

- 1 Mark the welding area with a marker and scrape the pipe surface carefully using a scraper.
- 2 After scraping, remove dirt and grease from the welding area of the pipe and the inside of the saddle, using an appropriate cleaning agent. Wait until the clean parts are completely dry.
- 3 Apply the saddle on to the pipe watching out not to dirty the previously cleaned surfaces (see fig.1).
- 4 Fasten the saddle on the pipe using the **FOUR BOLTS RIGID PLASTIC UNDERCLAMP**: use a wrench to tighten the four screw nuts until top part B and bottom part A come into tight contact (see fig.2).
- 5 Connect the two cables of the electrofusion machine to the connectors of the branch saddle (fig.3). Scan the bar code (see fig.6) with the bar code scanner or enter the welding parameters manually. **ALWAYS CHECK THE WELDING PARAMETERS.**

*For automatic welding units, always check the welding parameters on the barcode (see fig.6). For manual welding please use the time and voltage indicated on the barcode. If the welding unit does not perform welding time compensation according to ambient temperature, use the parameters in the label affixed on the bag (see fig.5). Keep at a safe distance during welding. The company is not responsible for any damage to persons or property if safety rules are not observed.*

- 6 After completing the welding process, verify that no material has leaked out of the joint between the pipe and the fitting. Wait for the cooling time as indicated on the fitting barcode before rough handling.

- 7 At the end of the cooling time it's possible to start the pressure test with the Pressure Sensor. In the following table (TABLE 1) you find the recommended waiting time in MINUTES before starting the test.

- 8 Proceed now with the perforation of the pipe through a specific cutter (see fig.4).

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

- 9 Connect the service line with the spigot of the outlet, following the installation instructions for that specific fitting.

- 10 The underclamp may be removed or left permanently.

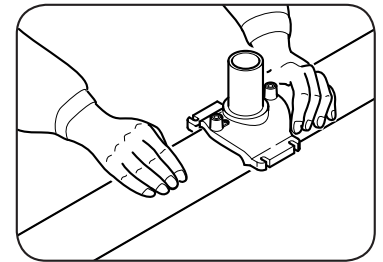


FIG.1

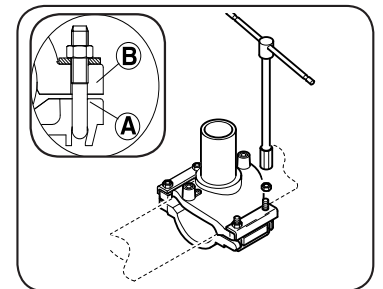


FIG.2

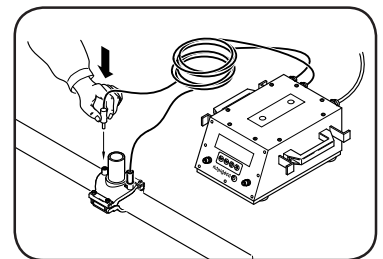


FIG.3

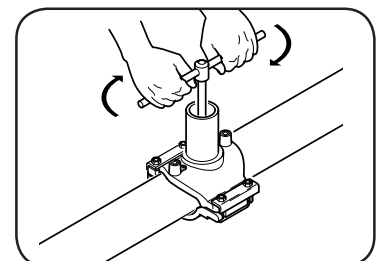


FIG.4

TABLE 1

RECOMMENDED		
WAITING TIME BEFORE PRESSURE TEST START		
Dn pipe inch	P =< 87 PSI	P=< 348 PSI
1" 1/4 - 2"	cooling + 20'	cooling + 30'
2" 1/2 - 12"	cooling + 20'	cooling + 60'

FIG.5 MANUAL WELDING PARAMETERS

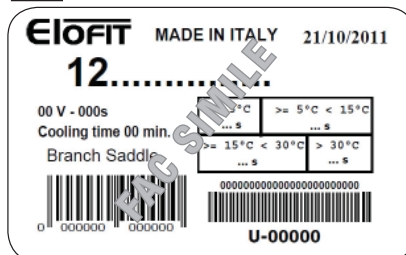


FIG.6 WELDING PARAMETERS



**ATTENTION! NEVER PERFORATE THE PIPE BEFORE COMPLETING WELDING.**

**RECOMMENDATIONS 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.