



**EUROPE'S LARGEST RUBBER AND POLYURETHANE
FENDER MANUFACTURER**



BENCROS S.R.O.
Nábřežie Ľ. Štúra 1173/25
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Tug Cylindrical Fenders

Bencros Tug Cylindrical Fenders are built for long-lasting performance in tough marine conditions. Used worldwide, they offer durable hull protection for decades.

We manufacture large fenders with diameters over 1000 mm and lengths beyond 13 metres, easily joined to exceed 20 metres.

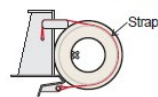
Mandrel-built with optional tapered ends and grooved profiles, they suit webbing straps or sleeved chains. Their flexible design allows easy fitting around bows and sterns with neat joints.

Ideal alongside our W-type (BTW), M-type (BTM), and Keyhole (BTK) fenders. Contact Bencros to discuss your needs.

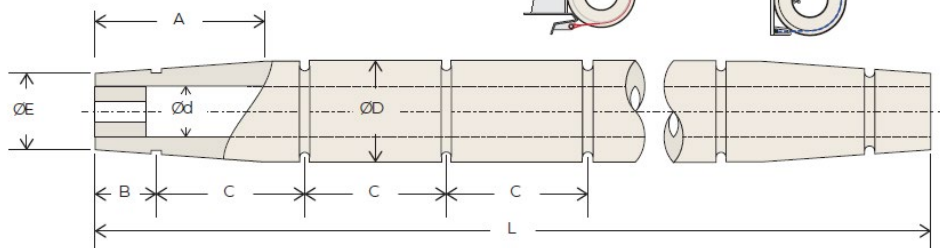
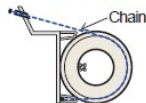


Constructed on a mandrel, Tug Cylindrical Fenders can be constructed with tapered ends and hot profiled grooves to suit webbing straps or sleeved chains.

STRAP FIXING



CHAIN FIXING



ØD	ØD	A	B	C	ØE
200	100-110	500	150	530	150
250	125-138	500	200	570	190
300	150-165	700	225	600	225
350	175-193	800	250	630	260
400	200-220	800	300	670	300
500	250-275	900	300	730	375
600	300-330	900	350	800	450
700	350-385	1000	350	860	525
800	400-440	1000	350	930	600
900	450-495	1100	350	1000	675
1000	500-550	1200	350	1060	750

ØD	ØD ₁ (=0.5D)	R ₁	ØD ₂ (=0.6D)	R ₂
200	100	110	120	87
250	125	138	150	109
300	150	165	180	131
350	175	193	210	152
400	200	220	240	174
500	250	275	300	218
600	300	330	360	261
700	350	385	420	305
800	400	440	480	348
900	450	495	540	392
1000	500	550	600	435

Performance tolerance is $\pm 10\%$. Energy and reaction are per metre length and for Bencros C1 (standard) rubber grade.
For special requirements and extra large diameters, please ask Bencros.

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