

ToothLock® Low Profile Clamps 292

Ultra low profile,
outstanding clamping performance



Passenger
Cars

Driveshaft Systems



Reliable Connections

ToothLock® Low Profile Clamps 292

Ultra low profile,
outstanding clamping performance

Toothlock® Low Profile Clamp 292 combines optimum compression performance, ultra low profile design, 360° uniform seal, and ease of installation for powerful clamping performance.

Interlocked with its teeth, the distinctive "ToothLock®" technology offers extremely high and permanent compression rates. The innovative "CrossTech®" feature provides an ultra low profile design.

Together with simple and reliable installation, the ToothLock® Low Profile Clamp 292 is the optimum solution for large diameter drive shaft applications where superior sealing performance along with space-efficient design is required.

Applications

- Driveshaft (Constant Velocity Joint)

Learn how a global supplier solved their pain points with ToothLock® Low Profile Clamps 292! Watch the video.



<https://bcove.video/3yoyPoG>

ToothLock® Low Profile Clamps 292



ToothLock®



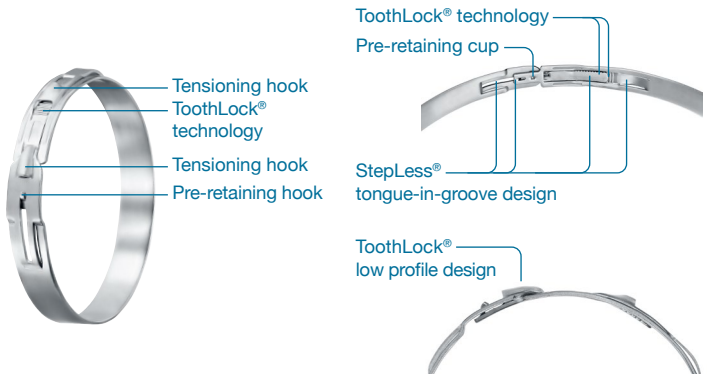
CrossTech®



StepLess®

Benefits

- Outstanding clamping performance
- Strong sealing qualities
- Highly space-efficient
- Assembly-friendly and reliable



ToothLock® technology: very high and permanent compression, superior radial load performance, highly pressure and expansion resistant

CrossTech®: ultra low profile design, very low imbalance on rotating parts

StepLess®: uniform compression, powerful all-round seal, withstands thermal stress, shock- and vibration- resistant

Burr-free strip edges: reduced risk of damage to parts being clamped

Pre-retaining cup: visual clamp closure verification

Assembly-friendly and reliable: extended diameter range, time-saving and process reliable assembly

Technical Data

Material

Stainless Steel, material no. 1.4301/UNS S30400

Corrosion resistance according to DIN EN ISO 9227
 ≥ 1000 hours

Size range	width x thickness
57.5 – 118.0 mm	10.0 – 1.0 mm

Sizes

Some sizes are only available if an appropriate minimum quantity is ordered.

Assembly

Electronically Controlled Pneumatic Pincer Oetiker ELK 02

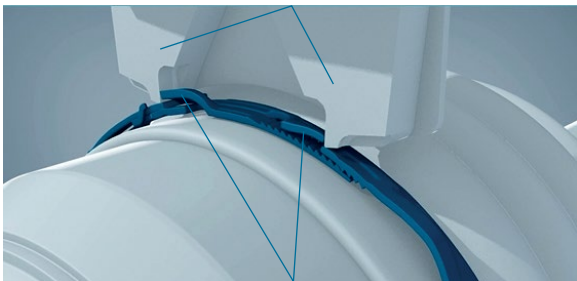
For high-volume assembly, Electronically Controlled Pneumatic Pincers provide complete process monitoring and traceability.



Clamping Tool with Torque Wrench



Pincer jaws (cutaway)



Tensioning hooks

Peace of Mind

from our 360° solution approach

For a driveshaft system to perform at its best it needs a connection that is lightweight and space efficient. We provide our customers with clamps and rings that address these performance demands, as well as meet specific assembly requirements.

As the number one provider of connections for driveshaft systems, customers count on Oetiker to provide peace of mind for a wide range of proven automotive connections. Pioneering reliable fastening components for over 80 years, we design, test and deliver high quality connecting and assembly solutions that are simpler, smarter and stronger than ever before.

