

# 84A40/50 Series

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



## 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.

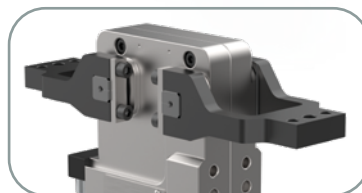


84A40  
Shown with  
A02 U-Arm

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

## 84A40/50 Dual-Arm Tolerance Compensation Clamp

### 84A40/50 Base Models



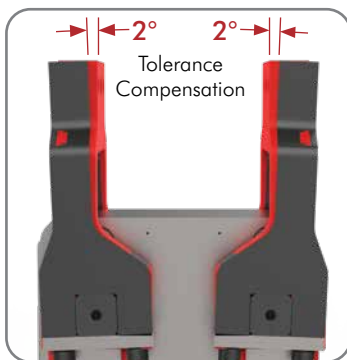
**40mm**

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



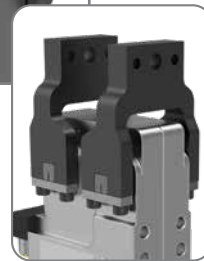
**A02**  
U-Clamping Arm  
Single Tip  
Point Clamping



**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.

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