

Reliable Connections for Driveshaft Systems



High performance
Assembly friendly
Space efficient

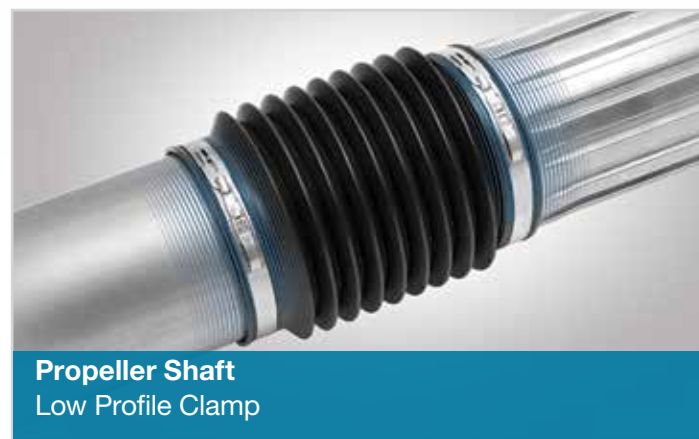
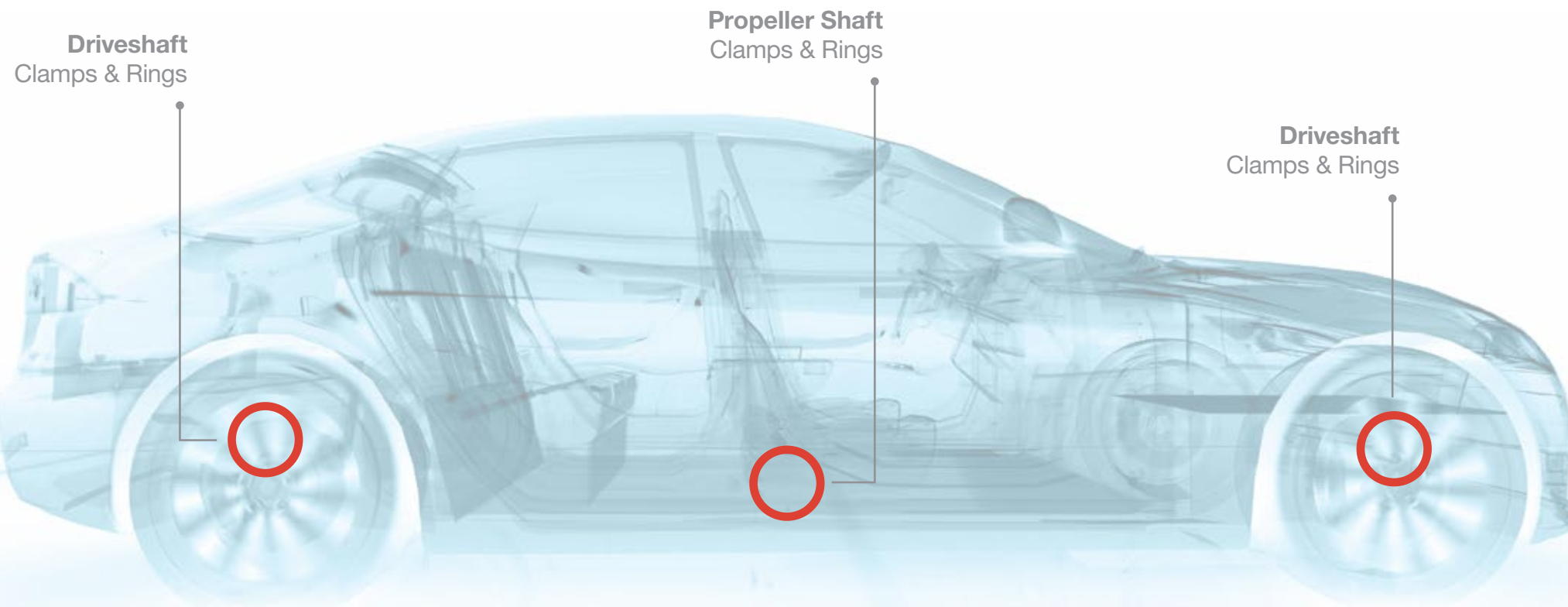


Reliable Connections

Tailored solutions

Engineered for reliability

Our quality is confirmed on more than 90 million vehicles annually and featured on virtually every vehicle manufactured globally.



Global Customer Support

For all Phases of Development

Advanced Engineering

- Consultative engineering
- Dedicated localized support
- Rapid prototyping and machining
- CAD modeling & 3D printing

Early Development

- Technical design analysis
- Custom-build solutions
- Tailor-made prototypes
- Functional testing

Systems Integration

- Advanced testing & validation
- Assembly solution engineering
- Tailored assembly tools
- Pre-production support

Production

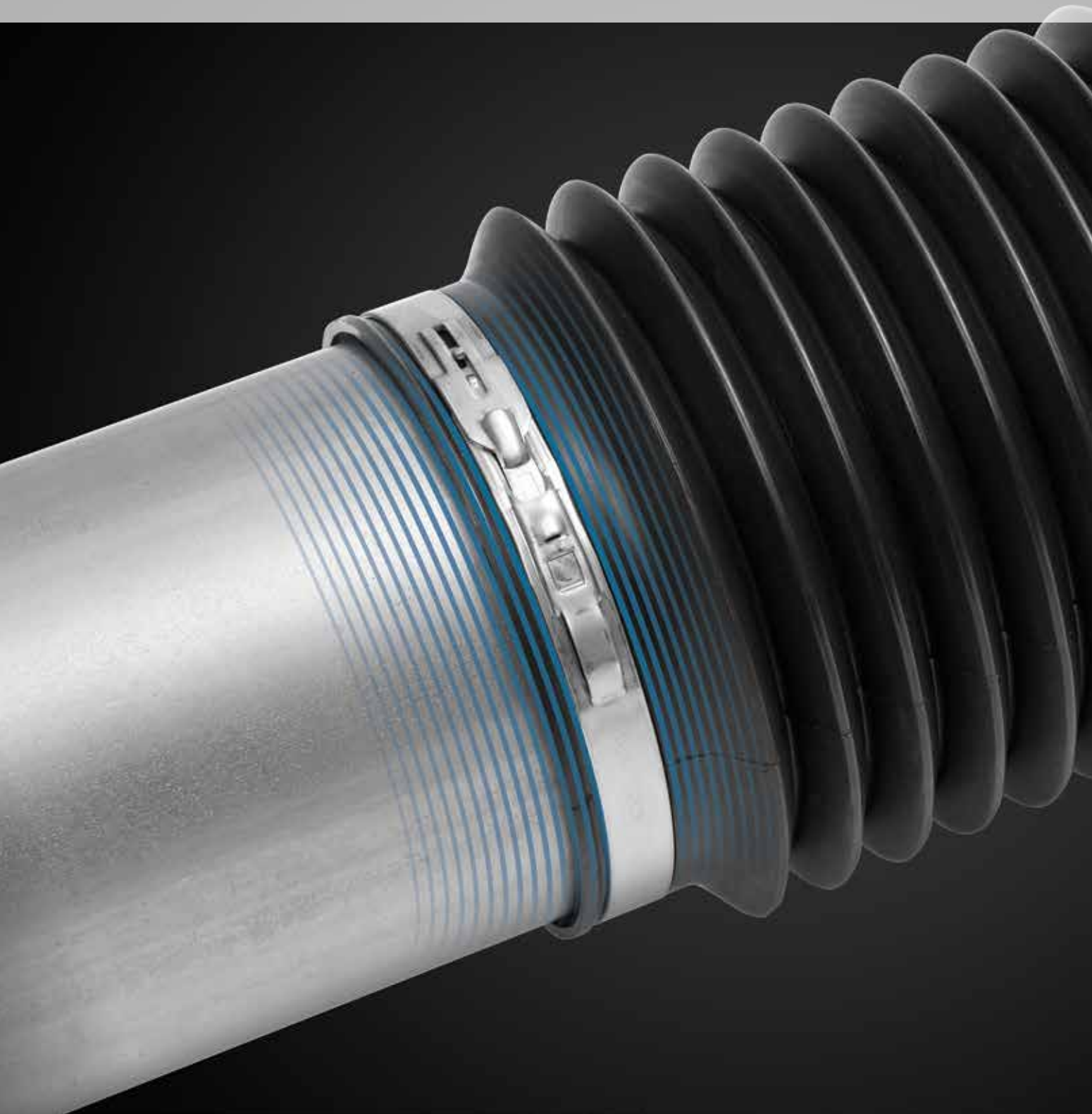
- Global quality assurance
- Worldwide production
- On-site technical support
- Commissioning & maintenance

Support & Maintenance

- Tool training and assistance
- Assembly validation
- Maintenance and calibration
- Tool and software upgrades

GLOBAL FOOTPRINT AND LONG-TERM COMMITMENT

With 14 manufacturing facilities worldwide producing more than 2 billion connections per year in over 30 countries, Oetiker is the trusted, global, long-term partner of the world's leading OEMs.



DRIVESHAFT CONNECTIONS



ToothLock® Low Profile Clamp 292

Stainless steel
57.5 – 118 mm

High and permanent compression rates with outstanding expansion resistance. Ultra low profile design supports very low imbalance on rotating parts. Uniform 360° compression and surface pressure. Process reliable assembly with visual clamp closure verification.



StepLess® Low Profile Clamp 192

Stainless steel
19.5 – 120.5 mm

Low profile design includes tolerance compensation elements to allow for variations in component tolerances. Includes 360° leak-proof seal.



Multi Crimp Ring 250

Stainless steel
15.0 – 120.5 mm

Low profile design that is suitable for minimum space requirements and no imbalance on rotating parts. Full material cross-section over 360° for constant pressure applied uniformly around the circumference, offering leak-free sealing with a low assembled height.



Multi Crimp Ring 150

Aluminum
24.5 – 120.0 mm

Lightweight, low profile design that is suitable for minimum space requirements and no imbalance on rotating parts. Full material cross-section over 360° for constant pressure applied uniformly around the circumference, offering leak-free sealing with a low assembled height.



StepLess® Ear Clamp 193

Stainless steel
18.0 – 120.5 mm

Provides a 360° leak-free seal. Lightweight, strong, tamper-proof design. Offers high radial loads and compensates for component tolerances.

PEACE OF MIND FROM RELIABLE CONNECTIONS

Assembly tool and maintenance support are managed through dedicated in-house service teams, ensuring driveshaft connections are installed properly every time during production.



ASSEMBLY TOOLS



Swaging Tools

For high-volume installation of Multi Crimp Rings.

- Available interlocking swaging segments guarantee uninterrupted 360° compression
- Fully reliable assembly process
- Electronic process data tracking capability



Pneumatic Pincers

For high-volume assembly of Ear Clamps and Low Profile Clamps.

- Highly efficient
- Process reliable
- Closure verification
- Ergonomic pistol grip (optional)



Cordless Pincers

For assembly of Ear Clamps, Low Profile Clamps, Multi Crimp Rings (MCR)

- Flexible cordless design
- Process reliable
- Closure verification
- Ergonomic design



Hand Installation Tools

Manual Assembly Tools for installation of Oetiker products.

- Quick and easy installation
- Exponential gain of mechanical advantage
- Secure grip and comfort
- Reduced fatigue and risk of repetitive injury

Please consult an Oetiker representative or visit www.oetiker.com for a complete range of assembly tool options.

360° solution approach for Driveshaft Systems

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 75 years, we design, test and deliver high quality connecting and assembly solutions that are simpler, smarter and stronger than ever before.

