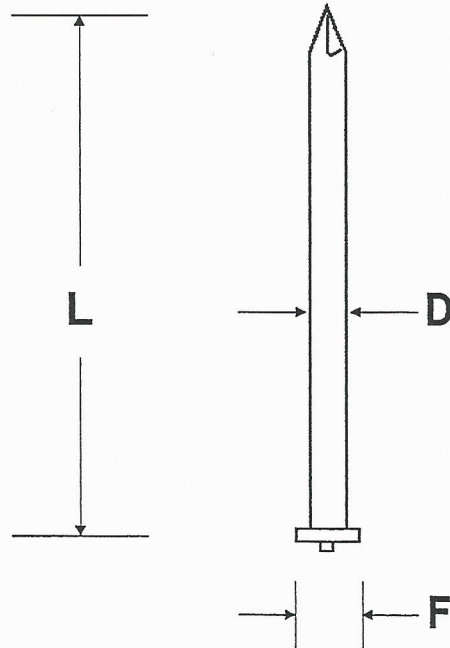


CAPACITOR DISCHARGE (CD) WELD PINS - 10 & 12 GAUGE



SPECIFICATIONS

MATERIAL	FINISH	DIA. "D" ***	MIN. "L"	M.S "F"	S.S "F"	ALUM. "F"
Low Carbon Steel 304 Stnls Steel Aluminum	Mild steel pins are copper coated. Others no finish.	12 Gauge (.105) 10 Gauge (.135)	3/8" to 18"	12 Ga. (.175) 10 Ga. (.220)	12 Ga. (.175) 10 Ga. (.220)	12 Ga. (.220) 10 Ga. (.250)

*** 11ga(3mm) available upon request.

DESCRIPTION:

Capacitor Discharge (CD) Studwelding involves 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 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 Studwelding 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 thin 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.