Hand Installation Pincers (HIP)
for PG 192 Low Profile Clamps
HIP 2000 | 500, HIP 2000 | 501

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

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

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

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

**Proven construction:** for long tool life

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

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

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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

**Model No.** HIP 2000 | 501
**Item No.** 14100501

**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

**TECHNICAL DATA OVERVIEW**

**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.
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.

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.