

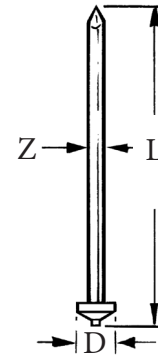
# Insulation Pins

## CWP – CD WELD PINS – TECHNICAL DETAILS

Weld pins are commonly used to attach blanket insulation to ducts, ovens, boilers and hot/cold equipment. The pins are welded in place, the insulation impaled over the pin and then self locking washers are installed over the pin to secure the insulation.

The CD process is used to weld CD type studs to sheet metal and plate.

For application, dimensional and technical assistance, contact Sunbelt Stud Welding.



Stud Specifications							
10 Gauge				12 Gauge			
Stud Diameter	Flange Diameter	Standard Lengths	Pounds Per 1,000 Pieces	Stud Diameter	Flange Diameter	Standard Lengths	Pounds Per 1,000 Pieces
Z	D	L		Z	D	L	
10 Gauge 0.135	0.220	1.0	5	12 Gauge 0.105	0.175	0.75	2
		1.5	7			1.0	3
		2.0	8			1.25	4
		2.5	11			1.5	5
		3.0	13			2.0	6
		3.5	15			2.5	7
		4.0	17			3.0	8
		4.5	18			3.5	9
		5.0	21			4.0	11
		5.5	22			4.5	12
		6.0	25			5.0	13
		6.5	26			5.5	14
		7.0	29			6.0	15
		8.0	33			6.5	16
9.0	37	7.0	17				
	41	8.0	20				
		9.0	24				

To order or specify give: Stud Code, Z x L, Material and Quantity  
 Example: CWP, 10 Ga. X 4, Mild Steel, 5000 pcs.

**Materials:** Low carbon steel (copper plated), stainless steel 18-8 and aluminum are standard. Other materials are available upon request. Material is annealed as required.

**Plating:** Galvanized Weld Pins and other coatings are available.

**Accessories:** See the Accessories section for details. P/N's CDB-013, CDB-013A, CDBN-013, CDBS-013, CIP-014-075 and CDB-010, CDB-010A, CDBN-010, CDBS-010, CIP-010-075

**Self Locking Washers:** See Technical Details in this section.



website [www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com) email [info@sunbeltstudwelding.com](mailto:info@sunbeltstudwelding.com)  
 6381 Windfern Road, Houston, TX 77040 telephone 1.800.462.9353 - Houston 713.939.8903 fax 713.939.9013