

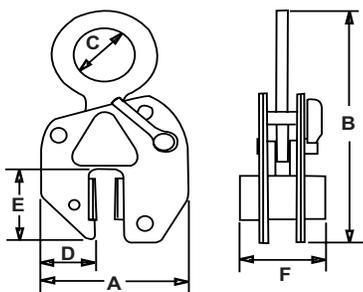
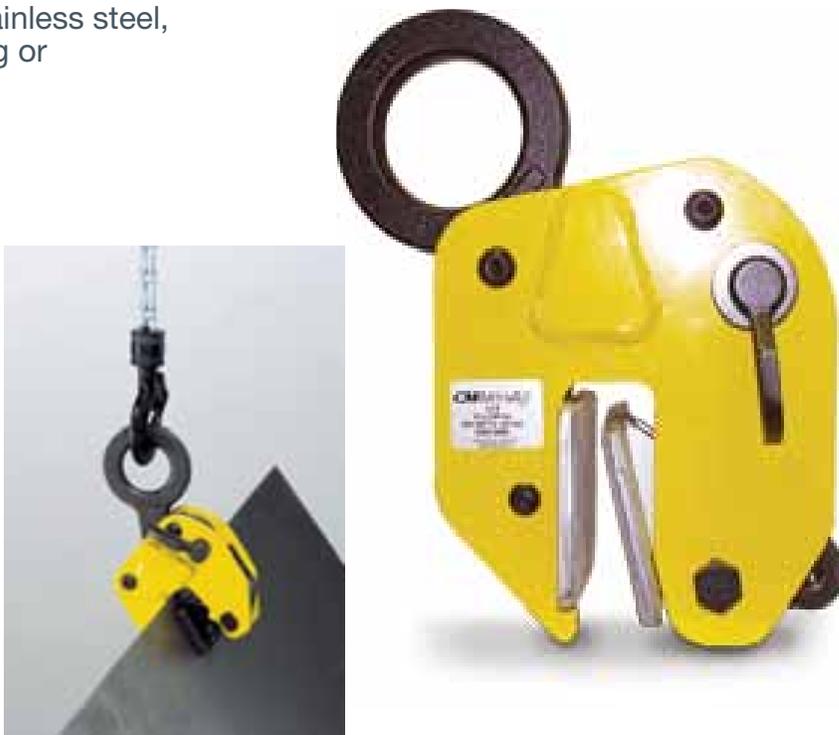
## LJ GENTLE GRIP CLAMP

**WORKING LOAD LIMIT: 60 TO 3,300 LBS.**

LJ Plate Clamps can be used to lift and turn all structural steel plates, including stainless steel, iron and aluminum, without marking or damaging the surface.

### BENEFITS & FEATURES

- Designed to lift thin-gauge steel plates, stainless steel, iron, timber, and aluminum without marring or damaging the surface
- Lifts plates from the horizontal to vertical position and vice versa through 180°
- The performance on the leather jaws is not affected by standing water so the clamp can be used with submerged plasma cutting machines
- The LJ clamp is suitable for surface hardness greater than 300 Brinell (32HRc)
- Minimum load will not affect the LJ clamps as they do not have teeth for bite. However some load is required to combat friction in the clamp. Extra care must be taken when lifting plates in the lower 20% of their rated capacity. Thin plates are best lifted with the fixed jaw on top when performing a horizontal to vertical lift.
- The clamp may not be suitable for lifting highly polished plates where the polish process may leave lubricating compounds
- Design factor 4:1



### ► INSPECTION, CARE & USE

**DO NOT** use the clamp on plates with surface contamination (dirt, grease, scale, etc...). Minimize dirt and dust on the surface to be lifted. Pads can tolerate surface water on the plate but shall not be submerged under water.

**DO NOT** use on smooth polished surfaces. Polished surfaces leave behind lubricating compounds. The leather pads need to surround the irregularities in the surface to grip the load effectively.

**DO** clean the leather pads regularly. Clean in water only and use a brass suede brush to rough up the surface.

**DO NOT** use solvents to clean the jaw lining as this may affect the bond between the surface material and the metal of the jaw.

**DO** inspect the clamp before each use. Make sure the pads are clean. If pads are cut or worn, or can not be cleaned, take clamp out of service and replace pads. When in doubt, remove clamp from service.

For more information, visit us at [www.cmworks.com](http://www.cmworks.com)

Product Code	Working Load Limit		Jaw Capacity (in.)	Dimensions (in.)						Weight (lbs.)
	Minimum (lbs.)	Maximum (lbs.)		A	B	C	D	E	F	
LJ500	60	1,100	0 to 3/8	5.000	7.874	2.165	2.047	2.717	2.992	7.7
LJ1500	400	3,300	0 to 3/4	8.465	13.583	3.346	2.953	5.315	4.646	26.5