

C D Weld Studs



THREAD SIZE	FLANGE DIAMETER	STANDARD STUD LENGTHS (mm)
M3	4.5	6, 8, 10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50
M4	5.5	6, 8, 10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50
M5	6.5	6, 8, 10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50, 60
M6	7.5	8, 10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50, 60
M8	9.0	10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50, 60
M10	11.0	12, 15*, 16, 20, 25, 30, 35, 40, 45, 50

C D Weld Studs are available in various sizes, lengths and materials.

Capacitor discharge fasteners have a small pip under the weld end which melts during the arc and welds the end of the fastener to the material, this is assisted by spring pressure from the welding gun.

The process is completed from one side only and leaves a smooth and usually unmarked reverse side due to the extremely low weld penetration depth.

C D Weld Pins



PIN SIZE	FLANGE DIAMETER	STANDARD STUD LENGTHS (mm)
3mm	4.5	6, 8, 10, 12, 15*, 16, 20, 25, 30, 35, 40
4mm	5.5	6, 8, 10, 12, 15*, 16, 20, 25, 30, 35, 40
5mm	6.5	8, 10, 12, 15*, 16, 20, 25, 30, 35, 40, 45, 50
6mm	7.5	10, 12, 15*, 16, 20, 25, 30, 35, 40
7.1mm	9.0	10, 12, 15*, 16, 20, 25, 30

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Capacitor discharge fasteners have a small pip under the weld end which melts during the arc and welds the end of the fastener to the material, this is assisted by spring pressure from the welding gun.

C D Weld Pins have all the advantages of the threaded C D Weld Studs and provide a smooth pin for location purposes or for attaching to.