

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

PRODUCT EVOLUTION



Be careful, our repair clamp are changing

**We currently have 2 different types available (according to DN)
with different max pressure**

Marking before :



Marking new type :



At the end, only the new type will be available (from page 2 to 5)

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

Stainless steel repair clamp single band 3 studs for irrigation and sewage systems.

Stainless steel AISI 304 insert and NBR gasket.

For rigid pipes (PE, PVC, carbon steel and ductile iron).

NEW TYPE



Size : DN48 to DN285

Connection : For rigid pipes

Min Temperature : +0°C

Max Temperature : +85°C (for temporarily use)

Max Pressure : 16 Bars max up to DN210/223

Specifications : NBR gasket
Stainless steel insert
3 Studs, single band
200 mm long

Materials : AISI 304 insert

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

SPECIFICATIONS :

- AISI 304 belt
- NBR gasket
- 3 studs, single band
- For PE, PVC, steel and ductile iron pipes

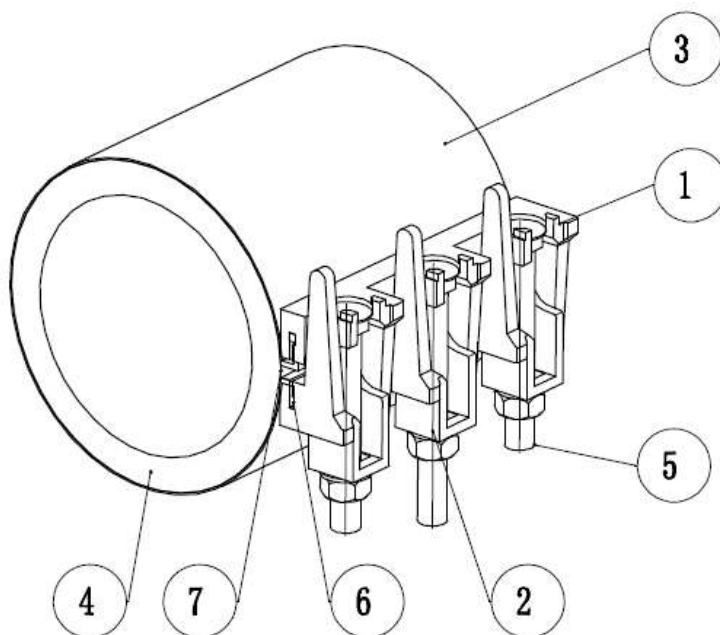
USE:

- Drinkable water
- Min and max Temperature Ts : +0°C to + 85°C (for temporarily used)
- Max pressure Ps : see dimension table page 4

RANGE :

- Repair clamp 3 studs single band, length 200 mm with NBR gasket **Ref.1405** from DN 48 to DN 285

MATERIALS :



Item	Designation	Materials
1	Upper Clamp	Ductile iron EN GJS-450-12
2	Lower Clamp	
3	Band cover	AISI 304
4	Rubber seal gasket	NBR
5	Bolting	Carbon steel Class 8.8 with Geomet 500 Grade B coating
6	Pin	AISI 304
7	Insert	

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

SIZE AND BOLTING TIGHTENING TORQUES :

Ref.	Ø external pipe		Bolting tightening torques (Nm)	Ps (Bar)	Weight (Kg)
	Mini	Maxi			
1405048	48	56	50	16	3.85
1405056	56	64			3.75
1405060	60	68			3.9
1405068	68	78			3.95
1405078	78	88			4
1405088	88	98	60		4.05
1405098	98	108			4.2
1405108	108	118			4.25
1405114	114	126			4.35
1405126	126	138	60 or 70*		4.3
1405138	138	150			4.3
1405140	140	153	60 or 90*		4.7
1405150	150	162			4.5
1405162	162	174	70 or 90*		4.6
1405168	168	182	70 or 100*		4.7
1405174	174	186			5.1
1405186	186	198	70 or 120*	5.15	
1405198	198	210		5	
1405210	210	223		5.1	
1405222	222	234		10	5.4
1405234	234	246			5.36
1405243	243	255			5.2
1405273	273	285	80 or 120*		5.3

*respect bolting tightening torque indicated on the tag of the repair clamp

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2b)

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

INSTALLATION INSTRUCTIONS

1.1 Storage

The equipment has to be stored in covered places, protected from the sun, rain and all other atmospheric agents. Moreover it has to be avoided that the seal comes in contact with dust and dirt.

1.2 Installation

The structure and the construction method allow a good facility and fast assembly of the collar on the pipe to repair.

Here follow are described the operations to carry out during the installation:

1. Clean the part of the pipe to be repair from eventual soil deposits;
2. Position the repair clamp in correspondence with the cut or the hole;
3. Ensure that the tapered end of the gasket is not folded on itself in any point, and that it is well extended on the pipeline to be repaired;

Note: we suggest greasing the tapered end with soapy water, grease or Vaseline.

4. Put the opposite terminal of the clamp on the tapered end.
5. To insert the threaded studs in the respective positions of the buttonholes and manually shut.
6. Rotate the repair clamp in the indicated direction by the arrow printed on the label (indispensable operation for the definitive correct extension of the tapered end) possibly making sure that the damaged section of the pipeline remains under the section of vulcanized plate in the gasket.
7. Uniformly and gradually tighten the three or more screws so that the two clamps come together during the tightening, always parallel to each other according to the recommended tightening torque.

Note: make sure during this phase that the vulcanized welt sheet in the gasket, does not strain and it keeps its preformed bend: if it strains, it will compromise the seal.

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

Stainless steel repair clamp 3 studs for irrigation and sewage systems.

Stainless steel AISI 304 insert and NBR gasket.

For rigid pipes (PE, PVC, carbon steel and ductile iron).



Size : DN48 to DN285

Connection : For rigid pipes

Min Temperature : +0°C

Max Temperature : +85°C (for temporarily use)

Max Pressure : 32 Bars max for DN48/56

Specifications : NBR gasket
Stainless steel insert
3 Studs
200 mm long

Materials : AISI 304 insert

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

SPECIFICATIONS :

- AISI 304 belt
- NBR gasket
- For PE, PVC, steel and ductile iron pipes

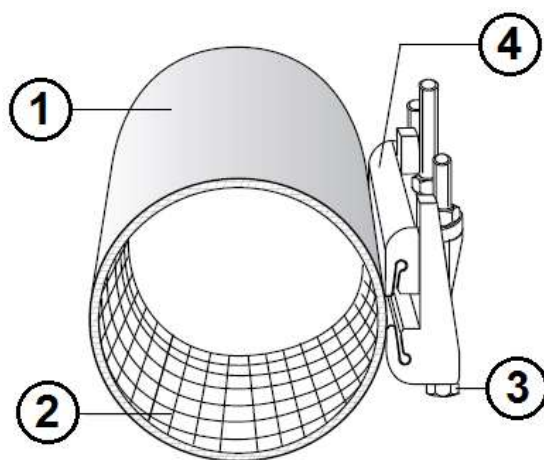
USE:

- Irrigation and sewage systems
- Min and max Temperature Ts : +0°C to + 85°C (for temporarily used)
- Max pressure Ps : see dimension table page 3

RANGE :

- Repair clamp single band type B, 3 studs, length 200 mm with NBR gasket **Ref.1405** from DN 48 to DN 285

MATERIALS :



Item	Designation	Materials
1	Insert	AISI 304
2	Gasket	NBR
3	Bolting	Carbon steel 6.S
4	Clamp	Ductile iron EN GJS-500-7

REPAIR CLAMP SINGLE BAND 3 STUDS LENGTH 200mm DUCTILE IRON / STAINLESS STEEL / NBR

SIZE(in mm) :

Ref.	Ø external pipe		Ps (Bar)	Weight (Kg)
	Mini	Maxi		
1405048	48	56	32	3.6
1405056	56	64	31	3.7
1405060	60	68	30	3.8
1405068	68	78	29	3.9
1405078	78	88	28	4
1405088	88	98	26	4.1
1405098	98	108	25	4.15
1405108	108	118	23	4.15
1405114	114	126	22.5	4.3
1405126	126	138	21.5	4.35
1405138	138	150	20	4.45
1405140	140	153	20	4.45
1405150	150	162	19	4.5
1405162	162	174	17	4.6
1405168	168	182	16.5	4.65
1405174	174	186	16	4.7
1405186	186	198	15	4.8
1405198	198	210	13.5	4.85
1405210	210	223	13	4.95
1405222	222	234	12	5.05
1405234	234	246	11	5.2
1405243	243	255	10.5	5.35
1405273	273	285	9	5.5

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STANDARDS :

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The structure and the construction method allow a good facility and fast assembly of the collar on the pipe to repair.

Here follow are described the operations to carry out during the installation:

8. Clean the part of the pipe to be repair from eventual soil deposits;
9. Position the repair clamp in correspondence with the cut or the hole;
10. Ensure that the tapered end of the gasket is not folded on itself in any point, and that it is well extended on the pipeline to be repaired;

Note: we suggest greasing the tapered end with soapy water, grease or Vaseline.

11. Put the opposite terminal of the clamp on the tapered end.
12. To insert the threaded studs in the respective positions of the buttonholes and manually shut.
13. Rotate the repair clamp in the indicated direction by the arrow printed on the label (indispensable operation for the definitive correct extension of the tapered end) possibly making sure that the damaged section of the pipeline remains under the section of vulcanized plate in the gasket.
14. Uniformly and gradually tighten the three or more screws so that the two clamps come together during the tightening, always parallel to each other according to the recommended tightening torque.

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