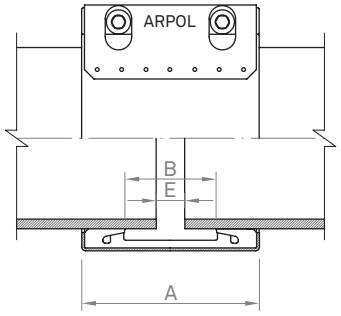
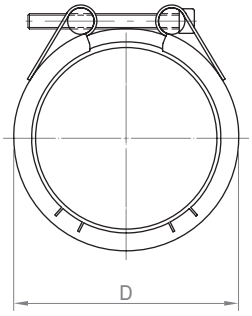
Nominal width 95

Series IBXC - IBXR

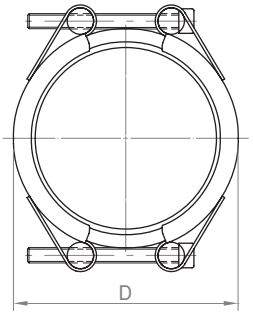
To ensure correct operation, Fitting instructions must be respected.
Test pressure = 1.5 x PS



REP-C



REP 2



	Quality W1		Quality W2		Quality W4		Quality W5	
	AISI	DIN	AISI	DIN	AISI	DIN	AISI	DIN
Casing			304 L	1.4307	304 L	1.4307	316 L	1.4404
Bolts			1035	1.0501	304	1.4301	316	1.4401
Bars			1045	1.0503	304 L	1.4307	316 L	1.4404
Inner Steel Plate (Lock)			304 L	1.4307	304 L	1.4307	316 L	1.4404

Sealing gasket: *EPDM / NBR / Silicone*

OD	Range		Pressure	Dimensions					Bolts	
mm	IBXC mm	IBXR mm	PS bar	A mm	B mm	D mm	E^1 mm	E^2 mm	Diam.	Tor. Nm
48,3	47 - 49		45	78	31	68	5	15	M 8	7
54,0	53 - 55		45	78	31	74	5	15	M 8	7
57,0	56 - 58		40	78	31	77	5	15	M 8	7
60,3	59 - 61	57 - 64	40	78	31	80	5	15	M 8	7
63,0	62 - 65	60 - 64	40	78	31	84	5	15	M 8	7
66,0		64 - 68	40	94	45	88	5	15	M 8	7
69,0		67 - 72	30	94	45	92	5	15	M 8	7
76,1	74 - 77	74 - 78	30	94	45	99	5	15	M 8	7
84,0	82 - 85	80 - 86	30	94	45	107	5	15	M 8	7
88,9	87 - 91	87 - 93	30	95	45	113	5	15	M 8	7
94,0		90 - 96	30	95	45	116	5	15	M 8	7
104,0	102 - 106	98 - 106	30	95	45	128	5	15	M 8	10
108,0	107 - 111	107 - 111	30	95	45	133	5	15	M 8	10
114,3	112 - 117	110 - 116	30	95	45	139	5	15	M 8	10
125,0	124 - 127	118 - 125	20	95	45	149	5	15	M 8	10
129,0	127 - 131	125 - 131	20	95	45	153	5	15	M 8	10
133,0	131 - 136	131 - 136	20	95	45	158	5	15	M 8	10
139,7	137 - 142	137 - 144	20	95	45	164	5	15	M 8	10
154,0	152 - 156	147 - 156	20	95	45	178	5	15	M 8	10
159,0	156 - 161	156 - 162	20	95	45	183	5	15	M 8	10
168,3	166 - 171	166 - 171	20	95	45	193	5	15	M 8	10

E^1 *Permitted gaps without internal band* ***E^2*** *Permitted gaps with internal band* ***PS*** *Working pressure* ***OD*** *Outside Diameter* ***Tor.*** *Torque Value*

OD	Maximum diameter difference		Maximum angular deflection		Maximum misalignment		Maximum crack width	
	IBXC	IBXR	IBXC	IBXR	IBXC	IBXR	IBXC	IBXR
mm	mm		degrees		mm		mm	
48,3	0,5	-	4,0	-	1,0	-	20	
54 - 69	1,0	2,0	4,0	4,0	1,0	1,0	20	
76,1 - 104	1,5	3,0	4,0	4,0	1,0	1,0	35	
108 - 154	2,5	3,0	4,0	4,0	1,0	1,0	35	
159 - 168,3	2,5	3,0	4,0	4,0	2,0	2,0	35	

See page 7 (Permitted tolerances)