

Reliable Connections for Home Appliances



Advanced clamps and assembly tools designed
for Coffee Machine, Dishwasher, Washing Machine,
Steam Equipment and Refrigerator OEM's.





**Oetiker Connections and
Assembly Solutions for**

Home Appliances Manufacturing



Home Appliances require reliable, high quality and leak-proof hose connections. Oetiker provides customers with the peace of mind that their connecting components are easy to install while ensuring consistent performance.

As a global leader in high-value connecting solutions for industrial segments, our expertise in high quality clamps, rings and assembly tools support customers in a variety of appliance systems, such as coffee machine, washing machine and steam equipment applications. We are the trusted, long-term partner for industrial companies worldwide.





GLOBAL FOOTPRINT AND LONG-TERM COMMITMENT

With 13 manufacturing facilities worldwide and a local presence in over 30 countries, producing more than 2 billion connections per year, more than 60 million connections are created to serve appliance applications. Oetiker is the trusted, global, long-term partner of the world's leading Industrial Application companies.



StepLess® Ear Clamps Light Fit 123

High strength steel
Zinc-magnesium coated

18.0 – 65.0 mm

Lighter band dimension: to save material

Enhanced band strength: with closed tongue guidance

360° StepLess®: uniform compression and surface pressure



StepLess® Ear Clamps 123 & 193

123 high strength steel
193 stainless steel

18.0 – 120.5 mm

360° StepLess®: uniform compression and surface pressure

Closed interlock: high radial loads, smooth outer contour

Security hook: prevents unintended opening during transport



StepLess® Ear Clamps 117 & 167

117 zinc plated
167 stainless steel

6.5 – 120.5 mm

Narrow band: concentrates transmission of clamping force, less weight

360° StepLess®: high radial loads, smooth outer contour



Worm Drive Clamps 126 & 177

126 plated and stainless steel
177 stainless steel

8.0 – 390.0 mm (DIN3017 standard)
10.0 – 178.0 mm (SAE TYPE "F")

Durable: enhanced surface pressure thanks to curled, blurr-free edges (optimized band exceeds DIN 3017 standard)

Conforms to SAE J1508 Type "F": perforated band, large clamping range



1-Ear Clamps with Mechanical Interlock 105 & 155

105 zinc plated
155 stainless steel

10.5 – 116.0 mm

Clamp ear: fast and simple installation

Visible deformation: provides evidence for proper closure



Multi Crimp Rings 150

150 stainless steel (spirally welded)
150 aluminum (puzzle lock design)

5.0 – 50.0 mm
24.5 – 120.0 mm

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

Nominal diameter up to 120 mm: suitable for universal applications, in particular for thermoplastic components

Low installed height: minimum space requirement, no imbalance on rotating parts

PEACE OF MIND FROM RELIABLE CONNECTIONS

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



ASSEMBLY TOOLS



Electronically Controlled Pneumatic Pincers

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

Recommended for mission-critical applications

Securing traceability and repeatability



Cordless Pincers and Cordless Crimpers

For Ear Clamps

Oetiker Cordless Pincer CP 10



For Multi Crimp Rings

Oetiker Cordless Crimper CC 20

Efficient, uniform and repeatable assembly
Lightweight and ergonomic design



Hand Installation Pincers (HIP)

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



Accessories | Cutters

Hand Clamp Cutters

Specially designed to remove Oetiker Ear Clamps up to 7.00 mm wide x 0.6 mm band thickness to 9.0 mm wide x 0.8 mm band thickness "No-Crimp™" Jaws, for cutting only
Protective hand grip The easiest and safest method of ear clamp removal



Pro Spec Hand Tube Cutter

Replaceable V-Shaped Blade for straight cuts
Blade safely stores in jaws when locked
Ergonomic curved handles
Thumb actuated blade & handle lock



Test Equipment

High accuracy – especially suitable for mechanical tools

Ensures uniform, reproducible process quality

Adjust and verify the applied closing force

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.