

REPAIR SET TYPE ERS

PIPELINE PRODUCTS FOR WATER, GAS AND INDUSTRIAL APPLICATIONS

Romacon stainless steel emergency repair sets (ERS) are used for the permanent repair of damaged pipes

For water, gas and petrochemical fluids



Application

The function of the emergency repair set is to reduce the stock that has to be carried by the water companies and to improve the availability of clamps in case of emergency repairs.

Especially for larger repair clamps that are relatively seldom used, it is convenient to have the combi repair clamp available so that any required clamp with a diameter between 91 and 780 mm can be assembled from the sections in the emergency repair set.

The sections are packed in a wooden crate and each time that two or more sections are used, the used sections can be re-ordered to complete the crate for the next emergency.

The sections, which increase in size, are marked A,B,C,D and E.

Standard section length is 400 mm

Clamp combinations

Use the table on the second page on the right to find the right combination of clamp sections for the range you need. This combination list is also supplied with a complete emergency repair set.

Pressure ratings

The pressure for which the clamp can be used varies with the number of sections, pipe diameter, medium etc. Use the following table as a guide:

Pipe OD	For water	For gas
91-271	16 Bar	6 Bar
272-374	10 Bar	4 Bar
365-545	10 Bar	3 Bar
546-632	6 Bar	1 Bar
632-669	4 Bar	0,5 Bar
669-780	2 Bar	0,5 Bar

Nominal working pressure under ideal circumstances.

Available rubber gaskets

Emergency Repair Sets can be supplied with the following types of rubber:

EPDM	- potable water - waste water	max 60 degr. C.
EPDM HT	- potable water - waste water	max 150 degr. C.
NBR	- natural gas - potable water - waste water	max 70 degr. C.
VITON	- several chemicals please contact Romacon	max 200 degr. C.

Our rubber gaskets are certified to European standards, such as ACS (France) and WRAS (UK). Please contact us for a detailed list of current certifications.

ERS SECTION COMBINATIONS

PIPELINE PRODUCTS FOR WATER, GAS AND INDUSTRIAL APPLICATIONS

RS-1 (one part)	Plate length	Clamp length	Range	
			Min. OD	Max. OD
A	317	400 / 500 / 600	91	98
B	383	400 / 500 / 600	111	121
C	446	400 / 500 / 600	131	141
D	543	400 / 500 / 600	162	172
E	637	400 / 500 / 600	193	203

RS-2 (two parts)	Combined with	Plate length	Clamp length	Range	
				Min. OD	Max. OD
A	B	700	400 / 500 / 600	213	233
	C	763	400 / 500 / 600	233	253
	D	860	400 / 500 / 600	264	284
	E	954	400 / 500 / 600	295	315
B	C	829	400 / 500 / 600	253	273
	D	926	400 / 500 / 600	284	304
	E	1020	400 / 500 / 600	314	334
C	D	989	400 / 500 / 600	304	324
	E	1083	400 / 500 / 600	335	355
D	E	1180	400 / 500 / 600	366	386

RS-3 (three parts)	Combined with	Plate length	Clamp length	Range	
				Min. OD	Max. OD
A	B and C	1146	400 / 500 / 600	354	384
	B and D	1243	400 / 500 / 600	386	416
	B and E	1337	400 / 500 / 600	416	446
	C and D	1306	400 / 500 / 600	406	436
	C and E	1400	400 / 500 / 600	436	466
	D and E	1497	400 / 500 / 600	467	497
	B	C and D	1327	400 / 500 / 600	426
B	C and E	1466	400 / 500 / 600	456	486
	D and E	1563	400 / 500 / 600	487	517
	C	D and E	1626	400 / 500 / 600	508

RS-4 (four parts)	Combined with	Plate length	Clamp length	Range	
				Min. OD	Max. OD
A	B, C and D	1689	400 / 500 / 600	527	567
	B, C and E	1783	400 / 500 / 600	558	598
	B, D and E	1880	400 / 500 / 600	589	629
D	D, E and A	1327	400 / 500 / 600	609	649
C	C, D and E	1626	400 / 500 / 600	629	669

RS-5 (five parts)	Combined with	Plate length	Clamp length	Range	
				Min. OD	Max. OD
A	B, C, D and E	2326	400 / 500 / 600	730	780