

# OETIKER Installation Instructions



## Installation Instructions for Ear Clamps

### Installation Examples

Position a properly-sized ear clamp on the hose fitted with a hose stem. Close clamp ear fully.

The careful selection and installation of OETIKER clamps is of the utmost importance for their performance in a specific application. This brief description is intended only as an initial guide to the most important points. For detailed information on selection and installation, please see the technical data sheet for the relevant product group.

OETIKER will be happy to help you to make the right choice for your specific application, If you provide us with the relevant application samples and as much information as possible about your application, we can recommend the best product type, diameter and installation to suit your needs.

### Installation

Only OETIKER recommended tools should be used to close OETIKER clamp ears, and they should be closed with a uniform, recommended force. The closing force must be the parameter that determines when closure is complete. This method ensures positive stress on the hose which does not result in excessive compression or expansion of the band material. The visible deformation of the clamp ear provides a visible and instant check that closure has been carried out.

Please note that, unless otherwise stated, OETIKER Clamps and Rings can be used only once. Once removed, they can no longer be reused and should be discarded.

### Radial and axial installation of Clamps

Individual variants of the closure geometry of Stepless® Ear Clamps enable larger diameters to be opened so that they can be installed radially. This enables them to be used on parts which are already installed or assembled – i.e. for repair and maintenance work.



Using standard jaw pincer for Ear Clamps



When space is restricted, use a side jaw pincers and hold it parallel to the hose during closure



Using an OETIKER Pneumatic Pincer



To remove a clamp, place the pincer jaws across the ear and cut through it



To remove a Stepless Ear Clamp, grasp the strip end with the pincer and pull it away

