

## 82P-720 Series

### Locating Pin Clamps

Destaco has been providing clamping solutions for welding and assembly applications in the automotive and transportation industry for over 50 years. Today, we continue to use our expertise to provide manufacturers with robust clamping solutions developed specifically to fit their ever evolving applications.

Destaco's 82P-720 Series tolerance compensating pin clamps are designed to hold different sheet metal thicknesses without the need to use shims. The 82P-720 features tandem cylinder that provides consistent clamping force throughout the closing stroke. The sensing system can be mounted at different positions and has a plug can be pivoted. Different pin diameter and shapes are available for greater flexibility in accuracy.



**82P50-720**  
 50mm Cylinder  
 with 19.9mm  
 Diamond Pin

**82P63-720**  
 63mm Cylinder  
 with 40mm  
 Round Pin

### Product Highlights/Options

- Two sizes available - 50mm, 63mm
- Integrated sensing
- Tandem cylinder
- Enclosed body













CLAMPING

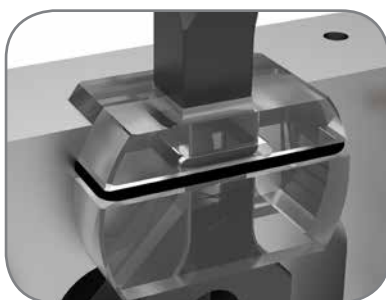


LOCATING

### Features, Markets and Applications

 PRECISION	<ul style="list-style-type: none"> <li>• Tolerance compensation for variable sheet metal thicknesses from 0 to 6 mm</li> <li>• Pin diameters range from 18mm to 40mm</li> </ul>	 AUTOMOTIVE	 ASSEMBLY
 STRENGTH	<ul style="list-style-type: none"> <li>• Consistent clamping force throughout clamping range</li> <li>• Tandem cylinder design for high clamping force</li> <li>• Locks in clamping position for safety</li> </ul>	 INDUSTRIAL	 WELDING
 PERFORMANCE	<ul style="list-style-type: none"> <li>• Self-locking mechanism in clamping position</li> <li>• Sealed and protected against contaminants</li> <li>• Maintenance free - over 3 million cycle</li> </ul>	 AEROSTRUCTURE	 FIXTURE/TESTING
		 CONSUMER GOODS	

## 82P-720 Series Tolerance Compensating Pin Clamp features



Patent pending sealed mechanism

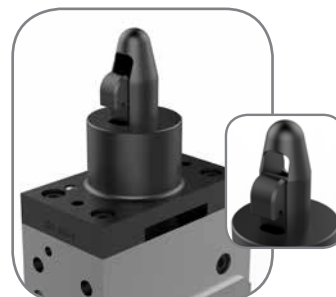


Sensing and 1/8 G ports located at the bottom

Centering Pins are designed with a channel for easy cleaning.



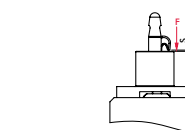
Round Shape



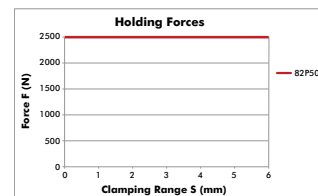
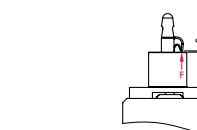
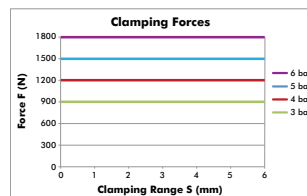
Diamond Shape

## Technical Information

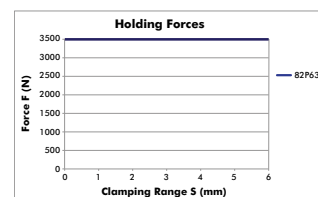
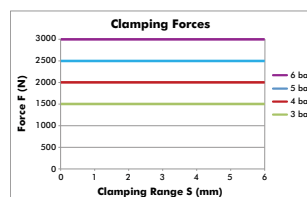
Specification	Unit	82P50	82P63
Clamping Force @ 5 bar	N [lbf]	1500 [337]	2500 [562]
Max. Operating Pressure	bar [psi]	6 [87]	6 [87]
Air Consumption			
Clamping @ 6 bar	liter [in <sup>3</sup> ]	0,66 [40.28]	0,92 [56.14]
Opening @ 6 bar	liter [in <sup>3</sup> ]	0,33 [20.13]	0,46 [28.07]
Weight	kg [lb]	3,2 [7.05]	3,9 [8.59]
Time:			
Clamping	sec	0,3	0,3
Opening	sec	0,3	0,3



82P50



82P63



Dimensions and technical information are subject to change without notice.

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