

Hand Installation Pincer

HIP 7000 | 425



Recommended for closing Oetiker® Ear Clamps requiring closing force ≥ 2000 N

Benefits

- Superior closure performance
- Pinches Oetiker ear clamps
- Compound action reduces necessary grip force
- Quick and easy assembly
- Long lasting and reliable



Hand Installation Pincer for Ear Clamps
HIP 7000 | 425
Item No. 14100425

Increased handle length: Higher closing force

Superior mechanical advantage: Toggle action installs clamps quickly

Center handle reduces open grip span for easier closure



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TECHNICAL DATA OVERVIEW

Compound Action Pincer

Model No.	HIP 7000 425
Item No.	14100425
Dimensions:	
Length	310.0 mm
Width	62.0 mm
Height	27.0 mm
Weight	1045 g
Jaw width	12.5 mm
Maximum Jaw Gap	16.0 mm
Minimum Jaw Gap	2.0 mm
Reference jaw force	7000 N

HIP 7000 | 425 will close Oetiker clamps with required closing force of up to 8000 N

! Note: For ear clamps with maximum closing force of <2000 N, we recommend Oetiker HIP 2000 Series Compound Action Tools.

Caution: Pinch Point

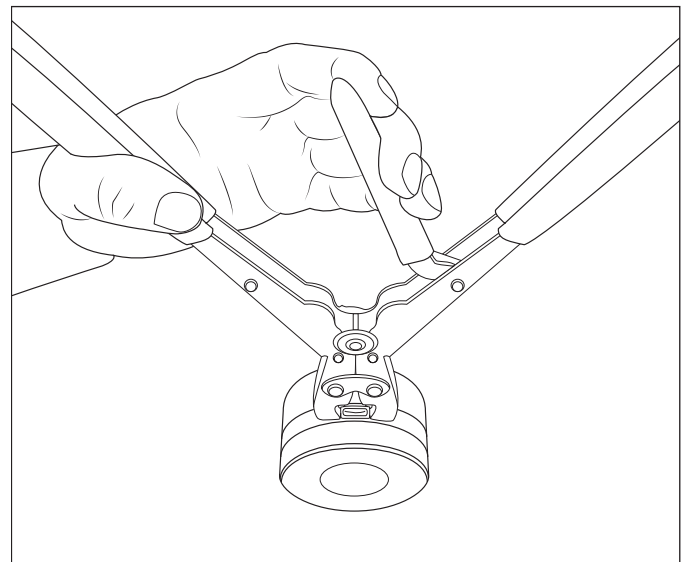
Do not place fingers between the tool handles during the clamp closing process. Fingers between the handles can get pinched.

Compound Action Tools

The compound action mechanism increases the mechanical advantage as the handles are closed, thus providing for higher closing forces when needed most.

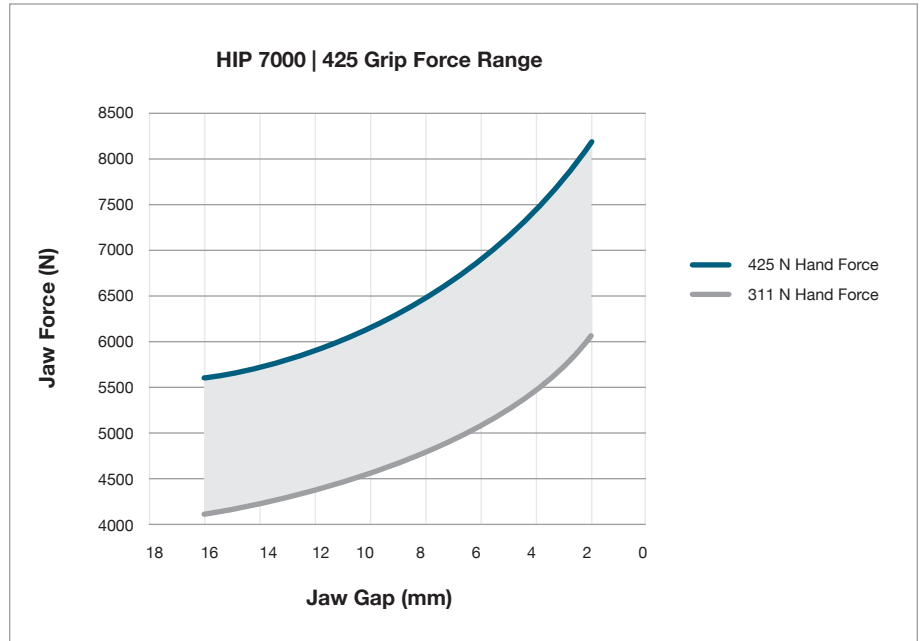
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A center handle attached to one of the handles is used to reduce the wide open grip span at the beginning of the tool stroke, and folds away conveniently as the handles are brought together.



Jaw force depends on two factors:

- Applied Hand Force. Force ranges shown are examples, which may be increased or reduced by the user as needed.
- Jaw Gap. As the clamp is closed, the mechanical advantage of the compound action increases with decreasing jaw gap.



! Notice: Max closing force of clamp may be exceeded.

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