

OETIKER Stepless® Low Profile Clamps 192

Product Group **192**



OETIKER Stepless® Low Profile Clamps 192, with tolerance compensation features accommodate dimensional variations in the parts being clamped, also when applying high radial forces. In addition, the flexible tolerance-compensation elements, consisting of up to six convolutes in the strip material are designed to allow for minor diameter changes caused by temperature variations and/or the effects of vibration.

Besides rotating applications, OETIKER Stepless® Low Profile Clamps 192 are suitable for securing the dust covers on shock absorbers, cooling and heating systems, air-springing systems, etc. The Product Group 192 is customised for specific applications and is produced with small diameter graduations. They are installed using special OETIKER tooling to ensure optimum connections in numerous industrial applications.

Note on ordering:

Low Profile Clamps 192 are identified with the nominal closed diameter, e.g. 69.5 – for a closed diameter of 69.5 mm.

Material

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

Size range	Width x Thickness	Tol. Element
28.0 - 120.5 mm	10.0 x 0.8 mm	3-times
34.0 - 120.5 mm	10.0 x 0.8 mm	6-times

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.

Features

- Tolerance-compensation convolutes allow for variations in component tolerances
- Designed to allow for minor diameter changes caused by temperature variations and/or the effects of vibrations
- 360° Stepless® Design – no steps or overlaps in inner circumference
- Low installed height – minimum space requirement
- Minimal imbalance on rotating parts
- Specially formed strip edges reduce the risk of damage to the part being clamped
- Simple, safe installation

Application Example

Cooling system connections



Application Example

Drive shafts

