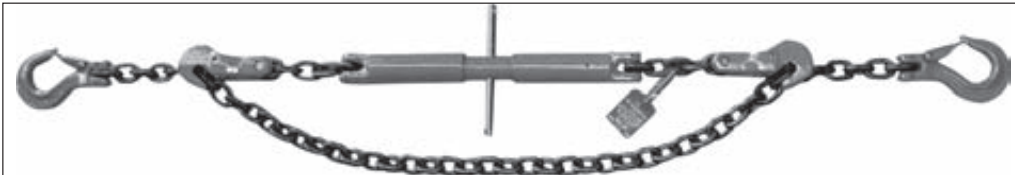


PRODUCT INFORMATION

CHAINS & SLINGS**Lashing chains**

Lashing on land ..., robust load restraint on road and rail

with CLASSIC type G8 combination. High lashing capacity, extremely wear resistant. Patented shortening claw and ratchet tensioner allow fast length adjustment and securement. Functional components guarantee absolute safety.



Combinations shown are standard configurations consisting of chain, coupling elements, shortening claws, shaft type tensioner and hooks at both ends.



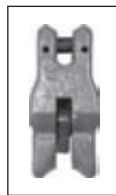
Coupling link G



Chain KL



Shaft type tensioner GSP



Shortening clutch GKL



Sling hook with latch EGKN, both ends

i MORE...

This is the short presentation of a product range. Details needed? Ask us. We provide all the information you need.

Lashing chain CLASSIC

Grade 80, GSP system
Complete with shaft type tensioner GSP with shortener (grab hook) GKL

Nominal Size = Chain dia.	Lashing capacity (LC)		Minimum Breaking Force	Weight		Lengths		
	kN	tf		Standard-length	shorter/longer (+/-)	Standard (finished)	Tensioner shortening	Grab hook shortening
~mm	kN	tf	kN	kg	kg/m	mm	< mm	< mm
6	22	2,2	50	4	0,8	3500	90	2500
8	40	4	80	7,5	1,4	3500	140	2400
10	63	6,3	126	12,5	2,2	3500	240	2300
13	100	10	212	21,7	3,7	3500	270	2100

Alternative configuration: Ratchet type tensioner instead of shaft type tensioner, clevis shackle or Berglok with oval link instead of hook, or to individual specification.



Ratchet type tensioner RLS



Master link MF



Clevis shackle GSA

CAUTION!

Important for users! For load restraint within EU legislative area the following must be observed:

- Do not use long link chains
 - Do not combine with textile lashing equipment
 - All components must be same nominal size
 - Protect against sharp edges
 - When used as lifting sling WLL only 1/2 lashing capacity
- Where applicable, refer to contents in usage guidelines for lashings and chain lifting slings.

Compact and robust ..., load restraint on road and rail

with G10 lashing chain combination from the GRABIQ range. Maximum lashing capacity combined with all the good features of the CLASSIC variant.



Ratchet type tensioner GSR



Shaft type tensioner GSP



Midgrab shortener MIG CC



Sling hook EGKN with latch



This is just a brief presentation of a whole range of products. Details needed? Ask us. We provide all the information you need.

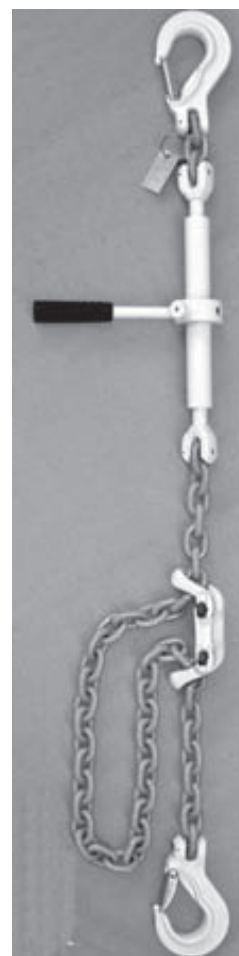
Lashing chain GRABIQ

Grade 10 GSP10 system

Complete with shaft type tensioner GSP with shortener (claw) MIG

Nominal Size = Chain dia.	Lashing capacity (LC)			Weight		Lengths		
	kN	tf	kN	Standard length	shorter/longer (+/-)	Standard (finished)	Tensioner shortening	Claw shortening
~mm	kN	tf	kN	kg	kg/m	mm	< mm	< mm
8	50	5	100	4	1,7	3500	120	2600
10	80	8	160	7,5	2,6	3500	220	2500
13	130	13	260	12,5	4,5	3500	270	2400

For 'Lashing chains in service' the same content is generally applicable as in 'Lifting belts in service', supplemented by 'Chain lifting slings in service'.



... or lashing on board: Load restraint at sea

Quick and easy to handle. Long link chains grade 8, high tensile strength with standard fittings.



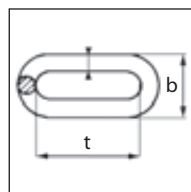
Chain G8 semilong link



Hoist hook E



Hoist hook P



Round steel chain HL grade 8

Semilong for cargo lashing

Nominal Size = Chain dia.	Lashing capacity (LC)	Breaking Force	Weight	Measurements	
				b	t
	kN	kN	~ kg/m	mm	mm
6	20	45	0,80	22	35
9	50	102	1,1	33	53
11	75	154	1,4	40	64
13	100	214	2,2	48	80



Elephant foot



Tension Lever