



STEEL CHAIN FOR MOORING SOLUTIONS **Buoy and Barrel Chains**

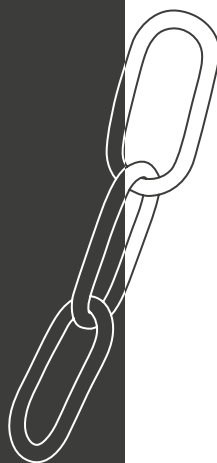
APPLICATION

Anchorage of buoys and barrels

Julius Marine supplies all common buoy and barrel chains as well as accessories for sea mark mooring. The buoy and buoy chains are manufactured according to the current standards of DIN 5683.

For all buoy and buoy chains suitable swivels and shackles are available as accessories.

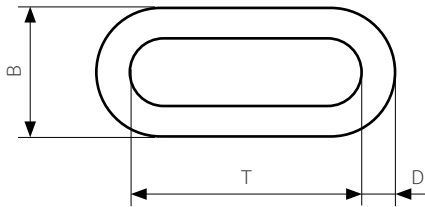
Manufactured in Germany.



Steel chain



Swivels and shackles



DIMENSIONS AND WEIGHT

Nominal thickness D	Limits	Partition T / limits	External width W / limits	Weight kg / m
16	± 0.8	$144 / \pm 4$	$88 / \pm 3$	4.4
18	± 0.9	$162 / \pm 4$	$99 / \pm 3$	5.6
20	± 1.0	$180 / \pm 5$	$110 / \pm 3$	6.9
23	± 1.2	$207 / \pm 5$	$127 / \pm 4$	9.1
26	± 1.3	$234 / \pm 6$	$143 / \pm 4$	12
30	± 1.5	$270 / \pm 7$	$165 / \pm 5$	15
33	± 1.7	$297 / \pm 7$	$182 / \pm 5$	19
36	± 1.8	$324 / \pm 8$	$198 / \pm 6$	22
39	± 2.0	$351 / \pm 9$	$215 / \pm 6$	26

NOMINAL THICKNESS DEPENDENT OPERATING FORCE AND MECHANICAL FEATURES

Nominal thickness D	Operating force* kN max.	Test force kN	Breaking force kN min.
16	20	40	160
18	25	50	200
20	32	63	250
23	40	80	320
26	50	100	400
30	63	125	500
33	80	160	630
36	100	200	800
39	110	220	900

* According to DIN 5683, operating forces cannot be specified exactly. In practice, the values of the operating force are assumed according to the table.