



# PE PIPE CUTTER OPERATIONS

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PAGE: 1 OF 1

## 1 SCOPE

This manual defines the procedures for proper use and care for polyethylene (PE) pipe cutters. These cutters are used in the process of installing plastic piping networks. The cutters are used to prepare the pipe for joining operations.

## 2 PRODUCT DESCRIPTION

The cutters are ratcheting shears that cleanly cut the pipe in a single cut. No burrs or shavings are created when used. Blades of the cutter are sharp and can cause bodily harm or damage to equipment. The table below lists the part numbers for all the available sizes. Operation of these cutters is the same for all sizes. The cutters should be kept clean and in good working order. It is recommended to carefully store them between uses to minimize the risk of damage.



Table 1: Available sizes

NPS Sizes	Part Number
1/2 CTS - 1-1/4 IPS	88415005
1/2 CTS - 2 IPS	88415047

## 3 OPERATION

1. No matter the material, measure the diameter of the pipe or tube to be cut to ensure that you use the right-size PE Pipe cutter for the job.
2. When determining how to make a straight cut, use a tape measure and a pencil or other writing instrument to mark on the surface where you want to cut. If possible, mark around the circumference of a pipe.
3. Ensure that a cut is as straight as possible by securing the pipe to keep the length from shifting out of place while cutting.
4. With ratchet-style cutters, arrange the blade over the mark, then squeeze and release the handle. Continue the ratcheting action until the pipe is severed into two pieces.

### Document History:

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