Hand Installation Pincers (HIP)

HIP 2000 | 386, HIP 2000 | 387

Connecting Technology

Recommended for the installation of Genuine Oetiker Ear Clamps

Benefits

- Easier to close
- Requires less hand force
- Top sealing performance

Compound Action Pincer
HIP 2000 | 386
Item No. 14100386

Compound Action Pincer with Side Jaw
HIP 2000 | 387
Item No. 14100387

Compound action tools: easier to close than single action Hand Installation Pincers (HIP)
+ requires less hand strength for a safe and simple closure + high quality design + one tool covers a wide range of ear clamps

HIP 2000|386

HIP 2000|387

TECHNICAL DATA OVERVIEW

Compound Action Pincer	
Model No.	HIP 2000|386
Item No.	14100386
Dimensions:	
Length	225.00 mm
Width	55.0 mm
Height	23.0 mm
Weight	356 g
Jaw width	12.0 mm
Opening gap	16.5 mm
Max. ear width	13 mm
Reference jaw force	2000 N

Compound Action Pincer with Side Jaw	
Model No.	HIP 2000|387
Item No.	14100387
Dimensions:	
Length	225.00 mm
Width	55.0 mm
Height	23.0 mm
Weight	369 g
Jaw width	8.0 mm
Opening gap	16.5 mm
Max. ear width	13 mm
Reference jaw force	2000 N

APPLICABLE CLAMPS

Material Dimensions (mm)	Size* (mm)	Closing Force Max. (N)	Assembly tools: Compound Action HIP 2000 | 386	Compound Action HIP 2000 | 387
153				
–	3.3–11.0	1400	14100386	14100387
–	11.3–20.7	2300	14100386	14100387
–	21.0–30.7	2800	14100386	14100387
154				
–	3.3–11.8	1500	14100386	14100387
–	12.0–20.7	2500	14100386	14100387
101				
–	4.1–20.0	2500	14100386	14100387
151				
–	4.1–20.0	2200	14100386	14100387
105				
–	10.5–17.0	1200	14100386	14100387
–	18.5–116.0	2000	14100386	14100387
155				
–	10.5–17.0	1200	14100386	14100387
–	18.5–116.0	2000	14100386	14100387
123				
7 × 0.8	18.0–120.5	2400	14100386	14100387
7 × 0.8	30.0–120.5	2400	14100386	14100387
193				
7 × 0.6	18.0–120.5	2800	14100386	14100387
7 × 0.6	30.0–120.5	2600	14100386	14100387
117				
7 × 0.6	11.9–17.8	1100	14100386	14100387
167				
5 × 0.5	6.5–11.8	1000	14100386	14100387
5 × 0.6	18.5–100.0	1700	14100386	14100387
7 × 0.6	11.9–17.5	2100	14100386	14100387
7 × 0.6	17.8–120.5	2400	14100386	14100387
7 × 0.8	30.9–120.5	2800	14100386	14100387
9 × 0.6	21.0–120.5	2800	14100386	14100387
109				
7 × 0.8	29.5–122.0	1400	14100386	14100387
9 × 0.8	29.5–122.0	1800	14100386	14100387
113				
7 × 0.6	30.0–116.0	1400	14100386	14100387
9 × 0.6	72.0–132.0	2200	14100386	14100387
159				
7 × 0.8	25.0–50.0	2400	14100386	14100387
7 × 0.8	40.0–110.0	2400	14100386	14100387
163				
7 × 0.6	30.0–50.0	1800	14100386	14100387
7 × 0.6	56.0–116.0	2400	14100386	14100387
9 × 0.6	72.0–132.0	2800	14100386	14100387

*for all Ear widths up to 13 mm

DESCRIPTION

Oetiker Hand Installation Pincers (HIP) have been designed especially for Industry and Trade applications, as well as Automotive service and repair, for pinching and removing ear clamps quickly and easily.

They 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.

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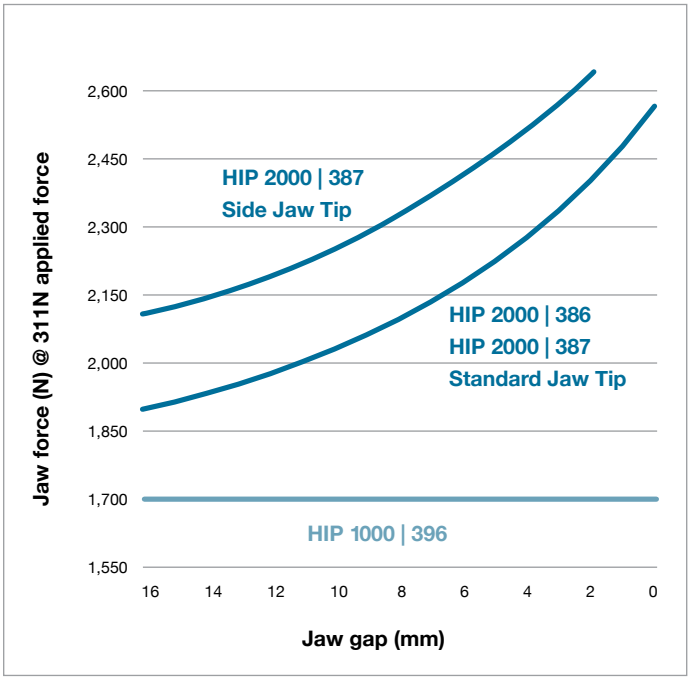
Compound Action Pincers are especially designed for professional use where higher volumes of clamps are closed. The higher mechanical advantage allows the installer to apply up to 30 % lower hand forces, providing comfort and reduced fatigue and risk of strain injury.

The dual purpose side jaw design is designed for tight space constraints. It permits access to install or remove clamps where the standard jaw configuration is limited. The narrower jaw design however requires greater accuracy and precision when closing wide band ear clamps.

CLOSING FORCE COMPARISON CHART

As the clamp is pinched, the mechanical advantage of the compound action tools quickly surpasses single action tool jaw forces. Benefit to user: less applied force needed to pinch clamp. Pinching is easier and quicker.



Notice: Hand pincer closing force consistency cannot be guaranteed, given the inherent variability of applied force. Reference jaw force are guidelines only, actual pincer force varies on the basis of applied hand force, local worker safety limits and specific application properties. Max closing force of clamp may be exceeded. It is the responsibility of the end-user to assure worker safety and final connection integrity.