

# CD Weld Studs

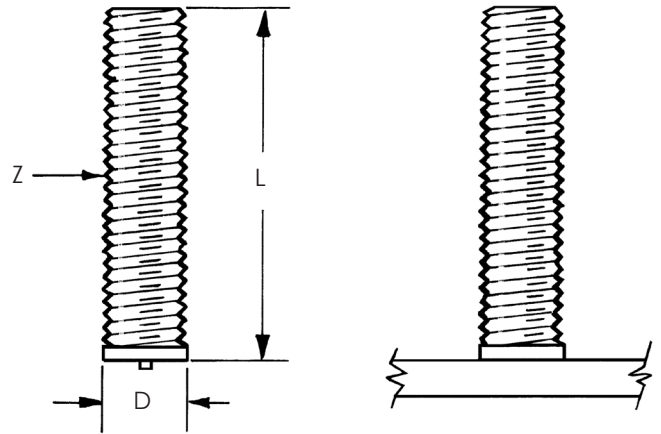
## CDN - CD THREADED NON FLANGED WELD STUDS - TECHNICAL DETAILS

The Capacitor Discharge (CD) Stud Welding process is designed for welding CD type studs to sheet metal with little to no reverse side marking.

The Arc - Short Cycle process is also used to weld CD type studs to sheet metal and plate.

The smaller flange diameter allows for smaller diameter holes in components to be mounted on welded studs.

For assistance contact Sunbelt Stud Welding.



Stud Specifications				Standard Accessories				
Thread Size	Stud Diameter	Flange Diameter	Min. Length	B Collet Standard 1-3/8" Long	B Collet Short 1-3/16" Long	Long Collet 2-3/8" Long	Euro Collet 1.80" Long	Collet Inserts 1-3/4" Long
C	Z	D	L	P/N *	P/N *	P/N **	P/N	P/N ***
4-40	0.112	0.116	0.250	CDB-010	CDB-010A	CDBN-010	CDBS-010	CI-010-XXX
6-32	0.138	0.142	0.250	CDB-013	CDB-013A	CDBN-013	CDBS-013	CI-013-XXX
8-32	0.164	0.168	0.250	CDB-015	CDB-015A	CDBN-015	CDBS-015	CI-015-XXX
10-24	0.190	0.194	0.250	CDB-018	CDB-018A	CDBN-018	CDBS-018	CI-018-XXX
10-32	0.190	0.194	0.250	CDB-018	CDB-018A	CDBN-018	CDBS-018	CI-018-XXX
1/4-20	0.250	0.252	0.250	CDB-025	CDB-025A	CDBN-025	CDBS-025	CI-025-XXX
5/16-18	0.312	0.315	0.500	CDB-031	CDB-031A	CDBN-031	CDBS-031	CI-031-XXX
3/8-16	0.375	0.380	0.500	CDB-037	CDB-037A	CDBN-037	CDBS-037	CI-037-XXX

\* Note, requires B Stop, see Accessories for details

\*\* Note, Requires Long Style Stops, see Accessories for details

\*\*\* Note, Collet Inserts are specific to stud length, see Accessories for details

To order or specify give: Stud Code, C x L, Material and Quantity

Example: CDN, 10-24 x 0.50, Mild Steel, 2500 pcs.

See **Accessories** for accessory details. See **CD Stud Welding General Information** and **Technical Details** for process description, material combinations, reverse-side marking, locating options, technical details, guidelines, torque values, weight charts and standard stock sizes.



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