

Permasert® Mechanical Repair Couplings

Installation Guide

- 1 The Telescoping Permasert coupling outlet makes repairing a damaged service line easier. The specific length of pipe to be cut out is indicated on the "CAUTION" labeled side of the repair coupling and in the instructions included with the repair coupling.

- 2 Wipe the remaining pipe ends with a dry, clean cloth. Inspect the last several inches of the pipe ends for damage. Use the Elster Perfection chamfering tool for a proper O.D. chamfer. This chamfer permits the pipe to be completely stabbed without affecting the internal seals.

- 3 Mark stab depths at the proper distance from the chamfered ends. The stab depth is determined by measuring the distance from the end of the coupling outlet to the second fusion bead on the "CAUTION" labeled end of the coupling, and to the fusion bead on the opposite end.

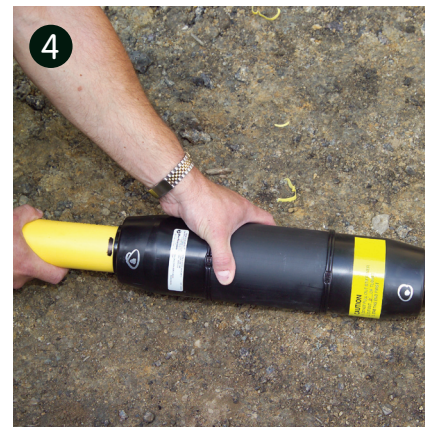
Note: DO NOT pull out stiffener, this will make the coupling outlet nonfunctional.

- 4 Stab a pipe end into the "CAUTION" labeled end of the coupling so that the stab depth mark is just visible. The pipe end must bottom out in the coupling.

Note: "CAUTION" labeled end MUST be stabbed first.

To complete the second stab, the Permasert's telescoping stiffener allows the coupling to slide toward the other pipe end and stab the coupling. The stab depth mark on this side will look just like all other Permasert couplings, just visible. Notice how the stab depth mark is several inches away from the coupling on the "CAUTION" labeled end due to the telescoping stiffener.

Pressure test the finished joint according to your standard operating procedure.



About Elster

Elster Group is the world's leading manufacturer and supplier of highly accurate, high quality, integrated metering and utilization solutions to the gas, electricity and water industries. In addition, through its subsidiary Ipsen International, it is the leading global manufacturer of high level thermo-chemical treatment equipment.

The group has over 7,000 staff, operations in 38 countries and serves over 115 markets around the world. Elster's high quality products and systems reflect the wealth of knowledge and experience gained from over 170 years of dedication to measuring precious resources and energy.

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