

Reliable Connections for Irrigation Systems.



- Agricultural Irrigation Systems
- Commercial Irrigation Systems
- Residential Irrigation Systems



Available in the Americas



Connecting and Assembly Solutions for Irrigation Systems

Irrigation systems require robust and leak-free hose connections. Oetiker provides customers with the Peace of Mind that their connecting components are strong, easy to install, and ensure a reliable installation.

For almost a century, Oetiker's innovative hose and tubing connections, along with our installation tools, have been trusted across the industry. Our expertise in high-quality clamps, rings, and assembly tools supports customers in a wide range of irrigation systems, including crop irrigation and polyethylene pipe applications. We are the trusted, long-term partner for irrigation companies worldwide.





DEDICATED TO CUSTOMER VALUE

By integrating connecting, assembly, and global engineering services, we deliver optimal customer value. Oetiker clamps and assembly tools are designed and engineered to work seamlessly together, ensuring consistent, leak-free connections and reliable long-term performance in irrigation systems.

IRRIGATION CONNECTIONS FOR POLYETHYLENE PIPE



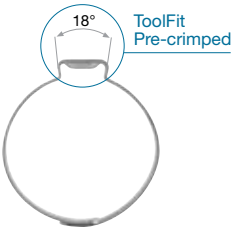
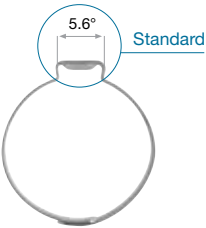
1-Ear Clamps with Mechanical Interlock 155 and ToolFit Technology

155 Stainless Steel
20.1 – 32.2 mm

- **ToolFit Technology:** clamp ear is pre-crimped to provide the tool with a secure ToolFit grip for effortless installation
- **Mechanical Interlock:** a mechanical connection which keeps the clamp securely closed

ToolFit Item No.	Ref. No.	PE2406 Tube Size Ref.	PSI Rating
15500218	210	1/2"	100
15500219	271	3/4"	100
15500220	331	1"	80 & 100

ToolFit Item No.	Ref. No.	PE3408 & PE4710 Tube Size Ref.	PSI Rating
15500218	210	1/2"	125
15500219	271	3/4"	125
15500220	331	1"	100



1-Ear Clamps with Mechanical Interlock 155

155 Stainless Steel
17.0 – 62.0 mm

- **Mechanical interlock:** a mechanical connection which keeps the clamp securely closed

Standard Item No.	Ref. No.	PE2406 Tube Size Ref.	PSI Rating
15500011	198	1/2"	80
15500015	256	3/4"	80
15500019	316	1"	125

Standard Item No.	Ref. No.	PE3408 & PE4710 Tube Size Ref.	PSI Rating
15500011	198	1/2"	100
15500015	256	3/4"	100
15500019	316	1"	80
15500021	346	1"	125

Please [contact](#) an Oetiker representative for a complete range of product options.

With more than 80 years of experience, Oetiker is a global leader in the design and manufacture of high-end connecting solutions. We believe that reliable connections are essential to both the safety and the performance of our customers’ products.

Oetiker is dedicated to delivering innovative, sustainable solutions that support the evolving needs of our customers’ irrigation systems.



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

167 Stainless Steel
33.1 – 65.0 mm

- 360° **StepLess®**: uniform compression and uniform surface pressure
- Heavy-duty clamp is ideal for large poly pipe applications

Item No.	Size Ref. (mm)	PE2406 Tube Size Ref.	PSI Rating
16700297	33.1	1"	100
16700299	34.6	1"	125

Item No.	Size Ref. (mm)	PE3408 & PE4710 Tube Size Ref.	PSI Rating
16700297	33.1	1"	125



Check out our full line of
Irrigation Connecting Solutions



LOCAL ON-SITE TECHNICAL SUPPORT

Our team brings extensive expertise in connecting technologies for a wide range of irrigation systems, including polyethylene pipe applications.

By combining hands-on experience, practical insights, and a clear understanding of our customers’ challenges, we deliver thoughtful, high-performing solutions tailored to real-world needs.

IRRIGATION CONNECTIONS FOR POLYETHYLENE PIPE

Worm Drive Clamps 126 & 177

- Conforms to SAE J1508 Type “F”
- High-quality, holds strong, connects easily



Worm Drive Clamps 126

Material 126: [Stainless Steel and Plated Parts](#)
Screw: 5/16" hex-head, plated carbon steel
Band: 1/2" band width, 201 stainless steel
Housing: 201 stainless steel

Item No.	SAE Size	Diameter Range (in)
12600374	8	7/16" – 1"
12600375	10	1/2" – 1-1/16"
12600376	12	9/16" – 1-1/4"
12600377	16	11/16" – 1-1/2"
12600378	20	3/4" – 1-3/4"
12600379	24	1" – 2"
12600380	28	1-1/4" – 2-1/4"
12600381	32	1-1/2" – 2-1/2"
12600382	36	1-13/16" – 2-3/4"



Worm Drive Clamps 177

Material 177: [All Stainless Steel Parts](#)
Screw: 5/16" hex-head, 410 stainless steel
Band: 1/2" band width, 201 stainless steel
Housing: 201 stainless steel

Item No.	SAE Size	Diameter Range (in)
17700339	8	7/16" – 1"
17700340	10	1/2" – 1-1/16"
17700341	12	9/16" – 1-1/4"
17700342	16	11/16" – 1-1/2"
17700343	20	3/4" – 1-3/4"
17700344	24	1" – 2"
17700345	28	1-1/4" – 2-1/4"
17700346	32	1-1/2" – 2-1/2"
17700347	36	1-13/16" – 2-3/4"

INSTALLATION TOOL



- For Worm Drive Clamp installation
- Reversible socket, flip for desired 1/4" or 5/16" size
- Flexible shaft and no-slip grip handle

Item No.	Description
14100316	Flexible Nut Driver

Please [contact](#) an Oetiker representative for a complete range of product options.

LOCALLY AVAILABLE ASSEMBLY & DISASSEMBLY TOOLS

Oetiker’s dedicated local engineer teams make full installation and removal tool recommendations, ensuring irrigation connections are installed properly and efficiently every time. These tools are locally stocked and always available.



HAND INSTALLATION PINCERS



Single Action Pincers

- Strong closing force
- Economic design
- Side jaw version allows clamps to be installed in confined areas with pincers held parallel to the pipe and also used like standard pincers



Item No.	Jaw Type	Handle
14100396	Standard	Standard
14100426	Standard	Extra Reach
14100446	Side	Standard



Compound Action Pincers

- Recommended for larger diameter pipe, requiring higher closing force
- Ergonomic grips for comfort and lower hand force
- Curved handle options also available



Item No.	Jaw Type	Handle
14100496	Standard	Straight
14100498	Side	Straight

DISASSEMBLY TOOLS / CUTTERS



Hand Clamp Cutter

- Designed for removing Oetiker ear clamps
- Quick and easy ear clamp cutting
- Safest method of clamp removal

Item No.
14100519



Pro Spec Hand Tube Cutter

- Recommended for cutting of PEX, PE-RT, Poly tubing, HDPE up to 1"
- Replaceable V-shaped blade for straight cuts
- Blade safely stores in jaws when locked

Item No.
14100504

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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.



[Learn more](#)