

Irrigation Applications

Benefits

- Economical
- Quick and easy to install
- Slim, lightweight, yet strong



SEALING SOLUTIONS



1-Ear Clamps with Mechanical Interlock 155

155 stainless steel
10.5 – 116.0 mm

Clamp ear: fast and simple installation
Dimple: increases clamping force



StepLess® Ear Clamps 167

(Heavy Duty Series 908R)

167 stainless steel
24.5 – 120.5 mm

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



Worm Drive Clamps 177 SAE Type “F”

177 stainless steel
10.0 – 178.0 mm

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



Irrigation Service Clamp Kit

Item no. 18500144

Kit contains various sizes of 1-Ear Clamps with Mechanical Interlock 155 and one hand installation pincer.

SIZING CHART

1-Ear Clamps with Mechanical Interlock 155 - for PE2306

Polyethylene pipe size	PSI rating	Oetiker item no.	Clamp ref. (mm)
1/2"	80	15500011	19.8
1/2"	100	15500012	21.0
3/4"	80	15500015	25.6
3/4"	100	15500016	27.1
3/4"	125	15500019	31.6
1"	80	15500020	33.1
1"	100	15500020	33.1

StepLess® Ear Clamps 167 (Heavy Duty Series 908R) - for PE2306

Polyethylene pipe size	PSI rating	Oetiker item no.	Clamp ref. (mm)
1"	100	16700297	33.1
1"	125	16700299	34.6
1 1/4"	80	16700308	41.0
1 1/4"	100	16700309	42.5
1 1/2"	80	16700313	48.5
1 1/2"	100	16700744	51.0

1-Ear Clamps with Mechanical Interlock 155 - for PE3408

Polyethylene pipe size	PSI rating	Oetiker item no.	Clamp ref. (mm)
1/2"	100	15500011	19.8
1/2"	125	15500012	21.0
3/4"	100	15500015	25.6
3/4"	125	15500016	27.1
1"	80	15500019	31.6
1"	100	15500020	33.1
1"	125	15500021	34.6

StepLess® Ear Clamps 167 (Heavy Duty Series 908R) - for PE3408

Polyethylene pipe size	PSI rating	Oetiker item no.	Clamp ref. (mm)
1"	125	16700297	33.1
1 1/4"	100	16700308	41.0
1 1/4"	125	16700309	42.5
1 1/2"	80	16700313	48.5
1 1/2"	100	16700314	50.0
1 1/2"	70	16700744	51.0

Charts represent guidelines only. Please contact Oetiker for proper size selection.

IRRIGATION | 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)



Compound Action* Standard Jaw Pincer

Oetiker HIP 2000 | 386
Item no. 14100386

- Use where radial access to clamp is not restricted



Compound Action* Side Jaw Pincer

Oetiker HIP 2000 | 387
Item no. 14100387

- Dual purpose side jaw design
- Can be used in parallel or perpendicular position
- Install or remove clamps in confined areas

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 for 1/2" PEX Clamps



Multi Hose Cutter

Item no. 14100078 Multi Hose Cutter
Item no. 14100079 Replacement Blade

- Provides a straight and even cut on any plastic or rubber hose, up to 1 1/8"
- Metal housing and PVC coated handles with handle lock

*Key advantages of Compound Action Pincers

- Exclusive compound action for easier clamp installation and removal
- Designed and manufactured specifically to install and remove 5, 7, and 9 mm wide Genuine Oetiker ear clamps
- Optimized for professional medium and heavy duty use
- Generate up to 20% higher clamp sealing performance on genuine Oetiker clamps than other tools
- Better single handed use in confined areas
- Slip resistant grips for control and comfort
- Patent pending design
- Made in USA

For almost a century, Oetiker high-tech hose and tubing connections have been used throughout the industry. Currently they are being used on Polyethylene pipe Irrigation applications and ensure a leak-proof, durable hose connection.

Efficient. Reliable. Secure.

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