



# SMARTFLEX™



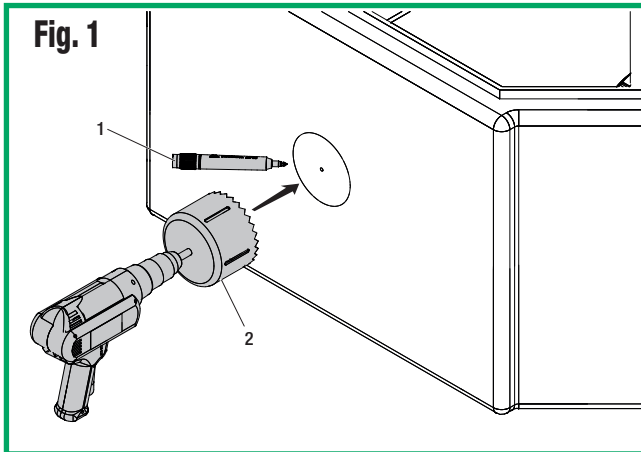
**ASSEMBLY INSTRUCTIONS FOR  
ELECTROFUSION ENTRY BOOTS  
FOR SINGLE AND DOUBLE WALL SYSTEMS  
Model SEBEP**

SEBEP 264en03

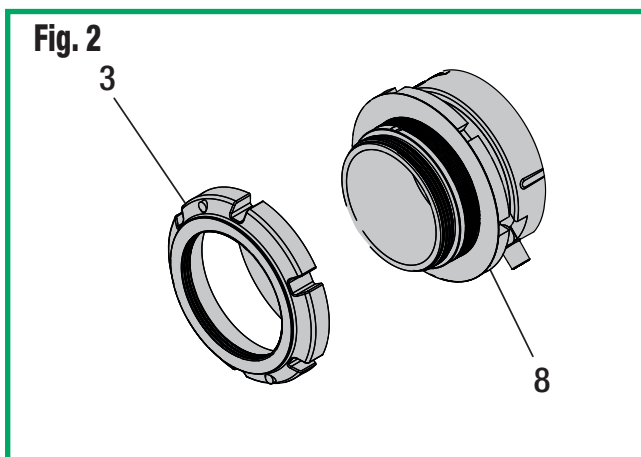


## ASSEMBLY INSTRUCTIONS OF ELECTROFUSION ENTRY BOOT FOR SINGLE AND DOUBLE WALL SYSTEMS

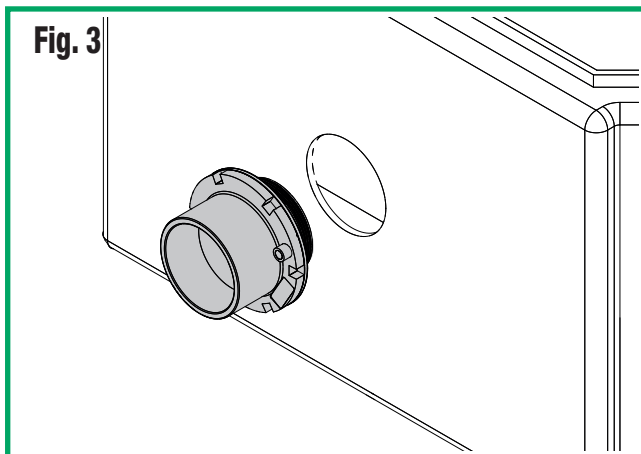
### Model SEBEP



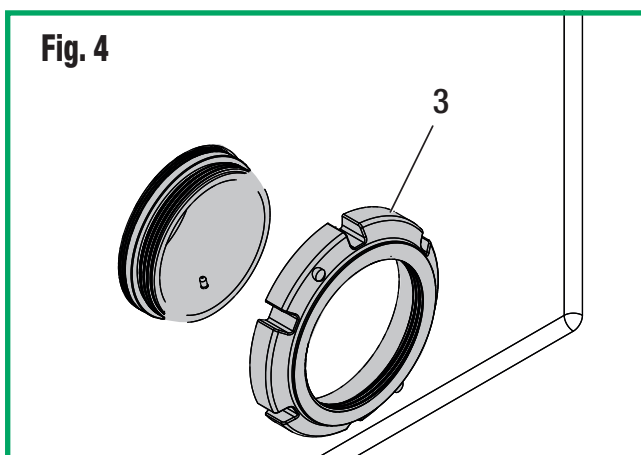
Assemble the mandrel (2) (Model SMAN) and the hole saw (Model STAZ) and insert them into the power drill. Mark (1) the position along the long side of the sump where the entry boot (Model SEBEP) is to be installed. Now drill the required hole through the wall of the sump. Repeat the procedure if more than one entry boot is to be installed.



Remove the threaded ring (3) from the body of the entry boot (8).



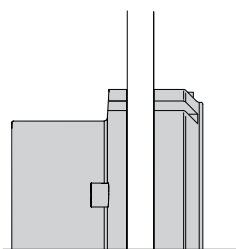
Place the entry boot into the hole previously made.



Assemble the threaded ring (3) on the threaded part of the entry boot crossing the sump wall.

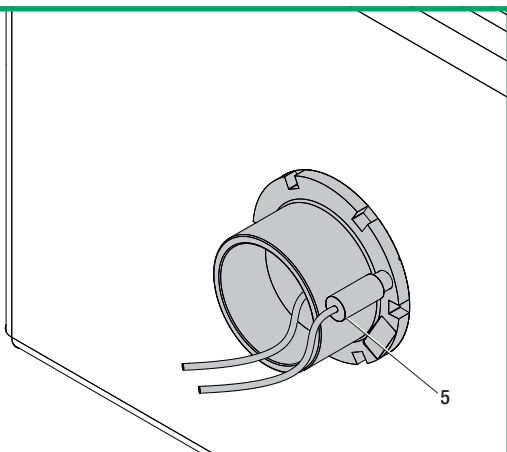


**Fig. 5**



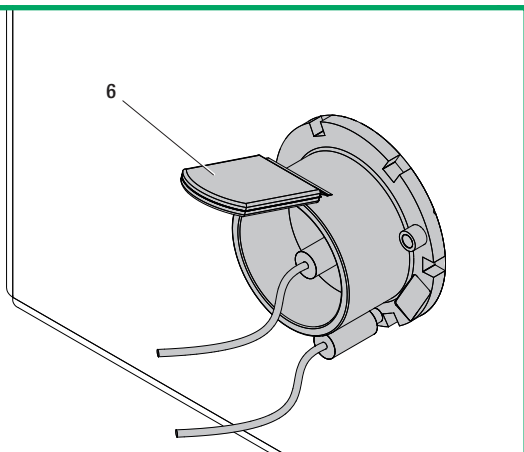
Check the correct tightening (you can use the wrench Model 00CHIAVE to ensure correct tightening).

**Fig. 6**



Use the connectors (5) to weld the entry boot by scanning the bar-code sticker and following the instructions shown on the welding unit's display.

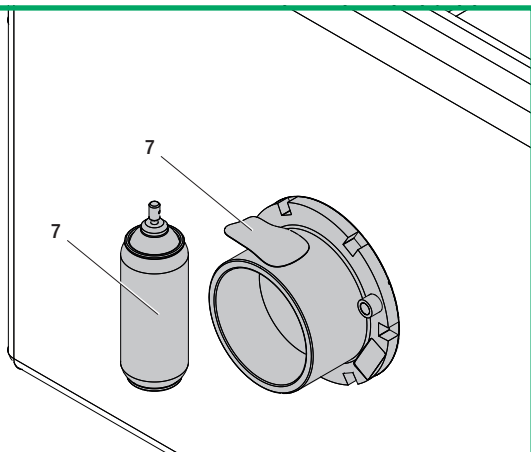
**Fig. 7**



**For ø 125** - Once the SEBEP has been welded on the sump, the welding pin located inside the fitting shall be removed by using bolt cutters or pliers, so that the secondary pipe can be passed through the inside of the fitting.

Use the manual scraper (6) (Model RAM1 or RAM2) to scrape the surface of the entry boot spigot.

**Fig. 8**

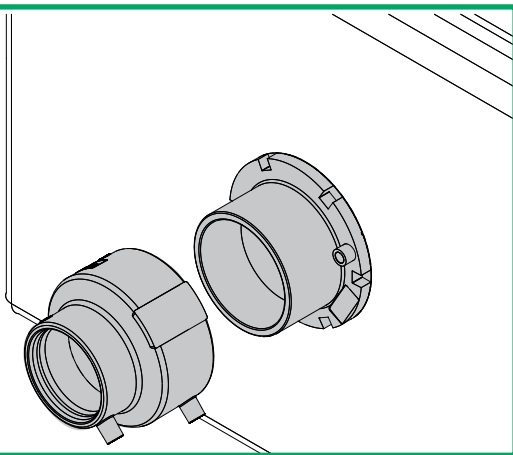


Clean the scraped surface and the inside of the reducer with a clean cloth soaked with a recommended cleaning solvent (Model LID1).

**NOTE:** The following solvents may be used, **Acetone, Isopropyl Alcohol, Trichloroethane and Dichloromethane**. Their grade must be of the CABs/industrial type and they must not contain traces of water or oil. The use of other primers or solvents is not allowed.

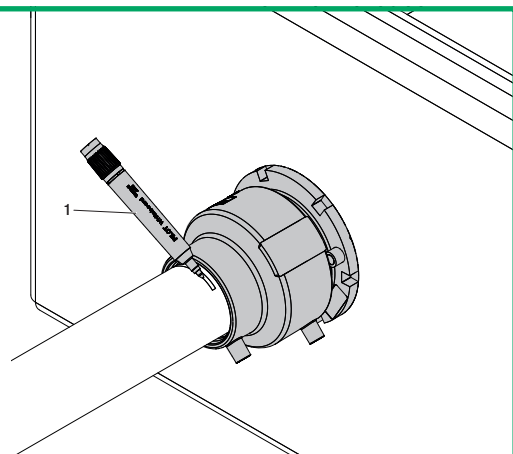


**Fig. 9**



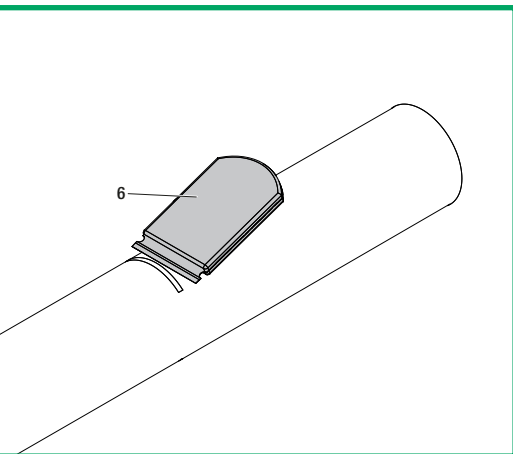
Place the reducer onto the entry boot spigot.

**Fig. 10**



Insert the pipe through the entry boot and place it in the correct position. Use the appropriate marker (1) (Model MARK) to indicate the position at the contact point between the pipe and the reducer on the outside surface of the primary and/or secondary pipes.

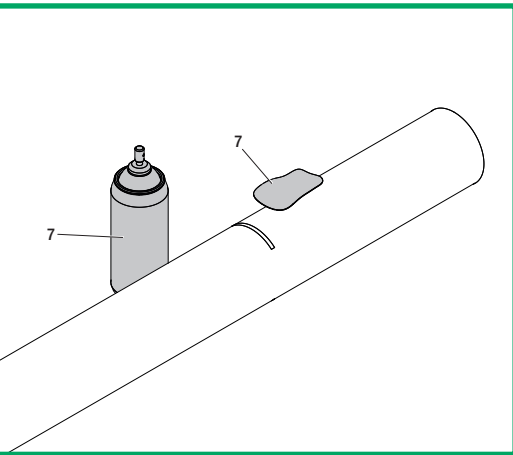
**Fig. 11**



Remove the pipe then scrape its surface using the manual scraper (6) (Model RAM1 or RAM2) where the welding process is to be undertaken. Scrape a distance of 50 mm or greater.

**NOTE:** For a correct installation of the **SUPERSMARTFLEX** pipe, ensure to **SCRAPE AND COMPLETELY REMOVE THE GREEN OUTER LAYER** from the primary pipe until the black polyethylene layer is clearly visible on the outside of the pipe. The omission of this step can cause a weld to fail.

**Fig. 12**

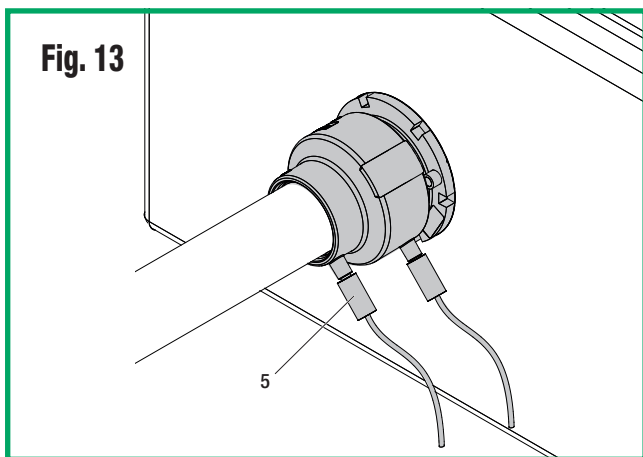


Clean the scraped surface with a clean cloth soaked with a recommended cleaning solvent (7) (Model LID1).

**NOTE:** The following solvents may be used, **Acetone, Isopropyl Alcohol, Trichloroethane and Dichloromethane**. Their grade must be of the CABs/industrial type and they must not contain traces of water or oil. The use of other primers or solvents is not allowed.



**Fig. 13**





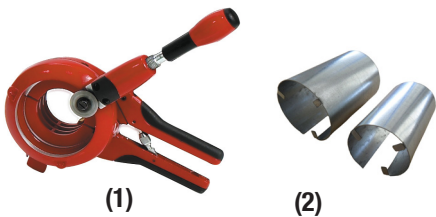








Insert and slide the pipe through the entry boot ensuring to place it in the correct position as marked. Weld the reducer by scanning the barcode sticker and following the instructions shown on the welding unit's display.

**NOTE:** Wait until the cooling down time shown on the barcode has elapsed before performing other operations.



## Recommended tools and equipment necessary for the assembly:

 <p><b>1. TIGHTENING WRENCH</b> (CHIAVE)</p>	 <p><b>7. MANUAL SCRAPER</b> (RAM1 OR RAM2)</p>
 <p><b>2. PIPE CUTTER</b> (SCUT - SCUTDW)</p>	 <p><b>8. ALIGNER</b> (OPTIONAL) (ALL225/4)</p>
 <p><b>3. PROTECTION SLEEVES</b> (SPT)</p>	 <p><b>9. CLEANING SOLVENT OR PRIMER</b> (LID1) and <b>SOFT CLOTH</b></p>
 <p><b>4. PLIERS FOR DOUBLE WALL PIPE</b> (SPLIDW)</p>	 <p><b>10. MEASURING TAPE</b></p>
 <p><b>5. MARKER</b> (MARK)</p>	 <p><b>11. WELDING UNIT</b> (SSEL)</p>
 <p><b>6. UNIVERSAL SCRAPER</b> (RATO OR RAT1A)</p>	





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