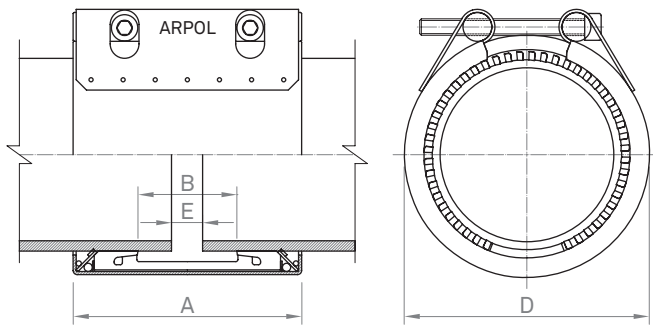


For steel pipe

Serie FIX-M

To ensure correct operation, Fitting instructions must be respected.
Test pressure = 1.5 x PS / PN



	Quality W1		Quality W2		Quality W4		Quality W5	
	AISI	DIN	AISI	DIN	AISI	DIN	AISI	DIN
Casing					304 L	1.4307	316 L	1.4404
Bolts					304	1.4301	316	1.4401
Bars					304 L	1.4307	316 L	1.4404
Inner Steel Plate (Lock)					304 L	1.4307	316 L	1.4404
Anchoring Ring					302	1.4310	302	1.4310

Sealing gasket: EPDM / NBR / Silicone

OD	Range	Pressure		Dimensions					Bolts	
		PN bar	PS bar	A mm	B mm	D mm	E ¹ mm	E ² mm	Diam.	Tor. Nm
48.3	47.8 - 48.9	16	40	93	31	72	5	15	M 8	20
54.0	53.5 - 54.5	16	35	93	31	82	5	15	M 8	25
57.0	56.4 - 57.6	16	35	93	31	85	5	15	M 8	25
60.3	59.7 - 60.9	16	35	93	31	88	5	15	M 8	25
76.1	75.3 - 76.9	16	22	111	45	104	5	15	M 8	35
88.9	88.0 - 89.8	16	22	111	45	119	5	15	M 10	35
108.0	106.9 - 109.1	16	21	111	45	141	5	15	M 10	35
114.3	113.2 - 115.4	16	25	112	45	174	5	15	M 10	35
133.0	131.7 - 134.3	16	19	112	45	167	5	15	M 10	35
139.7	138.3 - 141.1	16	18	112	45	184	5	15	M 10	35
154.0	152.4 - 155.6	16	18	113	45	188	5	15	M 10	35
159.0	157.4 - 160.6	16	18	113	45	193	5	15	M 10	35
168.3	166.6 - 170.0	16	18	113	45	202	5	15	M 10	35
219.1	216.9 - 221.3	16	16	142	86	255	15	35	M 12	65
244.5	242.0 - 247.0	9	9	142	86	280	15	35	M 12	65
267.0	264.5 - 269.5		8	142	86	303	15	35	M 12	65
273.0	270.5 - 275.5		8	142	86	309	15	35	M 12	65
323.9	320.5 - 327.0		6	142	86	360	15	35	M 12	65
355.6	352.0 - 359.0		6	142	86	391	15	35	M 12	65
406.4	402.5 - 410.5		5	142	86	441	15	35	M 12	65

E¹ Permitted gaps without internal band E² Permitted gaps with internal band

PN Nominal pressure for the shipbuilding industry with safety factor ≥ 4 PS Working pressure OD Outside Diameter Tor. Torque Value

OD	Maximum diameter difference	Maximum angular deflection	Maximum misalignment
mm	mm	degrees	mm
48	0,5	4,0	1,0
54 - 60	1,0	4,0	1,0
76 - 104	1,5	4,0	1,0
108 - 154	2,5	4,0	1,0
159 - 219	2,5	2,0	2,0
244 - 406	2,5	2,0	3,0

See page 7 (Permitted tolerances)