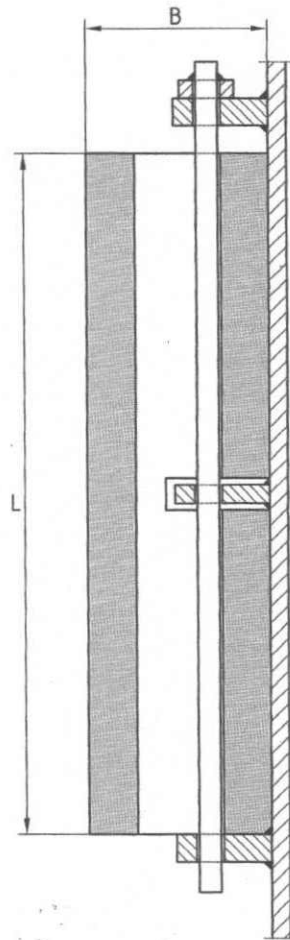
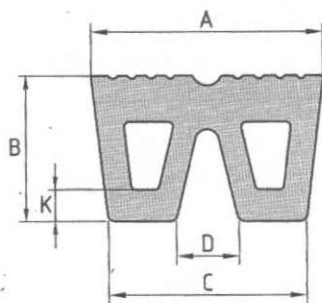
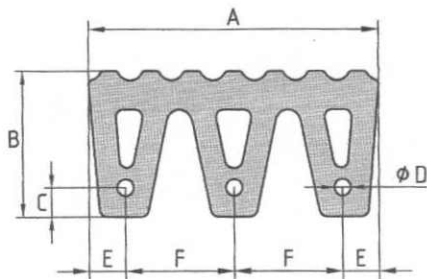


Tug cylindrical fender dimensions

ϕA [mm]	B [mm]	C [mm]	D [mm]	ϕE [mm]	ϕH [mm]	ϕJ [mm]
200	150	530	500	100	75	150
250	200	570	500	125	75	190
300	225	600	700	150	75	225
350	250	630	800	175	100	260
400	300	670	800	200	100	300
500	300	730	900	250	100	375
600	350	800	900	300	125	450
700	350	860	1000	350	125	525
800	350	930	1000	400	125	600
900	350	1000	1100	450	150	675
1000	350	1060	1200	500	150	750

M-Fender dimensions

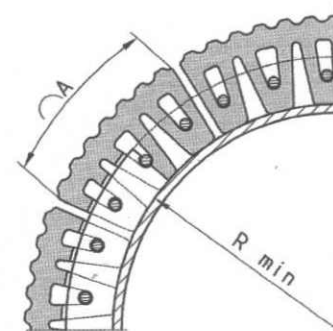
Type	A [mm]	B [mm]	C [mm]	∅D [mm]	E [mm]	F [mm]	∅Pin [mm]	L _{max} [mm]	Weight [kg/m]
M 40	400	200	40	23	50	150	20	2000	56
M 50	500	250	50	27	60	190	24	2000	89
M 60	600	300	60	33	70	230	30	2000	132



M-Fender Fixing

Tolerances +/- 4%

Pin [mm]	Flat bar [mm]	R _{min} [mm]
∅ 20	100 x 15	450
∅ 24	125 x 20	550
∅ 30	150 x 20	650



W-Fender Fixing

Tolerances +/- 4%

Pin [mm]	Flat bar [mm]	R _{min} [mm]
∅ 25	100 x 20	600
∅ 30	120 x 20	800
∅ 40	140 x 20	900
∅ 40	150 x 20	1000

M-Fender and W-Fender, both available with profiled or non profiled surface

W-Fender dimensions

Type	A [mm]	B [mm]	C [mm]	D [mm]	K [mm]	L _{max} [mm]	Weight [kg/m]
W32	320	200	280	100	50	2000	51
W40	400	250	350	110	55	2000	81
W48	480	300	426	135	65	2000	120
W50	500	450	420	90	75	2000	180