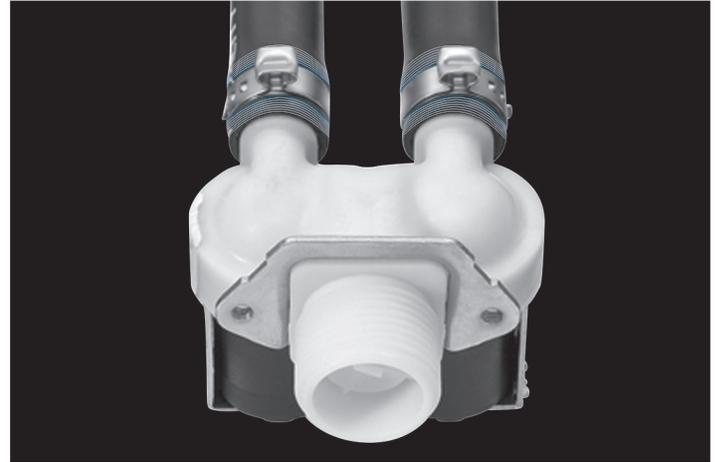


White Goods Connecting Solutions

Benefits

- Easy, high speed assembly
- High quality connections with no leaks
- No hose bunching means reduced reworking



SEALING SOLUTIONS

Applicable white goods applications: [clothing washers](#), [dishwashers](#), [clothing dryers](#), [ice makers](#), [steam ovens](#), and [coffee makers](#)



StepLess® Ear Clamps 123 & 193

123 high strength steel
193 stainless steel
10.5 – 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 zinc stainless steel
6.5 – 120.5 mm

- **Narrow band:** concentrates transmission of clamping force, less weight
- **360° StepLess®:** high radial loads, smooth outer contour



Multi Crimp Rings 150

150 stainless steel (spirally welded)
5.0 – 50.0 mm
150 aluminum (puzzle lock design)
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



Worm Drive Clamps 126 & 177 SAE Type “F”

126 plated and stainless steel
177 stainless steel
10.0 – 178.0 mm

- **Conforms to SAE J1508 Type “F”:** perforated band, large clamping range



1-Ear Clamps with Mechanical Interlock 105 & 155

105 zinc plated
105 stainless steel
10.5 – 116.0 mm

- **Clamp Ear:** fast and simple installation

WHITE GOODS | INSTALLATION AND TOOLS

Installation

For proper installation of clamps, use Genuine Oetiker Installation tools for best clamp performance.

1. Position the clamp on the hose/application
2. Align the jaw tips of the Oetiker installation tool with the ear of the clamp
3. Squeeze the ear



with Standard Jaw



with Side Jaw

HAND INSTALLATION PINCERS (HIP)

*Key advantages of Compound Action Pincers

- Easier to close
- Requires less hand force
- Top sealing performance



Compound Action* Pincer Standard Jaw for Ear Clamps

Oetiker HIP 2000 | 386
Item no. 14100386

- Use where radial access to clamp is not restricted



Compound Action* Pincer Side Jaw for Ear Clamps

Oetiker HIP 2000 | 387
Item no. 14100387

- Dual purpose side jaw design
- Can be used in parallel or perpendicular position

ACCESSORIES - CUTTERS



Hand Clamp Cutter

Oetiker HCC 2000 | 407
Item no. 14100407

- Quick and easy ear clamp cutting
- Safest method of clamp removal
- Requires minimal hand force

PNEUMATIC AND CORDLESS PINCERS



Pneumatic Pincers

Oetiker HO ME 2000/3000/4000/5000/7000

- Installation tool with high process reliability
- Efficient, uniform assembly
- High-quality, complete pincer system for uniform clamp closures
- Adaption of special head designs possible



Electronically Controlled Pneumatic Pincers

Oetiker ELK

- Process reliability, electronic monitoring of all specified parameters - 100% documentation
- Force or stroke-priority action, either with or without - initial holding feature
- Single, sequential or controlled operation
- Complete integration into automated systems
- Efficient, verified assembly



Test Equipment

Oetiker CAL 01

- Ensures uniform reproducible process quality
- Provides an interface for data exchange with any Oetiker electronically controlled installation tool



Cordless Pincers

For Ear Clamps

Oetiker Cordless Pincer CP 10 & CP 20

For Multi Crimp Rings

Oetiker Cordless Crimper CC 20

- Efficient, uniform and repeatable assembly
- Lightweight and ergonomic design

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