



## A NEW WAY TO FABRICATE CHAIN SLINGS

GrabiQ is an exciting new family of alloy chain sling components. Instead of the old “one component does one job” fitting approach, GrabiQ combines up to three separate functions in a single component. The GrabiQ Master Grab combines a masterlink, connecting links for two legs of chain and shortening hooks for each leg, **in one fitting**. Using traditional fittings to construct the same sling would require seven components, instead of just one.

Some GrabiQ fittings are well suited for use as top assembly connectors or as hooks at the bottom of a sling, adding even more versatility. Each leg of a GrabiQ sling is typically furnished with a chain pocket, which can be used for shortening or creating leg loops.

### Increased Strength to Weight Ratio with GrabiQ-Grade 100.

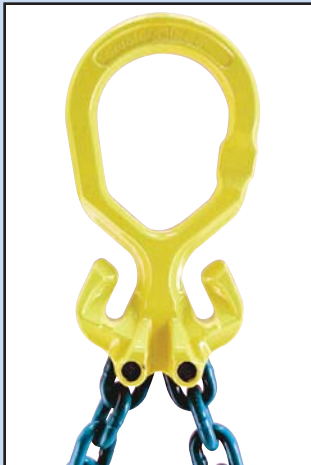

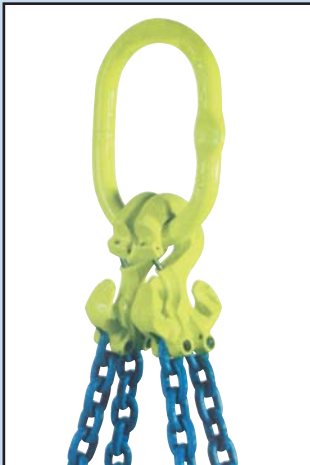
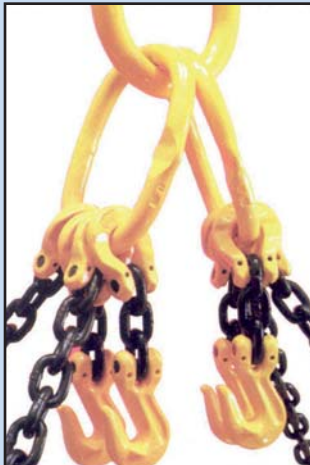
While the specific Work Load Limits vary, depending on size, slings fabricated from Grade 100 chain and fittings are about 25% stronger than Grade 80 counterparts. Converting from Grade 80 to GrabiQ (Grade 100) will benefit users who can make use of the additional WLL without the expense of purchasing larger chain and fittings. The increased strength varies depending on the size. Work Load Limit (WLL) gain for 3/8” is about 24 percent, while the WLL for 7/32” is more than 30 percent. All other sizes fall somewhere between a 24% and 30% (WLL) gain.

**Fewer Components Means:**

**Less Weight**  
**Less Clutter**

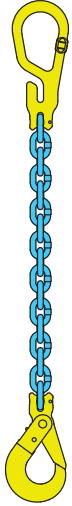
**Easier Rigging**  
**Easier Inspections**

Most of the time, GrabiQ slings will be lighter than Grade 80 counterparts. Fewer components mean less weight and clutter and much easier rigging. Inspecting chain slings is easier and faster because fewer components must be examined for wear or damage.

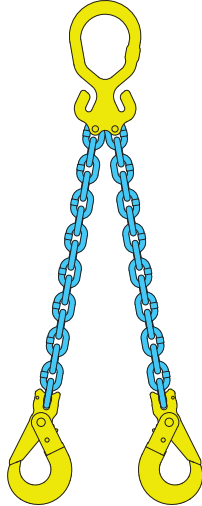
ONE VS. SEVEN		THREE VS. THIRTEEN	
			
The GrabiQ Master Grab combines a masterlink, masterlink connectors for two legs of chain and two shortening hooks into a single fitting.	Traditional two leg, fully adjustable slings require 7 components.	GrabiQ four leg adjustable slings require 3 fittings.	Traditional four leg adjustable slings require 13 components.



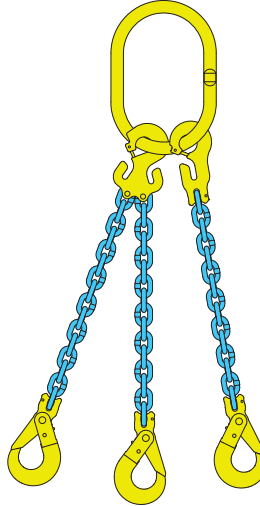
**MG-BKG**



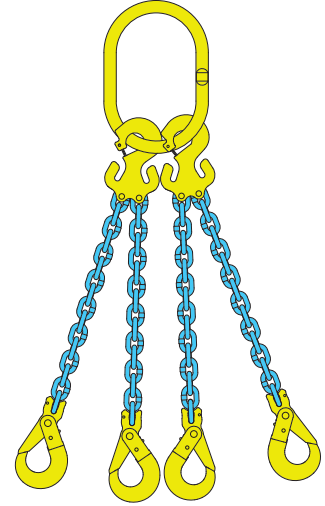
**MGD-BKG**



**TG3-BKG**



**TG4-BKG**



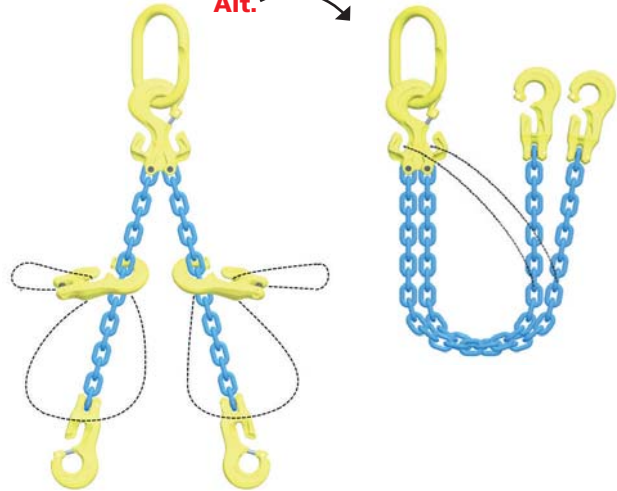
**TG1-CL**

**Alt.** →



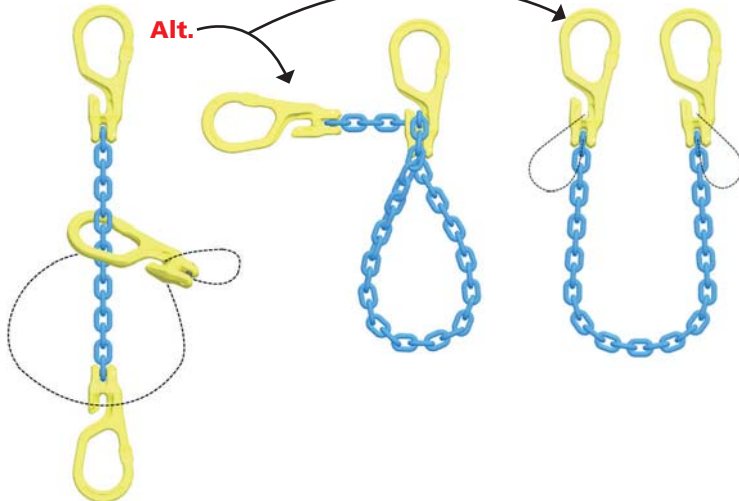
**TG2-CG**

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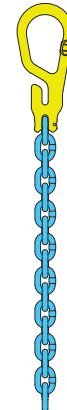


**MG-MG**

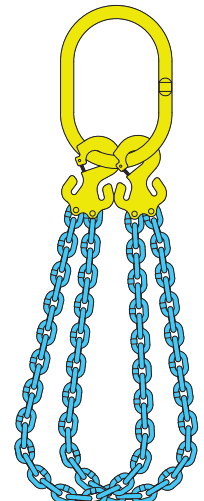
**Alt.** →



**MG-P**

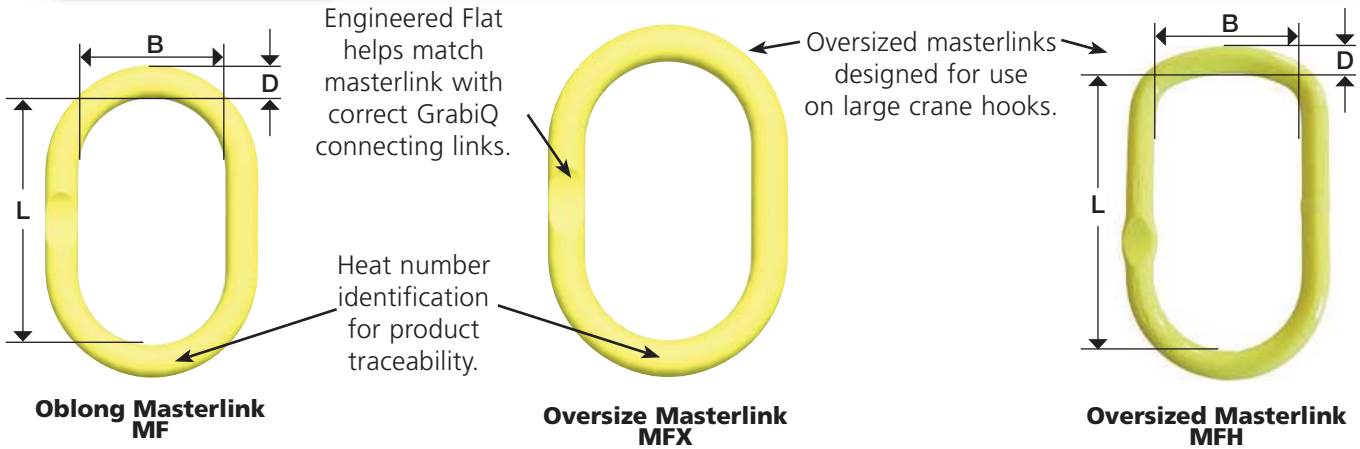


**BDGG**





# GrabiQ® Components



For 1, 2, 3 or 4 leg chain slings when used with C-Grab and C-Lok Connectors.

### OBLONG MASTERLINK - MF

STOCK NUMBER	TRADE SIZE (Inches)	1 LEG 90°	WORK LOAD LIMIT (Lbs.)	2 LEGS 60°	WORK LOAD LIMIT (Lbs.)	3 or 4 LEGS 60°	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)			WEIGHT EACH (Lbs.)
								L	B	D	
MF-86-10	1/2	5/16"	5,700	-	-	-	-	4.7	2.8	.55	.9
MF-108-10	5/8	3/8"	8,800	5/16"	9,900	-	-	5.5	3.2	.67	1.5
MF-1310-10	7/8	1/2"	15,000	3/8"	15,200	5/16"	14,800	6.3	3.7	.87	3.3
MF-1613-10	1	5/8"	22,600	1/2"	26,000	3/8"	22,900	7.5	4.3	1.10	5.5
MF-2016-10	1-3/8	-	-	5/8"	39,100	1/2"	39,000	9.4	5.5	1.30	11.2
MF-2220-10	1-1/2	-	-	-	-	5/8"	58,700	9.8	5.9	1.60	16.1

\*Design Factor 4:1

For 1 or 2 leg chain slings when used with C-Grab and C-Lok connectors.

### OBLONG MASTERLINK - MFX OVERSIZED FOR LARGE CRANE HOOKS

STOCK NUMBER	TRADE SIZE (Inches)	1 LEG 90°	WORK LOAD LIMIT (Lbs.)	2 LEGS 60°	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)			WEIGHT EACH (Lbs.)
						L	B	D	
MFX-108-10	1	5/16"	5,700	-	-	13.4	7.1	.99	8.2
MFX-108-10	1	3/8"	8,800	5/16"	9,900	13.4	7.1	.99	8.2
MFX-1310-10	1-1/8	1/2"	15,000	3/8"	15,200	13.4	7.1	1.1	10.4
MFX-1613-10	1-3/8	5/8"	22,600	1/2"	26,000	13.4	7.1	1.3	15.4
MFX-2016-10	1-1/2	-	-	5/8"	39,100	13.4	7.1	1.5	18.7

\*Design Factor 4:1

For 1, 2, 3 or 4 leg chain slings when used with C-Grab and C-Lok Connectors.

### OBLONG MASTERLINK - MFH OVERSIZED FOR LARGE CRANE HOOKS

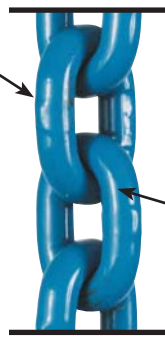
STOCK NUMBER	TRADE SIZE (Inches)	1 LEG 90°	WORK LOAD LIMIT (Lbs.)	2 LEGS 60°	WORK LOAD LIMIT (Lbs.)	3 or 4 LEGS 60°	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)			WEIGHT EACH (Lbs.)
								L	B	D	
MFH-1310-10	7/8	5/16"	5,700	-	-	-	-	9.1	4.9	.9	4.2
MFH-1310-10	7/8	3/8"	8,800	5/16"	9,900	-	-	9.1	4.9	.9	4.2
MFH-1310-10	7/8	1/2"	15,000	3/8"	15,200	5/16"	14,800	9.1	4.9	.9	4.2
MFH-1613-10	1	5/8"	22,600	1/2"	26,000	3/8"	22,900	9.8	5.3	1.1	7.1
MFH-2016-10	1-1/4	-	-	5/8"	39,100	1/2"	39,000	11.0	5.3	1.3	10.1
MFH-2220-10	1-1/2	-	-	-	-	5/8"	58,700	12.6	6.9	1.6	19.0
MFHW-2220-10	1-1/2	-	-	-	-	5/8"	58,700	14.0	8.9	1.6	21.8

\*Design Factor 4:1 & Proof Tested To 2X WLL

NOTE: All MFH masterlinks require a special fixture for proof testing. Do not proof test without consulting the manufacturer.



Every Link is calibrated and pull tested to 62% of the minimum breaking force.



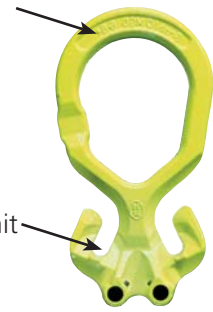
**Alloy Chain**

Minimum 20% elongation. Fully hardened and tempered alloy steel.



**Master Grab MG**

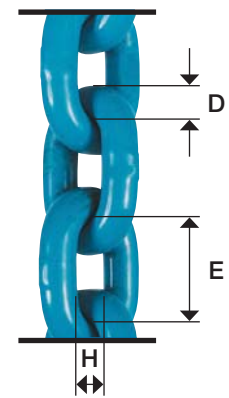
Heat Number identification for product traceability.



**Master Grab Dual MGD**

Integral Chain Pockets permit shortening or creating leg loops for each leg.

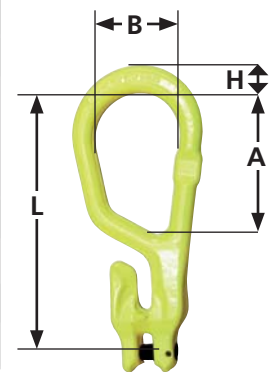
ALLOY CHAIN - GRADE 100						
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)			WEIGHT 100 Ft. (Lbs.)
			D	E	H	
KLA-8-10	5/16	5,700	.32	.95	.45	97
KLA-10-10	3/8	8,800	.40	1.20	.58	151
KLA-13-10	1/2	15,000	.52	1.50	.72	253
KLA-16-10	5/8	22,600	.63	1.90	.87	450



\*Design Factor 4:1

*All in one fitting, combining masterlink, connector and shortening function for single leg slings.*

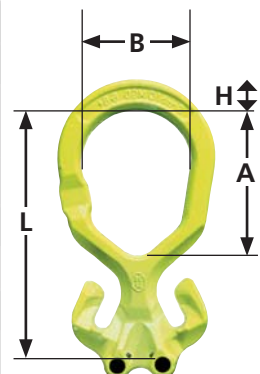
MASTER GRAB TYPE - MG							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	A	B	H	
MG-8-10	5/16	5,700	6.7	3.7	2.4	.71	2.2
MG-10-10	3/8	8,800	8.3	4.6	3	.87	4.0
MG-13-10	1/2	15,000	10.3	5.6	3.5	1	7.7
MG-16-10	5/8	22,600	12.2	6.4	4.1	1.2	12.8



\*Design Factor 4:1

*All in one fitting, combining masterlink, connector and shortening function for two leg slings.*

MASTER GRAB DUAL TYPE - MGD							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.)	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	A	B	H	
MGD-8-10	5/16	9,900	6.7	3.9	3	.83	3.1
MGD-10-10	3/8	15,200	8.3	4.9	3.5	.95	5.5
MGD-13-10	1/2	26,000	10.3	5.8	4.1	1.1	11.0
MGD-16-10	5/8	39,100	12.2	6.9	4.7	1.4	19.6



\*Design Factor 4:1



# GrabiQ® Components



**C-Grab Type CG**



**C-Grab Dual Type CGD**



**C-Lok Type CL**



**C-Lok Dual Type CLD**

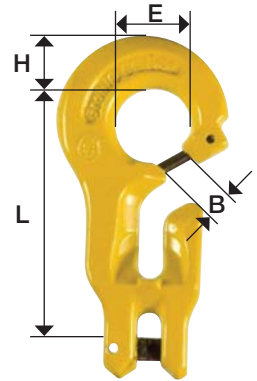
Integral Cradle Chain Pockets permit shortening or creating leg loops for each leg with no reduction of Work Load Limits.

Heat Number identification for product traceability.

Use as a connecting link or sliding choker hook.

A connecting link used with MF, MFX or MTX masterlinks to attach one leg of chain. Can also be used as an adjustable sliding choker. Fitting includes built-in chain pocket for shortening or creating leg loops with no WLL reduction.

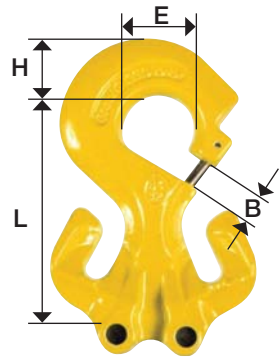
C-GRAB TYPE - CG							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	E	H	
CG-8-10	5/16	5,700	4.2	.47	1.3	.95	1.8
CG-10-10	3/8	8,800	5.3	.59	1.6	1.1	3.3
CG-13-10	1/2	15,000	6.8	.71	2.0	1.5	7.1
CG-16-10	5/8	22,600	8.5	.87	2.5	1.9	13.4



\*Design Factor 4:1

A connecting link used with MF, MFX or MTX masterlinks to attach two legs of chain. Fitting includes built-in chain pocket for shortening or creating leg loops.

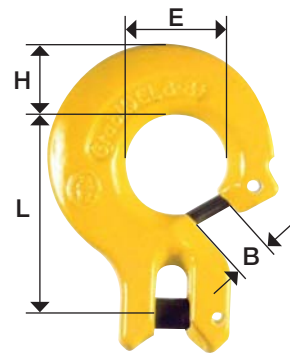
C-GRAB DUAL TYPE - CGD							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 60°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	E	H	
CGD-8-10	5/16	9,900	4.2	.47	1.3	1.1	2.9
CGD-10-10	3/8	15,200	5.2	.59	1.6	1.5	5.5
CGD-13-10	1/2	26,000	6.8	.71	2	1.8	12.1
CGD-16-10	5/8	39,100	8.5	.87	2.5	2.2	22.5



\*Design Factor 4:1

A connecting link used with MF, MFX or MTX masterlinks to attach one leg of chain. The C-Lok can also be used as a connecting link or at the bottom of a sling as a sliding choker.

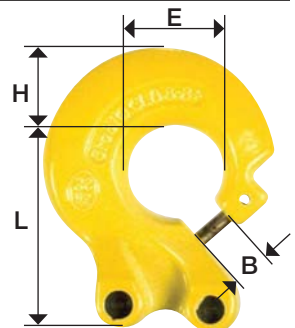
C-LOK TYPE - CL							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	E	H	
CL-8-10	5/16	5,700	2.2	.47	1.3	.95	1.1
CL-10-10	3/8	8,800	2.8	.59	1.6	1.1	2.0
CL-13-10	1/2	15,000	3.7	.71	2.0	1.5	4.4
CL-16-10	5/8	22,600	4.7	.87	2.5	1.9	8.4



\*Design Factor 4:1

A connecting link used with MF, MFX or MTX masterlinks to attach two legs.

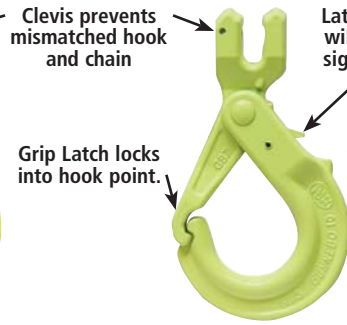
C-LOK DUAL TYPE - CLD							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 60°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	E	H	
CLD-8-10	5/16	9,900	2.2	.47	1.3	1.1	1.8
CLD-10-10	3/8	15,200	2.8	.59	1.6	1.5	3.3
CLD-13-10	1/2	26,000	3.7	.71	2.0	1.8	7.3
CLD-16-10	5/8	39,100	4.5	.99	2.5	2.2	13.2



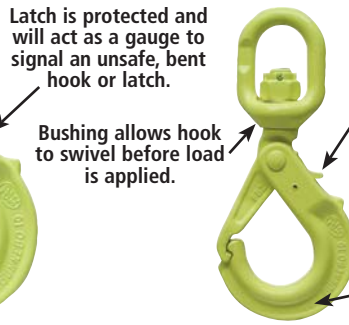
\*Design Factor 4:1



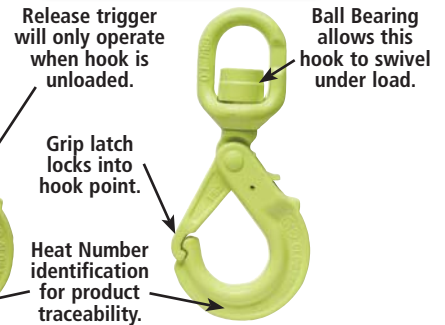
**EGKN Sling Hook**



**GBK Self Locking Hook**

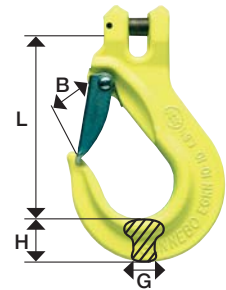


**LBK Swivel Eye Grip Latch**



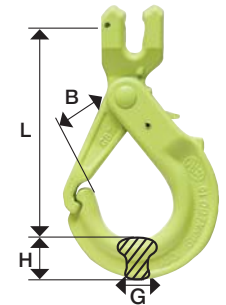
**LKBK Swivel Eye Grip Latch**

EGKN SLING HOOK							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	G	H	
EGKN-8-10	5/16	5,700	3.7	1.1	.67	.87	1.1
EGKN-10-10	3/8	8,800	4.8	1.4	.90	1.2	2.2
EGKN-13-10	1/2	15,000	5.7	1.7	1.1	1.5	5.1
EGKN-16-10	5/8	22,600	6.7	2.0	1.4	1.8	8.4



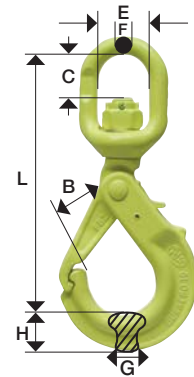
\*Design Factor 4:1

GBK SELF LOCKING HOOK							
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)				WEIGHT EACH (Lbs.)
			L	B	G	H	
GBK-8-10	5/16	5,700	4.7	1.5	.79	.87	1.8
GBK-10-10	3/8	8,800	5.9	1.9	.94	1.1	2.9
GBK-13-10	1/2	15,000	6.8	2.1	1.1	1.4	5.3
GBK-16-10	5/8	22,600	8.5	2.4	1.5	2.0	12.3



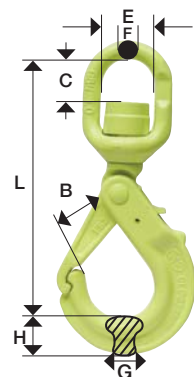
\*Design Factor 4:1

LBK SWIVEL EYE GRIP LATCH SELF LOCKING HOOK with Bronze Bushing										
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)							WEIGHT EACH (Lbs.)
			L	B	C	E	F	G	H	
LBK-7/8-10	5/16	5,700	6.9	1.5	1.1	1.5	.47	.79	.87	1.8
LBK-10-10	3/8	8,800	8.4	1.9	1.4	1.7	.59	.87	1.1	4.0
LBK-13-10	1/2	15,000	9.3	2.1	1.9	1.9	.75	1.10	1.4	8.4



\*Design Factor 4:1

LKBK SWIVEL EYE GRIP LATCH SELF LOCKING HOOK with Ball Bearings										
STOCK NUMBER	CHAIN SIZE (Inches)	WORK LOAD LIMIT (Lbs.) AT 90°	DIMENSIONS (Inches)							WEIGHT EACH (Lbs.)
			L	B	C	E	F	G	H	
LKBK-7/8-10	5/16	5,700	6.9	1.5	1.1	1.5	.47	.79	.87	1.8
LKBK-10-10	3/8	8,800	8.4	1.9	1.4	1.7	.59	.87	1.1	4.0
LKBK-13-10	1/2	15,000	9.3	2.1	1.9	1.9	.75	1.10	1.4	8.4



\*Design Factor 4:1