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

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

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

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
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

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 l 386
Item no. 14100386
- Use where radial access to clamp is not restricted

Compound Action* Pincer
Side Jaw for Ear Clamps
Oetiker HIP 2000 l 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 l 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
- Efficient, uniform and repeatable assembly
- Lightweight and ergonomic design

For Multi Crimp Rings
Oetiker Cordless Crimper CC 20
- Efficient, uniform and repeatable assembly
- Lightweight and ergonomic design

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