Capacitor Discharge (CD) Weld Pins

<table>
<thead>
<tr>
<th>Size</th>
<th>D</th>
<th>FD (Steel)</th>
<th>FD (Aluminum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14GA</td>
<td>0.080</td>
<td>0.160</td>
<td>-</td>
</tr>
<tr>
<td>12GA</td>
<td>0.105</td>
<td>0.186</td>
<td>0.230</td>
</tr>
<tr>
<td>3MM</td>
<td>0.118</td>
<td>0.196</td>
<td>0.240</td>
</tr>
<tr>
<td>10GA</td>
<td>0.135</td>
<td>0.196</td>
<td>0.250</td>
</tr>
</tbody>
</table>

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.