# Reliable Connections for White Goods





## **Dishwashers, Washing Machines and Refrigerators**

Advanced clamps and assembly tools designed for optimum product performance, Industry 4.0 compatibility and manufacturing efficiency.







## Peace of mind from reliable connections.

### Oetiker is a leading supplier of connecting solutions for white goods.

Oetiker's high-performing connecting and assembly solutions provide peace of mind for a wide range of commercial and industrial markets. Oetiker quality and reliability ensures customers meet the most demanding specifications for their applications. With 80+ years of experience, global engineering teams and 13 manufacturing facilities in 30+ countries, Oetiker delivers a trusted connection solution tailored to customer specific needs.

#### CONNECTING SOLUTIONS

Oetiker connections provide uniform compression and are quick and easy to install and economical. With connecting solutions for White Goods between the water switch, pump, drain, sprayer and other water line connections, Oetiker clamps ensure secure connections for White Goods manufacturing assembly.



#### StepLess® Ear Clamps - 123 Light Fit

Lighter band dimension: to save material

Closed tongue guidance: to enhance band strength

360° StepLess®: uniform compression and uniform surface pressure

Closed interlock: high radial loads, smooth outer contour



#### StepLess® Ear Clamps 117

**Narrow band:** concentrates transmission of clamping force, less weight **StepLess® over 360°:** uniform compression or uniform surface pressure

Specially formed strip edges: reduced risk of damage to parts being clamped



#### StepLess® Ear Clamps 193

**360° StepLess®:** uniform 360° compression and uniform surface pressure **Closed Interlock:** high radial loads, smooth outer contour

Stainless Steel band material: ensures highest performance

## Common Oetiker White Goods Connections:

Corrosion Resistant.
Assembly Efficient.

Reliable Performance.







Water Inlet Pump

Drain Hose

### **ASSEMBLY TOOLS**

Oetiker's dedicated local engineer teams make full installation and removal tool recommendations, ensuring White Goods connections have the right tool for efficient and effective installations every time. These tools are locally stocked and always available.







Pincer/Crimper

#### **Pneumatic & Electronic Pincers**

Oetiker assembly solutions for highvolume assembly of Ear Clamps offer:

- High efficiency
- Process reliability
- Closure verification
- Optional Ergonomic grips



Single Hand Clamp Action Cutter

## **Manual Assembly & Disassembly Tool Options**

#### Oetiker manual tools offer:

- Compound and single action
- Superior strength and high closing force
- Economic designs
- Robust jaw pivots for increased durability



## 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.











