

OETIKER

Clamp Kits for MRO

Product Group 185

OETIKER Clamp Kits

185
come in various standard contents: Custom assortments when quantity warrants.

OETIKER 2-Ear Clamps

101 & 151
are well suited for industrial use or Original Equipment (OEM) applications. EPDM rubber hose, plastic tubing, electrical cable, strain relief, insert molding, welding and heavily vibrating equipment hoses are readily clamped.

OETIKER Stepless® Ear Clamps

167
provide uniform compression and a 360° seal due to the unique tongue-in-groove design. The term "Stepless" relates to the absence of gaps or steps on the clamp's inner circumference.

OETIKER Do-It-Yourself Clamps

174
can be used for emergency on-the-spot repairs, including marine, at home and industrial use. A variety of separate locks fasten CV joints, bellows, ducts, filters or dust bags and many other unique applications.

OETIKER Stepless® Spring Clamps

178
once installed, they continually adjust to compensate for the expansion and contraction of the hose (vibration proof).

"SYSTEM OETIKER" series of clamps pioneered by OETIKER – the name in clamping worldwide



Connecting Technology

Further information about OETIKER Clamps are available upon request.



OETIKER 2-Ear Clamp Kits

Product Group **101 & 151**



The 2-ear clamps have a larger clamp range than the 1-ear clamps. The closed "ear" geometry provides an inherent retained load and a spring action in the clamp, permitting expansion and contraction during thermocycling or vibrating conditions. For proper installation and seal, both "ears" must be crimped closed.

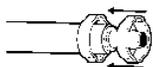
Material

- **101** Zinc plated carbon steel SAE 1008/1010 or DIN 1.0338
- **151** Stainless steel UNS S30400 or DIN 1.4301

Clamp size range

4.1 - 46.0 mm

Installation



Where access to ear is difficult, use OETIKER's Side Jaw Pincers

Removal



Give each ear a firm squeeze with OETIKER Pincers.

Please note: Once an OETIKER Eared Clamp has been applied, it must not be reused. Tampering is visible.



Features

- robust, durable one-piece design offers positive, tamper resistant seal
- for air and fluid media lines
- one-piece design offers quick and easy installation
- smooth edges prevent damage to hose

Item No.

Service Kits

zinc plated	18500056	with Standard Jaw Pincers
	18500057	with Side Jaw Pincers
stainless steel	18500064	with Standard Jaw Pincers
	18500065	with Side Jaw Pincers
15 each	9 mm (5/16"), 11 mm (3/8"), 13 mm (1/2")	Clamps
15 each	15 mm (9/16"), 18 mm (5/8")	Clamps
12 each	20 mm (3/4"), 23 mm (7/8")	Clamps
12 each	25 mm (15/16"), 27 mm (1")	Clamps
1 each	pair of pincers	

Pocket Kits

zinc plated	18500049	with Standard Jaw Pincers
	18500050	with Side Jaw Pincers
15 each	13 mm (1/2"), 15 mm (9/16")	Clamps
15 each	18 mm (5/8"), 20 mm (3/4")	Clamps
5 each	6 mm (1/4"), 8 mm (5/16")	Hose Menders
1 each	pair of pincers.	

Clamp Kits

zinc plated	18500045	with Standard Jaw Pincers
	18500046	with Side Jaw Pincers
50 each	11 mm (3/8"), 13 mm (1/2")	Clamps
50 each	15 mm (9/16"), 18 mm (5/8")	Clamps
25 each	20 mm (3/4"), 23 mm (7/8")	Clamps
5 each	6 mm (1/4"), 8 mm (5/16")	Hose Menders
5 each	10 mm (3/8"), 13 mm (1/2")	Hose Menders
1 each	pair of pincers	

Plastics Mold Kits

zinc plated	18500052	with Standard Jaw Pincers
50 each	13 mm (1/2"), 17 mm (19/32")	Clamps
50 each	20 mm (3/4")	Clamps
100 each	18 mm (5/8")	Clamps
30 each	25 mm (15/16"), 27 mm (1")	Clamps
1 each	pair of pincers	

Construction Kits

zinc plated	18500116	with Long Handle Pincers
50 each	25 mm (15/16")	Clamps
40 each	31 mm (1-1/8")	Clamps
6 each	13 mm (1/2"), 19 mm (3/4")	Hose Menders
1 each	pair of pincers	



OETIKER Stepless® Ear Clamp Kits

Product Group **167**



The unique stepless tongue-in-groove design provides a smooth inner band circumference and uniform compression for a 360° seal.

Standard Series Stepless Ear Clamps were perfected for demanding applications where lighter, thin-walled hose or tubing is being used.

Material

– 167 Stainless steel band UNS S30400 or DIN 1.4301

Standard Series

clamp size range	width / thickness
6.5 - 11.8 mm	5.0 x 0.5 mm
11.9 - 120.5 mm	7.0 x 0.6 mm
21.0 - 120.5 mm	9.0 x 0.6 mm

Installation



Removal



Where access to ear is difficult, use OETIKER's Side Jaw Pincers

Give each ear a firm squeeze with OETIKER Pincers.

Please note: Once an OETIKER Eared Clamp has been applied, it must not be reused. Tampering is visible.

Features

- narrow band for concentrated seal compression
- smooth edged bandsteel prevents damage to hose
- light weight, strong low clearance design
- Oetiker Stepless Series Clamps are available in a variety of styles, such as for Low Profile or Heavy Duty clamping applications.
- separate catalogs on request

Item No. Stepless Ear Clamp Kits

stainless steel	Item No.	with Standard Jaw Pincers	with Side Jaw Pincers
10 each	18500060	13.3 mm (1/2"), 14.5 mm (9/16")	Clamps
10 each	18500061	15.7 mm (5/8"), 18.5 mm (23/32")	Clamps
10 each		22.6 mm (7/8"), 25.6 mm (1")	Clamps
10 each		28.6 mm (1 1/8"), 31.6 mm (1 1/4")	Clamps
1 each		pair of pincers	

Beverage Kits

stainless steel	Item No.	with Side Jaw Pincers
50 each	18500075	8.7 mm (11/32"), 10.5 mm (13/32")
50 each		11.3 mm (7/16"), 13.3 mm (1/2")
50 each		14.5 mm (9/16"), 17.0 mm (11/16")
1 each		pair of pincers

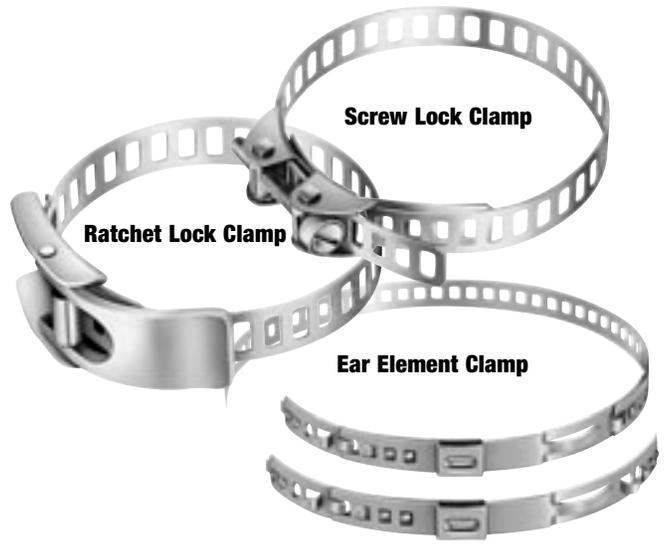


OETIKER Bandclamp Kits

Product Group **174**



- Features**
- Do-It-Yourself – attach separate locking element to appropriate length of bandsteel
 - cut bandsteel to size yourself or order pre-cut lengths
 - clamps round, flat and irregular shapes
 - especially suitable for large diameters
 - in bulk, kits or custom clamp assembly



	Item No.	Qty.
Ratchet Lock Kits	18500001	
Ratchet Locks – small dia.	17400063	5
Perf. Bandsteel – 10 mm	17400066	5 m / 16 ft
Ratchet Lock Kits	18500002	
Ratchet Locks – large dia.	17400064	5
Perf. Bandsteel – 10 mm	17400066	5 m / 16 ft
Screw Lock Kits	18500003	
Screw Locks	17400003	5
Perf. Bandsteel – 10 mm	17400066	5 m / 16 ft
Emergency Bandclamp Kits	18500004	
Screw Locks	17400003	3
Ratchet Lock – small dia.	17400063	1
Ratchet Lock – large dia.	17400064	1
Perf. Bandsteel – 10 mm	17400066	5 m / 16 ft
C-V Joint Replacement Kits	18500016	
Ear Elements – small dia.	17400041	5
Ear Elements – large dia.	17400042	5
Perf. Bandsteel – 7 mm	17400051	3.3 m / 10 ft
Ear Element Kits (heavy duty)	18500007	
Ear Elements – large dia.	17400153	10
Perf. Bandsteel - 9 mm	17400048	5 m / 16 ft
Screw / Spring Element Kits	18500019	
Screw Elements	17400001	4
Spring Element	17400047	1
Perf. Bandsteel – 9 mm	17400048	5 m / 16 ft

Material

– 174 Stainless steel band and components
UNS S30400 or DIN 1.4301

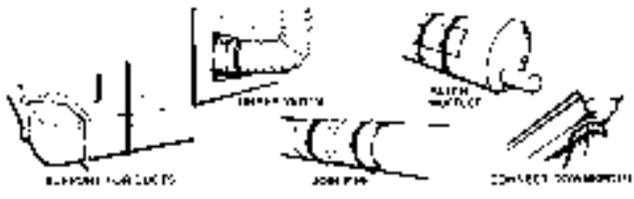
Installation

Instructions are included with Kits



C-V Joint Replacement Kits for the Automotive Aftermarket

Typical applications



OETIKER Spring Clamp Rack

Product Group **178**



Features

- self-tensioning spring reacts to thermal cycle diameter changes to maintain a strong uniform seal to prevent leakage
- slim, light weight, strong, all stainless steel
- conform with: SAE J1508 type SSPC, TMC RP332 type SSPC
- rounded edged bandsteel prevents damage to hose
- range control windows allow for multiple diameter settings



item no. 18500113

OETIKER Stepless® Spring Clamps are specifically developed to permanently stop cold water flow or leaks with black EPDM or soft silicone coolant system hoses on diesel or other engines. Their less than typical band width, their precise tongue-in-groove stepless interior coupled with low installation torque achieves a strong concentrated 360° seal during thermal cycle changes without damaging expensive hose material.

Achieving a permanent leak-free seal with a **low installation torque** is the fundamental design of the OETIKER Stepless® Spring Clamps.

Material

- **178** Stainless steel
- Bandsteel, sleeve,
- pivot segments (D-Nuts) UNS S30400 or DIN 1.4301
- Screw UNS S30200 or DIN 1.4300
- Spring 17-7PH aircraft quality

clamp size range width / thickness
19 mm (3/4") and larger 9 x 0.6 mm

Features

- for dealer service facilities
- countertop or wall mount
- 10 pieces each size
- 14100086 Flex Nut Driver installation tool

item no.	size ref.		clamp range	
	mm	mm	inches	
17800171	26	21.0 - 26.0 mm	13/16" - 1"	
17800172	28	23.0 - 28.0 mm	15/16" - 1-1/8"	
17800173	31	26.0 - 31.0 mm	1" - 1-3/16"	
17800174	32	27.0 - 32.0 mm	1-1/16" - 1-1/4"	
17800175	36	31.0 - 36.0 mm	1-3/16" - 1-7/16"	
17800176	40	35.0 - 40.0 mm	1-3/8" - 1-9/16"	
17800177	45	38.5 - 45.0 mm	1-1/2" - 1-3/4"	
17800178	50	43.5 - 50.0 mm	1-11/16" - 1-15/16"	
17800179	55	48.5 - 55.0 mm	1-15/16" - 2-1/8"	
17800180	60	50.0 - 60.0 mm	1-31/32" - 2-3/8"	
17800181	65	55.0 - 65.0 mm	2-3/16" - 2-9/16"	
17800182	70	60.0 - 70.0 mm	2-3/8" - 2-3/4"	
17800183	75	65.0 - 75.0 mm	2-9/16" - 2-15/16"	
17800184	80	70.0 - 80.0 mm	2-3/4" - 3-1/8"	
17800185	85	75.0 - 85.0 mm	2-15/16" - 3-5/16"	



OETIKER

Clamps for Maintenance, Repair and Operations

Clamps and Rings*

Permanent, tight connection will only be released if required.
For all clamping and pressure ranges, hard or soft materials, hoses, cables or ropes. Made from tube or band, stepless, self-tensioning or reusable. Also in rust and acid-resistant materials.
Simple and straightforward installation.



Couplings

Swing Couplings SC:

Safely swing to connect. Connects easily and quickly with no force required and no loss of pressure in the system. Full flow.

Quick Action Couplings SV:*

Fast and safe connection due to two-stage uncoupling.
Non-interchangeable and heavy duty ranges also available.



Hinged Steel Belts and Conveyor Chains*

Hinged Steel Belts:

In a wide range of pitches and widths. Flat, dimpled, perforated, slotted – customer-specific production.

Conveyor Chains:

Chains and sprockets for a wide variety of applications in industry and mechanical engineering. There are also rust, acid and heat-resistant versions.



Formed and Stamped Parts*

Holders, rings, special clamps, and many other fastening components for a wide variety of industries. Manufactured using multi-stage tools in presses with up to 4000 kN load capacity.



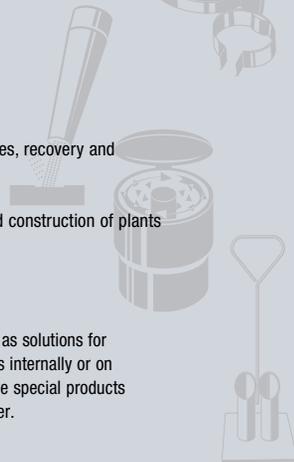
Sandblasting and Surface Technique*

Sandblasting Technique:

Sandblasting equipment, jet rooms and cubicles, recovery and filter plants, safety equipment.

ROTOL Surface Technique:

Deburring and polishing machines, design and construction of plants for rational surface treatment and finishing.



Special Products*

Research and development of products as well as solutions for them to be integrated into assembly procedures internally or on customer's request repeatedly lead to innovative special products such as the dismantlable OETIKER crutch holder.

* Not available in all countries

Internet: www.oetiker.com

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OETIKER has been developing connecting technology for over 60 years.
OETIKER products are manufactured by its own companies in line with ISO/TS 16949 and sold worldwide in over 40 countries. Numerous patents are proof of continuous innovation.



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