

# Hand Installation Pincers (HIP)

for PG 192 Low Profile Clamps

HIP 2000 | 500, HIP 2000 | 501



Reliable Connections

Recommended for the installation of Genuine Oetiker StepLess® Low Profile Clamps 192

## Benefits

- Clamps can be installed quickly and easily
- Top sealing performance
- Quick and easy installation
- Ergonomic grip



Compound Action Hand Installation Pincer - Straight Handles  
HIP 2000 | 500  
Item No. 14100500



Compound Action Hand Installation Pincer - Curved Handles  
HIP 2000 | 501  
Item No. 14100501  
Curved handles are designed for users with smaller hands  
and add balance for ease of use

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**Unique jaw:** designed for StepLess® Low Profile Clamps 192

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**Suitable for:** 1-wave and 3-wave clamp designs

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**Compound action mechanism:** reduces hand force and increases mechanical advantage

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**Soft molded grips:** improved operator control in oily environments

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**Proven construction:** for long tool life

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**36.0 mm wide jaw opening:** maximize clamp closing range

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**11.2 mm closing gap:** minimize over-tensioning of clamp

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TECHNICAL DATA OVERVIEW

Hand Installation Pincer for StepLess® Low Profile Clamps 192

Model No.	HIP 2000   500
Item No.	14100500
Dimensions:	
Length	230.0 mm
Width	54.0 mm
Height	22.0 mm
Weight	385.0 g
Jaw gap (open)	36.0 mm
Jaw gap (closed)	11.2 mm
Reference jaw force	2000 N*

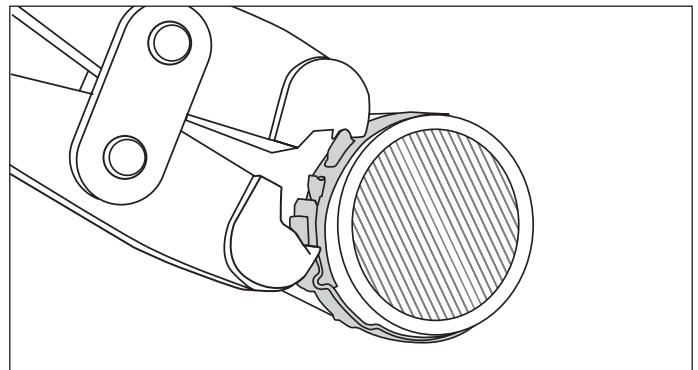
\* with hand force of 311 N at block closure

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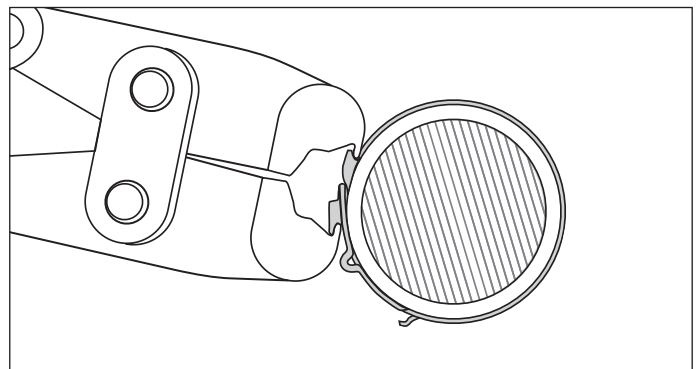
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INSTRUCTION GUIDE

Jaw tips match configuration of clamp tension hooks precisely for maximum tool and clamp performance.



1. Position jaw over tensioning hook.



2. Close clamp until load retaining hook is engaged.

### DESCRIPTION

Oetiker HIP 2000 | 500 and HIP 2000 | 501 are designed to produce the highest possible radial loads and uniformity around the circumference of the application, for the best hand installed clamp sealing performance.

These Compound Action Pincers are especially designed for professional use where StepLess® Low Profile Clamps 192 are closed. The higher mechanical advantage allows the installer to apply lower hand forces, providing comfort and reduced risk of strain injury and fatigue.

The jaw tips are designed to precise tension hook requirements to optimize clamp assembly results. 36.0 mm wide jaw opening maximizes clamp closing range; 11.2 mm closed gap minimizes clamp over-tensioning.

Patent Pending

### CLOSING FORCE CHART

As the clamp is pinched, the mechanical advantage of the compound action tool requires less applied force to pinch the clamp. Pinching is easier and quicker.

