

6004-SW Series

Manual Swing Clamp

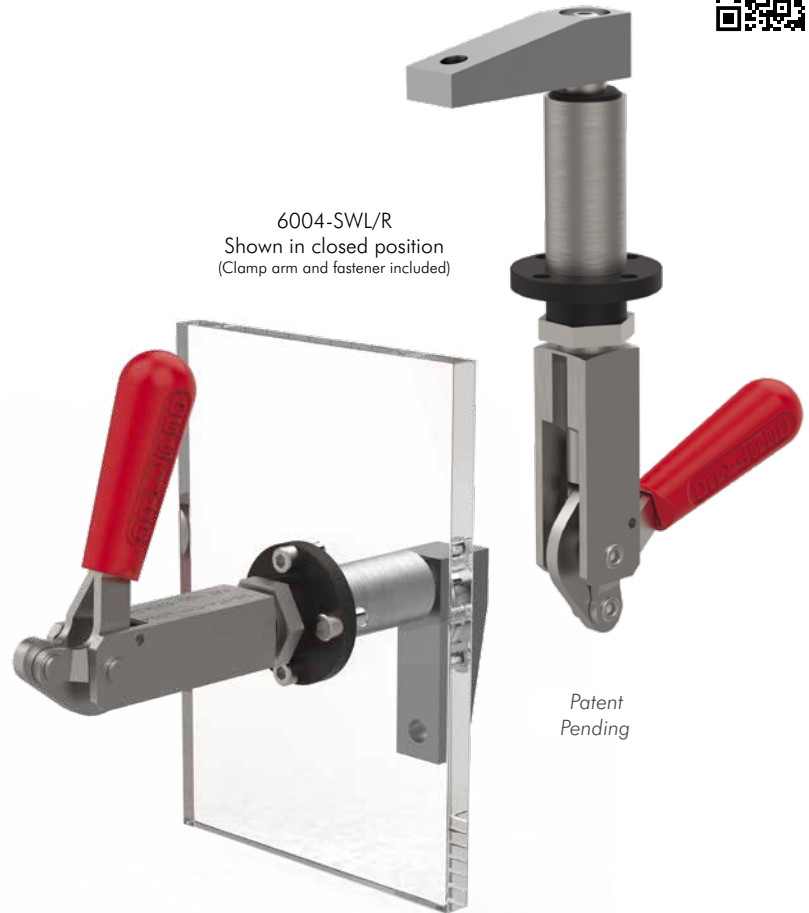


DESTACO's new 6004-SW series manual swing clamp combines two existing clamping technologies, offering the function of a pneumatic swing clamp and the manual operation of the straight line action clamp.

The 6004-SW's patented design and function offers an average 15:1 mechanical advantage, providing higher clamping forces than pneumatic version.

This design also allows customers to mount this clamp through a bulkhead or fixture. Once mounted, the handle can be repositioned radially 180° from its original position and the clamp arm can be adjusted 360° radially - offering customers greater flexibility in their workholding applications.

Like other swing clamps in DESTACO's offering, the 6004-SW clamp arms swing up and out of the way for easy part loading/unloading.













Product Highlights/Options

- Left or right swing motion available
- 90° Swing clamp arm motion
- Higher clamping force than pneumatic version
- Though-hole mounting

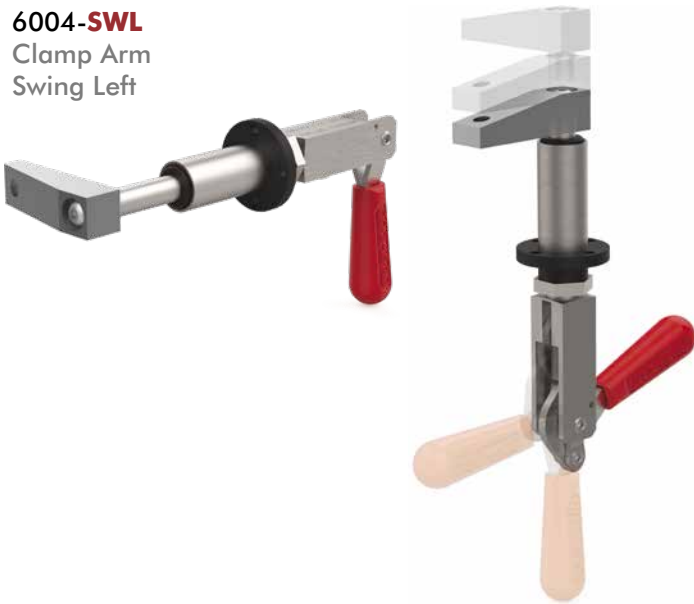


Features, Markets and Applications

 <p>SAFETY</p>	<ul style="list-style-type: none"> • Ergonomic handle for greater operator comfort and control. • Handle can be radially positioned up to 180° for better ergonomics. • Clamp arm can be radially positioned 360° for flexibility. 	 <p>INDUSTRIAL</p>	 <p>FIXTURE/TESTING</p>
 <p>PERFORMANCE</p>	<ul style="list-style-type: none"> • Cam-driven mechanism for smooth operation. • Clamp arm swings out of the way for easy part loading/unloading. 	 <p>AUTOMOTIVE</p>	 <p>WELDING</p>
 <p>STRENGTH</p>	<ul style="list-style-type: none"> • Average 15:1 mechanical advantage provides higher clamping force than pneumatic versions. 	 <p>AEROSPACE</p>	 <p>ASSEMBLY</p>  <p>CNC MACHINING</p>

6004-SW Manual Swing Clamp

6004-SWL
 Clamp Arm
 Swing Left



6004-SWR
 Clamp Arm
 Swing Right



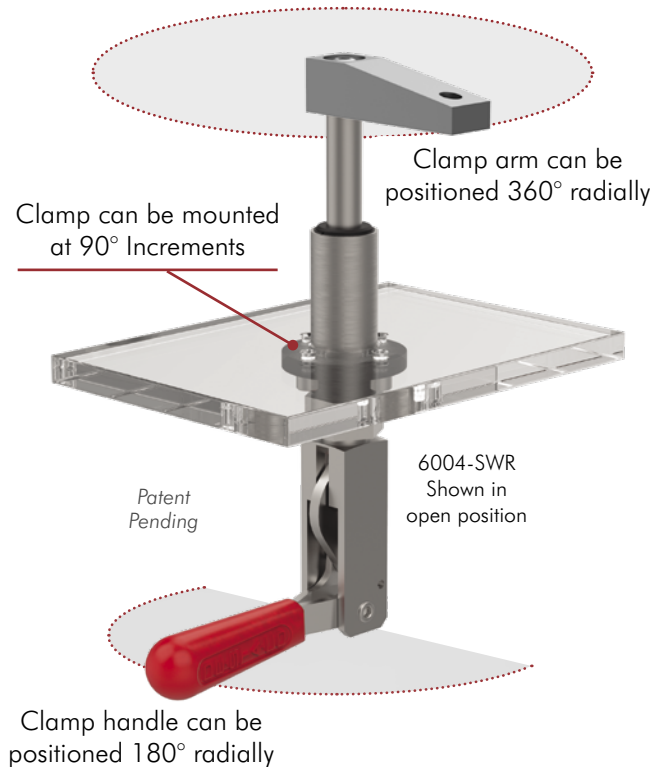
Technical Information

Model	Swing Direction	Total Stroke [in]mm	Stroke During Rotation [in] mm	Stroke Straight Pull [in] mm	Weight [lb] kg
6004-SWL	LH	[1.50]	[0.87]	[0.63]	[1.32]
6004-SWR	RH	38	22	16	0,6

Applied Force (on handle) [lbs] N	[40]	[30]	[20]	[10]
Plunger Pull Force (straight pull)	[576] 2562	[432] 1922	[288] 1281	[144] 641
Clamp Force (with arm shown below)	[323] 1437	[269] 1197	[189] 841	[108] 480

Higher clamping forces than pneumatic version

Flexible Handle and Clamp Arm Positioning



Dimensions and technical information are subject to change without notice.

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

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

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

SPAIN
 +34-936361680
 spain@destaco.com

NETHERLANDS
 +31-297285332
 benelux@destaco.com

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

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

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

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