

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

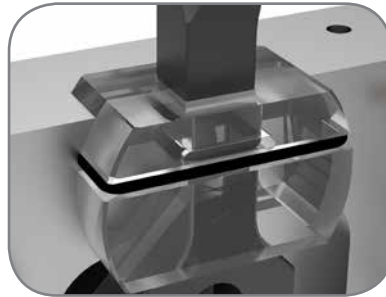
- Two sizes available - 50mm, 63mm
- Integrated sensing
- Tandem cylinder
- Enclosed body



Features, Markets and Applications

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

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.



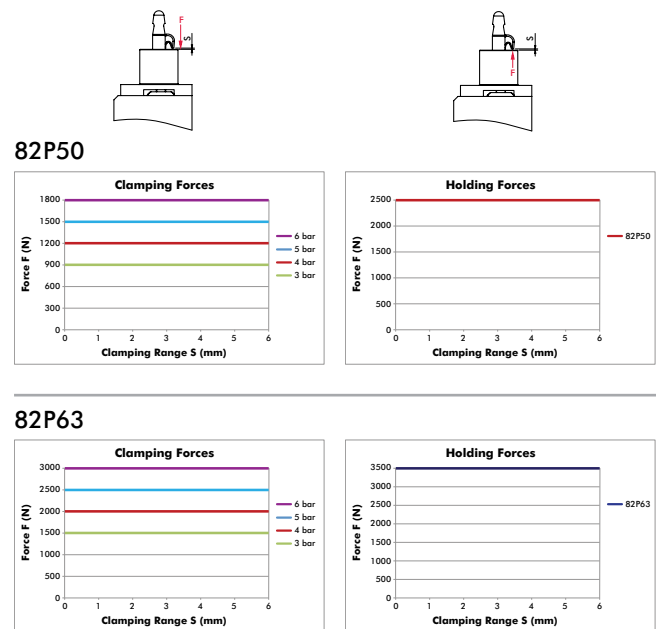
Round Shape



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 ³]	0,66 [40.28]	0,92 [56.14]
Opening @ 6 bar	liter [in ³]	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



Dimensions and technical information are subject to change without notice.

GERMANY
+49-6171-705-0
europe@destaco.com

UNITED KINGDOM
+44-1902-797980
uk@destaco.com

NETHERLANDS
+31-297285332
benelux@destaco.com

THAILAND
+66-2-326-0812
asia@destaco.com

USA
+1-888-DESTACO
+1-248-836-6700
northamerica@destaco.com

FRANCE
Tel: +33-4-7354-5001
france@destaco.com

SPAIN
+34-936361680
spain@destaco.com

CHINA
+86-21-6081-2888
china@destaco.com

INDIA
+91-80-41123421-426
india@destaco.com