

84A40/50 Series

Dual-Arm Tolerance Compensation Clamp

Destaco's new 84A40 and 84A50 dual-arm tolerance compensation clamps are offered in two sizes and have a cam-type mechanism for smooth operation. This design offers customers consistent high clamping force throughout the clamping stroke.

The standard clamp arm motion is 90° for each arm, in a scissors-like action for a total opening of 180°. There is 2° of compensation per clamping arm or 4° total compensation, allowing the clamp to self adjust without the need to use shims.

The enclosed design protects the clamp when used in welding and other rigorous, harsh environment applications, enabling the clamp to last for millions of cycles.

When it comes to holding and positioning workpieces perfectly in place, Destaco has the right clamps to get the job done.

CLICK OR SCAN
QR codes for full catalog pages on this product

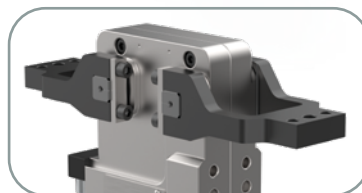


84A40
Shown with
A02 U-Arm

84A50
Shown with
A01 U-Arm

Product Highlights/Options

- Tolerance compensating
- 90° clamp arm motion
- Multiple clamp arm options
- High clamping force, compact size



HOLD-DOWN



GRIPPING



PICK & PLACE

Features, Markets and Applications

<p>PERFORMANCE</p>	<ul style="list-style-type: none"> • Tolerance compensation for flexible part thickness handling • Simultaneous clamping motion for equal clamping from both sides • Lubricated for life for minimal wear and long life 	<p>AUTOMOTIVE</p>	<p>WELDING</p>
<p>STRENGTH</p>	<ul style="list-style-type: none"> • High clamping force through the range of clamping motion • Compact enclosed body for durability in harsh and welding application 	<p>INDUSTRIAL</p>	<p>HARSH ENVIRONMENT</p>
<p>INTERCHANGEABLE</p>	<ul style="list-style-type: none"> • Same standard foot mounting pattern as other Destaco clamping products • Uses standard Destaco sensor package offering 	<p>CONSUMER GOODS</p>	<p>FIXTURE/TESTING</p>

84A40/50 Dual-Arm Tolerance Compensation Clamp

84A40/50 Base Models



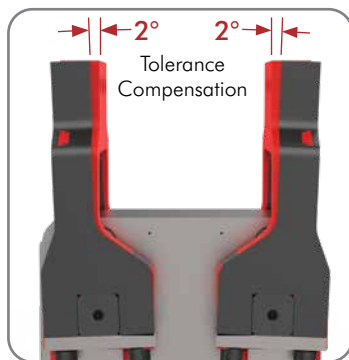
40mm

Max Holding Torque
29 Nm
Max Clamping Torque
29 Nm at 5bar

50mm

Max Holding Torque
136 Nm
Max Clamping Torque
136 Nm at 5bar

84A40/50 Tolerance Compensation



Dual Arm Compensation

- 2° of tolerance compensation per clamp arm
- Compensates for variable sheet metal thicknesses
- There is no need for shimming

Available Clamp Arm Options



A01
U-Clamping Arm
Double Tip
Surface Clamping



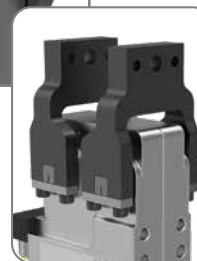
A02
U-Clamping Arm
Single Tip
Point Clamping



A03
U-Clamping Arm
Double Tip
Surface Clamping

84A50 ▲
Wide Profile

84A40 ▶
Standard Profile



A04 (84A50 Only)
U-Clamping Arm
Double Tip
Surface Clamping
Wide Profile

Dimensions and technical information are subject to change without notice.

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