

Applications

MAFUSA repair clamp offers a solution to permanently repair most pipes damaged with holes, cracks or breaks. Consists of one or more stainless steel bands AISI 304 with locks also in stainless steel.

Each clamp covers a wide range of diameters for pipes in gray cast iron, ductile iron, steel, asbestos cement, plastics, etc ...

Properties

• Corrosion resistance

Fully passivated stainless steel components that require no additional corrosion protection. DACROMET screws and nuts.

• Reliable sealing

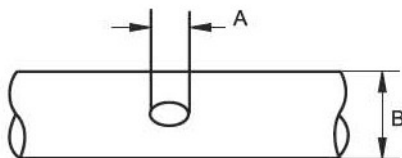
Rubber gasket that covers the entire circumference of the pipe and guarantees the absence of leaks.

• Simple construction, easy installation

Quick installation in the most complicated places with a simple overlap of the locks and tightening of the screws. No special tools are required. A clamp can be placed in a wide range of diameters.

Selection of clamp length

1. The length of the clamp should be at least the sum of the diameter of the damaged area (A) plus the outside diameter of the tube to be repaired (B), it will be: $A + B$.
2. For plastic, PVC or PE pipes, the previous length should be increased by 50%, that will be: $1.5 \times (A + B)$.



Characteristics

- Easy to install.
- Fully made of stainless steel.
- It has a wide tolerance regarding the external diameter of the pipe.
- Absorbs pipe irregularities and/or ovalization.
- Unalterable to corrosion.
- Carefully finished surfaces and edges to avoid getting damaged during installation.
- Minimum time of affection to the pipe during its placement.

Materials and standards

• Main Parts:

Body, closing flanges, screws, nuts and washers
AISI 304 (A2) stainless steel

• Rubber

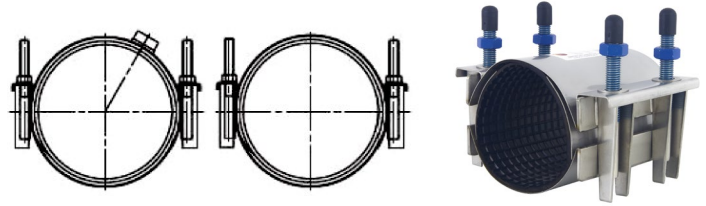
- For EPDM regular applications, optional in NBR, silicone or VITON.

- EPDM according to EN681-1 / NBR according to EN 682 standard.

- WRAS (UK) approved rubber.

• Lock

AISI 304 (A2) stainless steel.



* Repair clamps with BSP threaded outlet
3/4", 1", 1 1/4", 1 1/2" and 2" are possible on request.

RC 100S

RANGE D.E		PRESSURE (BAR)		N° BANDS	RANGE D.E		PRESSURE (BAR)		N° BANDS	LENGTH (mm)
inch	mm	water	gas		inch	mm	water	gas		
1,89-2,28	48-58	16	5	1	8,58-8,98	218-228	16	4	1	150-600
2,17-2,56	55-65	16	5	1	8,98-9,37	228-238	16	3	1	150-600
2,64-3,03	67-77	16	5	1	9,37-9,76	238-248	10	3	1	150-600
3,27-3,66	83-93	16	5	1	9,72-10,12	247-257	10	3	1	150-600
3,62-4,02	92-102	16	5	1	10,16-10,55	258-268	10	3	1	150-600
4,21-4,61	107-117	16	4	1	10,67-11,06	271-281	10	3	1	150-600
4,84-5,12	123-130	16	4	1	11,10-11,50	282-292	10	3	1	150-600
5,31-5,71	135-145	16	4	1	11,57-11,97	294-304	10	3	1	150-600
5,71-6,10	145-155	16	4	1	11,89-12,28	302-312	10	3	1	150-600
6,22-6,61	158-168	16	4	1	12,20-12,60	310-320	10	3	1	150-600
6,54-6,93	166-176	16	4	1	12,60-12,99	320-330	10	3	1	150-600
6,81-7,20	173-183	16	4	1	12,87-13,27	327-337	10	3	1	150-600
7,09-7,48	180-190	16	4	1	13,46-13,86	342-352	10	3	1	150-600
7,40-7,80	188-198	16	4	1	14,02-14,41	356-366	10	3	1	150-600
7,68-8,07	195-205	16	4	1						150-600

RC 200S

RANGE D.E		PRESSURE (BAR)		N° BANDS	RANGE D.E		PRESSURE (BAR)		N° BANDS	LENGTH (mm)
inch	mm	water	gas		inch	mm	water	gas		
3,39-4,17	86-106	16	4	2	14,06-14,84	357-377	10	3	2	150-600
4,45-5,24	113-133	16	4	2	14,37-15,16	365-385	10	3	2	150-600
4,72-5,55	120-141	16	4	2	15,08-15,87	383-403	10	3	2	150-600
6,61-7,40	168-188	16	4	2	15,91-16,69	404-424	10	3	2	150-600
6,85-7,64	174-194	16	4	2	16,57-17,36	421-441	10	3	2	150-600
8,62-9,41	219-239	16	4	2	17,17-17,95	436-456	10	3	2	150-600
8,98-9,80	228-249	16	4	2	17,83-18,62	453-473	10	3	2	150-600
9,84-10,24	250-260	16	4	2	18,46-19,25	469-489	10	3	2	150-600
10,75-11,54	273-293	16	3	2	19,21-20,00	488-508	10	3	2	150-600
11,10-11,89	282-302	10	3	2	19,88-20,67	505-525	10	3	2	150-600
11,61-12,40	295-315	10	3	2	20,67-21,46	525-545	10	3	2	150-600
12,76-13,54	324-344	10	3	2	21,50-22,28	546-566	10	3	2	150-600
13,19-13,98	335-355	10	3	2	22,13-22,91	562-582	10	3	2	150-600
13,66-14,45	347-367	10	3	2						