

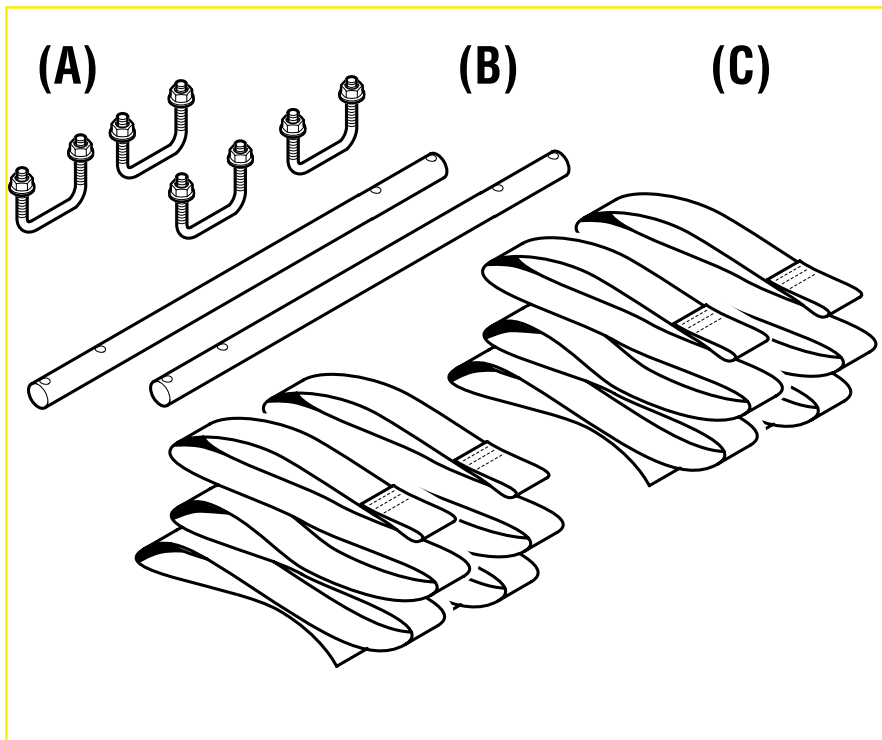
**EICOLT - EIRIP**

**Ø ≥ 8" X 6"**

**EloFIT**

***ASSEMBLY INSTRUCTIONS FOR  
HIGH VOLUME BRANCH SADDLES  
AND REPAIR SADDLES  
WITH BELTS***





Saddles are supplied with the necessary equipment for a complete installation.

THE KIT INCLUDES:

**(A)** nr.4 threaded fork pivots with nuts

**(B)** nr.2 metal bars

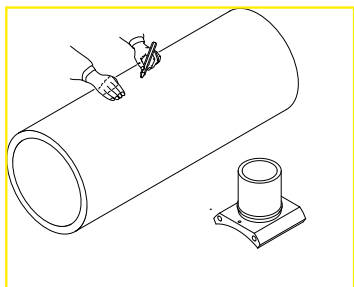
**(C)** a pair of adjustable belts

ATTENTION - The material included in the kit is disposable - it shall be used for one weld only and shall not be re-used as it could affect the result of future installations.

IMPORTANT: The belts are supplied ready for installation. Inclosed there is procedure for their correct insertion inside the buckle in case one end should slip off.

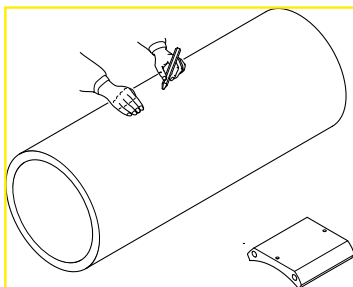
# PREPARATION FOR WELDING

## EICOLT



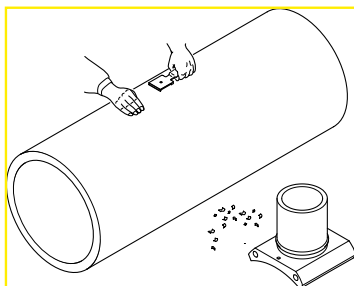
**Fig.1**

## EIRIP

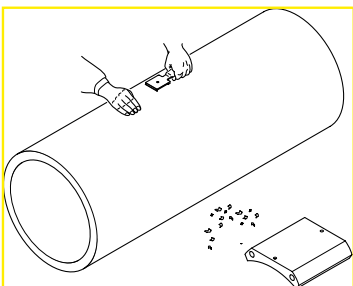


**Fig.1A**

**1.** Mark the welding area on the main pipe with a wax crayon or marker (model OOMARK).

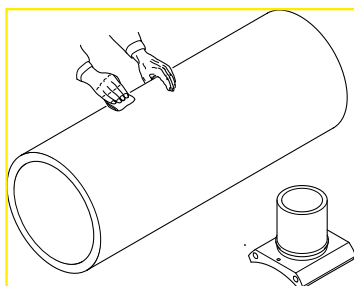


**Fig.2**

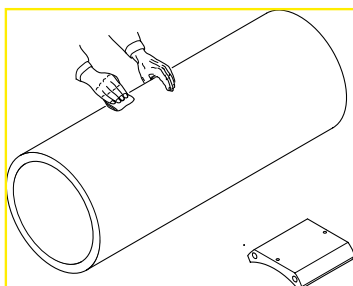


**Fig.2A**

**2.** Scrape carefully the surface of the pipe with a hand scraper to remove the oxidized PE layer.



**Fig.3**



**Fig.3A**

**3.** Clean the external surface of the pipe and the welding area of the saddle with the appropriate approved cleaning solvent and a soft wiping white cloth without any printing.

## EICOLTL

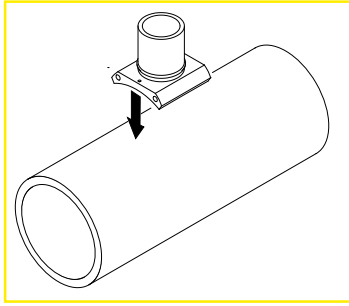


Fig.4

## EIRIP

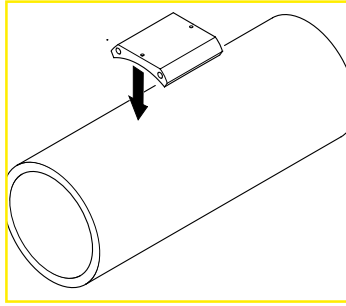


Fig.4A

**4.** Immediately after scraping and cleaning the areas to be welded, install the fitting onto the pipe. Be careful not to contaminate the previously cleaned surfaces.

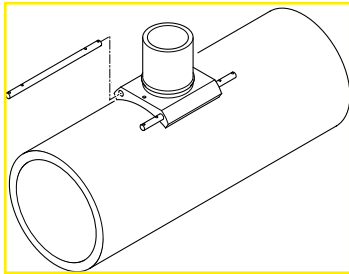


Fig.5

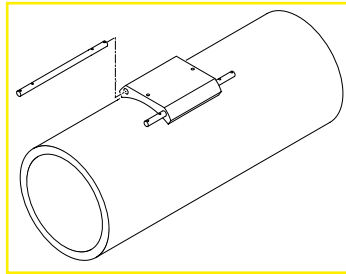


Fig.5A

**5.** Insert the two metal bars supplied in the package in the side holes.

**NEVER PERFORATE THE PIPE BEFORE WELDING.**

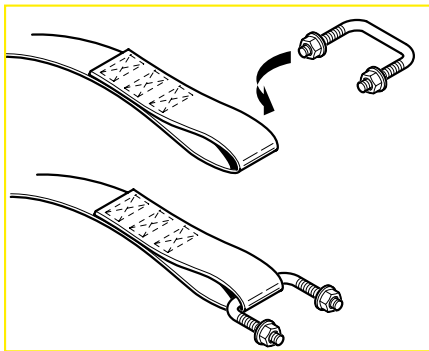


Fig.6

**6.** Insert the four fork pivots into the four slots at the belt ends.

## EICOLT

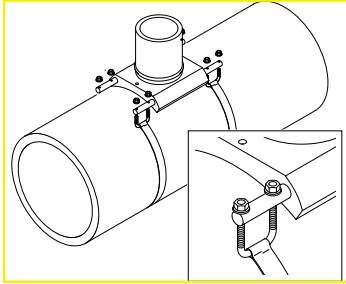


Fig.7

## EIRIP

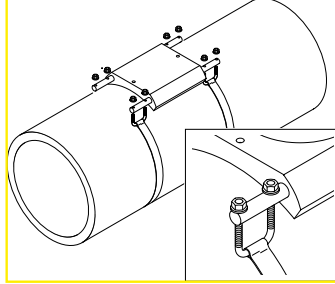


Fig.7A

**7.** Insert a pair of fork pivots into the two parallel ends of the metal bars. Join the four nuts and keep them at the end of the threads (don't tighten them). Repeat this operation using the second pair of fork pivots.

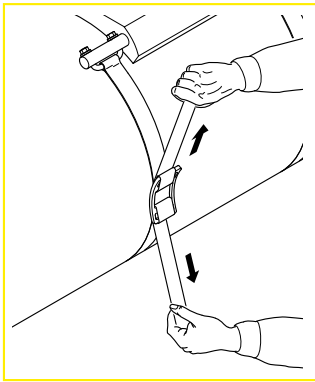


Fig.8

**8.** Pull the free belts outwards (across the pipe axis) until the band perfectly fits to the pipe.

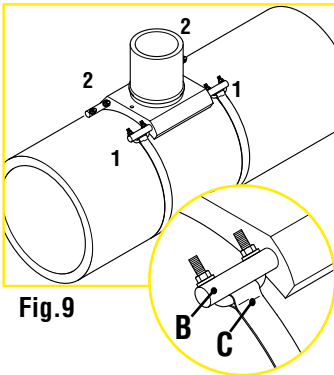


Fig.9

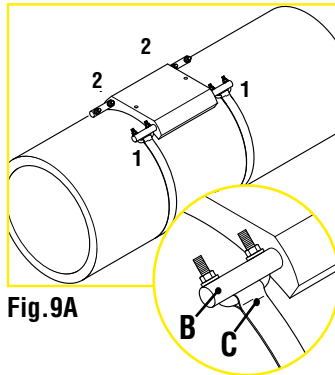


Fig.9A

**9.** Tighten the nuts completely using a wrench until the metal bar **(B)** and the belt **(C)** are touching. Check that the belts are properly tight. Important: tighten the nuts of the first bar **(1)** and then those of the second bar **(2)**. The saddle must fit the pipe.

# WELDING

## EICOLTL

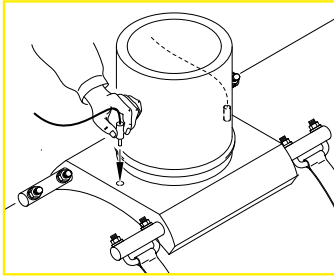


Fig.8

## EIRIP

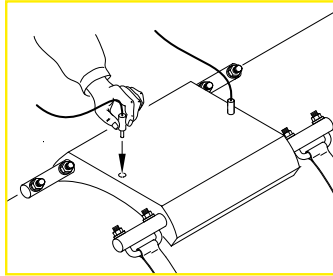


Fig.8A

**10.** Connect the two cables of the electrofusion machine to the connectors of the branch saddle, scan the barcode with the barcode scanner or enter the welding parameters manually. After completing the welding process, verify that no material has leaked out of the joint between the pipe and the fitting and wait for the completion of the cooling time indicated on the barcode.

**11.** Start the pressure test.

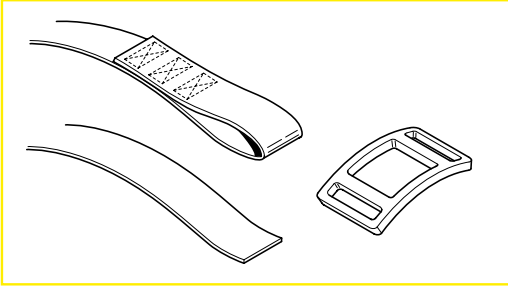
**12.** When the pressure test is over, start the perforation of the pipe with Elofit Drilling Machine or other equivalent.

VERIFY THAT THE DIAMETER OF THE CUTTER IS COMPATIBLE WITH THE INSIDE DIAMETER OF THE SPIGOT. AVOID ANY DAMAGE OF THE SPIGOT DURING THE PERFORATION.

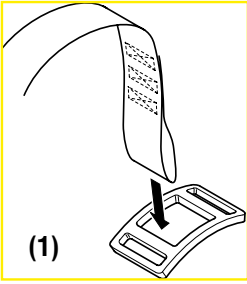
**13.** Connect the service line to the spigot of the outlet, following the installation instructions for that specific fitting.

NEVER PERFORATE THE PIPE BEFORE COMPLETING THE WELDING PROCESS.

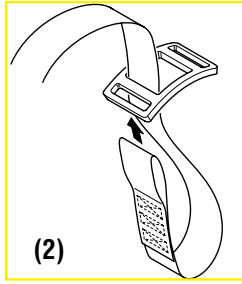
# ASSEMBLY OF THE FIXING BELT



One end of the belt is smooth whereas the other end has a triple stitching forming a ring. The metal buckle has a slight bend, a big central hole and two smaller lateral holes.



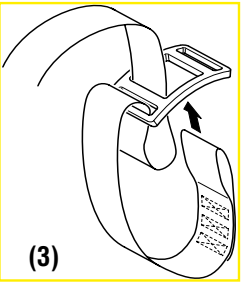
(1)



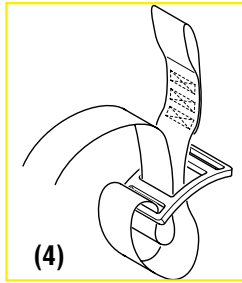
(2)

Insert the part of the belt with the ring inside the central hole from top to bottom **(1)** and then from bottom to top by inserting it in the smaller lateral hole **(2)** and then again from bottom to top inside the big central hole **(3)**.

Repeat the operation with the second band and then again with the second pair of belts.

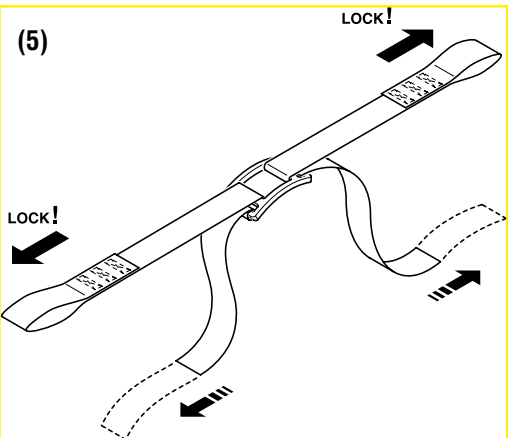


(3)



(4)

Check if the two belts have been inserted correctly by pulling the ends with the rings towards the outside. If the operation has been carried out properly, the bands will not slip and the two smooth ends will be free to move to allow their length to be adjusted.



(5)

If the belts have not been inserted correctly inside the buckle, during the assembly the belts will not be tight enough to complete the welding process correctly.



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***RECCOMENDATIONS FOR THEIR DISPOSAL:***

*POLYETHYLENE USED FOR THIS ACCESSORY IS RECYCLABLE: DISPOSE THROUGH AUTHORISED CENTRES.  
DO NOT DISPERSE WRAPPING AND PACKAGING OF THE PRODUCT, RECYCLE THROUGH COLLECTION.*