

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM

PRODUCT EVOLUTION



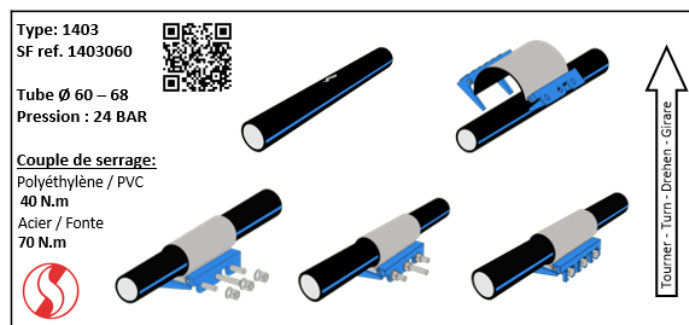
Be careful, our repair clamp are changing

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 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM

Stainless steel repair clamp 2x3 studs double band for drinking water.
Stainless steel AISI 304 insert and EPDM gasket.
For rigid pipes (PE, PVC, carbon steel and ductile iron).



NEW TYPE



Size : DN88 to DN516
Connection : For rigid pipes
Min Temperature : -10°C
Max Temperature : +60°C (for temporarily use)
Max Pressure : 16 Bars max up to DN182/202
Specifications : EPDM gasket
Stainless steel insert
2x3 Studs, double band
200 mm long

Materials : AISI 304 insert

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM

SPECIFICATIONS :

- AISI 304 belt
- EPDM gasket
- 2x3 studs, double band
- For PE, PVC, steel and ductile iron pipes

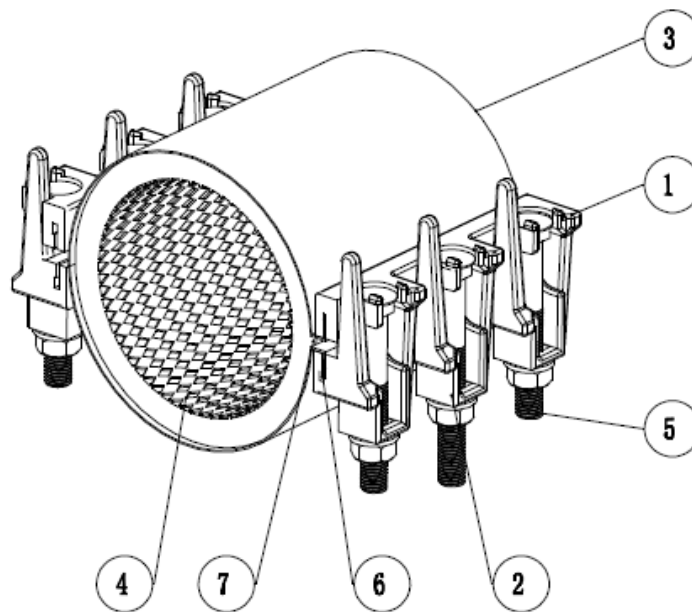
USE:

- Drinkable water
- Min and max Temperature Ts : - 10°C to + 60°C (for temporarily used)
- Max pressure Ps : see dimension table page 4

RANGE :

- Repair clamp double band type D, 3x2 bolts, length 200 mm with EPDM gasket **Ref.1406** from DN 88 to DN 516

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	EPDM (ACS)
5	Bolting	Carbon steel Class 8.8 with Geomet 500 Grade B coating
6	Pin	AISI 304
7	Insert	

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM
SIZE AND BOLTING TIGHTENING TORQUES :

Ref.	Ø external pipe		Bolting tightening torques (Nm)	Ps (Bar)	Weight (Kg)
	Mini	Maxi			
1406088	88	110	60	16	7.5
1406114	114	137			7.55
1406138	138	160			7.9
1406160	160	182	70	10	8.2
1406182	182	202			8.35
1406202	202	224			8.7
1406217	217	240			8.89
1406240	240	262	90	7	9.11
1406262	262	284			9.24
1406273	273	296			9.36
1406296	296	319			9.46
1406324	324	346	110	7	9.37
1406346	346	368			9.97
1406365	365	387			10.26
1406387	387	410			10.62
1406410	410	432	120	7	10.64
1406428	428	450			11.46
1406450	450	474			12.63
1406470	470	492			13.71
1406492	492	516			14.93

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2b)
- French water agreement **A.C.S. N° 18 MAT LY 583**

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 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM

Stainless steel repair clamp 2x3 studs for drinking water.
Stainless steel AISI 304 insert and EPDM gasket.
For rigid pipes (PE, PVC, carbon steel and ductile iron).



Size : DN88 to DN516
Connection : For rigid pipes
Min Temperature : -10°C
Max Temperature : +60°C (for temporarily use)
Max Pressure : 26 Bars max for DN88/110
Specifications : EPDM gasket
Stainless steel insert
2x3 Studs
200 mm long

Materials : AISI 304 insert

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM

SPECIFICATIONS :

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

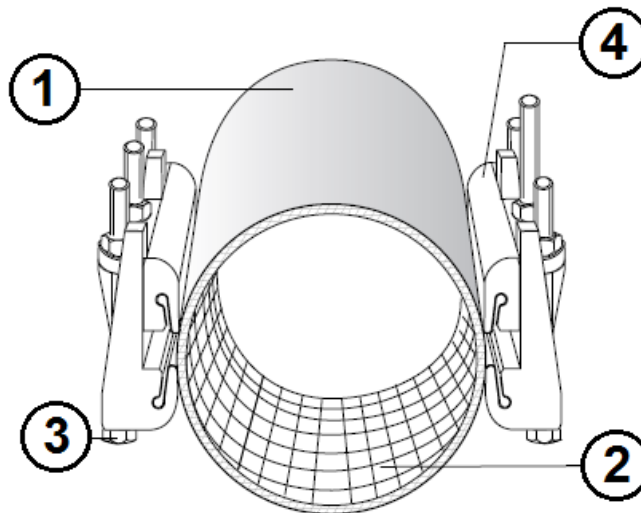
USE:

- Drinkable water
- Min and max Temperature Ts : - 10°C to + 60°C (for temporarily used)
- Max pressure Ps : see dimension table page 8

RANGE :

- Repair clamp double band type D, 3x2 bolts, length 200 mm with EPDM gasket **Ref.1406** from DN 88 to DN 516

MATERIALS :



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

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM
SIZE(in mm) :

Ref.	Ø external pipe		Ps (Bar)	Weight (Kg)
	Mini	Maxi		
1406088	88	110	26	7.6
1406114	114	137	22.5	7.75
1406138	138	160	20	7.85
1406160	160	182	17	8
1406182	182	202	15.5	8.1
1406202	202	224	13.5	8.2
1406217	217	240	12.5	8.3
1406240	240	262	10.5	8.45
1406262	262	284	9.5	8.65
1406273	273	296	9	8.85
1406296	296	319	8	9.05
1406324	324	346	6.5	9.25
1406346	346	368	6	9.4
1406365	365	387	5.5	9.5
1406387	387	410	4.5	9.6
1406410	410	432	4	9.7
1406428	428	450	3.5	9.8
1406450	450	474	3	10
1406470	470	492	2.5	10.2
1406492	492	516	2.5	10.45

REPAIR CLAMP 2x3 STUDS DOUBLE BAND LENGTH 200 DUCTILE IRON / STAINLESS STEEL / EPDM**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2b)
- French water agreement **A.C.S. N° 19 MAT NY 092**

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INSTALLATION INSTRUCTIONS**1.3 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.

1.4 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:

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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