

82P-720 SERIES LOCATING PIN CLAMPS



CLAMPING



LOCATING

Clamp with Confidence

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



PRECISION

- Tolerance compensation for variable sheet metal thicknesses from 0 to 6 mm
- Pin diameters range from 18mm to 40mm



STRENGTH

- Consistent clamping force throughout clamping range
- Tandem cylinder design for high clamping force
- Locks in clamping position for safety



PERFORMANCE

- Self-locking mechanism in clamping position
- Sealed and protected against contaminants
- Maintenance free - over 3 million cycle

Markets



AUTOMOTIVE



INDUSTRIAL



AEROSTRUCTURE



CONSUMER GOODS

Applications



ASSEMBLY



WELDING



FIXTURE/TESTING

PC_82P-F_0916_US

82P-720 SERIES LOCATING PIN CLAMPS

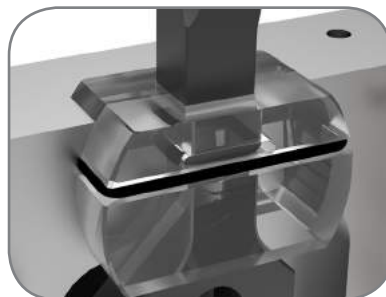


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82P-720 Series Tolerance Compensating Pin Clamp features



Patent pending sealed mechanism

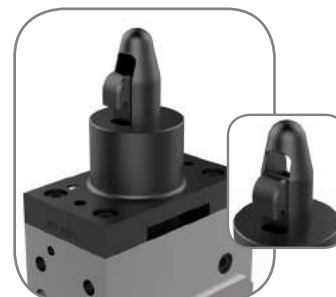


Sensing and 1/8 G ports located at the bottom

Centering Pins are designed with a channel for easy cleaning.



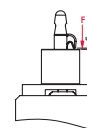
Round Shape



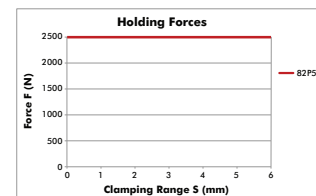
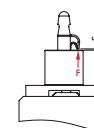
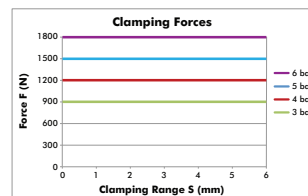
Diamond Shape

Technical Information

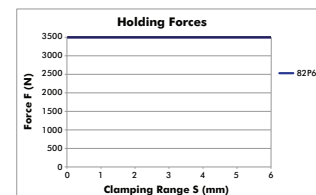
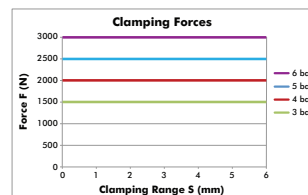
Specification	Unit	82P50	82P63
Clamping Force @ 5 bar	N [lbf]	1500 [337]	2500 [562]
Max. Operating Pressure	bar [psi]	6 [87]	6 [87]
Air Consumption			
Clamping @ 6 bar	liter [in ³]	0,66 [40.28]	0,92 [56.14]
Opening @ 6 bar	liter [in ³]	0,33 [20.13]	0,46 [28.07]
Weight	kg [lb]	3,2 [7.05]	3,9 [8.59]
Time: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



82P50



82P63



Dimensions and technical information are subject to change without notice.

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