

REPAIR CLAMP SINGLE BAND 4 STUDS LENGTH 300mm DUCTILE IRON / STAINLESS STEEL / EPDM

Stainless steel repair clamp 4 studs for drinking water.
Stainless steel AISI 304 insert and EPDM gasket.
For rigid pipes (PE, PVC, carbon steel and ductile iron).



Size : DN48 to DN285
Connection : For rigid pipes
Min Temperature : -10°C
Max Temperature : +60°C (for temporarily use)
Max Pressure : 16 Bars max up to DN198/210
Specifications : EPDM gasket
Stainless steel insert
4 Studs
300 mm long

Materials : AISI 304 insert

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SPECIFICATIONS :

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

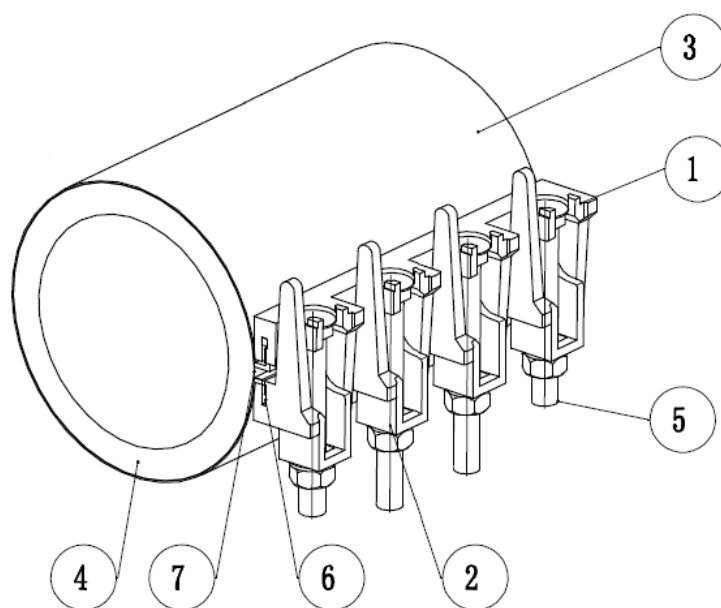
USE:

- Drinkable water
- Min and max Temperature Ts : - 10°C to + 60°C (for temporarily used)
- Max pressure Ps : see dimension table page 3

RANGE :

- Repair clamp single band 4 studs, length 300 mm with EPDM gasket **Ref. 1408** from DN 48 to DN 285

MATERIALS :



Item	Designation	Materials
1	Upper lug	Ductile iron EN GJS-450-12
2	Lower lug	
3	Band cover	AISI 304
4	Seal gasket	EPDM
5	Bolts	Carbon steel Geomet 500 Grade B coated Class 8.8
6	Located pin	AISI 304
7	Connect plate	

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SIZE AND BOLTING TIGHTENING TORQUES :

Ref.	Ø external pipe		Bolting tightening torques (Nm)	Ps (Bar)	Weight (Kg)
	Mini	Maxi			
1408048	48	56	50	16	5.39
1408056	56	64			5.25
1408060	60	68			5.46
1408068	68	78			5.52
1408078	78	88			4.5
1408088	88	98	60		6
1408098	98	108			5.88
1408108	108	118			5.95
1408114	114	126	60 or 70*		6.09
1408126	126	138			6.44
1408138	138	150			6.58
1408140	140	153	60 or 90*		6.9
1408150	150	162			6.72
1408162	162	174	70 or 90*		6.86
1408168	168	182	70 or 100*		6.93
1408174	174	186			7.14
1408186	186	198	70 or 120*	10	7.63
1408198	198	210			7.28
1408210	210	223			7.7
1408222	222	234			7.56
1408234	234	246			7.91
1408243	243	255			7.65
1408273	273	285	80 or 120*		7.95

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

REPAIR CLAMP SINGLE BAND 4 STUDS LENGTH 300mm 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° 23 ACC NY 273**

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.