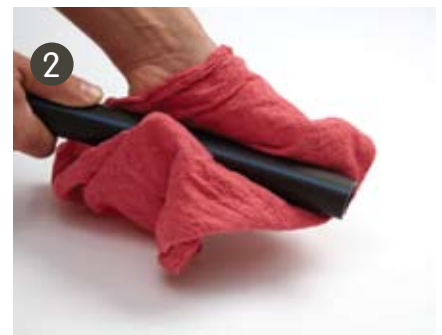


# Hydrosert® Mechanical Couplings

## Installation Instructions

- 1 Cut the PE piping so that the end is square.
- 2 Wipe with a clean dry cloth. Inspect the last several inches of PE piping for damage. If any, cut again to remove damaged area.
- 3 Use the Elster Perfection chamfering tool for a proper O.D. chamfer. This chamfer permits the PE piping to be completely stabbed without affecting the internal seals. The Elster Perfection chamfer tool is available with a "flow through" hole for live water installations.
- 4 Use a soft felt tip pen, crayon or grease pencil to mark the stab depth as indicated on your Hydrosert package instructions. The stab depth is the approximate distance from the edge of the fusion bead to the end of the fitting body.



- 5 Stab the PE piping into the Permasert fitting so that the stab depth mark is visible:
  - Within 1/8" of moisture seal on 1/2" CTS and 1" CTS sizes
  - Within 1/4" on all other sizes through 1-1/4" CTS
  - Approximately 3/8" on 1-1/4" IPS and 2" IPS sizes



The PE piping must bottom out in the fitting. Pressure test the joint in accordance with your standard procedures. The reference mark can move outward up to an additional 3/8" during pressure testing.



## About Elster

A world leader in advanced metering infrastructure, integrated metering, and utilization solutions to the gas, electricity and water industries, Elster's systems and solutions reflect over 170 years of knowledge and experience in measuring precious resources and energy.

Elster provides solutions and advanced technologies to help utilities more easily, efficiently and reliably obtain and use advanced metering intelligence to improve customer service, enhance operational efficiency, and increase revenues. Elster's AMI solutions enable utilities to cost-effectively generate, deliver, manage, and conserve the life-essential resources of gas, electricity, and water.

Elster has over 7500 staff and operations in 38 countries in North and South America, Europe, and Asia.

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