

# Hand Installation Pincers (HIP)

HIP 1000 | 396



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 tools:** superior strength and high closing force + economic design

\*Available in select markets only



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### TECHNICAL DATA OVERVIEW

#### Single Action Pincer

Model No.	HIP 1000   396
Item No.	14100396

#### Dimensions:

Length	225.00 mm
Width	50.0 mm
Height	21.0 mm
Weight	361 g
Jaw width	20.0 mm
Opening gap	25.5 mm
Max. ear width	13 mm
Reference jaw force	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.

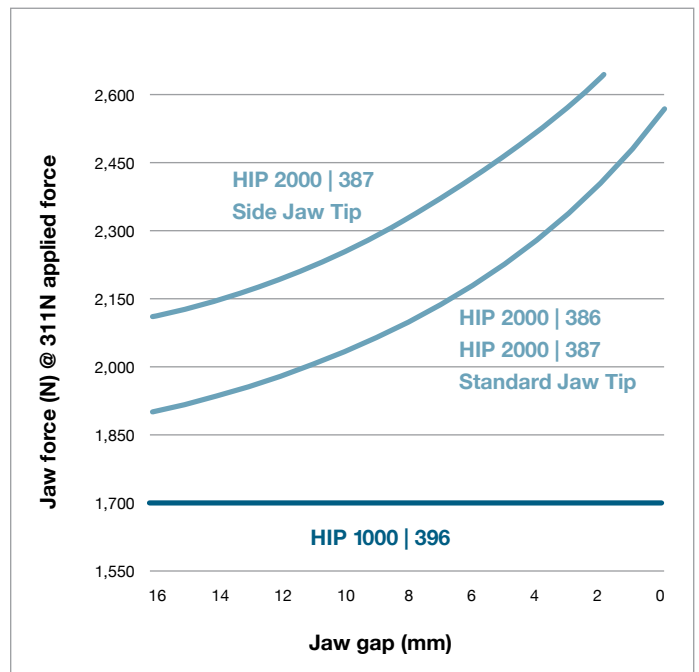
They are designed to produce the highest possible radial loads and uniformity around the circumference of the application, for the best hand installed clamp sealing performance.

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

### CLOSING FORCE COMPARISON CHART

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



APPLICABLE  
CLAMPS

Material Dimensions (mm)	Size* (mm)	Closing Force Max. (N)	Single Action HIP 1000   396
<b>153</b>			
-	3.3-11.0	1400	14100396
-	11.3-20.7	2300	14100396
-	21.0-30.7	2800	
<b>154</b>			
-	3.3-11.8	1500	14100396
-	12.0-20.7	2500	
<b>101</b>			
-	4.1-20.0	2500	
<b>151</b>			
-	4.1-20.0	2200	14100396
<b>105</b>			
-	10.5-17.0	1200	14100396
-	18.5-116.0	2000	14100396
<b>155</b>			
-	10.5-17.0	1200	14100396
-	18.5-116.0	2000	14100396
<b>123</b>			
7 x 0.8	18.0-120.5	2400	14100396
7 x 0.8	30.0-120.5	2400	14100396
<b>193</b>			
7 x 0.6	18.0-120.5	2800	
7 x 0.6	30.0-120.5	2600	
<b>117</b>			
7 x 0.6	11.9-17.8	1100	14100396
<b>167</b>			
5 x 0.5	6.5-11.8	1000	14100396
5 x 0.6	18.5-100.0	1700	14100396
7 x 0.6	11.9-17.5	2100	14100396
7 x 0.6	17.8-120.5	2400	14100396
7 x 0.8	30.9-120.5	2800	
9 x 0.6	21.0-120.5	2800	
<b>109</b>			
7 x 0.8	29.5-122.0	1400	14100396
9 x 0.8	29.5-122.0	1800	14100396
<b>113</b>			
7 x 0.6	30.0-116.0	1400	14100396
9 x 0.6	72.0-132.0	2200	14100396
<b>159</b>			
7 x 0.8	25.0-50.0	2400	14100396
7 x 0.8	40.0-110.0	2400	14100396
<b>163</b>			
7 x 0.6	30.0-50.0	1800	14100396
7 x 0.6	56.0-116.0	2400	14100396
9 x 0.6	72.0-132.0	2800	

\*for all Ear widths up to 13mm