

# Lifting Equipment Provided by Martec

## Product Catalogue







**Martec offers**

**genuine quality that pursues**

**Safety - Labor Efficiency - Convenience**

In 1974 a section of the Kobe based ship inspection company Marine Enterprise Co. Ltd. was incorporated as an independent company – Martec K.K. We tied business relations with companies in several European countries and in 1978 became the sole agent for lifting products from Swedish manufacturer Gunnebo Industries.

We have a sales track record in Japan for over 40 years, and currently handle **more than 200 different items** of lifting equipment – mainly Gunnebo-made products – with load capacities ranging from 0.8 to 100 tons. With superior products from Japan and overseas, we meet the various lifting needs of our customers.

We also focus on developing our own products, which we manufacture and sell under strict in-house standards. This dedicated manufacturing ("monozukuri" in Japanese) has been recognized, with our products being approved as safety-relevant parts by major construction machinery manufacturers. We steadily built up our reputation as a reliable lifting equipment manufacturer.

Currently, we have relationships with customers from a wide range of industries, including the construction machinery manufacturers mentioned above, major general contractors, precast concrete manufacturers, manufacturing plants for automobiles and other transportation-related equipment, steel manufacturers, thermal and wind power plants.

Our work does not end with the manufacture and sale of lifting equipment. Upon request, **we also inspect lifting equipment and provide safety training for workers.** This is also because we prioritize the safety of our customers at lifting work sites.

Martec will continue to contribute in various ways to **Safety - Labor Efficiency - Convenience** at our customers' production sites.



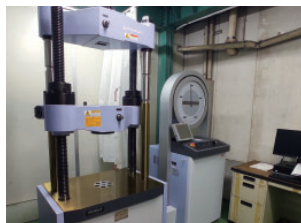
### Examples of our in-house equipment

#### Destructive measurement

- Amsler tensile testing machine

#### Non-destructive measurement

- Rockwell hardness tester
- Magnetic flaw detector
- Ultrasonic inspection machine


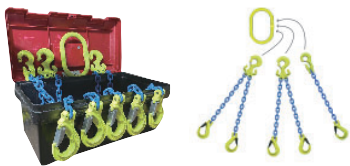






Amsler tensile testing machine




Rockwell hardness tester

# INDEX

<b>Our High-end Lifting Products</b>	<b>4-5</b>		
<b>Selecting a Suitable Chain Sling</b>	<b>6-7</b>		
<b>Chain Sling Sets</b>	<b>8-13</b>		
			
<b>"Sling Master" and "Sling Expert"</b>	<b>14</b>		
			
<b>Chan Sling Accessories</b>	<b>15-26</b>		
<b>Chain</b>	<b>15</b>		
			
<b>Master Links</b>	<b>15-17</b>		
			
<b>Couplings</b>	<b>18-20</b>		
			
<b>Hooks</b>	<b>21-25</b>		
			
<b>Other Accessories</b>	<b>25-26</b>		
			
<b>Special Purpose Hooks</b>	<b>26</b>		
			
<b>Insulated Hooks</b>	<b>27</b>		
			
<b>SK System</b>	<b>28-29</b>		
			
<b>Spare Parts</b>	<b>30</b>		
<b>Safety Precautions</b>	<b>31</b>		
<b>Product Inspection</b>	<b>32</b>		
<b>Excavator Hooks</b>	<b>33</b>		
			
<b>Special Lifting Products</b>	<b>34-35</b>		
			

For videos about high-end lifting products,  
please check out our YouTube channel.  
[www.youtube.com/@MartecLiftingEquipment](http://www.youtube.com/@MartecLiftingEquipment)



## Born from Unique Ideas, Rational Design, and Excellent Material

### Contributing to Safety

#### Thorough Production Management



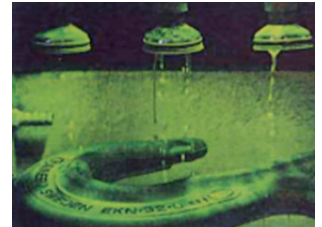
Forging



Blasting



Powder Coating



Magnetic Particle Testing

Gunnebo's lifting products are manufactured using Swedish steel, which is considered to be the strongest steel. Therefore they are highly durable and resistant to wear. The KLA chain is world top class in elongation – the Japanese JIS standard stipulates that the total elongation at break is 20% or more.

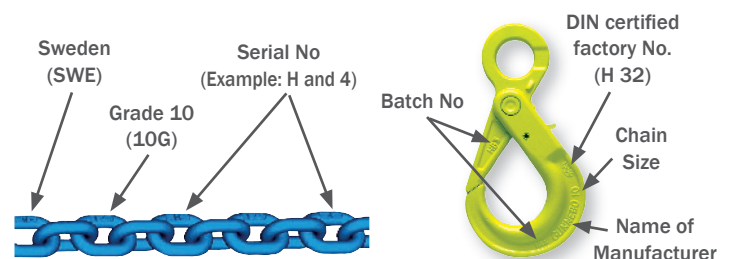
Gunnebo also thoroughly controls the production process from raw materials to the final product. They have their own production facilities for each product, such as chains, hooks, and master links, and only products that have passed a series of tests and are guaranteed to be safe are shipped out.

#### Examples of tests applied

Automatic forging quality test // Calibration test // Chain bending and elongation test  
 Breaking force measurement test // Magnetic particle test // Proof load test

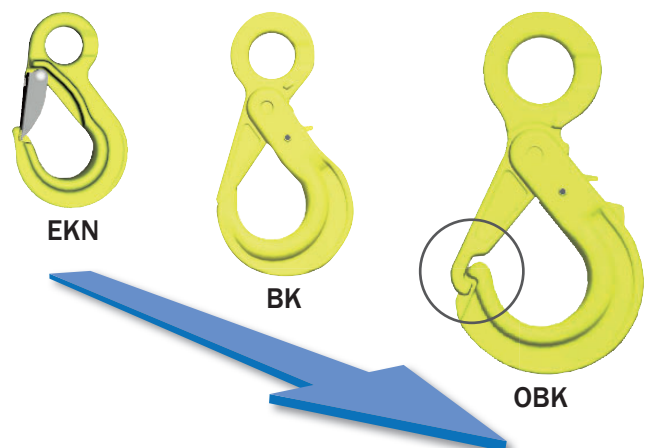
#### Traceability

Our awareness of safety remains, even after products have been shipped. All items are marked with the manufacturer's name, product size, grade, and batch number. This makes it possible to trace all products back to the raw materials, determining when and where they were manufactured.



#### Griplatch Hook (OBK)

Safety also comes from unique ideas and rational design. For example, the OBK Griplatch Hook is the next generation of the first safety hook with locking function (BK type) that had been developed to improve latch-type hooks, which involve the risk of wire falling off. Thanks to its special interlocking latch, the OBK provides excellent safety, allowing workers to be aware of the danger of overload in advance. Our evolution never stops in our pursuit to improve safety.

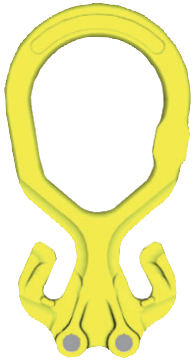


[See product details on page 21.](#)

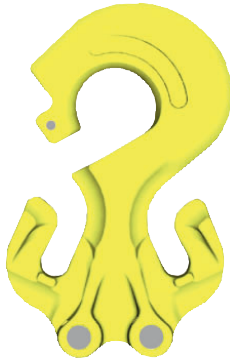


## Born from Unique Ideas, Rational Design, and Excellent Material Contributing to Labor Efficiency and Convenience

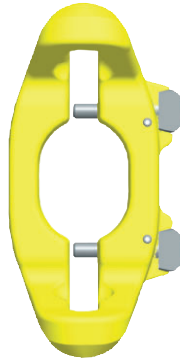
### Shortening Function



MGD



CGD



MIG

One main feature of the lifting equipment Martec provides, is its rational, original design, born from unique ideas. Particularly noteworthy are the master links (MG, MGD) and couplings (CG, CGD) with integrated chain shortening function.

Additional length adjustment components become unnecessary! **Lifting tasks with any desired lifting height** can be performed easily on the spot, and a reduced number of parts consequently means **less weight and costs**.

The functionality of this design, which can't be found with other companies, is state of the art forging.

See product details on pages 15, 16, 18, 25.



1



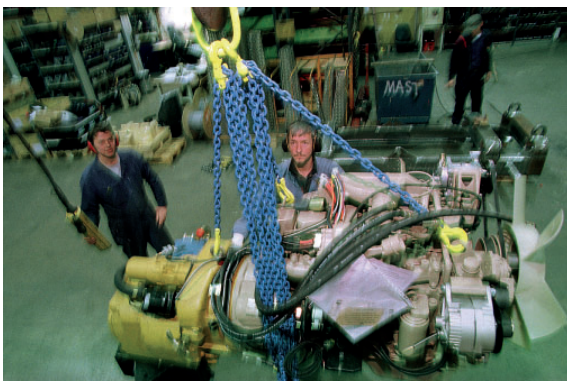
2



3

### Easy chain length adjustment

Just hang the chain on the shortening pocket. No reduction of the working load limit (lifting angle within 90 degrees).



The shortening function allows flexible handling even of unevenly weighted (asymmetric) loads on the spot. No special lifting equipment is required!



Chain sets with shortening can also be used for hoisting (see photo left) – opening up a wide range of possible applications!

## Step 1: Determine the lifting conditions

At first, confirm the weight of the load (or the maximum load limit of the crane). Then determine the appropriate lifting method (one-leg, two-leg, three- or four-leg, choke, basket lifting) and the lifting angle.



## Step 2: Determine the chain diameter

Select the chain diameter that best meets the lifting conditions determined in step 1.

See WLL table on page 7.



## Step 3: Select the right hook type

Choose a hook from our lineup on pages 21 to 25 (safety hook, swivel hook, clevis type, etc.) which best meets the requirements of the lifting task.

See also our chain sling sets on pages 9 to 14.



## Step 4: Select a master link

Choose a master link from our lineup on pages 15 to 17 (with shortening function, for large cranes, etc.) which best suits the lifting method and the chain diameter.

See also our chain sling sets on pages 9 to 14.



**If you have difficulties choosing the right sling, please contact us.**



## Working Load Limits depending on Lifting Method Safety factor 5:1

Lifting Method	1-leg	2-leg			3-leg / 4-leg		
Lifting Angle (α)	-	60°	90°	120°	60°	90°	120°
Mode Coefficient	1.0	1.73	1.41	1.0	2.59	2.12	1.5
Chain Diameter (mm)	Working Load Limit (WLL) of Chain (Grade 10) (t)						
6	1.1	1.9	1.5	1.1	2.8	2.3	1.6
8	2.0	3.4	2.8	2.0	5.1	4.2	3.0
10	3.2	5.5	4.5	3.2	8.3	6.7	4.8
13	5.2	9.0	7.3	5.2	13.5	11.0	7.8
16	8.0	13.8	11.3	8.0	20.7	16.9	12.0
20	12.8	22.1	18.1	12.8	33.2	27.1	19.2
22	16.0	27.7	22.6	16.0	41.5	33.9	24.0
26	21.6	37.4	30.5	21.6	56.1	45.8	32.4
32	32.0	55.4	45.2	32.0	83.1	67.8	48.0

Lifting Method	1-leg Choke	2-leg Choke			1-leg 2-point Basket		
Lifting Angle (α)	-	60°	90°	120°	60°	90°	120°
Mode Coefficient	0.8	1.4	1.1	0.8	1.4	1.1	0.8
Chain Diameter (mm)	Working Load Limit (WLL) of Chain (Grade 10) (t)						
6	0.8	1.5	1.2	0.8	1.5	1.2	0.8
8	1.6	2.7	2.2	1.6	2.7	2.2	1.6
10	2.5	4.4	3.6	2.5	4.4	3.6	2.5
13	4.1	7.2	5.8	4.1	7.2	5.8	4.1
16	6.4	11.0	9.0	6.4	11.0	9.0	6.4
20	10.2	17.7	14.4	10.2	17.7	14.4	10.2
22	12.8	22.1	18.1	12.8	22.1	18.1	12.8
26	17.2	29.9	24.4	17.2	29.9	24.4	17.2
32	25.6	44.3	36.2	25.6	44.3	36.2	25.6

Lifting Method	2-leg 4-point Basket		
Lifting Angle (α)	60°	90°	120°
Mode Coefficient	2.1	1.7	1.2
Chain Diameter (mm)	Working Load Limit (WLL) of Chain (Grade 10) (t)		
6	2.2	1.8	1.3
8	4.1	3.3	2.4
10	6.6	5.4	3.8
13	10.8	8.8	6.2
16	16.6	13.5	9.6
20	26.6	21.7	15.3
22	33.2	27.1	19.2
26	44.8	36.6	25.9
32	66.5	54.3	38.4

### JIS B 8816 Appendix 2

Chain Sling Working Load Limit  
Mode Coefficient (M) Calculation Method

2-leg lifting:  $M = 2 \times \cos \beta$

3-leg and 4-leg lifting:  $M = 3 \times \cos \beta$

3-leg lifting

4-leg lifting

\* The above working load limits are based on the condition that the center of gravity is not biased and the load is evenly distributed on each sling. When using two or more chain slings to lift unbalanced (asymmetric) load by adjusting the chain length, refer to the WLL values for 1-leg lifting.

## Definition of Chain Sling Set Codes

### Component

#### Master Link

Name	MG	MGD	MFA	MFX
Code	MG		T	X

#### Coupling

	-			
Name	-	CG/CGD	CL/CLD	GA
Code		G	L	A

#### Chain

\* Number of legs

Code	1	2	3	4

#### Hook

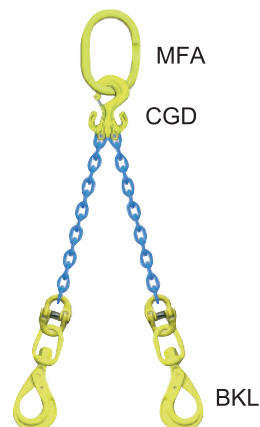
\* In addition to these examples we have a large variation of hooks available.

Name	BK	BKL	OKE	CL
Code	BK	BKL	OKE	CL

Example:



**MG1-BK**



**TG2-BKL**



## Sets Including Master Link with Shortening Function

Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

**1-leg Sets** When choke lifting, working load limits (WLL) are 80% of the values shown in below table.

WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code								Master Link MG	
			MG1-BK	MG1-BKL	MG1-EKN	MG1-OKE	MG1-GBK	MG1-EGKNA	MG1-GGA	MG1-BMS		
1.1	6	Master Link B	60			-	60		-	-		
		Set Weight	2.1	2.2	2.0	-	1.9	1.9	-	-		
2.0	8	Master Link B	60						-	-		
		Set Weight	3.6	3.9	3.3	3.5	3.4	3.1	3.1	-		
3.2*	10	Master Link B	75							-		-
		Set Weight	6.2	6.5	5.7	6.1	5.7	5.6	5.6	8.4		
5.2	13	Master Link B	90							-		-
		Set Weight	10.9	11.6	10.3	10.7	10.3	9.9	9.6	-		
8.0	16	Master Link B	105							-		-
		Set Weight	17.9	19.1	16.4	17.3	16.4	15.8	15.7	-		

\* MG1-BMS = 3.0t

**2-leg Sets** When choke lifting, working load limits (WLL) are 80% of the values shown in below table.

WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						Master Link MGD		
			MG2-BK	MG2-BKL	MG2-EKN	MG2-OKE	MG2-GBK	MG2-EGKNA		MG2-GGA	
1.9	1.5	6	Master Link B	60			-	60		-	
			Set Weight	3.8	4.2	3.7	-	3.6	3.6	-	
3.4	2.8	8	Master Link B	75						-	
			Set Weight	6.8	7.3	6.2	6.6	6.4	5.8	5.7	
5.5	4.5	10	Master Link B	90						-	
			Set Weight	11.0	11.7	10.0	10.8	10.1	9.8	9.9	
9.0	7.3	13	Master Link B	105						-	
			Set Weight	19.8	21.2	18.6	19.4	18.7	17.9	17.3	
13.8	11.3	16	Master Link B	120						-	
			Set Weight	31.5	33.8	28.5	31.3	28.5	27.3	27.0	

\* In addition to the sizes listed in the table above, we also offer chains with a diameter of up to 32 mm (WLL 32 t).

\* When choke lifting with a GGA Grab Hook, the working load limits (WLL) are 80% of the values shown in above table.

\* Please note that the working load limits change if the lifting angle exceeds 60°.

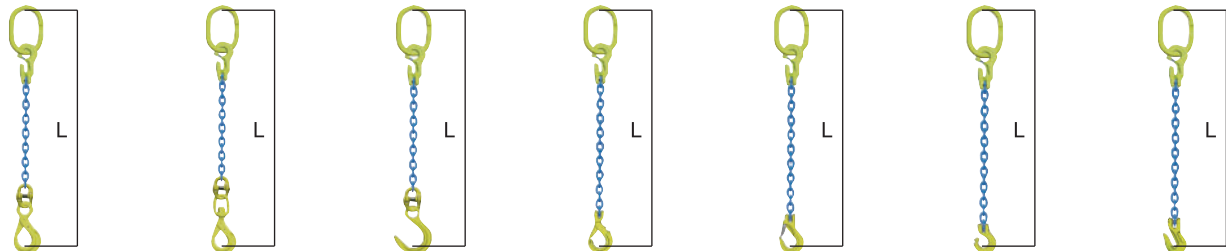
\* When using two or more chain slings to lift unbalanced (asymmetric) load by adjusting the chain length, refer to the WLL values for 1-leg lifting.

## Sets Including Couplings with Shortening Function


Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

### 1-leg Sets

When choke lifting, working load limits (WLL) are 80% of the values shown in below table.

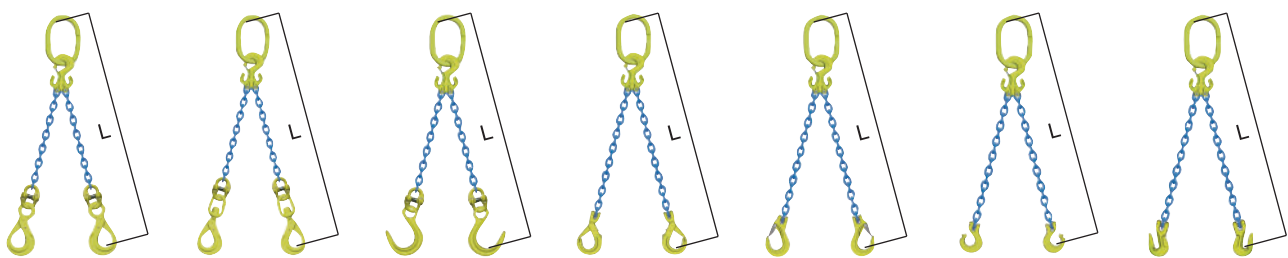


TG1-BK      TG1-BKL      TG1-OKE      TG1-GBK      TG1-EGKNA      TG1-CL (for choke/basket lifts)      TG1-GGA (for choke lifts)


WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code							 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
			TG1-BK	TG1-BKL	TG1-OKE	TG1-GBK	TG1-EGKNA	TG1-CL	TG1-GGA	
1.1	6	Master Link B	60		-	60		-		
		Set Weight	2.2	2.4	-	2.1	2.1	1.9	-	
2.0	8	Master Link B	60					80	60	
		Set Weight	3.8	4.1	3.7	3.6	3.3	3.8	3.3	
3.2	10	Master Link B	80					95	80	
		Set Weight	6.4	6.8	6.3	6.2	5.9	6.6	5.9	
5.2	13	Master Link B	95					110	95	
		Set Weight	12.0	12.7	11.8	11.4	10.7	12.0	10.7	
8.0	16	Master Link B	110					140	110	
		Set Weight	19.9	21.1	19.8	18.4	18.3	20.7	17.6	

### 2-leg Sets

When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



TG2-BK      TG2-BKL      TG2-OKE      TG2-GBK      TG2-EGKNA      TG2-CL (for choke/basket lifts)      TG2-GGA (for choke lifts)

WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code							 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
			TG2-BK	TG2-BKL	TG2-OKE	TG2-GBK	TG2-EGKNA	TG2-CL	TG2-GGA	
60°	6	Master Link B	80		-	80		-		
90°		Set Weight	4.3	4.7	-	4.0	4.0	3.7	-	
3.4	8	Master Link B	95					110	95	
		Set Weight	8.0	8.4	7.8	7.6	7.1	7.2	7.0	
5.5	10	Master Link B	95					110	95	
		Set Weight	12.3	13.0	12.1	11.7	11.1	12.3	11.2	
9.0	13	Master Link B	110					140	110	
		Set Weight	22.2	23.6	22.4	21.1	20.3	22.4	19.7	
13.8	16	Master Link B	140					150	140	
		Set Weight	37.4	39.7	37.2	33.9	33.2	35.9	32.9	

\* In addition to the sizes listed in the table above, we also offer chains with a diameter of up to 32 mm (WLL 32 t).  
 \* When choke lifting with a GGA Grab Hook or a CL Single C-Lock, the working load limits (WLL) are 80% of the values shown in above table.  
 \* Please note that the working load limits change if the lifting angle exceeds 60°.  
 \* When using two or more chain slings to lift unbalanced (asymmetric) load by adjusting the chain length, refer to the WLL values for 1-leg lifting.

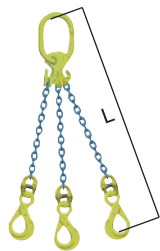


## Sets Including Couplings with Shortening Function

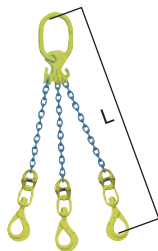
Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

### 3-leg Sets

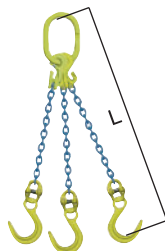
When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



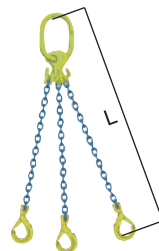
TG3-BK



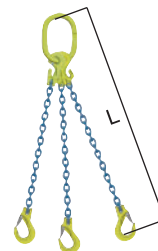
TG3-BKL



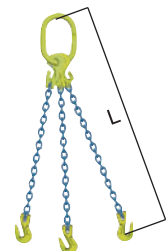
TG3-OKE




TG3-GBK



TG3-EGKNA

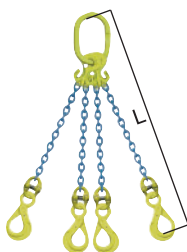


TG3-GGA  
(for choke lifts)

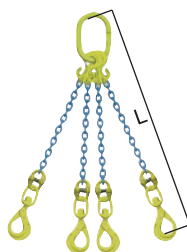
WLL (t)		Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
60°	90°			TG3-BK	TG3-BKL	TG3-OKE	TG3-GBK	TG3-EGKNA	TG3-GGA	
2.8	2.3	6	Master Link B	80						-
			Set Weight	6.2	6.7	-	5.7	5.7	-	
5.1	4.2	8	Master Link B	95						-
			Set Weight	11.3	12.0	11.0	10.7	10.0	9.9	
8.3	6.7	10	Master Link B	110						-
			Set Weight	18.8	19.9	18.5	17.9	17.5	17.2	
13.5	11.0	13	Master Link B	140						-
			Set Weight	34.8	36.9	34.2	33.1	31.0	31.0	
20.7	16.9	16	Master Link B	150						-
			Set Weight	56.6	60.1	54.8	51.3	50.3	49.8	

### 4-leg Sets

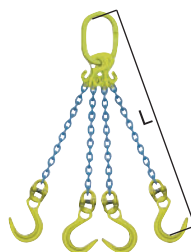
When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



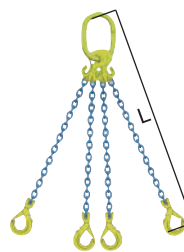
TG4-BK



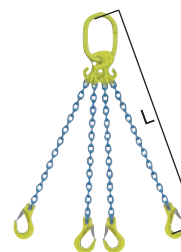
TG4-BKL



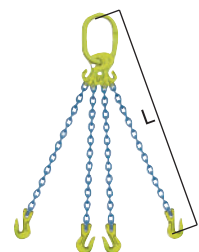
TG4-OKE




TG4-GBK



TG4-EGKNA



TG4-GGA  
(for choke lifts)

WLL (t)		Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
60°	90°			TG4-BK	TG4-BKL	TG4-OKE	TG4-GBK	TG4-EGKNA	TG4-GGA	
2.8	2.3	6	Master Link B	80						-
			Set Weight	7.9	8.6	-	7.3	7.3	-	
5.1	4.2	8	Master Link B	95						-
			Set Weight	14.4	15.3	14.0	13.6	12.7	12.6	
8.3	6.7	10	Master Link B	110						-
			Set Weight	23.8	25.3	23.4	22.7	22.0	21.6	
13.5	11.0	13	Master Link B	140						-
			Set Weight	44.0	46.9	43.2	41.8	39.0	39.0	
20.7	16.9	16	Master Link B	150						-
			Set Weight	71.7	76.4	69.3	64.7	63.3	62.7	

\* In addition to the sizes listed in the table above, we also offer chains with a diameter of up to 32 mm (WLL 32 t).

\* When choke lifting with a GGA Grab Hook, the working load limits (WLL) are 80% of the values shown in above table.

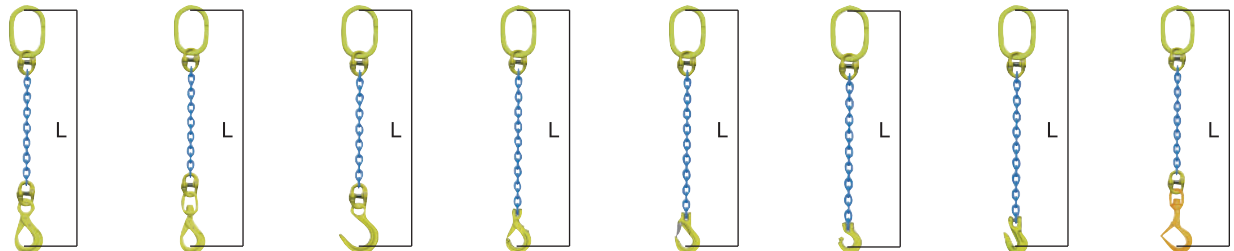
\* Please note that the working load limits change if the lifting angle exceeds 60°.

\* When using two or more chain slings to lift unbalanced (asymmetric) load by adjusting the chain length, refer to the WLL values for 1-leg lifting.


## Sets without Shortening Function

Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

### 1-leg Sets



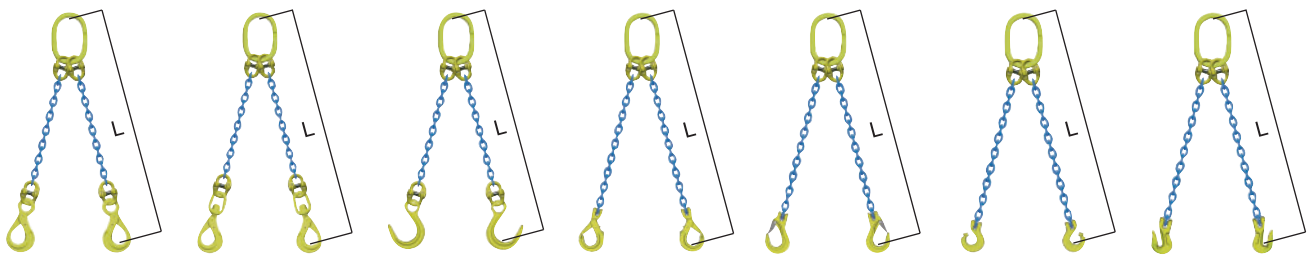
TA1-BK TA1-BKL TA1-OKE TA1-GBK TA1-EGKNA TA1-CL (for choke/basket lifts) TA1-GGA (for choke lifts) TA1-BMS (for steel plates)

WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code								 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
			TA1-BK	TA1-BKL	TA1-OKE	TA1-GBK	TA1-EGKNA	TA1-CL	TA1-GGA	TA1-BMS	
1.1	6	Master Link B	60		-	60		-	-	-	
		Set Weight	2.1	2.2	-	1.9	1.9	1.8	-	-	
2.0	8	Master Link B	60				80		60	-	
		Set Weight	3.3	3.5	3.2	3.1	2.8	3.3	2.8	-	
3.2*	10	Master Link B	80				95		80	80	
		Set Weight	5.4	5.7	5.3	5.1	4.9	5.5	4.8	7.6	
5.2	13	Master Link B	95				110		95	-	
		Set Weight	9.8	10.5	9.6	9.2	8.5	9.8	8.5	-	
8.0	16	Master Link B	110				140		110	-	
		Set Weight	15.5	16.7	15.5	14.0	14.0	16.4	13.3	-	


\* TA1-BMS = 3.0t

### 2-leg Sets

When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



TA2-BK TA2-BKL TA2-OKE TA2-GBK TA2-EGKNA TA2-CL (for choke/basket lifts) TA2-GGA (for choke lifts)

WLL (t)	Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).	
			TA2-BK	TA2-BKL	TA2-OKE	TA2-GBK	TA2-EGKNA	TA2-CL		TA2-GGA
1.9	1.5	6	Master Link B	60		-	60		-	
			Set Weight	3.7	4.0	-	3.4	3.4	3.1	-
3.2	2.8	8	Master Link B	80				80		-
			Set Weight	6.6	7.1	6.4	6.2	5.6	5.8	5.6
5.5	4.5	10	Master Link B	95				95		-
			Set Weight	10.7	11.4	10.5	10.1	9.5	9.6	9.6
9.0	7.3	13	Master Link B	110				110		-
			Set Weight	18.7	20.1	18.9	17.6	16.8	16.8	16.2
13.8	11.3	16	Master Link B	140				140		-
			Set Weight	30.7	33.0	30.5	27.2	26.5	27.6	26.2

\* In addition to the sizes listed in the table above, we also offer chains with a diameter of up to 32 mm (WLL 32 t).

\* When choke lifting with a GGA Grab Hook or a CL Single C-Lock, the working load limits (WLL) are 80% of the values shown in above table.

\* Please note that the working load limits change if the lifting angle exceeds 60°.

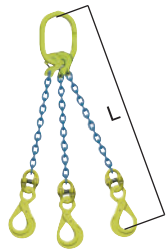


## Sets without Shortening Function

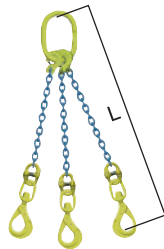
Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

### 3-leg Sets

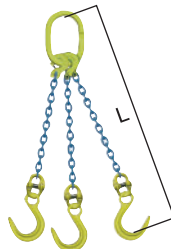
When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



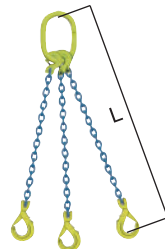
TL3-BK



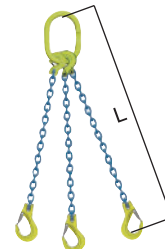
TL3-BKL



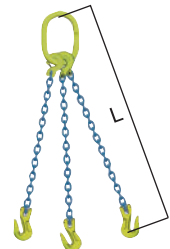
TL3-OKE



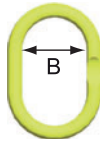
TL3-GBK



TL3-EGKNA

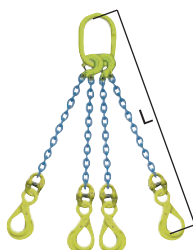


TL3-GGA  
(for choke lifts)

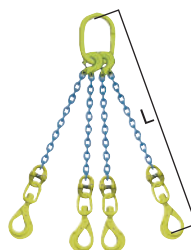
WLL (t)		Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
60°	90°			TL3-BK	TL3-BKL	TL3-OKE	TL3-GBK	TL3-EGKNA	TL3-GGA	
2.8	2.3	6	Master Link B	80						-
			Set Weight	6.0	6.5	-	5.5	5.5	-	
5.1	4.2	8	Master Link B	95						-
			Set Weight	10.5	11.4	10.4	10.1	9.4	9.3	
8.3	6.7	10	Master Link B	110						-
			Set Weight	17.6	18.7	17.3	16.8	16.3	16.0	
13.5	11.0	13	Master Link B	140						-
			Set Weight	32.2	34.3	31.6	30.5	28.4	28.4	
20.7	16.9	16	Master Link B	150						-
			Set Weight	51.2	54.7	49.4	46.7	44.9	44.4	

### 4-leg Sets

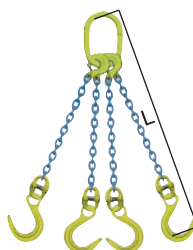
When choke lifting, working load limits (WLL) are 80% of the values shown in below table.



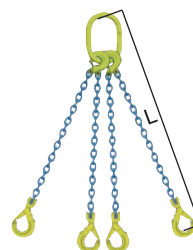
TL4-BK



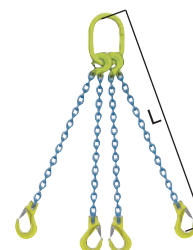
TL4-BKL



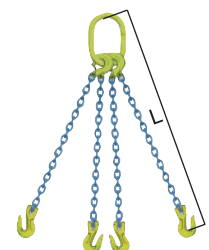
TL4-OKE



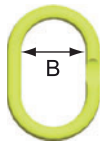
TL4-GBK



TL4-EGKNA



TL4-GGA  
(for choke lifts)

WLL (t)		Chain Diameter (mm)	Width (mm) Weight (kg)	Set Code						 Master Link MFA * For large crane hooks, use master link MFX (B dimension = 180 mm).
60°	90°			TL4-BK	TL4-BKL	TL4-OKE	TL4-GBK	TL4-EGKNA	TL4-GGA	
2.8	2.3	6	Master Link B	80						-
			Set Weight	7.6	8.3	-	7.0	7.0	-	
5.1	4.2	8	Master Link B	95						-
			Set Weight	13.4	14.6	13.3	12.9	12.0	11.8	
8.3	6.7	10	Master Link B	110						-
			Set Weight	22.4	23.8	22.0	21.2	20.6	20.2	
13.5	11.0	13	Master Link B	140						-
			Set Weight	40.6	43.4	39.8	38.4	35.6	35.6	
20.7	16.9	16	Master Link B	150						-
			Set Weight	64.5	69.1	62.1	58.5	56.1	55.4	

\* In addition to the sizes listed in the table above, we also offer chains with a diameter of up to 32 mm (WLL 32 t).

\* When choke lifting with a GGA Grab Hook, the working load limits (WLL) are 80% of the values shown in above table.

\* Please note that the working load limits change if the lifting angle exceeds 60°.

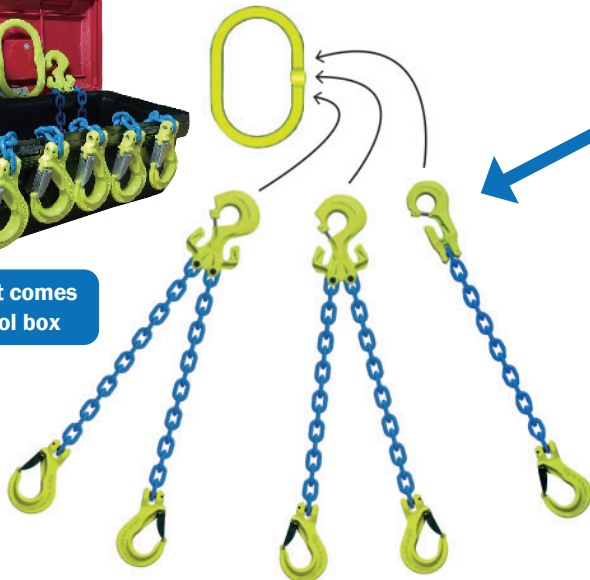
## "Sling Master" and "Sling Expert"

Chain sling sets designed for easy rearrangement of the number of sling legs.  
Standard chain length 2 m / Safety factor 5:1 / Use temperature -40°C to 200°C

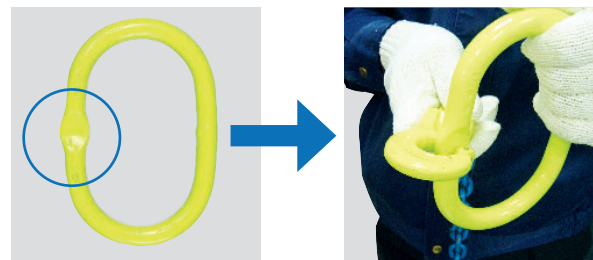
**38% less cost compared to conventional equipment**



Each set comes in a tool box



When using conventional slings, 10 chains are necessary → cost intensive!



Couplings only fit at the flattened section of the master link, guaranteeing safe attachment. No tools necessary.

### Set Advantages

- Easy assembly of a 1-leg, 2-leg, 3-leg or 4-leg sling ("Sling Expert" 2-leg and 4-leg sling)
- The number of chains needed is half that of conventional products, resulting in better cost efficiency.
- Thanks to its chain shortening function suitable for various loads.
- Two hook types available: GBK Griplatch Hook / EGKNA Sling Hook



To lock couplings and prevent chain from falling off, we recommend **QP Quick Pin** (sold separately).

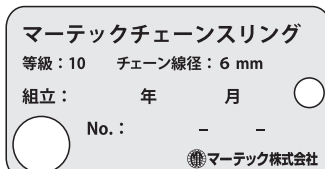
Set Name	Set Code		Chain Diameter (mm)	WLL (t) * max lifting angle 90°				Master Link B Dimension (mm)
	Hook GBK	Hook EGKNA		1 leg	2 legs	3 legs	4 legs	
Sling Master	TT-SB2	TT-SE2	6	1.1	1.5	2.3	2.3	80
Sling Master	TT-MB2	TT-ME2	8	2.0	2.8	4.2	4.2	95
Sling Expert	TM-SB2	TM-SE2	6	-	1.5	-	2.3	80
Sling Expert	TM-MB2	TM-ME2	8	-	2.8	-	4.2	95

### Metal Tag (with RFID)

To each of our chain slings we attach a metal tag that indicates the working load limit (WLL) of the sling and serves as a guide for safe use. When lifting with a chain sling, make sure to use it within the indicated working load limit.

#### Information indicated on tag

- 1) Grade
- 2) Chain diameter
- 3) Assembly date
- 4) Sling number
- 5) WLL depending on lifting method



吊り方	1点吊り				2点吊り				3点吊り				4点吊り			
	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°		
吊り角度	-	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°	60°	90°	
使用荷重 (t)	2.0	3.4	2.8	5.1	4.2	5.1	4.2	5.1	4.2	5.1	4.2	5.1	4.2	5.1	4.2	

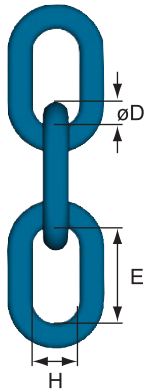
吊り方	1本吊り		2本吊り		1本吊り		2本吊り		
	吊り方	吊り方	吊り方	吊り方	吊り方	吊り方	吊り方	吊り方	
吊り角度	-	60°	90°	60°	90°	60°	90°	60°	90°
使用荷重 (t)	1.6	2.7	2.2	2.7	2.2	2.7	2.2	4.1	3.3

- Other chain sling combinations than the standard sets shown in this catalogue are available.
  - If a standard master link does not fit onto the crane hook, we can provide alternative products.
  - We also offer inspections for our lifting equipment.
- Please contact us for further details.

For videos about high-end lifting products, please check out our YouTube channel.  
[www.youtube.com/@MartecLiftingEquipment](http://www.youtube.com/@MartecLiftingEquipment)



## Chain

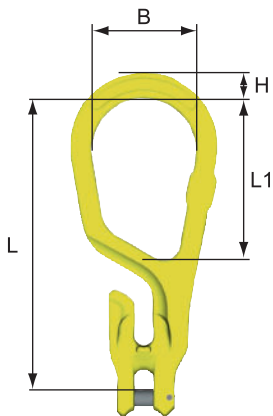


### KLA Chain

We cut the chain length according to your request.

Product Code	WLL (t)	Dimensions (mm)			Weight (kg/m)
		ØD	E	H	
KLA-6-10	1.1	6	18	8.5	0.8
KLA-8-10	2.0	8	24	11	1.4
KLA-10-10	3.2	10	30	14	2.3
KLA-13-10	5.2	13	39	18	3.8
KLA-16-10	8.0	16	48	22	5.6
KLA-20-10	12.8	20	60	27	9.4
KLA-22-10	16.0	22	66	29	11.9
KLA-26-10	21.6	26	78	35	16.4
KLA-32-10	32.0	32	96	42	25.8

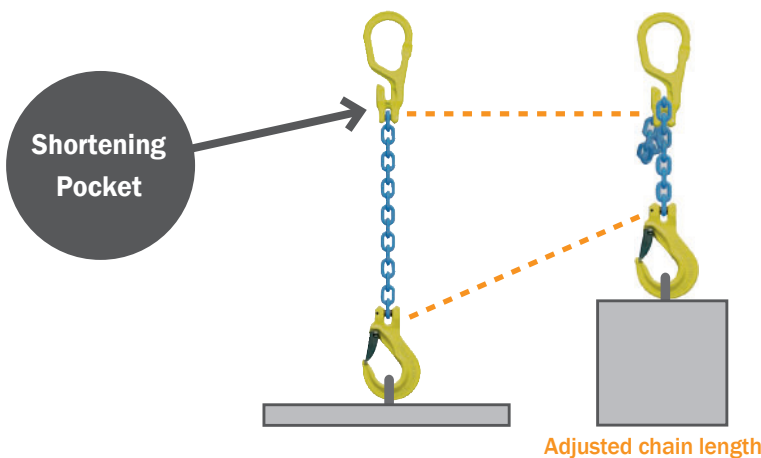
## Master Links



### MG Single Master Link (with shortening)

Master link with an inbuilt shortening function for single-leg lifting. With just this one master link the chain length can be adjusted to the optimum lifting height.

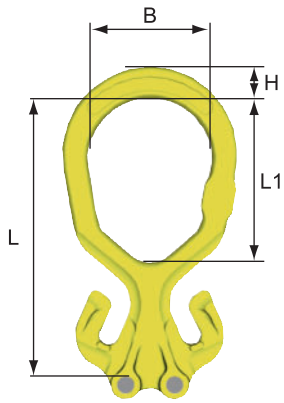
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	L1	B	H	
MG-6-10	1.1	6	145	88	60	15	0.5
MG-8-10	2.0	8	171	92	60	18	0.9
MG-10-10	3.2	10	211	113	75	22	1.8
MG-13-10	5.2	13	261	136	90	26	3.6
MG-16-10	8.0	16	311	157	105	31	6.1



\* Image for illustrative purposes only



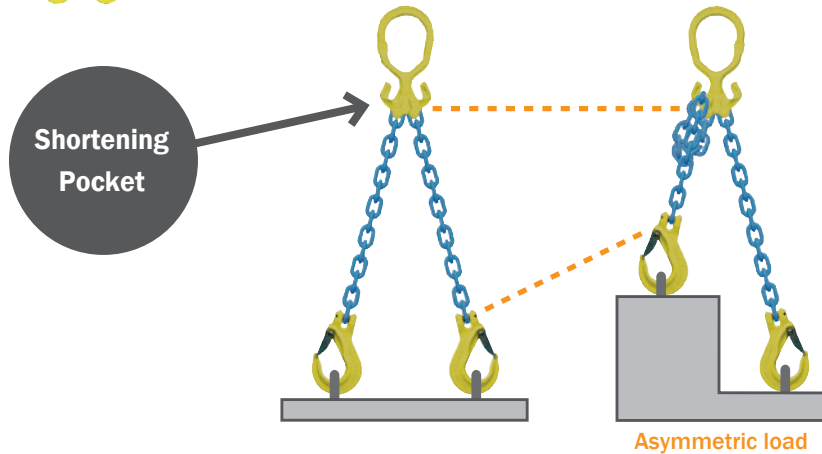
Safety factor 5:1



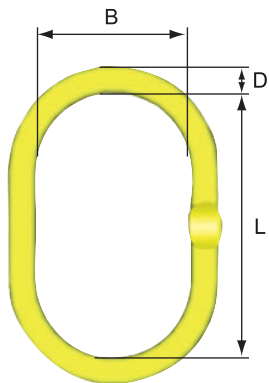
## MGD Single Master Link (with shortening)

Master link with shortening function for double-leg lifting. With this one master link, the length of each chain can be adjusted to the optimum lifting height. (maximum usage angle 90 degrees)

Product Code	WLL (t)		Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
	60°	90°		L	L1	B	H	
MGD-6-10	1.9	1.5	6	144	90	60	17	0.7
MGD-8-10	3.4	2.8	8	171	100	75	21	1.3
MGD-10-10	5.5	4.5	10	211	124	90	24	2.3
MGD-13-10	9.0	7.3	13	262	149	105	31	4.8
MGD-16-10	13.8	11.3	16	309	175	120	35	8.2



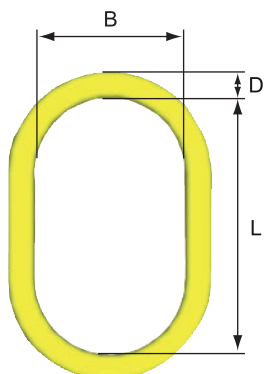
\* Image for illustrative purposes only



## MFA/MF Master Link

Master link for one-leg to four-leg lifting. Use it together with CL Single C-Lock, CLD Double C-Lock, CG Single Grab or CGD Double Grab.

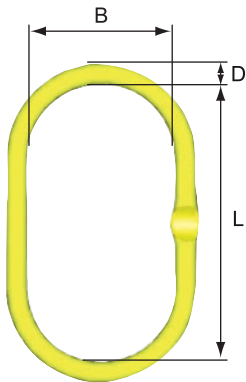
Product Code	WLL (t)	Dimensions (mm)			Weight (kg)
		L	B	D	
MFA-6-10	1.0	100	60	11	0.2
MF-86-10	2.0	120	60	13	0.4
MFA-108-10	3.2	140	80	17	0.8
MFA-1310-10	6.4	160	95	22	1.5
MFA-1613-10	10.0	190	110	28	2.8
MFA-2016-10	16.0	240	140	34	5.2
MFA-2220-10	25.0	250	150	40	7.8



## M Master Link

Master link to lift heavy objects. Connect it to chain with GA Coupling Link or use it for wire slings.

Product Code	WLL (t)	Dimensions (mm)			Weight (kg)
		L	B	D	
M-13-10	5.0	160	90	19	1.1
M-1613-10	10.0	190	110	28	2.8
M-19-10	12.0	200	120	30	3.5
M-2622-10	28.0	250	150	42	8.8
M-32-10	30.0	340	180	45	12.9
M-3226-10	40.0	300	200	50	15.0
M-3632-10	50.0	350	200	55	20.7
M-4536-10	63.0	375	210	60	26.0
M-90T-10	80.0	450	250	70	42.7
M-125T-10	100.0	450	260	80	57.0

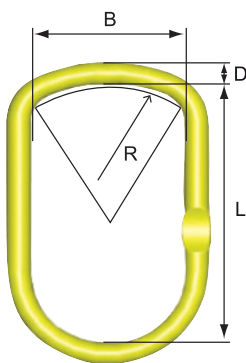


## MFX Master Link (for large crane hooks)

**B dimension 180 mm**

Master link with a larger opening suitable for large cranes for single-leg or double-leg lifting. Use it together with Single C-Lock CL, Double C-Lock CLD, Single Grab CG and Double Grab CGD.

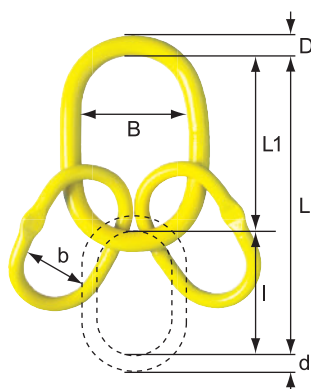
Product Code	WLL (t)	Dimensions (mm)			Weight (kg)
		L	B	D	
MFX-108-10	3.2	340	180	25	3.7
MFX-1310-10	5.2	340	180	28	4.7
MFX-1613-10	8.0	340	180	34	7.1
MFX-2016-10	11.5	340	180	40	9.7



## MFH Master Link (for large crane hooks)

Master link with a larger opening for one-leg to four-leg lifting. The lower part of this "hybrid" is shaped like a regular master link, the upper part is shaped to fit perfectly on a crane hook.

Product Code	WLL (t)	Dimensions (mm)				Weight (kg)
		L	B	D	R	
MFH-1310-10	5.0	230	125	22	118	2.0
MFH-1613-10	10.0	250	135	28	132	3.6
MFH-2016-10	14.0	280	135	32	100	5.2
MFH-2220-10	22.0	320	175	40	120	9.6
MFHW-2220-10	18.0	355	225	40	160	10.9



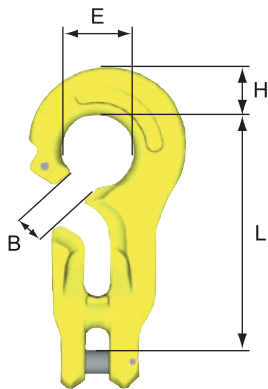
## MT Master Link (with sub links)

Master link with two sub-links for three-leg or four-leg lifting. Connect it to chain with GA Coupling Link or use it for wire slings.

Note: The indicated working load limits include a 60-degree lifting angle reduction factor.

Product Code	WLL (t)	Dimensions (mm)							Weight (kg)
		L	B	ØD	l	b	Ød	L1	
MT-6-10	2.6	280	90	19	120	60	13	160	1.8
MT-8-10	4.2	300	95	22	140	80	17	160	3.0
MT-10-10	8.3	360	120	30	160	95	22	200	6.4
MT-13-10	15.6	440	150	40	190	110	28	250	13.6
MT-16-10	21.0	500	200	50	200	120	32	300	23.3
MT-20-10	26.0	550	200	55	250	150	40	300	34.4
MT-22-10	39.0	610	200	60	260	140	45	350	45.6
MT-26-10	52.0	730	250	70	280	160	50	450	70.6
MT-32-10	72.0	730	260	80	280	160	55	450	91.9

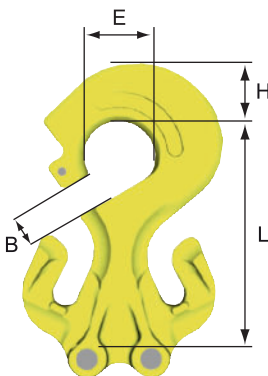
## Couplings



### CG Single Grab (with shortening)

Coupling with integrated shortening for 1-leg chain slings, which can be used as master link connection or for basket lifting. For 2-leg slings please use double grab coupling CGD.

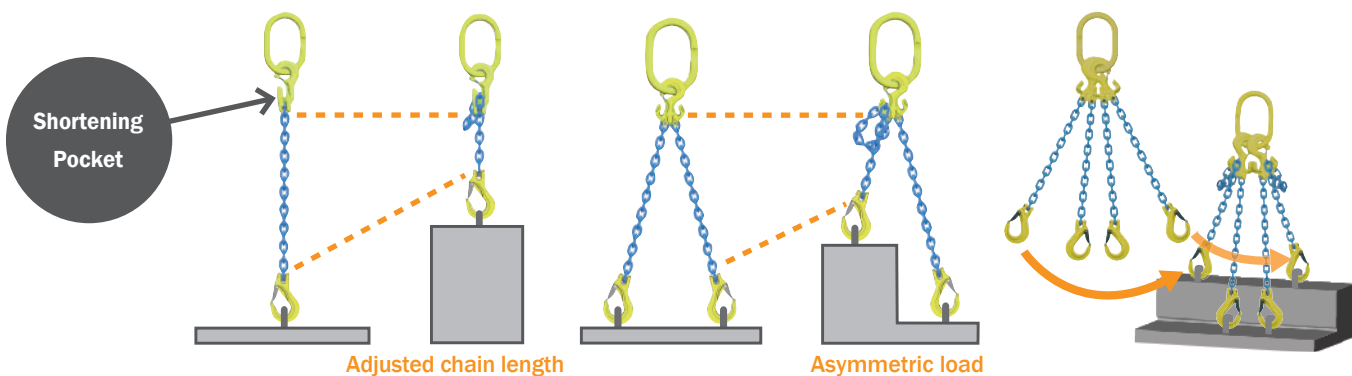
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	E	H	
CG-6-10	1.1	6	80	11	24	19	0.3
CG-8-10	2.0	8	107	12	32	24	0.8
CG-10-10	3.2	10	134	15	40	29	1.5
CG-13-10	5.2	13	172	18	52	38	3.2
CG-16-10	8.0	16	215	22	64	47	6.1



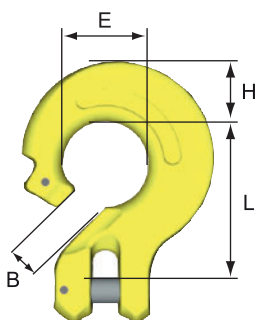
### CGD Double Grab (with shortening)

Coupling with integrated shortening for 2-leg chain slings, which can be used as master link connection or for basket lifting. (maximum usage angle 90 degrees)

Product Code	WLL (t)		Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
	60°	90°		L	B	E	H	
CGD-6-10	1.9	1.5	6	79	11	24	21	0.5
CGD-8-10	3.4	2.8	8	107	12	32	28	1.3
CGD-10-10	5.5	4.5	10	134	15	40	37	2.5
CGD-13-10	9.0	7.3	13	173	18	52	46	5.5
CGD-16-10	13.8	11.3	16	215	22	64	57	10.2



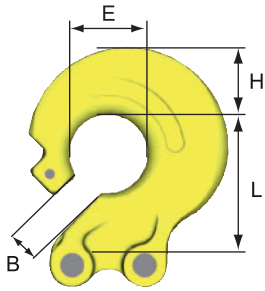
\* Images for illustrative purposes only



### CL Single C-Lock

It can be used as a choke hook, for basket lifting, and as a coupling to connect chain to a master link. Please use CLD to attach two chains. When choke lifting, the working load limits (WLL) are 80% of the values shown in below table.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	E	H	
CL-6-10	1.1	6	43	11	24	18	0.2
CL-8-10	2.0	8	59	12	32	23	0.5
CL-10-10	3.2	10	73	15	40	29	0.9
CL-13-10	5.2	13	95	18	52	37	2.0
CL-16-10	8.0	16	118	22	64	47	3.8



## CLD Double C-Lock

C-lock for two chains. It can be used as a coupling to connect chains to a master link, or for basket lifting. (maximum usage angle 90 degrees)

Product Code	WLL (t)		Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
	60°	90°		L	B	E	H	
CLD-6-10	1.9	1.5	6	43	11	24	21	0.3
CLD-8-10	3.4	2.8	8	57	12	32	28	0.8
CLD-10-10	5.5	4.5	10	71	15	40	36	1.5
CLD-13-10	9.0	7.3	13	94	18	52	46	3.2
CLD-16-10	13.8	11.3	16	115	25	64	56	5.5



CL



CLD



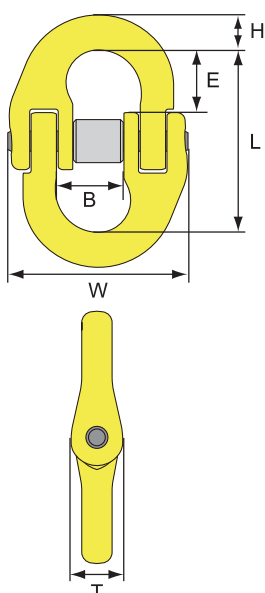
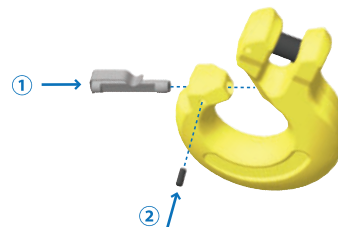
CLD (2 pieces)

## QP Quick Pin

Locking pin for CG, CGD, CL, CLD. The lock can be opened and closed with a single touch. It can prevent chain from falling off during choke lifting.



Product Code
QP-6
QP-8
QP-10
QP-13
QP-16






## GA Coupling Link

Coupling to connect chain to hooks or master links. Pin collar with helical spring, allowing to be attached with just a hammer. The pin stays securely locked even after repeated use.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	H	E	T	W	
GA-6-10	1.1	6	45	15	8	16	13	44	0.1
GA-8-10	2.0	8	56	18	11	20	16	50	0.2
GA-10-10	3.2	10	68	25	13	23	19	67	0.3
GA-13-10	5.2	13	89	30	17	31	25	82	0.7
GA-16-10	8.0	16	106	36	20	38	30	103	1.4
GA-20-10	12.8	20	125	43	26	44	39	123	2.7
GA-22-10	16.0	22	152	50	28	55	45	142	3.6
GA-26-10	21.6	26	161	58	33.5	56	51	166	5.7
GA-32-10	32.0	32	200	70	40	72	56	206	9.5

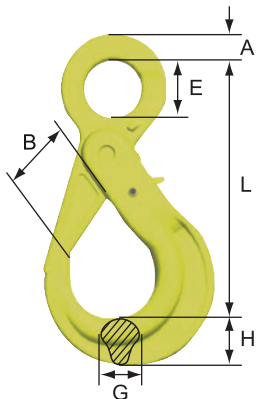


## Table of Connectable Master Links and Couplings

		 MFA						 MFX				 MFH/MFHW			
		86	108	1310	1613	2016	2220	108	1310	1613	2016	1310	1613	2016	2220
		CG	6	●	●										
8	●	●	●				●					●			
10	●	●	●	●			●	●				●	●		
13	●	●	●	●	●		●	●	●			●	●	●	
16	●	●	●	●	●	●	●	●	●	●		●	●	●	●
CGD	6	●	●												
8	●	●	●				●					●			
10	●	●	●	●			●	●				●	●		
13	●	●	●	●	●		●	●	●			●	●		
16	●	●	●	●	●	●	●	●	●	●		●	●	●	●
CL	6	●	●												
8	●	●	●				●					●			
10	●	●	●	●			●	●				●	●		
13	●	●	●	●	●		●	●	●			●	●	●	
16	●	●	●	●	●	●	●	●	●	●		●	●	●	●
CLD	6	●	●												
8	●	●	●				●					●			
10	●	●	●	●			●	●				●	●		
13	●	●	●	●	●		●	●	●			●	●		
16	●	●	●	●	●	●	●	●	●	●		●	●	●	●
GA	6	●													
8	●	●													
10	●	●	●									●			
13	●	●	●	●								●	●		
16	●	●	●	●	●							●	●	●	
20	●	●	●	●	●	●	●	●	●	●		●	●	●	●

\* ● = connectable

## Hooks



### BK Safety Hook

Safety hook with self locking function. Hook does not open, when under load. The latch opens outward, so large wires and belt slings can be attached easily.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	E	A	G	H	
BK-6-10	1.2	6	109	29	22	11.5	15	21	0.5
BK-7/8-10	2.0	8	137	37	28	14	17	25	0.9
BK-10-10	3.2	10	168	45	34	16	21	30	1.5
BK-13-10	5.3	13	207	55	44	20	30	39	3.0
BK-16-10	8.0	16	254	62	56	26	37	48	5.5
BK-18/20-10	10.0	20	289	68	60	30	46	63	9.0
BK-22-10	12.0	22	320	80	70	32	50	62	11.3
BK-26-10	17.0	26	342	100	80	35	54	68	16.4
BK-32-8	20.0	32	400	120	90	40	62	86	23.3

### How load is attached



1) Push down the trigger.



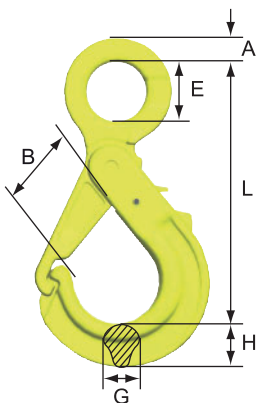
2) Open the latch.



3) Attach the load.



4) Latch closes securely.



### OBK Griplatch Hook

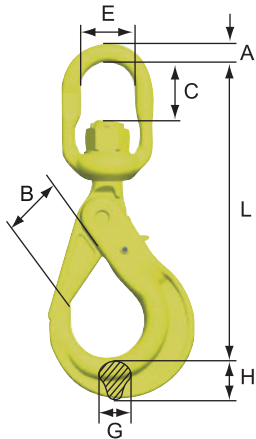
Safety hook with griplatch. Hook and latch interlock to prevent side movement of the latch and increase safety. In case of overloading, the misalignment of hook part and latch is a visible indicator.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	E	A	G	H	
OBK-6-10	1.2	6	103	26	22	11.5	15	17	0.4
OBK-7/8-10	2.0	8	139	37	28	13.5	20	22	0.8
OBK-10-10	3.2	10	170	47	34	15.5	22	29	1.3
OBK-13-10	5.3	13	206	53	44	20.5	28	37	2.6
OBK-16-10	8.0	16	251	68	56	25	29	45	4.4
OBK-18/20-10	10.0	20	294	74	60	28	44	56	8.3
OBK-22-8	12.0	22	335	87	70	30	40	57	10.2



The tip of the hook and the tip of the latch are interlocked and fit exactly.

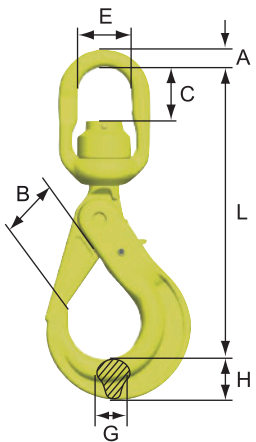
In case of overloading, the hook and latch will no longer be able to interlock properly.



## BKL Swivel Hook

Safety hook with swivel. The thrust washer ensures smooth rotation and removes twists in chain slings and belt slings before the load is applied, preventing damage to the sling. When using with a wire sling that generates a rotational force due to rewinding when load is applied, please use our swivel hook with bearing (BKLK) that ensures smooth rotation even when under load.

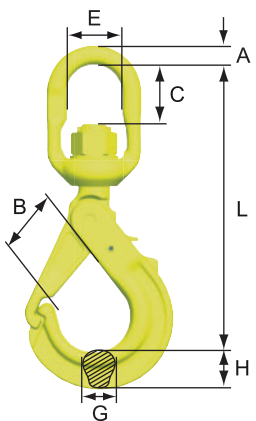
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
BKL-6-10	1.2	6	149	29	22.5	33	11	15	21	0.7
BKL-7/8-10	2.0	8	183	37	27	38	12	17	25	1.2
BKL-10-10	3.2	10	218	45	37	44	15	21	30	2.0
BKL-13-10	5.3	13	281	55	47	47	19	30	39	4.0
BKL-16-10	8.0	16	341	62	65	62	23	37	48	7.2
BKL-18/20-10	10.0	20	368	68	69	72	31	46	63	11.2



## BKLK Bearing Swivel Hook

Safety hook with ball bearing swivel, allowing for smooth rotation even under load, expanding the range of possible applications.

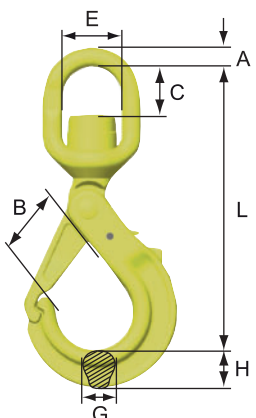
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
BKLK-6-10	1.2	6	149	29	23	33	11	15	21	0.7
BKLK-7/8-10	2.0	8	183	37	27	38	12	17	25	1.2
BKLK-10-10	3.2	10	218	45	35	44	15	21	30	2.0
BKLK-13-10	5.3	13	280	55	45	48	19	30	39	4.0
BKLK-16-10	8.0	16	339	62	61	61	23	37	48	7.2
BKLK-18/20-10	10.0	20	367	68	60	72	31	46	63	11.3
BKLK-22-10	12.0	22	436	79	80	80	35	50	62	16.8
BKLK-26-10	17.0	26	486	100	110	102	45	54	68	26.4



## LBK Griplatch Swivel Hook

Safety hook with swivel and griplatch. Hook and latch interlock to prevent side movement of the latch and increase safety. In case of overloading, the misalignment of hook part and latch is a visible indicator. When using with a wire sling that generates a rotational force due to rewinding when load is applied, please use our griplatch swivel hook with bearing (LKBK) that ensures smooth rotation even when under load.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
LBK-7/8-10	2.0	8	178	37	27	38	12	20	22	1.1
LBK-10-10	3.2	10	214	47	36	44	15	22	29	1.8
LBK-13-10	5.2	13	265	54	47	48	19	29	35	3.8
LBK-16-10	8.0	16	324	68	66	61	25	29	45	6.1

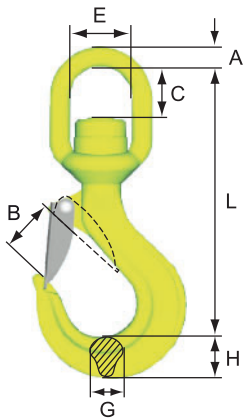


## LKBK Bearing Griplatch Swivel Hook

Safety hook with griplatch and ball bearing swivel. In case of overloading, the misalignment of hook part and latch is a visible indicator. As it rotates smoothly even under load, it is suitable for a wide range of applications.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
LKBK-7/8-10	2.0	8	179	37	27	38	12	20	22	1.2
LKBK-10-10	3.2	10	214	47	35	44	15	22	29	1.8
LKBK-13-10	5.2	13	264	54	46	48	19	29	35	3.8
LKBK-16-10	8.0	16	319	68	61	61	25	29	45	6.0

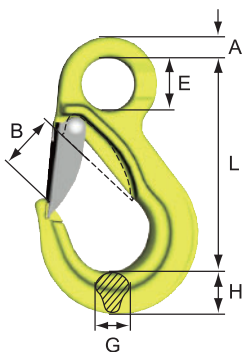




## LKNK Bearing Swivel Hook

Hook with ball bearing swivel, allowing for smooth rotation even under load. Suitable for a wide range of applications.

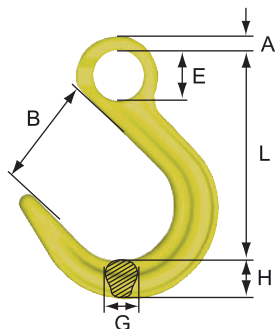
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)							Weight (kg)
			L	B	C	E	A	G	H	
LKNK-7/8-10	2.0	8	154	28	28	38	12	18	23	0.9
LKNK-10-10	3.2	10	191	35	35	44	15	23	30	1.6
LKNK-13-10	5.3	13	236	40	45	48	19	28	38	3.2
LKNK-16-10	8.0	16	293	53	62	61	25	34	43	5.5



## EKN Sling Hook

Sling hook with robust latch (thickness 3 mm to 5mm) and wide opening. Wide range of sizes available – for working load limits from 1.2 ton to 32 ton.

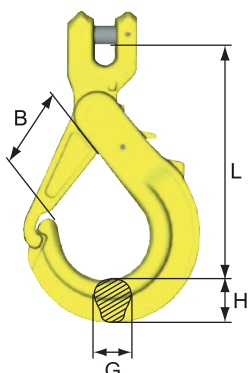
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	E	A	G	H	
EKN-6-10	1.2	6	93	25	22.5	10.5	17	20	0.4
EKN-7/8-10	2.0	8	109	26	28	13	17	23	0.6
EKN-10-10	3.2	10	134	36	34	15	23	30	1.0
EKN-13-10	5.3	13	166	42	44	19	28	38	2.1
EKN-16-10	8.0	16	203	52	56	25.5	36	47	4.0
EKN-18/20-10	10.0	20	229	61	61	26	42	59	6.4
EKN-22-10	16.0	22	267	73	64	32	43	67	8.9
EKN-26-10	22.0	26	301	82	66	32	51	75	13.1
EKN-32-10	32.0	32	353	96	90	47	61	98	25.2



## OKE Foundry Hook

Hook with extra wide opening. Slings with big diameter can be attached easily.

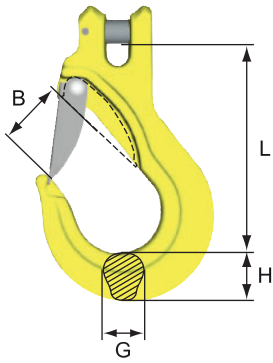
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	E	A	G	H	
OKE-7/8-10	2.0	8	124	63	28	11	21	26	0.8
OKE-10-10	3.2	10	151	76	34	14	26	29	1.4
OKE-13-10	5.3	13	184	90	44	18	33	39	2.8
OKE-16-10	8.0	16	218	102	56	22	40	46	4.9
OKE-18/20-10	10.0	20	247	114	60	29	46	60	7.1
OKE-22-10	16.0	22	275	120	64	32	60	70	11.3
OKE-26-10	21.6	26	300	113	70	35	64	77	16.0
OKE-32-8	25.0	32	384	145	80	48	77	93	35.0



## GBK Griplatch Hook

Clevis type safety hook with griplatch. Hook and latch interlock to prevent side movement of the latch and increase safety. In case of overloading, the misalignment of hook part and latch is a visible indicator.

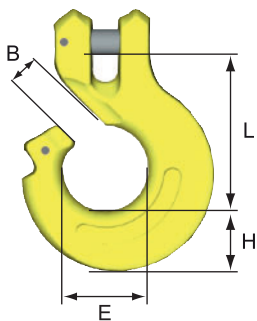
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
GBK-6-10	1.1	6	87	26	15	17	0.4
GBK-8-10	2.0	8	119	37	20	22	0.8
GBK-10-10	3.2	10	149	47	22	29	1.3
GBK-13-10	5.2	13	172	53	29	38	2.7
GBK-16-10	8.0	16	208	68	30	45	4.4



## EGKNA Sling Hook

Clevis type sling hook with wide opening and latch. It can be connected to a KLA chain directly.

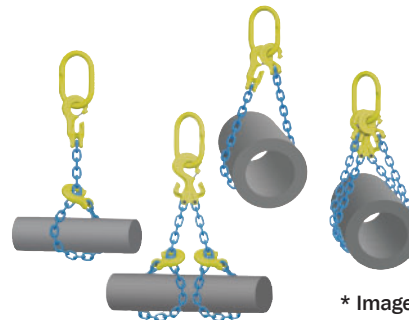
Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
EGKNA-6-10	1.1	6	86	24.5	17	20	0.4
EGKNA-8-10	2.0	8	95	28	17	23	0.5
EGKNA-10-10	3.2	10	121	35	23	30	1.0
EGKNA-13-10	5.2	13	145	42	28	38	2.0
EGKNA-16-10	8.0	16	170	52	36	46	3.8
EGKNA-20-10	12.8	20	209	61	42	59	7.6



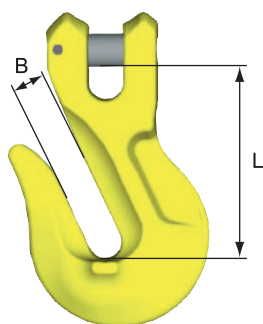
## CL Single C-Lock

It can be used as a choke hook, for basket lifting, and as a coupling to connect chain to a master link. Please use CLD to attach two chains. When choke lifting, working load limits (WLL) are 80% of the values in below table.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	E	H	
CL-6-10	1.1	6	43	11	24	18	0.2
CL-8-10	2.0	8	59	12	32	23	0.5
CL-10-10	3.2	10	73	15	40	29	0.9
CL-13-10	5.2	13	95	18	52	37	2.0
CL-16-10	8.0	16	118	22	64	47	3.8



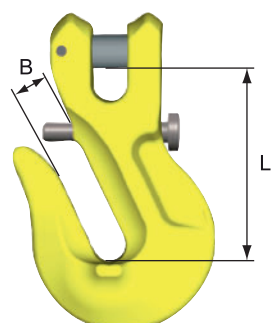
\* Image for illustrative purposes only



## GGA Grab Hook

Clevis type grab hook for chain shortening and basket lifting. When hooking the GGA into a chain, the working load limits (WLL) are 80% of the values shown in below table.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)		Weight (kg)
			L	B	
GGA-6-10	1.1	6	54	8	0.2
GGA-8-10	2.0	8	56	10.5	0.4
GGA-10-10	3.2	10	76	12	0.9
GGA-13-10	5.2	13	97	16	1.7
GGA-16-10	8.0	16	113	20	3.1
GGA-20-10	12.8	20	147	26	7.0



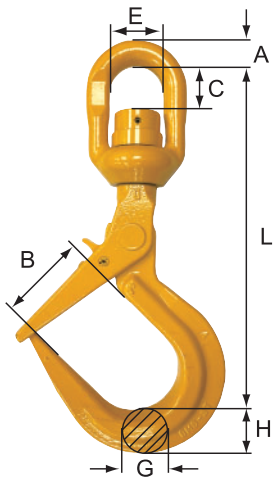
## GGAL Grab Hook with Pin

Grab hook with locking pin, preventing chain from falling off. Used for chain shortening and basket lifting. When hooking the GGAL into a chain, the working load limits (WLL) are 80% of the values shown in below table.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)		Weight (kg)
			L	B	
GGAL-8-10	2.0	8	56	10.5	0.4
GGAL-10-10	3.2	10	76	12	0.9
GGAL-13-10	5.2	13	97	16	1.9
GGAL-16-10	8.0	16	113	20	3.2

Safety factor 5:1

## BMS Big Mouth Swivel Hook (for lifting iron plates)



Product Code	WLL (t)	Dimensions (mm)							Weight (kg)
		L	B	E	C	A	G	H	
BMS-3	3.0	302	75	46	39	20	30	32	4.2

### Advantage 1: Built-in bearing that greatly improves safety and workability!

- The rotation function prevents twisting of wires or chains and puts no strain on the sling.
- It prevents the iron plate from rotating when lifting, contributing to work safety.
- Smooth rotation is possible even while the iron plate is lifted, making positioning work easier.

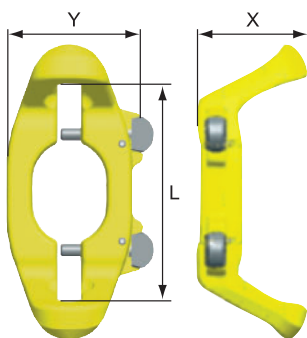
### Advantage 2: Design and functionality that make lifting work easy!

- Large hook opening and a thin tip, making it easy to attach it to holes in the iron plate.
- Reinforced latch spring which keeps the latch open while attaching load.



\* When lifting, always make sure the latch is locked.

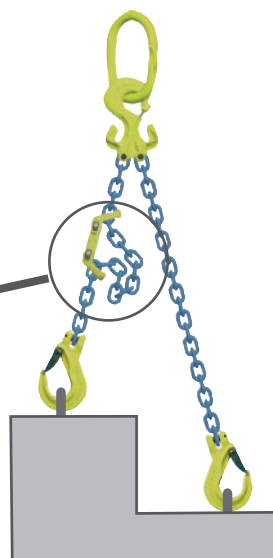
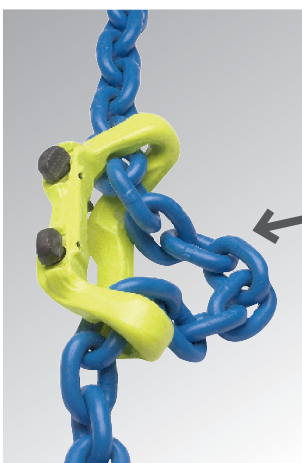
## Other Accessories



## MIG Midgrab Chain Shortener

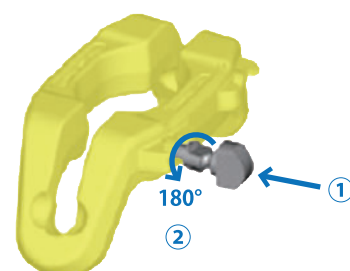
Allows adjusting of the length on any part of the chain.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)			Weight (kg)
			L	X	Y	
MIG-8-10	2.0	8	90.5	53	66	0.7
MIG-10-10	3.2	10	113	62	78	1.1
MIG-13-10	5.2	13	147	88	100	2.6

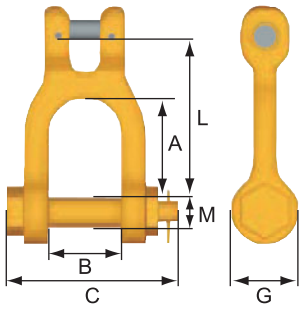


## MIG-C Locking Set

Spring lock for chain adjusted with MIG.



Safety factor 5:1

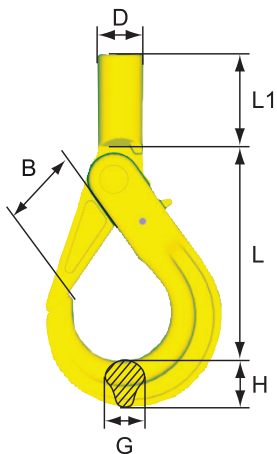


## GSA Clevis Shackle

Fitting with a shackle that allows connecting the end of a chain to another lifting component. Ideal for connecting clamps and other lifting products.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			A	B	C	G	L	M	
GSA-7/8-8	1.6	8	36	32	79	34	60	16	0.5
GSA-10-8	2.5	10	48	34	93	40	80	20	0.9
GSA-13-8	4.2	13	65	50	118	44	98	22	1.7
GSA-16-8	6.4	16	70	60	141	54	114	27	3.0

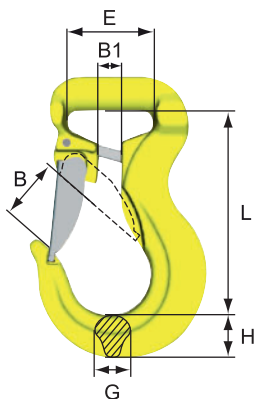
## Special Purpose Hooks



## BKT Shank Safety Hook

This hook can be directly connected to an overhead crane or chain hoist. The shank section (L1) will be machined to fit the hoist currently in use. We also offer machining services.

Product Code	WLL (t)	Dimensions (mm)						Weight (kg)
		L	B	L1	D	G	H	
BKT-6-10	1.2	89	29	39	20	15	21	0.5
BKT-7/8-10	2.0	111	37	47	24	17	25	0.9
BKT-10-10	3.2	133	45	51	29	21	30	1.6
BKT-13-10	5.3	170	55	65	34	30	39	3.2



## RH Polyester Sling Hook

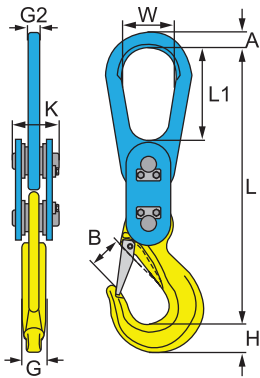
Sling hook that can be easily attached to soft slings. When choke lifting, there is no need to remove the soft sling from the crane and thread it through, allowing to work with just one touch.

Product Code	WLL (t)	Dimensions (mm)						Weight (kg)
		L	B	B1	E	G	H	
RH-1-10	0.8	84	24	8	35	17	19	0.4
RH-2-10	1.6	96	28	11	40	17	22	0.7
RH-3-10	2.4	117	33	12	47	24	30	1.4





Safety factor 5:1

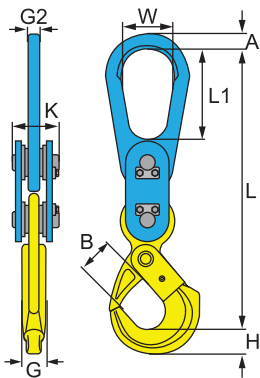


## MI Insulated Hook

**Resistance: 1000 V (without radio interference prevention function)**

The built-in insulation allows safe positioning welding while the workpiece is suspended, preventing crane wire breakages and motor burnouts. Equipped with a high-quality sling hook made in Sweden.

Product Code	WLL (t)	Dimensions (mm)									Weight (kg)
		W	A	L1	L	B	H	G2	G	K	
MI-3	3.0	80	22	150	428	42	38	19	28	86	6.8
MI-5	5.0	96	30	170	506	52	47	22	36	100	12.3
MI-10	10.0	110	40	200	664	73	67	28	43	130	28.5
MI-15	15.0	150	42	250	748	82	75	32	51	130	37.1

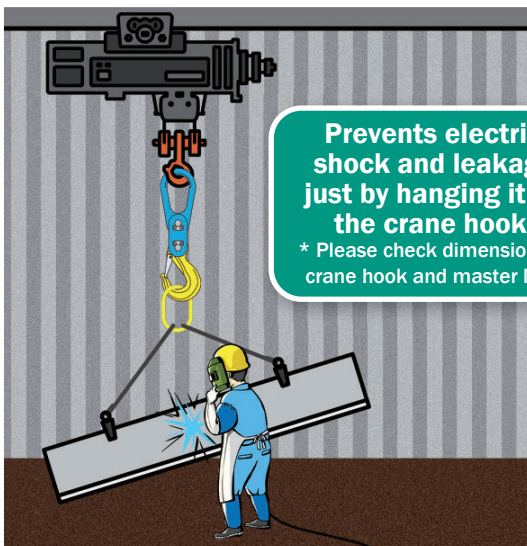


## MI-B Insulated Hook

**Resistance: 1000 V (without radio interference prevention function)**

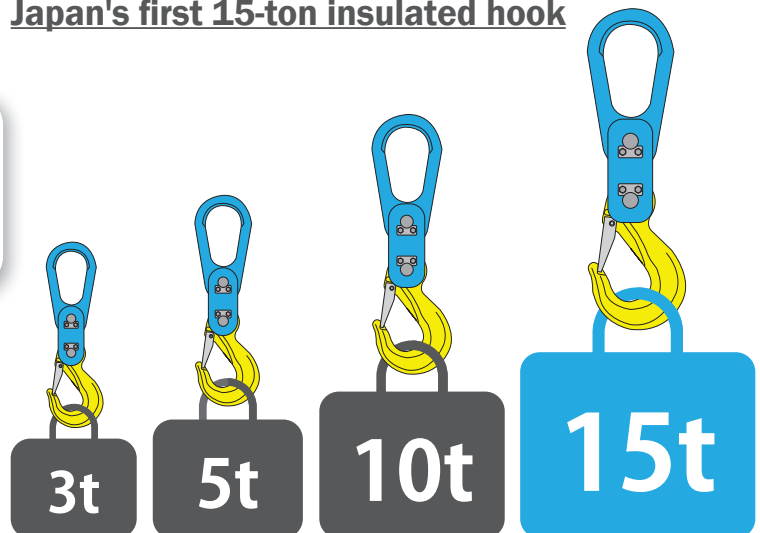
The built-in insulation allows safe positioning welding while the workpiece is suspended, preventing crane wire breakages and motor burnouts. Equipped with a high-quality safety hook made in Sweden.

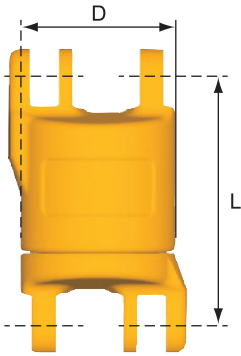
Product Code	WLL (t)	Dimensions (mm)									Weight (kg)
		W	A	L1	L	B	H	G2	G	K	
MI-3B	3.0	80	22	150	469	55	39	19	30	86	7.8
MI-5B	5.0	96	30	170	557	62	48	22	37	100	14.0
MI-10B	10.0	110	40	200	712	80	62	28	50	130	31.4
MI-15B	15.0	150	42	250	779	100	68	32	54	130	41.4



**Prevents electric shock and leakage just by hanging it on the crane hook!**  
\* Please check dimensions of crane hook and master link.

## Japan's first 15-ton insulated hook





Swivel + Insulation

### SKLI Insulated Swivel

**Resistance: 1000 V (without radio interference prevention function)**

Roller bearing swivel with SK connection, achieves smooth rotation even under load, allowing safe lifting operation. Thanks to its special structure the SKLI is lightweight and compact. It has a built-in insulation section made of special resin, reducing the possibility of insulation failures when using the SKLI over a long period of time.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)		Weight (kg)
			L	D	
SKLI-7/8-8	1.6	8	76	48	0.7
SKLI-10-8	2.5	10	97	59	1.3
SKLI-13-8	4.2	13	120	75	2.8
SKLI-16-8	6.4	16	137	90	4.6
SKLI-18/20-8	10.0	20	159	104	7.3

\* Use temperature: -30°C to 80°C \*\* SKA locking set sold separately.

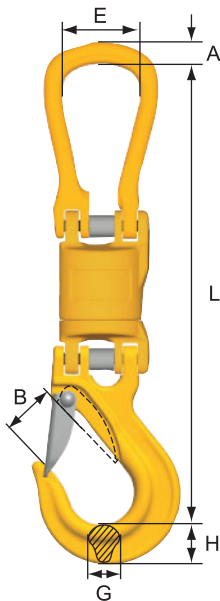
### Insulated Swivel Assembly

**1000 V resistance, so welding can be done safely while the workpiece is suspended.**

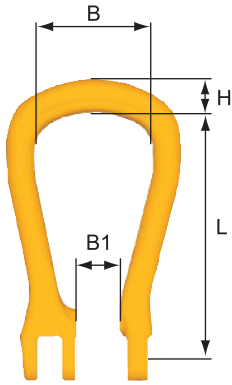
If welding is performed while the workpiece is suspended by an overhead crane or electric chain block, electric current may reach the crane through the wire or chain, which may lead to serious accidents such as wire breakage due to heat, deterioration of the chain, and motor burnout. An assembly of SK system components including the SKLI swivel prevents such accidents.

#### Assembly Example

Type: O-LI-N



Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)						Weight (kg)
			L	B	E	A	G	H	
O-LI-N-7/8-8	1.6	8	265	27	50	14.5	18	21	1.5
O-LI-N-10-8	2.5	10	339	34	66	19	23	29	2.8
O-LI-N-13-8	4.2	13	410	42	72	22	28	36	5.8
O-LI-N-16-8	6.4	16	490	53	82	25	34	43	10.0
O-LI-N-18/20-8	10.0	20	560	59	105	35.5	41	51	15.5

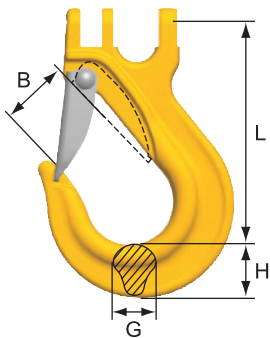


### SKO Open Link

This link can be used with any type of sling, including chains, wire slings, belt slings, etc.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	H	B1	
SKO-7/8-8	1.6	8	99	50	14.5	15	0.3
SKO-10-8	2.5	10	127	66	19	20	0.6
SKO-13-8	4.2	13	145	72	22	25	1.0
SKO-16-8	6.4	16	175	82	25	30	1.6
SKO-18/20-8	10.0	20	204	105	35.5	36	2.6

\* SKA locking set sold separately.

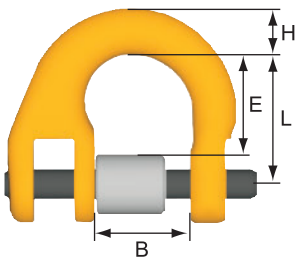


### SKN/ESKN Sling Hook

Sling hook with latch and wide opening. Suitable for a wide range of loads.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	G	H	
SKN-7/8-8	1.6	8	90	27	18	21	0.4
SKN-10-8	2.5	10	115	34	23	29	0.8
ESKN-13-8	4.2	13	145	42	28	36	1.8
ESKN-16-8	6.4	16	178	53	34	43	3.5
ESKN-18/20-8	10.0	20	197	59	41	51	5.0

\* SKA locking set sold separately.



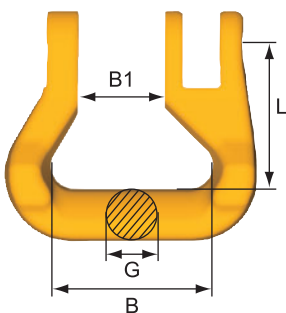
### SKT Half Link Set

Used to connect chains or wires to SK system components.

Pin collar with helical spring, allowing for repeated attachment and detachment.

Product Code	WLL (t)	Chain Diameter (mm)	Dimensions (mm)				Weight (kg)
			L	B	E	H	
SKT-7/8-8	1.6	8	28	18	22	11	0.1
SKT-10-8	2.5	10	34	25	26	13	0.2
SKT-13-8	4.2	13	44	29	33	16.5	0.4
SKT-16-8	6.4	16	52	36	40	20	0.7
SKT-18/20-8	10.0	20	63	43	48	23	1.1

\* SKA locking set included.



### SKR Polyester Sling Coupling

Coupling for polyester slings like round slings.

Product Code	WLL (t)	Dimensions (mm)				Weight (kg)
		L	B	B1	G	
SKR-7/8-8	1.6	35	40	18	24	0.2
SKR-10-8	2.5	42	47	25	29	0.4
SKR-13-8	4.2	49	53	29	35	0.7
SKR-16-8	6.4	62	67	35	43	1.2
SKR-18/20-8	10.0	71	80	43	52	1.9

\* SKA locking set sold separately.

## CLS Clevis Pin Set

Pin for connecting chain to accessories



Size	d (mm)
CLS-6	8.0
CLS-8	10.4
CLS-10	13.0
CLS-13	17.0
CLS-16	20.8
CLS-20	25.0

## BK Trigger Set

For BK, BKL, BKLK, BKG, BKT



Size:  
BK-6  
BK-7/8  
BK-10  
BK-13  
BK-16  
BK-18/20  
BK-22  
BK-26

Long trigger sets also available. Please contact us.

## EKN Spare Latch Set

For EKN, LKNK, EGKNA, ESKN



Size:  
EKN-6  
EKN-7/8  
EKN-10  
EKN-13  
EKN-16  
EKN-18/20  
EKN-22  
EKN-26  
EKN-32

\* EKN-22 to EKN-32 are bolt-type pins

## SKAA Locking Set

For GA



Size	d (mm)
SKAA-6	4.8
SKAA-8	6.2
SKAA-10	8.0
SKAA-13	10.0
SKAA-16	12.3
SKAA-20	15.2
SKAA-22	18.0
SKAA-26	21.0
SKAA-32	25.0

## BK Long Trigger Set

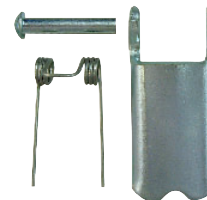
For BK



Size:  
BK-32

## SKN Spare Latch Set

For SKN



Size:  
SKN-7/8  
SKN-10

## SKA Locking Set

For G, SK System



Size	d (mm)
SKA-7/8	6.2
SKA-10	8.0
SKA-13	10.0
SKA-16	12.3
SKA-18/20	15.0
SKA-22	17.0
SKA-26	20.0
SKA-32	24.0

## OBK Trigger Set

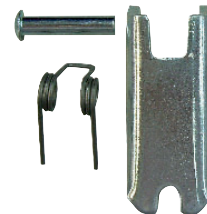
For OBK, LBK, LKBK, GBK



Size:  
OBK-6  
OBK-7/8  
OBK-10  
OBK-13  
OBK-16  
OBK-18/20  
OBK-22

## RH Spare Latch Set

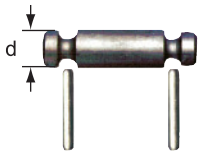
For RH



Size:  
RH-1  
RH-2  
RH-3

## BLA Spare Pin Set

For GKL, GSA



Size	d (mm)
BLA-6	7.5
BLA-7/8	9.5
BLA-10	11.8
BLA-13	15.7
BLA-16	19.4

## BMS Trigger Set

For BMS



Size:  
BMS-3

## MIG-C Locking Set

For MIG



Size:  
MIG-C-8  
MIG-C-10  
MIG-C-13

## CS/CP Retaining Pin Set

For CG, CGD, CL, CLD, RH



Size:  
CS/CP-6  
CS/CP-8  
CS/CP-10  
CS/CP-13  
CS/CP-16

For information on how to replace spare triggers, latches, and other parts, please refer to the instructions and videos posted on our website.

<https://www.martec.co.jp/mt/technical-data.html>





## 1. Lifting Work

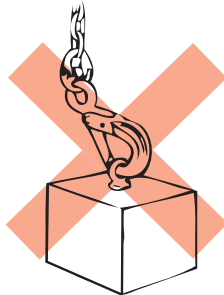
Lifting shall be performed by a qualified person in accordance with Articles 221 and 222 of the Japanese Crane Safety Regulations or corresponding safety regulations in your country.

### **Incorrect use**

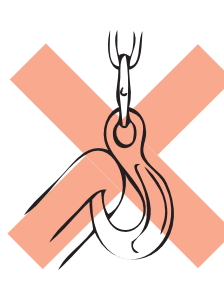
Do not do any of the following under any circumstances as it may lead to a serious accidents.



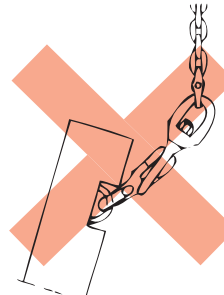
Using twisted or tangled chain



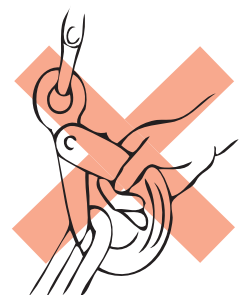
Lifting with the tip of the hook



Lifting with the tip of the hook



Lifting while load hits the hook



Putting your fingers inside the hook while lifting

## 2. Use Temperature Range of Chain Slings

Within -40°C to 200°C chain slings can be used within the working load limit range.

**Chain slings cannot be used in ambient temperatures above 200°C.**

## 3. Use in Acidic Atmospheres

Avoid using chain slings and metal fittings in acidic atmospheres.

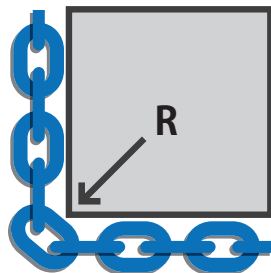
## 4. Plating of Chains and Accessories

Never plate chains and accessories after purchase, as this may reduce their performance.

Please contact us for anti-rust treatment.

## 5. Basket and Choke Lifting

If the load angle is sharp, the chain strength will decrease. Use corner pads or other pads to ensure that the radius  $R$  of the load is at least twice the chain diameter.



## Inspection Standard for KLA Chains and Lifting Accessories

For details, please refer to the separate inspection standards issued by our company.

Lifting equipment must be inspected to keep it safe for use. The service limit of lifting equipment varies depending on the frequency of use, the lifting method, the weight of the load carried per lift, the shape of the load, etc. The more the equipment is used, the sooner it is damaged and its strength decreases. Therefore, in addition to daily inspections, it must be inspected periodically according to the actual work. Defective items must be replaced or repaired to prevent accidents.

The Crane Safety Regulations in Japan state that "When performing lifting work with a crane, mobile crane, or derrick, the lifting equipment to be used must be inspected for abnormalities before starting work that day. If an abnormality is found during inspection, it must be repaired immediately." If an item is found to be prohibited from use as a result of inspection, it must be removed from service and disposed of so that it will not be used again. It is necessary to establish inspection standards for lifting equipment, and when carrying out inspections on a regular basis, to define compliance signs for the inspection results – wrap colored vinyl tape around the equipment, attach stickers, and also to manage the history using record cards.

Please contact us for further information.

### Component Inspection Rules (Examples)

Component	Check	Method	Disposal Criteria
<b>Chain KLA</b> 	Wear	Caliper Measuring	10% or more of original dimension of chain diameter D
	Elongation	Caliper	5% or more of original dimension L of 5 links
	Deformation	Visual Check	Bends, twists
	Corrosion	Visual Check	Severe corrosion
	Cracks	Visual Check	Any kind of crack
	* When using chain for wrap lifting (choke, basket), carefully inspect the parts that come into contact with the load.		

Component	Check	Method	Disposal Criteria
<b>Master Link MGD</b> 	Wear	Caliper	H: 5% or more e': 5% or more d': 3% or more
	Elongation	Caliper Measuring	L1: 5% or more
	Deformation	Caliper Measuring	C, C': 5% or more
		Visual Check	Bends, twists
	Visual Check	Bends, abrasion of pin	
	Corrosion	Visual Check	Severe corrosion
Cracks	Visual Check	Any kind of crack	

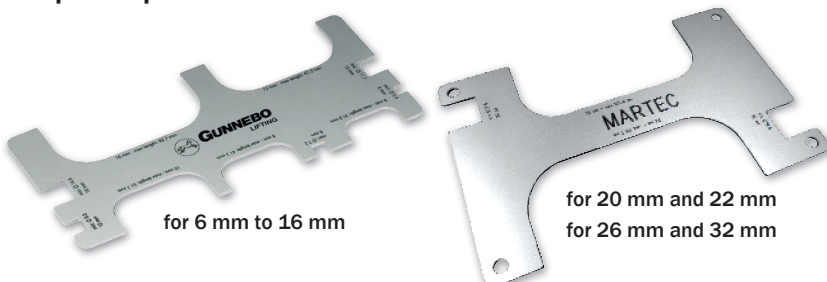
Component	Check	Method	Disposal Criteria
<b>Coupling GA</b> 	Wear	Caliper Measuring	H, H': 5% or more d: 5% or more e: 5% or more
	Deformation	Visual Check	Elongation, twists, other deformations
	Moveability	Visual Check	Collar does not rotate, poor up and down link movement, severe corrosion
	Cracks	Visual Check	Any kind of crack

Component	Check	Method	Disposal Criteria
<b>Sling Hook EGKNA</b> 	Wear	Caliper Measuring	d: 3% or more e: 5% or more H: 5% or more
	Deformation	Caliper Measuring	B: 5% or more
		Visual Check	Bends, twists of hook
	Visual Check	Bends, twists of pin	
	Corrosion	Visual Check	Severe corrosion
Cracks	Visual Check	Any kind of crack	

\* If the latch stands straight up, discard it.

Please contact us for inspection and disposal standards.

For chain inspection, inspection gauges are available as optional products.



Elongation check

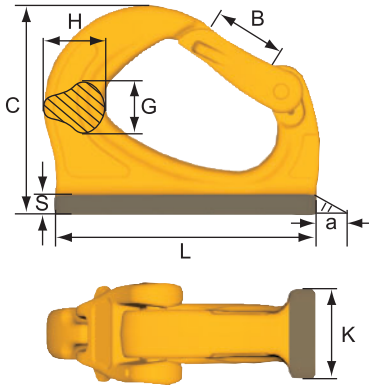


Wear check

## UKN Bucket Hook

This product holds the No. 1 market share for hydraulic excavator bucket hooks in Japan. The UKN is robust and easy to use, with proven reliability through a long track record.

- It has a latch with lugs that makes it easy to attach and release load.
- Even if a load is placed on the latch, the UKN withstands the working load limit (WLL).
- All products are strength tested (3 times the WLL) before shipping from the factory.



Product Code	Applicable Bucket Capacity (m <sup>3</sup> )	WLL (t)	Dimensions (mm)								Weight (kg)
			a	B	C	G	H	K	L	S	
UKN-0.75	- 0.07	0.75	4	18	56	13	20	19	81.5	6	0.3
UKN-1	0.07 - 0.2	1.0	5	20	72	17	25	25	95	6	0.6
UKN-2	0.2 - 0.25	2.0	7	25	86	20	30	30	114	8	0.9
UKN-3	0.25 - 0.3	3.0	8	30	105	24	31.5	35	132	10	1.5
UKN-4	0.3 - 0.5	4.0	10	30	113	29	38	42	140	11	2.0
UKN-5	0.5 - 0.6	5.5	11	34	131	30	47	45	165	12	2.8
UKN-8	0.6 - 0.8	8.0	12	34	133	40	51	50	172	13	3.5
UKN-10	0.8 - 1.0	10.0	12	47	170	43	58	55	220	14	6.4
UKN-15	1.0 -	15.0	17	55	188	50	67	60	240	15	9.0

### ⚠️ Precautions when using bucket hooks for lifting

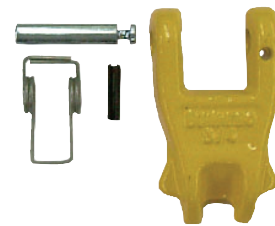
- When using the UKN, strictly adhere to Article 164 of the Japanese Industrial Safety and Health Regulations and Labor Standards Bureau Notification No. 542 or corresponding safety regulations in your country.

- The maximum lifting load can be calculated using the following formula.

$$\text{Bucket capacity (m}^3\text{)} \times 1800 \text{ (kg/m}^3\text{)}$$

- Caution: Even if the calculated maximum load of a hydraulic excavator is 1 ton or more, it is mandatory to use a load of less than 1 ton.
- Lifting work shall be performed only by trainers for lifting work or persons who have completed a special training.

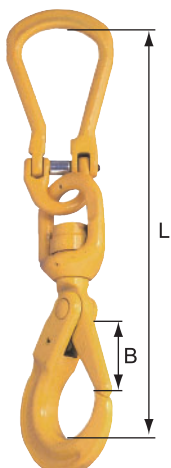
### UKN Spare Latch Set



- Size:
- UKN-0.75
  - UKN-1
  - UKN-2
  - UKN-3
  - UKN-4
  - UKN-5
  - UKN-8
  - UKN-10
  - UKN-15

## KURUKURU Anti Twist Set

When attached to a bucket hook, it smoothly reduces twisting. It can untwist chains and wires and helps positioning the load.



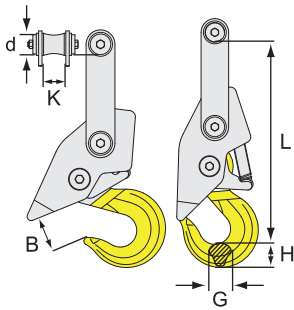
Size	WLL (t)	L (mm)	Hook Opening B (mm)	Weight (kg)
S	1.6	310	37	1.6
M	2.5	379	45	2.8
L	4.2	469	55	5.4
LL	6.4	566	62	9.5

- The bearing swivel hook allows smooth rotation, even when under load.
- The outward-opening hook makes it easy to attach and detach wide slings such as belt slings.
- The hook has a highly safe locking function, preventing slings from falling off during lifting.



## AH Automatic Hook \* Please check availability.

At sites, where space and manpower are limited and lifted loads need to be released smoothly, this automatic hook is a safe and convenient solution. It allows engaging and releasing of loads simply through crane operation.



Product Code	WLL (t)	Min Lock Load (kgf)	Dimensions (mm)						Weight (kg)
			L	B	G	H	K	ød	
AH-16	1.6	20	296	50	21	26	61	20	4.4
AH-42	4.2	80	412	53	28	38	61	33	9.6
AH-80	8.0	200	514	88	42	59	62.5	48	20.4



Watch video of the AH Hook on YouTube.

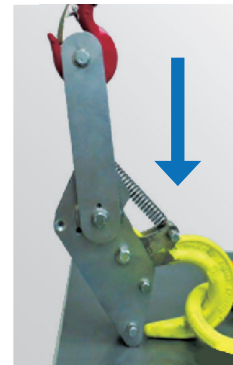
### How to use the AH Hook



1. The hook engages with the load.



2. The load is lifted, the hook locks, preventing load from falling.



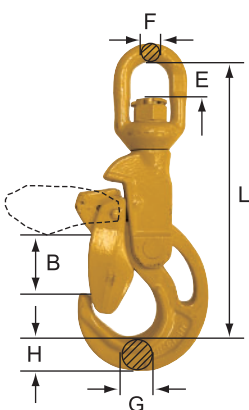
3. When the load is lowered, the hook lands and tilts.



4. The crane is raised, the load release is completed.

## TH Auto Hook \* Please check availability.

The TH is a safe and convenient hook, which allows releasing of loads simply through crane operation. Ideal for unloading in narrow places or heights.

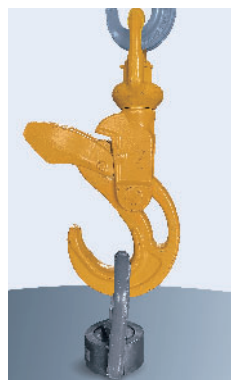


Product Code	WLL (t)	Dimensions (mm)						Weight (kg)
		L	B	G	H	F	E	
TH-13-8S	4.2	330	60	32	43	20	41	5.5

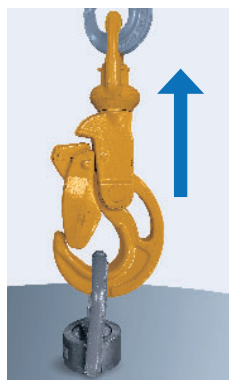


Watch video of the TH Hook on YouTube.

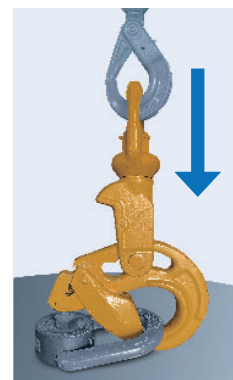
### How to use the TH Hook



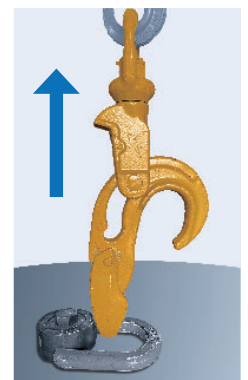
1. Attaching load to the hook, closing the latch.



2. The load is lifted.



3. When the load is lowered, the hook lands and tilts.



4. The crane is raised, the hook flips over, load release is completed.

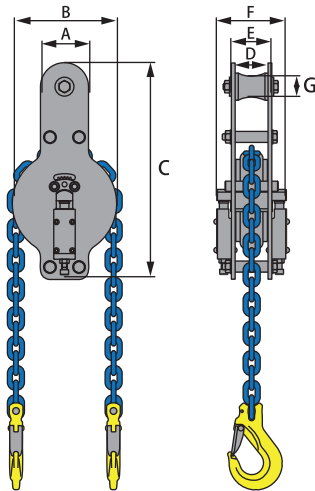


Safety factor 5:1

## CBM Balance Master \* Please check availability.

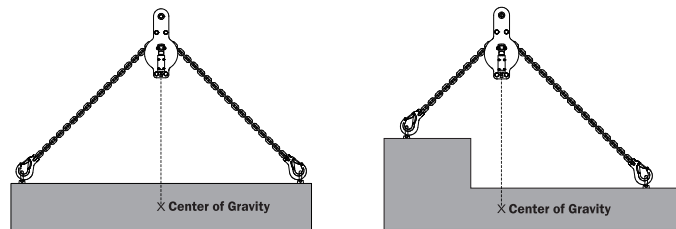
Chain sling set that allows perfect balancing of loads.  
Recommended for lifting of asymmetric objects.

- Balancing the load through crane operation, improving work efficiency.
- The chain locks at the center of gravity – safe, non-slipping design.
- No need to keep different chain slings for asymmetric loads.



Product Code	Hook	WLL (t)	Chain Diameter (mm)	Chain Length (m)*	Dimensions (mm)							Set Weight (kg)
					A	B	C	D	E	F	G	
CBM-EGKNA-8		2.0	8	4	76	165	343	52	64	110	33	15.6
CBM-GBK-8		2.0	8	4	76	165	343	52	64	110	33	16.2

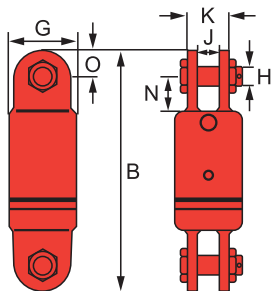
\* 4 m is the total chain length, not the lifting height. Other chain lengths available on request.



Watch video of Balance Master on YouTube.

## Roller Bearing Swivels \* Please check availability.

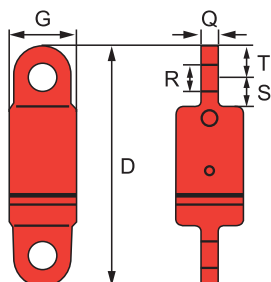
For lifting of heavy objects. Please contact us for detailed information.



### S-2 Jaw & Jaw

Specifications with hooks are also available. Please contact us for details.

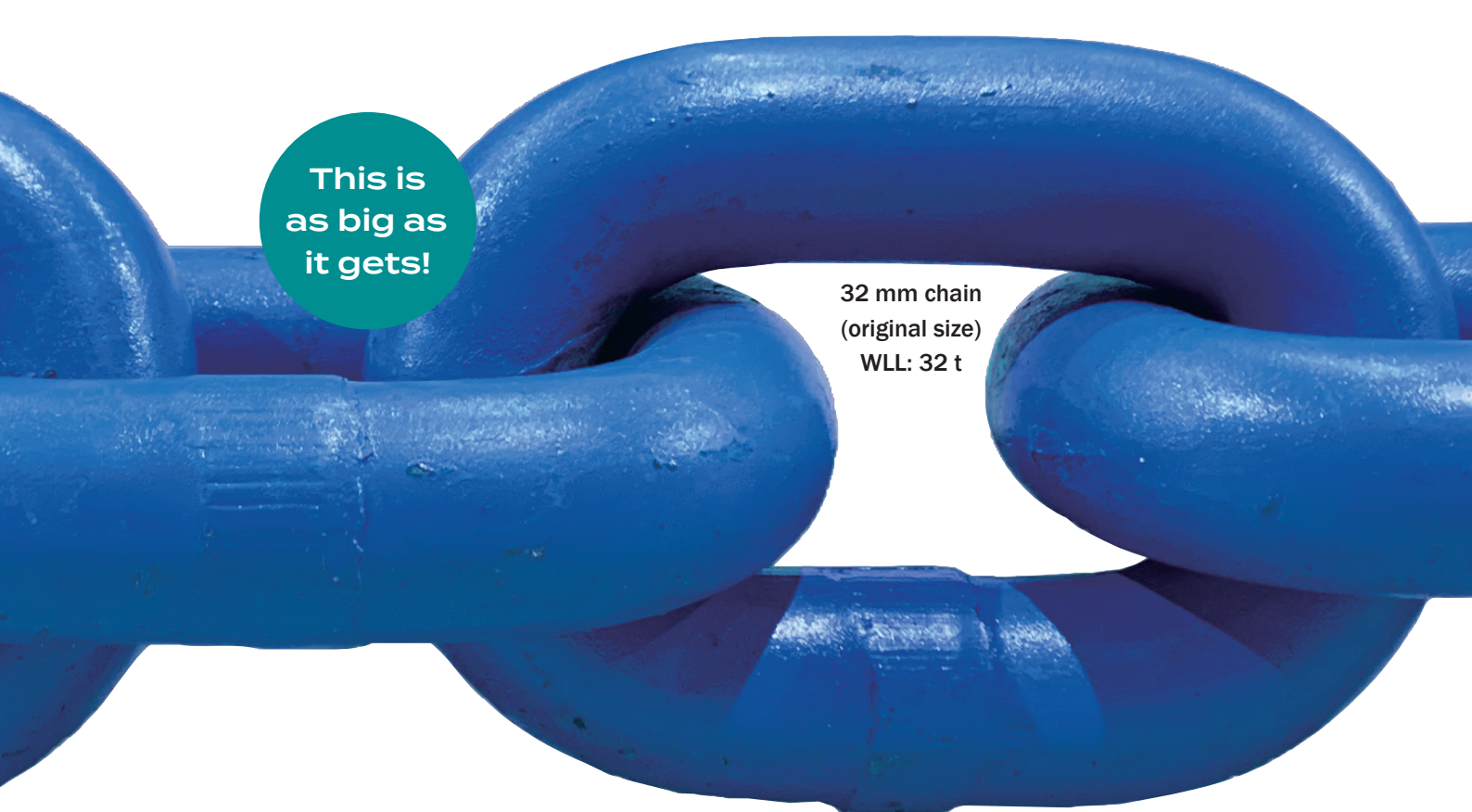
Product Code	WLL (t)	Dimensions (mm)							Weight (kg)
		B	G	H	J	K	N	O	
3-S-2	3.0	236	70	19.1	22.4	41.1	33.3	25.4	4.4
5-S-2	5.0	262	76	22.4	25.4	57	41.1	28.4	6.2
8-S-2	8.5	321	102	25.4	39.5	71.5	54	35.1	11.9
10-S-2	10.0	426	114	38.1	44.5	86	89	44.5	20.8
15-S-2	15.0	435	127	38.1	44.5	86	89	44.5	28.5
25-S-2	25.0	527	152	51	51	117	93.5	60.5	64.0
35-S-2	35.0	527	165	51	51	117	93.5	60.5	70.0
45-S-2	45.0	641	178	57	63.5	127	102	76	107.0



### S-5 Eye & Eye

Specifications with hooks are also available. Please contact us for details.

Product Code	WLL (t)	Dimensions (mm)						Weight (kg)
		D	G	Q	R	S	T	
3-S-5	3.0	239	70	19.1	26.2	28.4	31.8	3.9
5-S-5	5.0	249	76	25.4	32.5	31.8	31.8	5.1
8-S-5	8.5	302	102	31.8	35.8	41.1	38.1	13.3
10-S-5	10.0	394	114	42.9	42.9	70	47.8	19.1
15-S-5	15.0	416	127	49.3	51.5	70	54	22.2
25-S-5	25.0	565	152	57	58.5	98.5	60.5	59.0
35-S-5	35.0	565	165	57	58.5	98.5	60.5	66.0
45-S-5	45.0	673	178	63.5	64.5	102	76	98.0



This is  
as big as  
it gets!

32 mm chain  
(original size)  
WLL: 32 t



For more Information about our products and  
how to get in touch with us, please visit our website.  
[www.martec.co.jp](http://www.martec.co.jp)

For videos about high-end lifting products,  
please check out our YouTube channel.  
[www.youtube.com/@MartecLiftingEquipment](http://www.youtube.com/@MartecLiftingEquipment)



\* When purchasing products, please read the enclosed instructions carefully before use.

\*\* Catalogue issued January 2025. Specifications may change at any time without notice to improve product design and performance.

 **MARTEC**

**MARTEC K.K.**

Minatojima-nakamachi 5-1-1, Chuo-ku, Kobe 650-0046

JAPAN

Tel +81-(0)78-302-0460 / Fax +81-(0)78-302-1404

E-mail: [info@martec.co.jp](mailto:info@martec.co.jp)

Sales Partner: