

# Reliable Connections for Coffee Machines



Advanced clamps and assembly tools designed for optimum manufacturing performance and maximum product life cycle.



# Peace of mind from reliable connections.

Oetiker is a leading supplier of connecting solutions for coffee machines.

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 sealing in restricted assembly space and are quick and easy to install. Connections for coffee machines can be found between the pump, distributor, heater and brewer. Oetiker clamps ensure secure connections for coffee machine manufacturing assembly that withstand even the highest pressure, assuring that hot water runs leak-free in commercial and consumer coffee machines.



### StepLess® Ear Clamps 167

**Narrow band:** concentrates transmission of clamping force, less weight

**StepLess® over 360°:** uniform compression or uniform surface pressure

**Clamp ear:** compensates for component tolerances, adjustable surface pressure

**Dimple:** increases clamping force, spring-effect compensates for changes in diameter due to thermal expansion

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



### 1-Ear Clamps 154

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

**Clamp ear:** fast and simple assembly, visible deformation provides evidence of proper closure

**Deburred edges:** reduced risk of damage to parts being clamped



### Multi Crimp Rings 150

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

**Flexible diameter reduction:** high, adjustable surface pressure, very easy to install

**Nominal diameter up to 50 mm:** suitable for universal applications, especially suitable for cooling and heating water circuits, and for airbag systems

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

### Common Oetiker Coffee Machine Connections:

Leak Free.

Fast Assembly.

Corrosion Resistant.

Space Efficient.



Between Pump and Distributor



Between Distributor and Heater

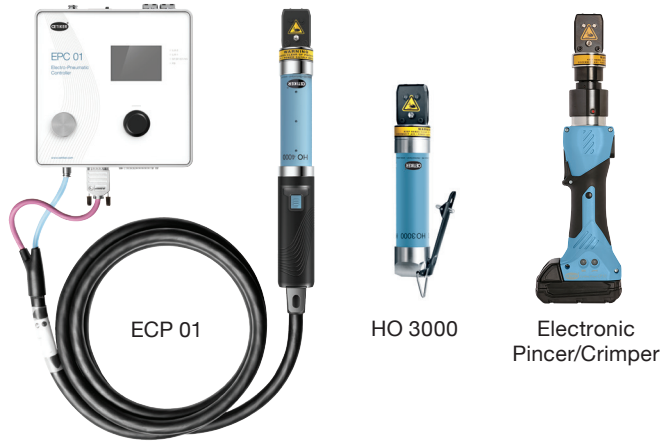


Between Heater and Brewer



## ASSEMBLY TOOLS

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



### Pneumatic & Electronic Pincers

Oetiker assembly solutions for high-volume assembly of Ear Clamps offer:

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



### 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



Scan QR code to connect with an Oetiker Appliance Application Expert.

# 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.