Holding and Connectivity Solutions.

Secure Cable Retention For Medical Devices.

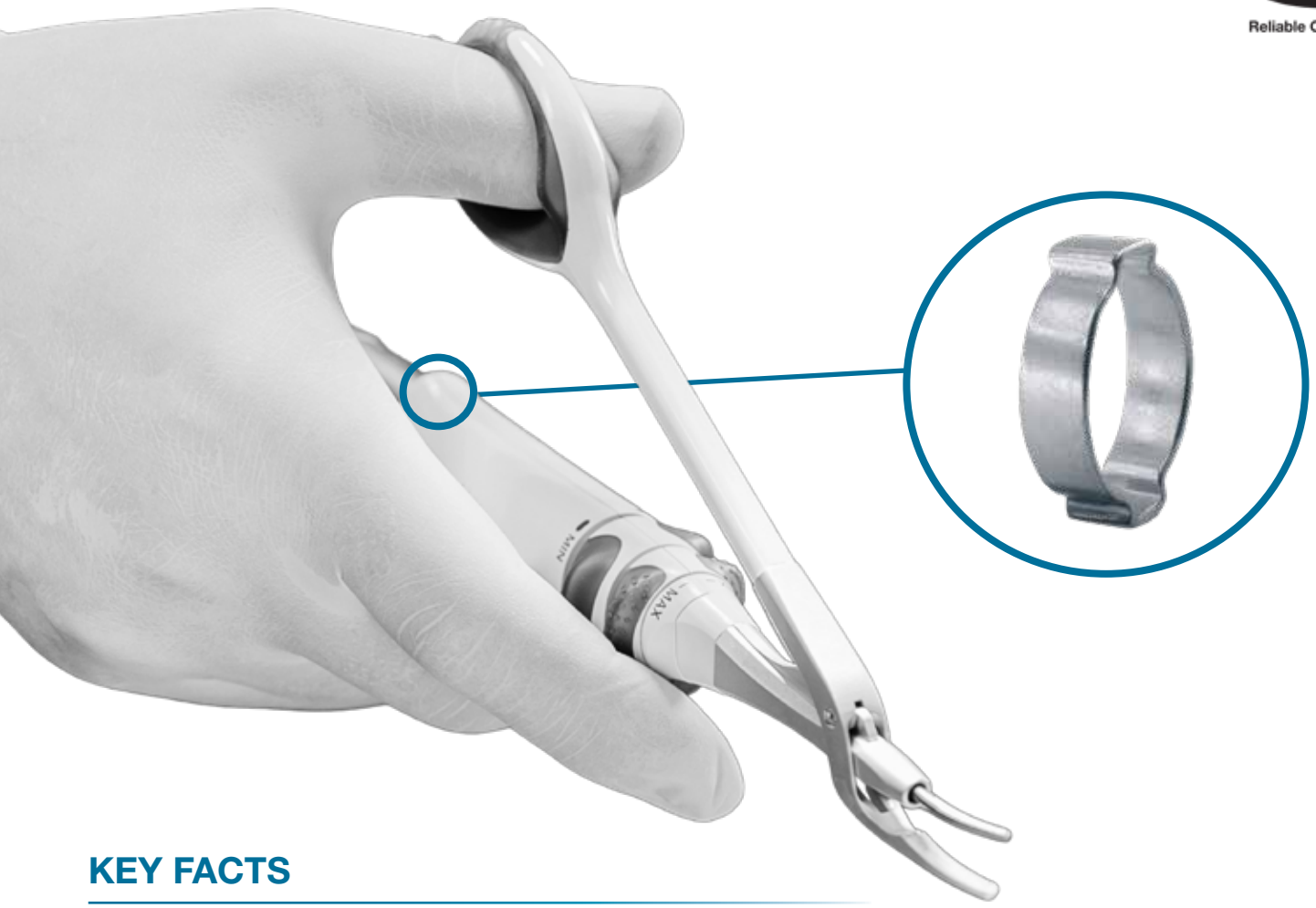
ŒTIKER®
Reliable Connections







Oetiker.com



KEY FACTS

A secure and reliable connection is essential for securing cables, electronic wiring, and hoses in medical devices, where consistent performance is critical to patient safety and procedural success. As medical devices become increasingly reliant on cables, wiring, and fluid transfer systems, every connection plays a vital role.

CURRENT PAIN POINTS

• **Critical connections** - hoses and cables for electronics are becoming standard in today's medical devices and are often tied to critical functions. If a hose or cable tears off, it could interrupt a critical part of patient care.

• **Application diversity** - fastening and fixation of wires, cables, and hoses require solutions matched to many geometries and sizes, from very small to very large diameters.

• **Safety and cleanliness** - in medical applications, what matters is not only clamping force, but also freedom from the risk of damaging the wire/hose, and compliance with strict cleanliness requirements (cleanroom environments).

SOLUTIONS

Oetiker delivers reliable retention solutions for cables, wiring, and hoses used in medical devices. Our portfolio of ear clamps, crimp rings, and assembly tooling supports diameters from about 3 mm mm to over 120 mm, enabling secure connections across a wide range of applications.

Built to address the complex challenges of Medical Device Industry: global interconnect, and cable-assembly manufacturers rely on component partners who can deliver validated, cleanroom ready, high-volume, repeatable retention solutions for the medical OEM programs they supply - exactly where Oetiker's clamp and tooling portfolio fits in.

OETIKER PRODUCT PORTFOLIO

Oetiker offers a wide range of stainless steel clamps for medical use that feature StepLess® technology, which ensures proper 360° sealing. Together with the specialized medical assembly tools, Oetiker provides expert solutions for reliable, leak-free solutions for a variety of medical applications.



StepLess® Ear Clamps Dual Slide 167

Stainless steel

11.9 – 30.8 mm

DualSlide Technology: to mitigate friction during closing

Degreased: to reduce particulates

Also availabe as Oetiker PureLine®



StepLess® Ear Clamps 167

Stainless steel

6.5 – 120.5 mm

Narrow band: concentrates transmission of clamping force

360° StepLess®: uniform compression and surface pressure

Also availabe as Oetiker PureLine®



Multi Crimp Rings 150

Stainless steel (spiral welded)

5.0 – 50.0 mm

Full material cross-section over 360°: constant pressure applied uniformly around the circumference

Smooth: no abrasion or laceration risk



2-Ear Clamps 151

Stainless steel

18.0 – 120.5 mm

Narrow band: concentrates transmission of clamping force

360° StepLess®: uniform compression and surface pressure



Clamps ER 194

Stainless steel

4.8 – 25.0 mm

Compact: lightweight, miniature sizes

Low installed height: minimum space requirement

Solid closure: fast and simple installation, safe connection for low pressure applications

Also availabe as Oetiker PureLine®



1-Ear Clamps 153

Stainless steel

3.3 – 30.7 mm

Compact one-piece clamp: for robust, secure connections, miniature sizes

Clamp ear: fast and simple installation



1-Ear Clamps with insert 154

Stainless steel

2.9 – 30.0 mm

Compact one-piece clamp: for robust, secure connections, miniature sizes

Clamp ear: fast and simple installation

Pre-shaped insert: effective and powerful all-round seal

Also availabe as Oetiker PureLine®



Electronically Controlled Pneumatic Pincers – PureLine

Recommended for mission-critical Medical applications in a cleanroom.

Treated with special grease for aseptic processing, certified by NSF H1 leading to limitation of introduction of particulates

Securing traceability and repeatability

For your cleanroom environment

360° Solution Approach.
Driving Innovation.



Oetiker helps customers drive innovation through all phases of development by utilizing our 360° solution approach. 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.

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