



# CD STUDS: FLANGED

**To order or specify give:**  
 Product Code: CD F    Diameter: Specify D    Length: Specify L    Material: Specify

|        | STUDS (INCHES) |      |       | STUDS (METRIC) |        |       |
|--------|----------------|------|-------|----------------|--------|-------|
|        | D              | FD   | MIN L | D              | MAX FD | MIN L |
|        | 2-56           | .156 | .250  | M3 X .5        | 5.3    | 6MM   |
|        | 4-40           | .187 | .250  | M4 X .7        | 6.3    | 6MM   |
|        | 6-32           | .218 | .250  | M5 X .8        | 7.3    | 6MM   |
|        | 8-32           | .250 | .250  | M6 X 1.0       | 8.3    | 10MM  |
|        | 10-32          | .255 | .250  | M8 X 1.25      | 10.8   | 10MM  |
|        | 10-24          | .255 | .250  | M10 X 1.50     | 11.9   | 16MM  |
|        | 1/4-20         | .325 | .375  |                |        |       |
|        | 5/16-18        | .390 | .500  |                |        |       |
| 3/8-16 | .437           | .500 |       |                |        |       |

|                              |   |  |
|------------------------------|---|--|
| <b>MATERIAL</b>              | <b>MILD STEEL</b><br>C – 0.23% max. P – 0.04% max.<br>Mn – 0.90% max. S – 0.05% max | <b>STAINLESS STEEL</b><br>AISI grade<br>302 standard<br>304/316 available upon request |
| <b>MECHANICAL PROPERTIES</b> | Tensile ..... 60,000 psi (min.)<br>Yield ..... 50,000 psi (min)                     | Tensile.....85,000 psi (min.)<br>Yield.....40,000 psi (min.)                           |
| <b>PLATING</b>               | Copper plating is standard  | Does not apply to stainless  |
| <b>ANNEALING</b>             | Studs are annealed where required   | Studs are annealed where required  |

|                              |  |   |
|------------------------------|--|---|
| <b>MATERIAL</b>              | <b>ALUMINUM</b><br>Alloy 1100 & 5000 Series<br>Other alloys available upon request | <b>BRASS</b><br>Alloy (lead free) 70 – 30 standard. Other alloys available upon request |
| <b>MECHANICAL PROPERTIES</b> | Values for various alloys available upon request                                   | Tensile.....70,000 psi (min.)<br>Yield.....50,000 psi (min.)                            |

[www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com)

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