

6004-SW Series

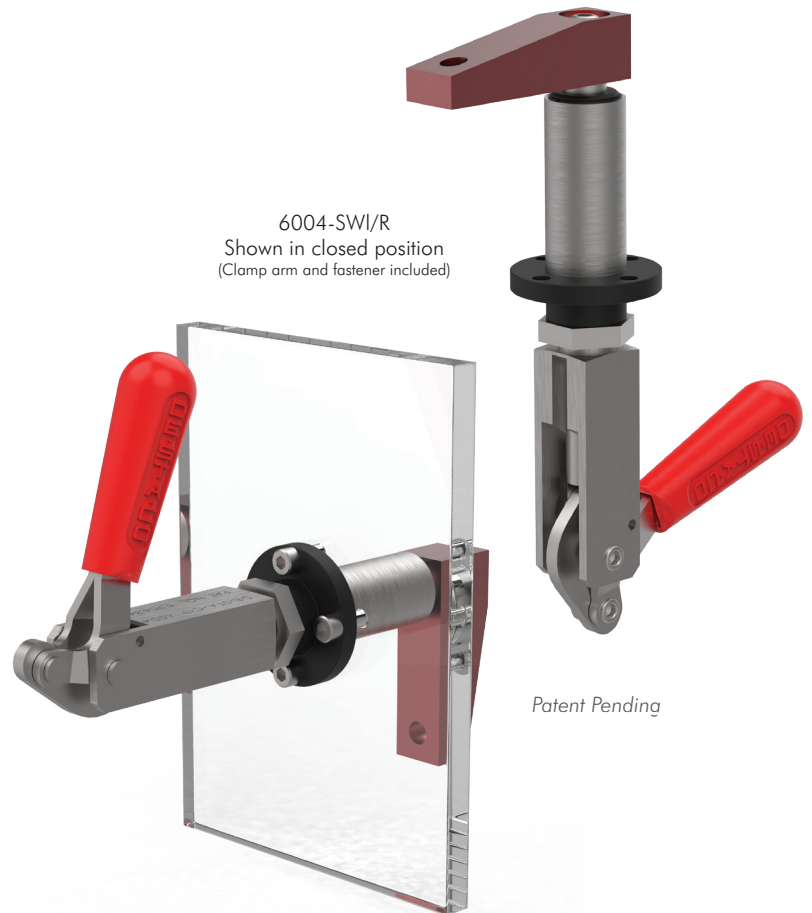
Manual Swing Clamp

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

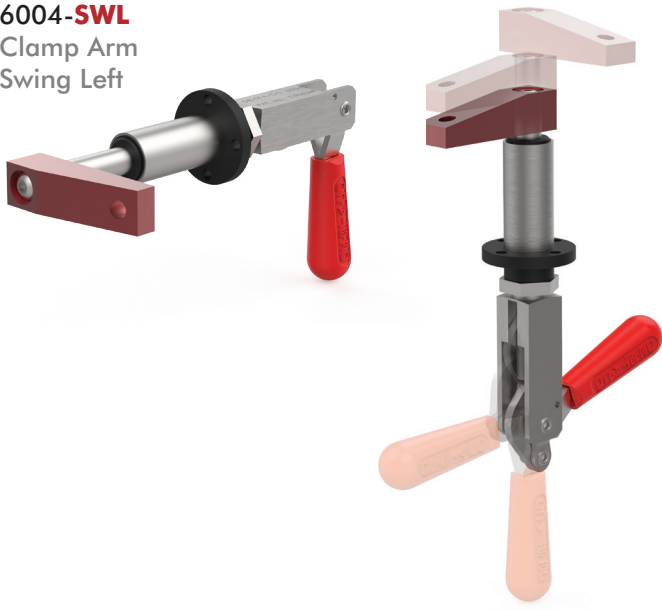


Features, Markets and Applications

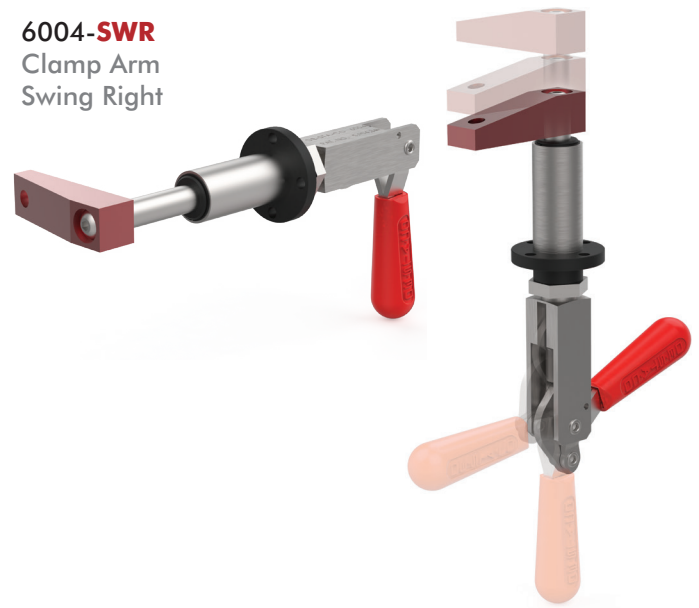
 SAFETY	<ul style="list-style-type: none"> • Ergonomic handle for greater operator comfort and control. • Handle can be radially positioned up to 180° for better ergonomics. • Clamp arm can be radially positioned 360° for flexibility. 	 INDUSTRIAL	 FIXTURE/TESTING
 PERFORMANCE	<ul style="list-style-type: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

6004-SW Manual Swing Clamp

6004-SWL
Clamp Arm
Swing Left



6004-SWR
Clamp Arm
Swing Right



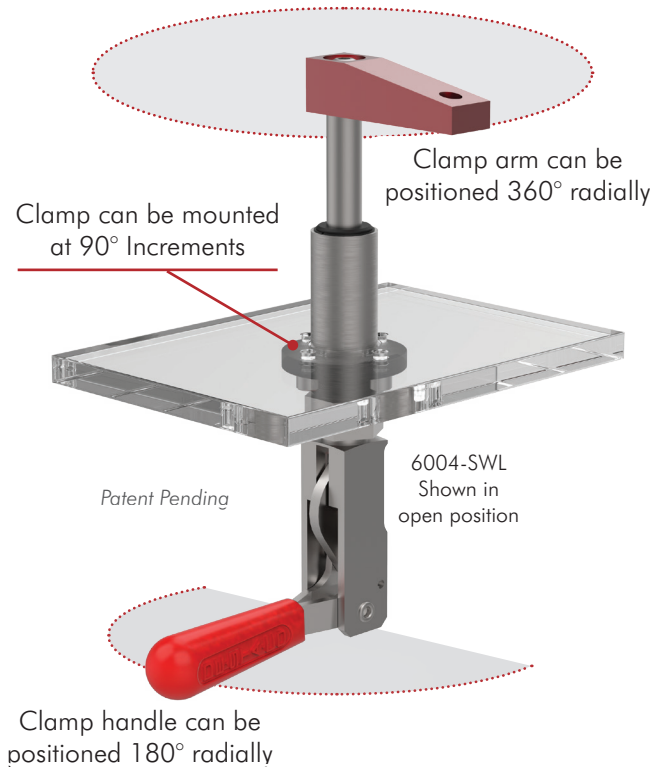
Technical Information

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

Forces	[lbs] N			
Applied Force (on handle)	[40] 178	[30] 133	[20] 89	[10] 44
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.

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