



Capacitor Discharge (CD) Weld Pins

| Size | D | FD (Steel) | FD (Aluminum) |
|------|-------|------------|---------------|
| 14GA | 0.080 | 0.160 | - |
| 12GA | 0.105 | 0.180 | 0.230 |
| 3MM | 0.118 | 0.190 | 0.240 |
| 10GA | 0.135 | 0.195 | 0.250 |

Materials

Low Carbon Steel

C - 0.23% max. P - 0.04% max.
Mn - 0.90% max. S - 0.05% max.

Stainless Steel

AISI grade - 302/304/305 std.
Other grades available upon request.

Aluminum

Alloy - 1110-H14 std.
Other alloys available upon request.

Mechanical Properties

Low Carbon Steel

Tensile - 60,000 psi (min.)
Yield - 50,000 psi (min.)
Elongation - 20% (in 2 inches)

Stainless Steel

Values for various grades are available upon request

Aluminum

Values for various grades are available upon request

Plating

Galvanized and Copper plating are available for Low Carbon Steel.

Annealing

Low Carbon Steel pins are annealed when required.

Washers

Self-locking washers are available in a variety of sizes, shapes, and materials.

Application

This is the standard weld pin used for most applications.

Please click the Request Information button to configure your Capacitor Discharge (CD) Weld Pins.