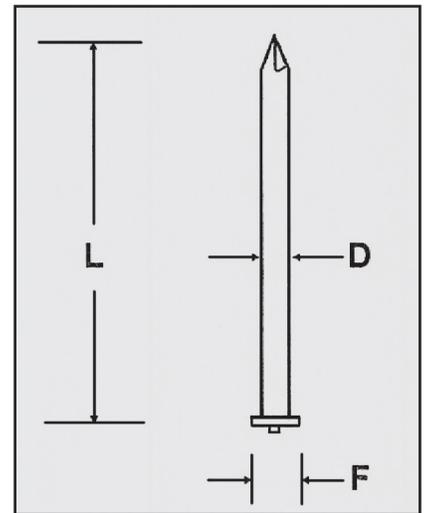


## SPECIFICATIONS

Capacitor Discharge (CD) Stud Welding pins involve the same basic principles and metallurgical aspects as any other arc welding procedure. When the gun is activated, a special precision weld tip initiates a controlled electric arc from the welder capacitor bank, which then melts the end of the stud and a portion of the base metal.

The stud is held in place as the molten metal solidifies instantly accomplishing a high quality fusion weld. CD Stud welding is generally used to weld smaller diameter studs to thin base metals, especially where reverse side marking is not permissible. Since the entire weld cycle is completed in milliseconds, welds can be made to thick material without pronounced distortion, burn-through or reverse side discoloration. CD Stud Welding is compatible with just about any weldable material, and permits the welding of some dissimilar metals.



### CD Weld Pin Specifications

Material	Finish	"D"	min "L"	Mild Steel/ Stainless Steel "F"
Low Carbon Steel	Mild Steel Pins are copper coated. Other coatings quoted upon request	10 Gauge (.135)	2½	.220
304 Stainless Steel		12 Gauge (.105)	2½	.220

For more information on GLT Products, please visit us online at [www.gltproducts.com](http://www.gltproducts.com) or call toll-free at **1-800-874-1748**.



#### HEADQUARTERS:

6810 Cochran Road | Solon OH 44139 | 440.914.1122 | 440.914.1133 Fax | **1.800.874.1748**

#### DISTRIBUTION CENTERS:

**Ohio:** 6810 Cochran Road | Solon OH 44139 | 440.914.1122

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**California:** 4113 Gold River Lane | Stockton, CA 95215 | 1.800.833.4500