

OETIKER Stepless® Low Profile Clamps

Product Group **168**



Features

- Low installed height – minimum space requirement
 - Reusable, can be installed axially or radially
 - Minimal imbalance on rotating parts
 - 360° Stepless® Design – no steps or gaps in inner circumference
 - Specially formed strip edges reduce the risk of damage to the part being clamped
 - Visual check that clamp is closed
- With Type 1 Tolerance Compensation**
- Tolerance-compensation element provides a degree of compensation for the manufacturing tolerances of parts being joined



With Type 1 Tolerance Compensation

OETIKER Stepless® Low Profile Clamps have been specially developed for applications where space or clearance is restricted. They have a low installed height in the closure area, and can be supplied in very small nominal diameter steps. They can be installed axially or radially, and are also reusable – they can be repeatedly opened and reinstalled, e.g. in the vehicle industry for service and maintenance work.

OETIKER Stepless® Low Profile Clamps do not have the same spring properties as OETIKER Ear Clamps. Their sealing performance depends mainly on the forces generated by compressing the elastic material of the part being joined.

Stepless® Low Profile Clamps With Type 1 Tolerance Compensation

OETIKER Stepless® Low Profile Clamps with Type 1 Tolerance Compensation can accommodate small size variations that result from the tolerances of parts being joined. The single, wave/shaped tolerance-compensation element becomes effective when the end of the clamp strip cannot be engaged, because the deviation in the size of the part that is to be clamped is too great.

Material

- **168** Stainless Steel, Material no. 1.4301 / UNS S30400
- Other materials available on request

Size range

10.5 - 19.0 mm
19.5 - 110.0 mm
19.5 - 120.0 mm
25.0 - 120.0 mm

Width x Thickness

9.0 x 0.5 mm
7.0 x 0.6 mm
9.0 x 0.6 mm (with Type 1 Tolerance Compensation)
9.0 x 0.6 mm

Customer-specific sizes available on request.

Installation

See Technical Data Sheet.

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.

Application Example

Drive shafts

Note on ordering:

Low Profile Clamps are, unlike Ear Clamps, marked with the nominal, closed diameter on the clamp strip, e.g. 195 – for a clamp with a closed diameter of 19.5 mm.

Application Example

Protective equipment