RELP - M24x3	8.1	3.3	16.2	6.6	4.8	3.3	6.8	4.8	135 Nm	10 mm
RELP 1"-8 UNC	8.1	3.3	16.2	6.6	4.8	3.3	6.8	4.9	100Ft.Lbs	3/4" UNC
RELP - M30x3,5	12.1	4.8	24.2	9.2	6.4	4.8	9.6	6.9	270 Nm	10 mm
RELP 1 1/4"-7 UNC	12.1	4.8	24.2	9.2	6.4	4.8	9.6	6.9	200Ft.Lbs	3/4" UNC
RELP - M36x4	16.1	7.1	32.2	14.2	9.9	7.1	14.9	10.8	390 Nm	10 mm
RELP 1 1/2"-6 UNC	16.1	7.1	32.2	14.2	9.9	7.1	14.9	10.6	296Ft.Lbs	3/4" UNC
RELP - M42x4,5	24	9.1	48	18.2	12.7	9.1	19.1	13.6	600 Nm	10 mm
RELP 1 3/4"-5 UNC	24	9.1	48	18.2	12.7	9.1	19.1	13.6	440Ft.Lbs	3/4" UNC
RELP - M48x5	32	12.1	64	24.2	16.9	12.1	25.4	18.1	800 Nm	10 mm
RELP 2"-4.5 UNC	32	12.1	64	24.2	16.9	12.1	25.4	18.1	590Ft.Lbs	3/4" UNC

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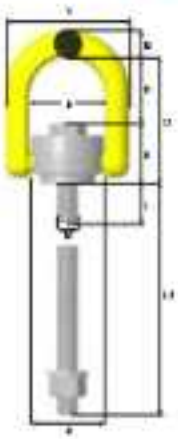


Rotating Lifting Point RLP

CE

Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)								Weight (kg)***
					B	C	D	L1	M	X	Y	Z	
Z101708	16	Z10170808L	101	RLP-M8 x 1.25	42	35	12	62	8	27	64	Ø40	0.3
Z101710	16	Z10171008L	101	RLP-M10 x 1.5	42	35	12	62	10	27	64	Ø40	0.3
Z101712	25	Z10171208L	120	RLP-M12 x 1.75	57	46	19	88	12	42	91	Ø54	1.0
Z101716	25	Z10171608L	160	RLP-M16 x 2	57	46	19	88	16	42	91	Ø54	1.0
Z101720	36	Z10172008L	200	RLP-M20 x 2.5	83	55	28	110	20	55	133	Ø80	2.9
Z101724	36	Z10172408L	240	RLP-M24 x 3	83	55	28	110	24	55	133	Ø80	2.9
Z101730	58	Z10173008L	300	RLP-M30 x 3.5	114	70	34	148	30	76	182	Ø111	7.1
Z101736	58	Z10173608L	300	RLP-M36 x 4	114	70	34	148	36	76	182	Ø111	7.3
Z101762	81	Z10174008L	301	RLP-M42 x 4.5	149	91	40	190	42	99	229	Ø142	14.3
Z101748	81	Z10174808L	301	RLP-M48 x 5	149	91	40	190	48	99	229	Ø142	14.5

** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9

RLP with UNC thread

CE

Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)							M (in)	Weight (kg)***
					B	C	D	L1	X	Y	Z		
Z101608	16	Z10180808L	101	RLP-5/16"-18 UNC	42	35	12	62	27	64	Ø40	5/16"	0.3
Z101610	16	Z10181008L	101	RLP-3/8"-16 UNC	42	35	12	62	27	64	Ø40	3/8"	0.3
Z101612	25	Z10181208L	120	RLP-1/2"-13 UNC	57	46	19	88	42	91	Ø54	1/2"	1.0
Z101616	25	Z10181608L	160	RLP-5/8"-11 UNC	57	46	19	88	42	91	Ø54	5/8"	1.0
Z101620	36	Z10182008L	200	RLP-3/4"-10 UNC	83	55	28	110	55	133	Ø80	3/4"	2.9
Z101621	36	Z10182108L	200	RLP-7/8"-9 UNC	83	55	28	110	55	133	Ø80	7/8"	2.9
Z101624	36	Z10182408L	240	RLP 1"-8 UNC	83	55	28	110	55	133	Ø80	1"	2.9
Z101630	58	Z10183008L	300	RLP 1 1/4"-7 UNC	114	70	34	148	76	182	Ø111	1 1/4"	7.1
Z101636	58	Z10183608L	300	RLP 1 1/2"-6 UNC	114	70	34	148	76	182	Ø111	1 1/2"	7.3
Z101642	81	Z10184208L	301	RLP 1 3/4"-5 UNC	149	91	40	190	99	229	Ø142	1 3/4"	14.4
Z101648	81	Z10184808L	301	RLP 2"-4.5 UNC	149	91	40	190	99	229	Ø142	2"	14.7

** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9

Working Load Limits - RLP

4:1 Design Factor

Symmetric Load (tonnes)										
No. of Legs	1	1	2	2	2 Symmetric		3 & 4 Symmetric			
Angle ß	0°	90°	0°	90°	0 - 45°	45° - 60°	0 - 45°	45° - 60°	Tightening Torque	Spanner Size
RLP - M8 x 1.25	0.8	0.4	1.6	0.8	0.5	0.4	0.8	0.6	10 Nm	13 mm
RLP 5/16"-18 UNC	0.8	0.4	1.6	0.8	0.5	0.4	0.8	0.6	7 Ft.lb	1/2"
RLP - M10 x 1.5	1.2	0.7	2.4	1.4	0.9	0.7	1.4	1.0	15 Nm	13 mm
RLP 3/8"-16 UNC	1.2	0.65	2.4	1.3	0.9	0.6	1.3	0.9	11 Ft.lb	1/2"
RLP - M12 x 1.75	2.0	1.2	4.0	2.4	1.6	1.2	2.5	1.8	27 Nm	24 mm
RLP 1/2"-13 UNC	2.0	1.2	4.0	2.4	1.6	1.2	2.5	1.8	20 Ft.lb	15/16"
RLP - M16 x 2	3.2	2.0	6.4	4.0	2.8	2.0	4.2	3.0	60 Nm	24 mm
RLP 5/8"-11 UNC	3.2	2.0	6.4	4.0	2.8	2.0	4.2	3.0	44 Ft.lb	15/16"
RLP - M20 x 2.5	5.6	2.8	11.2	5.6	3.9	2.8	5.6	4.2	90 Nm	32 mm
RLP 3/4"-10 UNC	5.0	2.5	10.0	5.0	3.5	2.5	5.2	3.7	66 Ft.lb	1 5/16"
RLP 7/8"-9 UNC	5.6	2.8	11.2	5.6	3.9	2.8	5.6	4.2	66 Ft.lb	1 5/16"
RLP - M24 x 3	8.0	4.6	16.0	9.2	6.4	4.6	9.6	6.9	135 Nm	32 mm
RLP 1"-8 UNC	8.0	4.6	16.0	9.2	6.4	4.6	9.6	6.9	100 Ft.lb	1 5/16"
RLP - M30 x 3.5	12.0	6.0	24.0	12.0	8.4	6.0	12.6	9.0	270 Nm	55 mm
RLP 1 1/4"-7 UNC	12.0	6.0	24.0	12.0	8.4	6.0	12.6	9.0	200 Ft.lb	2 1/4"
RLP - M36 x 4	14.0	8.0	28.0	16.0	11.2	8.0	16.8	12.0	320 Nm	55 mm
RLP 1 1/2"-6 UNC	14.0	8.0	28.0	16.0	11.2	8.0	16.8	12.0	236 Ft.lb	2 1/4"
RLP - M42 x 4.5	16.0	14.0	32.0	28.0	19.6	14.0	29.4	21.0	600 Nm	75 mm
RLP 1 3/4"-5 UNC	16.0	14.0	32.0	28.0	19.6	14.0	29.4	21.0	440 Ft.lb	3"
RLP - M48 x 5	20.0	16.0	40.0	32.0	22.4	16.0	33.6	24.0	800 Nm	75 mm
RLP 2"-4.5 UNC	20.0	16.0	40.0	32.0	22.4	16.0	33.6	24.0	590 Ft.lb	3"

Disassembly of the RLP is made easy by just folding the D-ring forward and push down.

De-centered Lifting Point DLP

Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)										Weight (kg)***
					B	C	D	E	F	G	L1	M	X	Y	Z	
Z102208	13	Z1022080L	975	DLP-M8 x 1.25	35	48	10	39	14	10	78	8	30	55	26	0.3
Z102210	13	Z1022100L	975	DLP -M10 x 1.5	35	48	10	39	14	10	78	10	30	55	26	0.3
Z102212	23	Z1022120L	118	DLP -M12 x 1.75	35	48	12	51	20	14	91	12	44	59	32	0.5
Z102216	23	Z1022160L	156	DLP-M16 x 2	35	48	12	51	20	14	91	16	44	59	32	0.5
Z102220	34	Z1022200L	196	DLP-M20 x 2.5	54	88	18	71	28	18	145	20	58	90	48	1.6
Z102224	34	Z1022240L	238	DLP-M24 x 3	54	88	18	71	28	18	145	24	58	90	48	1.7
Z102230	53	Z1022300L	295	DLP-M30 x 3.5	82	94	26	104	39	27	182	30	88	122	75	5.0
Z102236	53	Z1022360L	295	DLP-M36 x 4	82	94	26	104	39	27	182	36	88	122	75	5.2
Z102242	73	Z1022420L	293	DLP-M42 x 4.5	100	104	36	136	54	34	216	42	113	156	110	11.6
Z102248	73	Z1022480L	293	DLP-M48 x 5	100	103	36	136	54	34	216	48	113	156	110	11.9

** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9

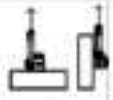
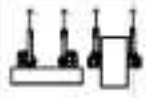
DLP with UNC thread

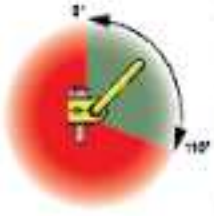
Stock No. Standard Bolt Length	L (mm)	Stock No. Long Bolt Length**	L2 (mm)	Code	Dimensions (mm)										⌀ (in)	Weight (kg)***
					B	C	D	E	F	G	L1	X	Y	Z		
Z102308	13	Z1023080L	975	DLP-5/16"-18 UNC	35	48	10	39	14	10	78	30	55	26	5/16"	0.3
Z102310	13	Z1023100L	975	DLP-3/8"-16 UNC	35	48	10	39	14	10	78	30	55	26	3/8"	0.3
Z102312	23	Z1023120L	118	DLP-1/2"-13 UNC	35	48	12	51	20	14	91	44	59	32	1/2"	0.5
Z102316	23	Z1023160L	156	DLP-5/8"-11 UNC	35	48	12	51	20	14	91	44	59	32	5/8"	0.5
Z102320	34	Z1023200L	196	DLP-3/4"-10 UNC	54	88	18	71	28	18	145	58	90	48	3/4"	1.6
Z102321	34	Z1023210L	196	DLP-7/8"-9 UNC	54	88	18	71	28	18	145	58	90	48	7/8"	1.6
Z102324	34	Z1023240L	238	DLP-1"-8 UNC	54	88	18	71	28	18	145	58	90	48	1"	1.7
Z102330	53	Z1023300L	295	DLP- 1 1/4"-7 UNC	82	94	26	104	39	27	182	88	122	75	1 1/4"	5.5
Z102336	53	Z1023360L	295	DLP-1 1/2"-6 UNC	82	94	26	104	39	27	182	88	122	75	1 1/2"	5.7
Z102342	73	Z1023420L	293	DLP-1 3/4"-5 UNC	100	103	36	136	54	34	216	113	156	110	1 3/4"	11.7
Z102348	73	Z1023480L	293	DLP-2"- 4.5 UNC	100	103	36	136	54	34	216	113	156	110	2"	12.1

** Long Bolt supplied with nut and washer. *** Weight is calculated with standard bolt length.
Bolt, nut and washer according to: ISO 898-1 Class 10.9

Working Load Limits - DLP

4:1 Design Factor

Symmetric Load (tonnes)						
No. of Legs	1	2	2 Symmetric	3 & 4 Symmetric		
Angle ß	0°< ß < 90°	0°< ß < 90°	0 - 45°	45° - 60°	0 - 45°	45° - 60°	Tightening Torque	Spanner Size
DLP-M8	0.35	0.70	0.5	0.35	0.7	0.5	10 Nm	13 mm
DLP-5/16"-18 UNC	0.35	0.70	0.5	0.35	0.7	0.5	7Ft.lb	1/2"
DLP-M10	0.65	1.30	0.9	0.65	1.4	1.0	15 Nm	13 mm
DLP-3/8"-16 UNC	0.60	1.20	0.8	0.60	1.3	0.9	11Ft.lb	1/2"
DLP-M12	1.0	2.0	1.4	1.0	2.1	1.5	27 Nm	24 mm
DLP-1/2"-13 UNC	1.0	2.0	1.4	1.0	2.1	1.5	20Ft.lb	15/16"
DLP-M16	1.8	3.6	2.5	1.8	3.7	2.7	60 Nm	24 mm
DLP-5/8"-11 UNC	1.6	3.2	2.2	1.6	3.3	2.4	44Ft.lb	15/16"
DLP - M20x2.5	2.6	5.2	3.6	2.6	5.4	3.9	90 Nm	32 mm
DLP 3/4"-10 UNC	2.2	4.4	3.0	2.2	4.6	3.3	66Ft.lb	1 5/16"
DLP 7/8"-9 UNC	2.6	5.2	3.6	2.6	5.4	3.9	66Ft.lb	1 5/16"
DLP - M24x3	4.1	8.2	5.7	4.1	8.6	6.1	135 Nm	32 mm
DLP 1"-8 UNC	4.1	8.2	5.7	4.1	8.6	6.1	100Ft.lb	1 5/16"
DLP - M30x3.5	5.0	10.0	7.0	5.0	10.5	7.5	270 Nm	55 mm
DLP 1 1/4"-7 UNC	5.0	10.0	7.0	5.0	10.5	7.5	200Ft.lb	2 1/4"
DLP - M36x4	7.0	14.0	9.8	7.0	14.7	10.5	320 Nm	55 mm
DLP 1 1/2"-6 UNC	7.0	14.0	9.8	7.0	14.7	10.5	236Ft.lb	2 1/4"
DLP - M42x4.5	15.0	30.0	21.0	15.0	31.5	22.5	600 Nm	75 mm
DLP 1 3/4"-5 UNC	15.0	30.0	21.0	15.0	31.5	22.5	440Ft.lb	3"
DLP - M48x5	20.0	40.0	28.0	20.0	42.0	30.0	800 Nm	75 mm
DLP 2"-4.5 UNC	20.0	40.0	28.0	20.0	42.0	30.0	590Ft.lb	3"



- The DLP can only be loaded from 0° to 110° degree.
- Rotation around screw axis when loaded at 0°-15° is not allowed.

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GUNNEBO Industries

Ball-bearing lifting point BLP

CE

Stock No.	Code	Dimensions (mm)									Weight (kg)
		B	C	D	L	L1	M	X	Y	Z	
7248130	BLP-M8 x 1.25	35	55	13	16	112	8	57	62	Ø42	0.6
7248142	BLP-M10 x 1.5	35	55	13	20	112	10	57	61	Ø42	0.6
7248151	BLP-M12 x 1.75	35	55	13	24	112	12	57	61	Ø42	0.6
7248160	BLP-M16 x 2	35	55	13	30	112	16	57	61	Ø42	0.6
7248169	BLP-M20 x 2.5	34	51	17	30	126	20	75	67	Ø59	1.3
7248178	BLP-M24 x 3	50	70	17	36	146	24	75	84	Ø59	1.6
7248187	BLP-M30 x 3.5	54	96	22	45	192	30	106	99	Ø74	3.4
7248196	BLP-M36 x 4	54	96	22	54	192	36	106	99	Ø74	3.5
7248205	BLP-M42 x 4.5	70	120	28	63	242	42	122	127	Ø93	6.5
7248214	BLP-M48 x 5	70	120	28	72	242	48	122	127	Ø93	6.8

BLP with UNC thread

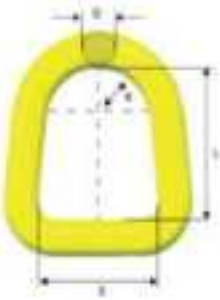
CE

Stock No.	Code	Dimensions (mm)								M	Weight (kg)
		B	C	D	L	L1	X	Y	Z		
7248223	BLP-5/16"-18 UNC	35	55	13	16	112	57	61	Ø42	5/16"	0.6
7248232	BLP-3/8"-16 UNC	35	55	13	20	112	57	61	Ø42	3/8"	0.6
7248241	BLP-1/2"-13 UNC	35	55	13	24	112	57	61	Ø42	1/2"	0.6
7248250	BLP-5/8"-11 UNC	35	55	13	30	112	57	61	Ø42	5/8"	0.6
7248269	BLP-3/4"-10 UNC	34	51	17	30	126	75	67	Ø59	3/4"	1.3
7248268	BLP-7/8"-9 UNC	50	51	17	30	126	75	67	Ø59	7/8"	1.3
7248277	BLP-1"-8 UNC	54	70	17	36	146	75	84	Ø59	1"	1.6
7248286	BLP-1 1/4"-7 UNC	54	96	22	48	202	106	99	Ø74	1 1/4"	3.4
7248295	BLP-1 1/2"-6 UNC	70	96	22	57	202	106	99	Ø74	1 1/2"	3.5
7248304	BLP-1 3/4"-5 UNC	70	120	28	67	242	122	127	Ø93	1 3/4"	6.5
7248313	BLP-2"-4.5 UNC	70	120	28	76	242	122	127	Ø93	2"	7.0

Working Load Limits* - BLP

Symmetric Load (tonnes)											
No. of Legs	1	1	2	2	2	2 Symmetric		3 & 4 Symmetric			
Angle ß	0°	90°	0°	0 - 45°	90°	0 - 45°	45° - 60°	0 - 45°	45° - 60°	Tightening torque	Spanner Size
BLP -M8x1.25	0.6	0.3	1.2	0.4	0.6	0.4	0.3	0.6	0.45	30 Nm	36 mm
BLP 5/16"-18 UNC	0.6	0.3	1.2	0.4	0.6	0.4	0.3	0.6	0.45	7Ft.Lb	1 1/2" UNC
BLP -M10x1.5	1.0	0.5	2.0	0.7	1.0	0.7	0.5	1.3	0.75	15 Nm	36 mm
BLP 3/8"-16 UNC	0.8	0.4	1.8	0.5	0.8	0.5	0.4	0.6	0.6	11Ft.Lb	1 1/2" UNC
BLP -M12x1.75	1.5	0.75	3.0	1.1	1.5	1.1	0.75	1.5	1.1	27 Nm	36 mm
BLP 1/2"-13 UNC	1.5	0.75	3.0	1.1	1.5	1.1	0.75	1.5	1.1	20Ft.Lb	1 1/2" UNC
BLP -M16x2	3.0	1.5	6.0	2.1	3.0	2.1	1.5	3.1	2.2	60 Nm	36 mm
BLP 5/8"-11 UNC	3.0	1.5	6.0	2.1	3.0	2.1	1.5	3.1	2.2	44Ft.Lb	1 1/2" UNC
BLP -M20x2.5	5.0	2.5	10.0	3.5	5.0	3.5	2.5	5.2	3.7	90 Nm	50 mm
BLP 3/4"-10 UNC	4.5	2.25	9.0	3.1	4.5	3.1	2.25	4.7	3.3	66Ft.Lb	2" UNC
BLP 7/8"-9 UNC	6.0	3.0	12.0	4.2	6.0	4.2	3.0	6.3	4.5	66Ft.Lb	2" UNC
BLP-M24x3	7.0	4.0	14.0	5.6	8.0	5.6	4.0	8.4	6.0	135 Nm	50 mm
BLP-1"-8 UNC	7.0	4.0	14.0	5.6	8.0	5.6	4.0	8.4	6.0	100Ft.Lb	2" UNC
BLP-M30x3.5	12.0	6.0	24.0	8.4	12.0	8.4	6.0	12.6	9.0	270 Nm	65 mm
BLP-1 1/4"-7 UNC	12.0	6.0	24.0	8.4	12.0	8.4	6.0	12.6	9.0	200Ft.Lb	2 5/8" UNC
BLP M39x4	14.0	8.0	28.0	11.2	16.0	11.2	8.0	16.8	12.0	320 Nm	65 mm
BLP-1 1/2"-6 UNC	14.0	8.0	28.0	11.2	16.0	11.2	8.0	16.8	12.0	236Ft.Lb	2 5/8" UNC
BLP-M42x4.5	16.0	10.0	32.0	14.0	20.0	14.0	10.0	21.0	15.0	500 Nm	85 mm
BLP-1 3/4"-5 UNC	16.0	10.0	32.0	14.0	20.0	14.0	10.0	21.0	15.0	440Ft.Lb	3 1/8" UNC
BLP M48x5	18.0	13.0	36.0	18.2	26.0	18.2	13.0	27.3	19.5	800 Nm	85 mm
BLP-2"-4.5 UNC	18.0	13.0	36.0	18.2	26.0	18.2	13.0	27.3	19.5	590Ft.Lb	3 1/8" UNC

* provided only axial loading takes place, ie no bending force applied in the direction of the thread. 4:1 Design Factor.

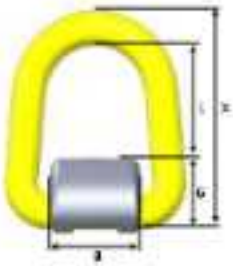


Master link D

CE

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			E	D	L	R	
Z7008771	D-14-10	2.5	35	14	66	24	0.4
Z7008781	D-17-10	4.0	64	17	82	29	0.5
Z7008801	D-22-10	7.0	76	22	90	33	1.0
Z7008791	D-27-10	10.0	85	27	98	38	1.9
Z7008792	D-32-10	16.0	114	32	139	50	3.5

4:1 Design Factor
The load bearing width must be at least 0.5 x E



Weldable Lifting Point WLP

CE

Stock No.	Code	WLL (t)	Dimensions (mm)				Weight (kg)
			B	G	L	X	
7248322	WLP-2.5T	2.5	50	27	53	95	0.5
7248331	WLP-4T	4.0	58	34	48	97	0.8
7248340	WLP-7T	7.0	64	41	73	138	1.8
7248349	WLP-10T	10.0	65	52	73	152	3.4
7248358	WLP-16T	16.0	90	66	105	203	6.7

4:1 Design Factor
Supplied with spring for stay up function.
Master Link measurements , see Master Link D above.

Screw-on Lifting Point SLP

CE

Stock No.	Code	WLL (t)	Dimensions (mm)						Bolt Protrusion	Weight (kg)
			B	C	H	L	M	X		
Z7009861	SLP-1T	1.0	50	72	98	54	M14	139	25	0.8
Z7009871	SLP-3T	3.0	58	84	114	49	M16	144	28	1.3
Z7009881	SLP-5T	5.0	64	116	160	71	M20	203	34	2.6

4:1 Design Factor
Supplied with bolt and spring for stay up function.
Bolt according to: ISO 898-1 Class 10.9.
Master Link measurements, see Master Link D above.

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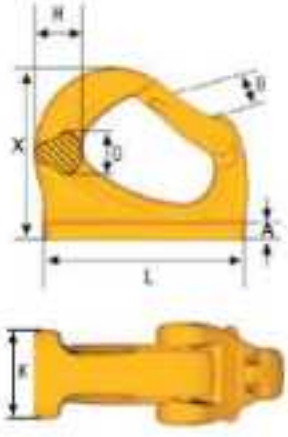


Universal Weld-On Hook - UKN

Stock No.	Code	WLL (t)	Dimension (mm)							Weight (kg)
			B	G	H	K	L	A	X	
Z1002500	UKN-0,75*	0.75	20	13	20	19	81.5	5	50	0.2
Z6511810	UKN-1*	1.0	27	17	25	25	95	6	70	0.6
Z7009060	UKN-2*	2.0	33	20	30	30	114	8	80	0.8
Z6456730	UKN-3	3.0	30	23	32	35	132	10	105	1.3
Z6521160	UKN-4	4.0	30	29	36	42	140	11	114	2.0
Z6459800	UKN-5	5.0	34	30	47	45	165	12	131	3.2
Z6518390	UKN-8	8.0	34	40	61	50	172	13	133	3.8
Z6458030	UKN-10	10.0	47	43	68	55	220	14	170	8.2
Z1007850	UKN-16	16.0	55	50	67	60	240	15	188	9.8
Z1007851	UKN-20	20.0	65	60	66	60	275	16	207	12.4

* Welding plate slightly curved ** Safety factor 5:1 Fulfills requirements in: EN 474-1.

Universal weld-on hook, UKN

The original excavator hook

Excavators are often used for material handling and lifting because they are available on most construction sites. However, rigging gear is often incorrectly attached, either to the teeth of the bucket or directly on the excavator arm, which is a dangerous practice that can lead to accidents.

The Gunnebo Industries UKN Hook was developed in 1975 – a solution that transformed the excavator into a lifting crane. The UKN Hook has been fitted to excavators and other applications for almost 50 years, either as an aftermarket product or directly by the manufacturer.

Today the UKN is the hook of choice for leading international excavator manufacturers.

Quality

- Forged alloy steel.
- Hardened and tempered.

100% proof-loaded

- Every hook is individually proof-loaded at 3 x WLL.

High durability

- Forged.
- Rated with a 5:1 safety factor.

Clear markings

- Country of origin.
- Traceability code.
- Model and size.

Heavy duty latch

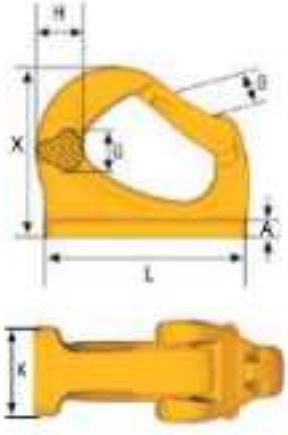
- Latch with handles for easy opening.
- Hardened and tempered.

Prepared for welding

- Base plate prepared for welding.

Pin & spring

- Spring protection.
- Hardened and tempered hinge pin.
- Stainless steel spring.



Universal Weld-On Hook - UKN

Stock No.	Code	WLL metric tonnes**	Dimensions (mm)							Weight (kg)
			B	G	H	K	L	A	X	
Z1002560	UKN-0.75*	0.75	20	13	20	19	81.5	6	56	0.2
Z8511810	UKN-1*	1.0	27	17	25	25	95	6	72	0.6
Z7009060	UKN-2*	2.0	33	20	30	30	114	8	86	0.9
Z8455730	UKN-3	3.0	30	25	32	35	132	10	105	1.3
Z8521160	UKN-4	4.0	30	29	38	42	140	11	114	2.0
Z8455800	UKN-5	5.0	34	35	47	45	166	12	131	3.2
Z8515390	UKN-8	8.0	34	40	51	50	172	13	133	3.6
Z8456030	UKN-10	10.0	47	45	58	55	220	14	170	8.2
Z1007850	UKN-15	15.0	55	50	67	60	240	15	188	9.8
Z1007851	UKN-20	20.0	66	60	68	60	276	16	207	12.4

* Welding plate slightly curved
** Design factor 5:1