Hand Installation Pincer (HIP)

HIP 2000 | 414

Connecting Technology

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
HIP 2000 | 414
Item No. 14100414

Unique jaw: designed for StepLess® Low Profile Clamps 192

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

Lever mechanism: reduces hand force and increases mechanical advantage

Textured 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

HIP 2000 | 414

TECHNICAL DATA OVERVIEW

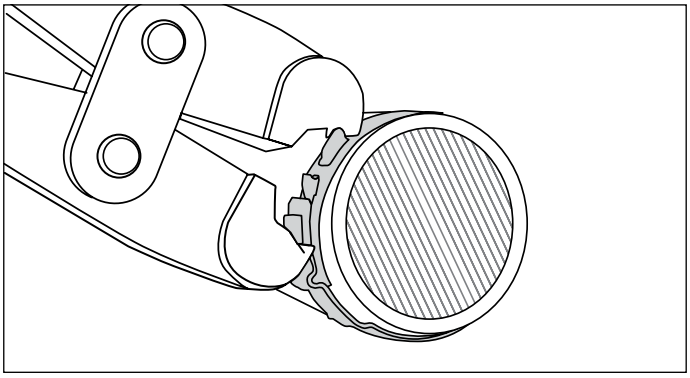
Hand Installation Pincer for StepLess® Low Profile Clamps 192

Model No.	HIP 2000 | 414
Item No.	14100414
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*

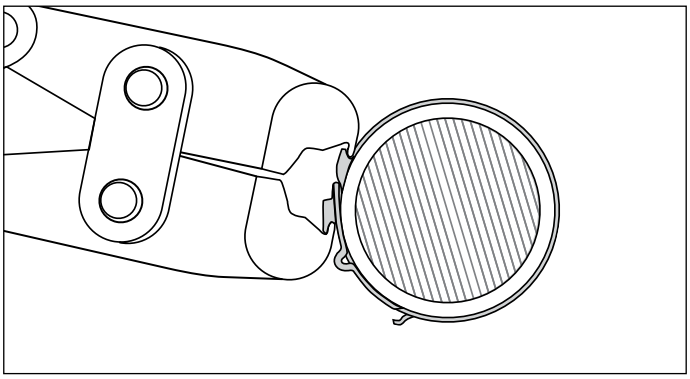
* with hand force of 311 N at block closure

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 | 414 is designed to produce the highest possible radial loads and uniformity around the circumference of the application, for the best hand installed clamp sealing performance.

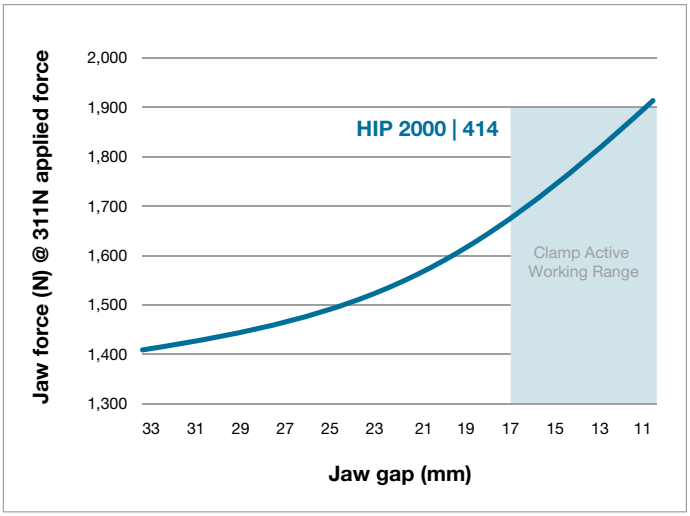
This Compound Action Pincer is especially designed for professional use where StepLess® Low Profile Clamps 192 are closed. The higher mechanical advantage allows the installer to apply lower hand forces, providing comfort and reduced risk of strain injury and fatigue.

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.



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