

ORSA CHAIN LASHING SYSTEMS



ORSA LINK
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ORSA CHAIN LASHING SYSTEM

ORSA LINK is a chain manufacturer with tradition and history going back as far as 1909. We master the technique of wire treatment, bending, welding and hardening.

Our knowledge and high quality in our fields of production is highly recognized in the market through out of the world – the mark of “J8” – is synonymous with high quality and knowhow.

As a leading manufacturer of Chain Lashing Systems we can offer You a solution in all applications.

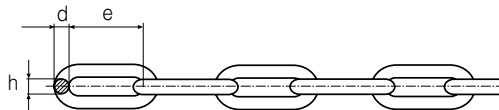
ORSA LASHING CHAIN TYPE HLL, GRADE 8

Chain for lashing, Orsa J8.

Heat treatment: hardened and tempered.

Finish: painted, self colour or hot dip galvanized.

For assembled lashing chains, state length, end fittings, MBL and colour.



Code	Min breaking load, MBL tonnes	Link dimensions, mm			Weight kg/m
		d	e	h	
HLL-9-8	10.2	9	57	16	1.5
HLL-11-8	15.4	11	66	18	2.1
HLL-13-8	21.4	13	81	22	2.7
HLL-16-8	32.0	16	88	27	4.6

Note: hot dip galvanized chain and components reduces load with 20%.

TENSION LEVER ORSA

For Orsa lashing chain type HLL.

Heat treatment: hardened and tempered.

Finish: painted or hot dip galvanized.



Code	For Orsa lashing chain	Min breaking load, MBL tension tonnes	Length mm	Weight kg/ea
LA-9	HLL-9	10	600	3.5
LA-11	HLL-11	15	600	3.9
LA-13	HLL-13	20	650	6.0
LB-9	HLL-9	10	600	2.3
LB-11	HLL-11	15	600	2.7
LB-13	HLL-13	20	650	4.8

Type LB without climbing hook



EXTENSION HANDLE FOR LEVER

For use with Orsa tension lever.
Welded construction, L = 880 mm.
Finish: painted.



LASHING HOOK TYPE ORSA-L

Lashing hook with eye.
For connection with weld-in links or
connection to chain with shackle.
Finish: painted or hot dip galvanized.

Code	For Orsa lashing chain	Min breaking load, MBL tonnes	Weight kg/ea
L-9	HLL-9	10	0.5
L-11	HLL-11	15	0.85
L-13	HLL-13	20	1.1



LASHING HOOK TYPE ORSA-C

Lashing hook with split pin.
For connection straight into chain links of lashing chain.
Finish: painted or hot dip galvanized.

Code	For Orsa lashing chain	Min breaking load, MBL tonnes	Weight kg/ea
C-9	HLL-9	10	0.5
C-11	HLL-11	15	0.85
C-13	HLL-13	20	1.1



ELEPHANT FOOT TYPE ORSA-E

Lashing fitting with eye or for clevis connection.
Finish: painted or hot dip galvanized.



Code	For Orsa lashing chain	Min breaking load, MBL tonnes	Weight kg/ea
EL - eye	HLL-9/11/13	20	0.7
EC- clevis	HLL-9/11/13	20	0.8



SHACKLES

For connecting lashing hooks type L and elephant foot type EL into lashing chain.
Finish: painted or hot dip galvanized.

Code	For Orsa lashing chain	Min breaking load, MBL tonnes	Weight kg/ea
M-12-8	HLL-9	10	0.2
M-16-8	HLL-11	15	0.4
M-20-8	HLL-13	20	0.7



D-RING TYPE ORSA DRF

To be welded on the deck as lashing point
Finish: self colour.

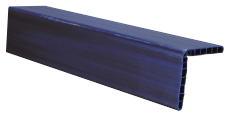
Code	Dimension mm	Approx base length for weld, mm	Min breaking load, MBL tonnes	Weight kg/ea
DRF-1	13x65x60	91	10	0.3
DRF-2	19x100x80	138	20	0.8
DRF-3	25x105x85	155	36	1.5
DRF-4	35x150x90	220	67	3.9



LASHING POINT TYPE ORSA DRM

D-ring with attachment plate. To be welded on the deck as lashing point.
Finish: self colour.

Code	Dimension mm	Approx base length for weld, mm	Min breaking load, MBL tonnes	Weight kg/ea
DRM-1	13x65x48	50	10	0.6
DRM-2	19x100x70	70	20	1.2
DRM-3	25x105x70	70	36	2.3
DRM-4	35x150x75	100	67	5.3



PC-120



PC-190

CORNER PROTECTORS FOR USE WITH CHAIN

Protectors manufactured in Polyethylene.
Standard length 6 m.

Code	Dimension mm	Weight kg/m
PC-120	120x120x15	0.6
PC-190	190x190x19	2.2



ORSA LASHING CHAIN TYPE KL, GRADE 8

Short link chain for lashing, Orsa J8
Heat treatment: hardened and tempered

Code	Min breaking load MBL tonnes	Standard length m	Weight kg/ea
KL-10-8	12.6	3.5	8.5
KL-13-8	21.2	3.5	15.5



LOAD BINDER RATCHET TYPE

For Orsa lashing chain type KL.
Finish: painted.

Code	For Orsa lashing chain	Min breaking load, MBL, tonnes	Weight kg/ea
R-10	KL-10	14.7	5.6
R-13	KL-13	20.0	6.6

ORSA LINK

ORSA LINK AB
Box 13, SE-794 21 Orsa, Sweden
Tel +46 (0)250 59 23 00, Fax +46 (0)250 401 88
www.orsalink.se e-mail: info@orsalink.se