

OETIKER Clamps and Rings System OETIKER



OETIKER Ear Clamp with Dimple – the Original

The OETIKER System has the ear with a dimple. As the geometry of the closed ear is kept very low, the 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.

Condition of the Steel Edge

The independent strip processing facilities apply stringent controls to ensure that bandsteel edges are smooth. This greatly reduces the potential for damage to the hose material.

Tolerance Compensation

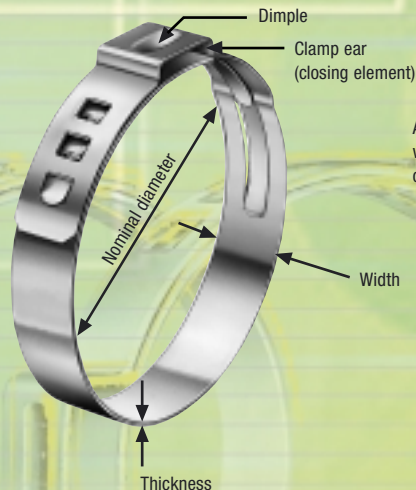
By closing the clamp ear with a recommended, uniform force – with force priority – component tolerances within the working range of a Stepless® Ear Clamp can be compensated. To achieve this, the ear gap must vary according to the actual size of the parts. For perfect sealing, ear clamps must be closed correctly. For detailed information, please see the Technical Data Sheet for the relevant product group.

Dimensions, Identification and Ordering

OETIKER Clamps and Rings are manufactured to metric dimensions. For identification purposes, the nominal diameter is stamped on each product. For example, “145” stands for an open (nominal) clamp diameter of 14.5 mm.

As a general rule, a nominal diameter should be chosen so that the outside diameter of the elastic hose (when assembled onto the connecting part e.g. hose stem) lies slightly over the middle of the clamping range (see Technical Data Sheet or price lists of OETIKER Clamps and Rings).

Tolerance Compensation
and the ability to influence the radial force by using force-priority installation for Stepless® Ear Clamps



Always quote the 8-digit part number when ordering (see Technical Data Sheet or price lists of OETIKER Clamps and Rings)

For detailed information, please request the Technical Data Sheet for the relevant OETIKER product group.

