Hand Installation Pincers (HIP)

HIP 1000 | 396, HIP 1000 | 446, HIP 1000 | 426

Connecting Technology

Recommended for the installation of Genuine Oetiker Ear Clamps

Benefits

- Top sealing performance
- Quick and easy installation
- Ergonomic grip

Single Action Pincer
HIP 1000 | 396
Item No. 14100396

Single Action Pincer - Side Jaws
HIP 1000 | 446
Item No. 14100446

Single Action Pincer - Extra Reach
HIP 1000 | 426
Item No. 14100426

Single action tools: superior strength and high closing force + economic design
Side Jaws: closes clamps from side=ideal for tight spaces.
Extra reach: longer handles = better access to clamps in hard to reach locations

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HIP 1000 | 396

HIP 1000 | 446

HIP 1000 | 426

TECHNICAL DATA OVERVIEW

Single Action Pincer

Model No.	HIP 1000 | 396	HIP 1000 | 446	HIP 1000 | 426
Item No.	14100396	14100446	14100426
Dimenions:			
Length	225.00 mm	225.00 mm	305.00 mm
Width	50.0 mm	50.0 mm	50.0 mm
Height	21.0 mm	21.0 mm	21.0 mm
Weight	361 g	373 g	537 g
Jaw width	20.0 mm	20.0 mm	20.0 mm
Opening gap	25.5 mm	23.8 mm	36.0 mm
Max. ear width	13.0 mm	13.0 mm	13.0 mm
Reference jaw force	1000 N	1000 N	1000 N

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.

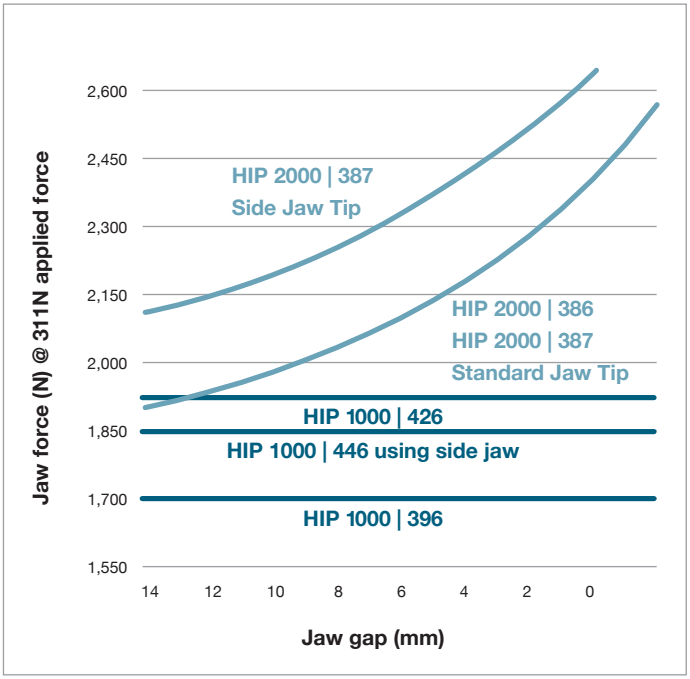
HIP 1000 | 396
Single Action Pincers are economical and effective. Closing force is highly repeatable with a consistent ratio of hand force to jaw tip force.

HIP 1000 | 446
Side Jaw Pincers are designed for better access to clamps in tight spaces.

HIP 1000 | 426
50 mm extra reach over HIP 1000 | 396 for better access to clamps in hard to reach locations and where visibility is limited.

CLOSING FORCE COMPARISON CHART

As the clamp is pinched, the mechanical advantage of the single action HIP 1000 series tool remains constant through the entire stroke. There is no mechanical advantage gained as with the compound action HIP 2000 series tool.



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.

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APPLICABLE CLAMPS

Clamp Product Group Number (mm)	Size* (mm)	Closing Force Max. (N)	Single Action HIP 1000 | 396	Side Jaw Single Action HIP 1000 | 446	Single Action-Extra Reach HIP 1000 | 426
101					
–	4.1–20.0	2500			
105					
–	10.5–17.0	1200	14100396	14100446	14100426
–	18.5–116.0	2000	14100396	14100446	14100426
109					
7 × 0.8	29.5–122.0	1400	14100396	14100446	14100426
9 × 0.8	29.5–122.0	1800	14100396	14100446	14100426
113					
7 × 0.6	30.0–116.0	1400	14100396	14100446	14100426
9 × 0.6	72.0–132.0	2200	14100396	14100446	14100426
117					
7 × 0.6	11.9–17.8	1100	14100396	14100446	14100426
123					
7 × 0.8	18.0–120.5	2400	14100396	14100446	14100426
7 × 0.8	30.0–120.5	2400	14100396	14100446	14100426
151					
–	4.1–20.0	2200	14100396	14100446	14100426
153					
–	3.3–11.0	1400	14100396	14100446	14100426
–	11.3–20.7	2300	14100396	14100446	14100426
–	21.0–30.7	2800			
154					
–	3.3–11.8	1500	14100396	14100446	14100426
–	12.0–20.7	2500			
155					
–	10.5–17.0	1200	14100396	14100446	14100426
–	18.5–116.0	2000	14100396	14100446	14100426
159					
7 × 0.8	25.0–50.0	2400	14100396	14100446	14100426
7 × 0.8	40.0–110.0	2400	14100396	14100446	14100426
163					
7 × 0.6	30.0–50.0	1800	14100396	14100446	14100426
7 × 0.6	56.0–116.0	2400	14100396	14100446	14100426
9 × 0.6	72.0–132.0	2800			
167					
5 × 0.5	6.5–11.8	1000	14100396	14100446	14100426
5 × 0.6	18.5–100.0	1700	14100396	14100446	14100426
7 × 0.6	11.9–17.5	2100	14100396	14100446	14100426
7 × 0.6	17.8–120.5	2400	14100396	14100446	14100426
7 × 0.8	30.9–120.5	2800			
9 × 0.6	21.0–120.5	2800			
193					
7 × 0.6	18.0–120.5	2800			
7 × 0.6	30.0–120.5	2600			

*for all Ear widths up to 13 mm