

# OETIKER 1-Ear Clamps

Product Group **153 & 154**



## Features

- Fast, simple and safe installation
- Specially deburred edges reduce the risk of damage to the part being clamped
- Tampering is visible

## With Insert

- For small diameters from 2.9 mm
- Curled insert bridges the gap below the clamp ear and thus provides an effective all-round seal



With Insert

## 1-Ear Clamps

OETIKER 1-Ear Clamps are commonly used where a minimal protrusion and a small clamping range is essential.

They are well suited for Original Equipment Manufacturing (OEM) and Maintenance Repair and Overhaul (MRO). They are also suitable for use with rubber hoses, plastic tubing, electrical cables, welding hoses and other materials.

## Material

– **153** Stainless Steel, Material no. 1.4301 / UNS S30400

## Size range

3.3 - 30.7 mm

## Installation

See page 27 and Technical Data Sheet.

## Application Example

Food and Beverage industry

## 1-Ear Clamps with Insert

OETIKER 1-Ear Clamps with Insert are ideal for demanding hose or tubing clamping applications involving soft or hard rubber or plastic materials. The insert bridges the gap below the clamp ear and its curled edge prevents cutting or other damage to the hose.

The thin insert has an oval outward dimple which is positioned precisely under the clamp ear, effectively preventing material from being lifted into the ear gap during clamp closure, something which often happens with soft hose material. This double dimple combination in both insert and clamp creates a strong all-round effective compression seal.

This type of clamp is especially suited for use in the automotive industry, medical technology and with electrical and electronic components.

## Material

– **154** Clamp:

Stainless Steel, Material no. 1.4301 / UNS S30400

Insert:

Stainless Steel, Material no. 1.4310 / UNS S30100

## Size range

2.9 - 30.0 mm

## Installation

See page 27 and Technical Data Sheet.

The OETIKER System has the ear with a dimple. As the geometry of the closed ear is kept very low, clamping force is increased and creates a spring effect when the hose material expands or contracts in response to thermal or mechanical influences such as temperature, vibration, etc.

For detailed information, please request the Technical Data Sheet for this OETIKER product group. Send your sample parts and all relevant information for your specific application to OETIKER, and you will receive our recommendation for product type, diameter, and method of installation.

Original size