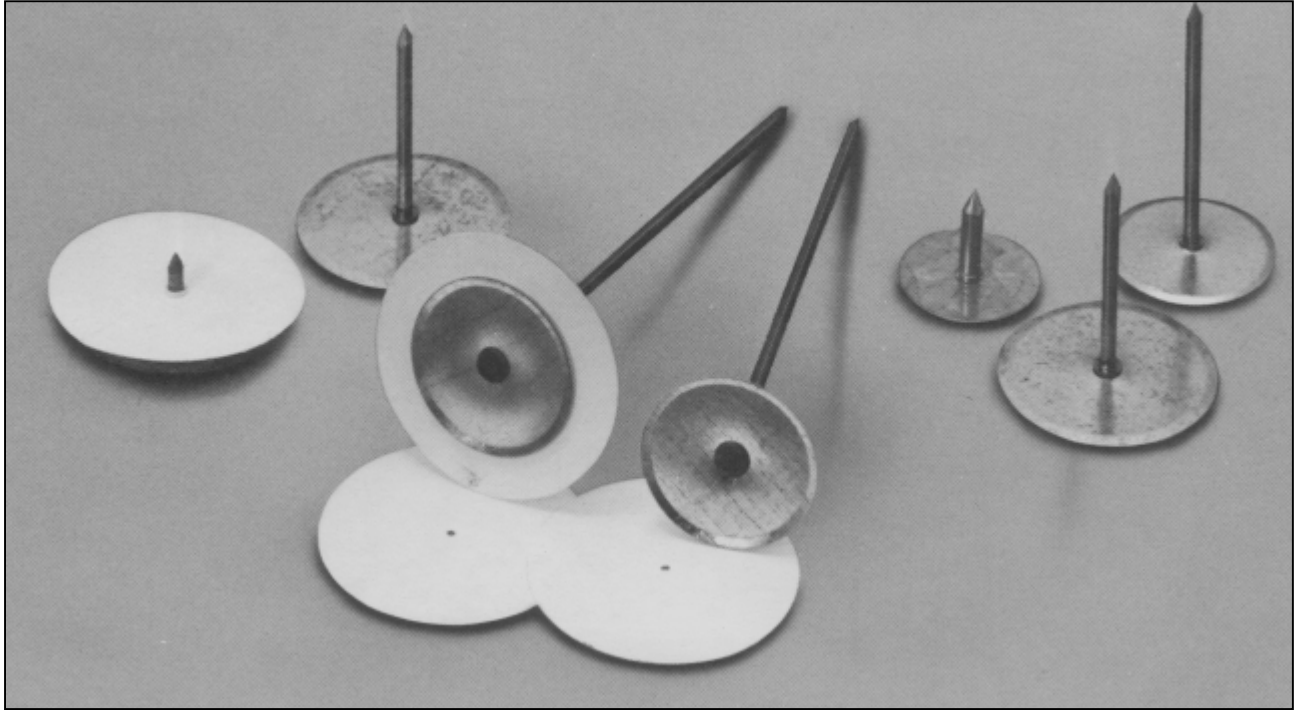




**CUP HEAD PINS**



**SUNBELT** Cup Head Pins simplify the permanent installation of duct liner or similar insulation to ducting and other HVAC sheet metals and housings. They can be applied quickly and easily using standard inductive CD stud welding equipment or resistance welding equipment.

**SUNBELT** Cup Head Pins are available in several different styles for portable inductive CD stud welders, which allow on-site insulating of ducting and other HVAC enclosures. There is also a style available for automatic resistance welders and pinspotters for the prefabrication of insulated ducting, panels or housings.

**SUNBELT** Cup Head Pins are normally available in the following:

**MATERIALS:** Washer – Mild Steel – Galvanized  
Pin – Mild Steel – Copper Coated

**SIZES:** CS Washer – 1 3/16” diameter      **LENGTHS:** in 1/8” increments from 3/8” to 2 1/8”, and 1/2” increments from 2 1/2” to 6” are standard  
CL Washer – 1 1/2” diameter  
Pin - 12 GA and 14 GA are standard

**SUNBELT** Cup Head Pins can also be purchased with Paper Insulating Washers attached to avoid damaging arcing when welding through foil faced insulation.

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

**Sunbelt Stud Welding, Inc.**  
**6381 Windfern Road**  
**Houston, Texas 77040-4915**

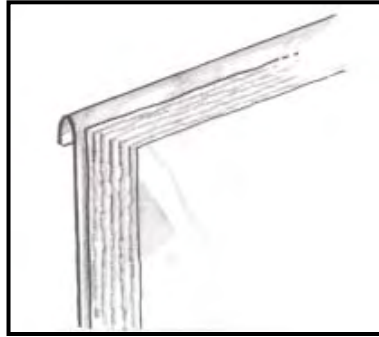


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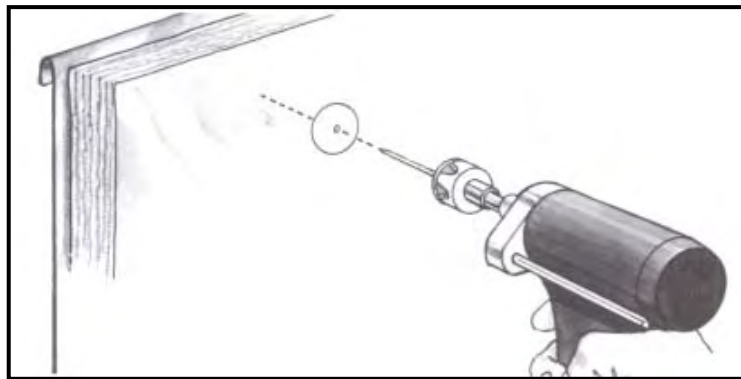
**1-800-462-9353**  
**713-939-8903**  
**fax 713-939-9013**



## **CUP HEAD PIN - APPLICATION**

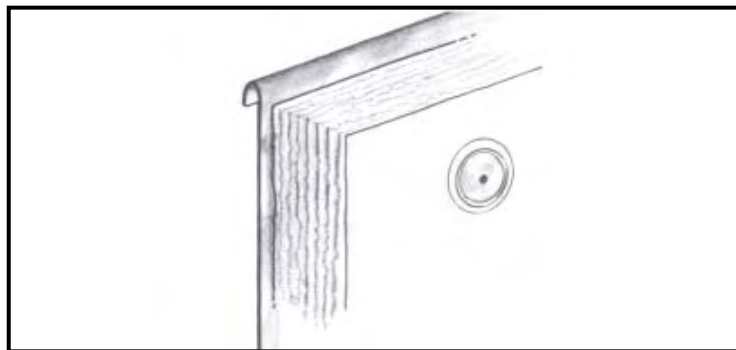


### **1. HANG INSULATION**



### **2. PRESS CUPHEAD PIN THROUGH INSULATION.**

Note: an insulating paper washer is required here when welding through foil faced insulation.



### **3. WELD IN PLACE TO COMPLETE INSTALLATION**

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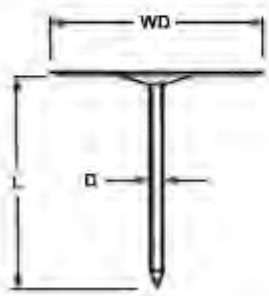


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713-939-8903  
fax 713-939-9013



**CUP HEAD PIN (CD)**

**To order or specify give:**  
 Product Code: **CHP**      Diameter: Specify      Length: Specify **L**      Material: Specify



PRODUCT				
TYPE	D	WD	MIN L	MAX L
CL 10	.135	1.500	3/8	NO MAX.
CL 12	.105	1.500	3/8	NO MAX.
CS 12	.105	1.187	3/8	NO MAX.
CS 14	.080	1.187	3/16	2"

	PIN	WASHER
<b>MATERIALS</b>	<b>LOW CARBON STEEL</b> C - .23% max.    P - .04% max. Mn - 0.90% max.    S - 0.05% max.	<b>LOW CARBON STEEL</b> C - .23% max.    P - .04% max. Mn - 0.90% max.    S - 0.05% max.
<b>MECHANICAL PROPERTIES</b>	Values available upon request.	Values available upon request.
<b>PLATING</b>	Standard Pin is Galvanized Copper Plating is available	Standard Washer is Galvanized
<b>BEVEL</b>		Washer edge is beveled to prevent cutting of insulation material.
<b>STAINLESS STEEL</b>		Not standard, but available by special order.
<b>PAPER INSULATING WASHERS</b>		Available, upon request, for welding through foil faced insulation.

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 Houston, Texas 77040-4915

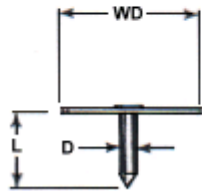


**1-800-462-9353**  
**713-939-8903**  
**fax 713-939-9013**



**CUP HEAD PINS – CS-10**

**To order or specify give:**  
 Product Code: **CHP CS-10**    Diameter: Specify    Length: Specify **L**    Material: Specify



<i>PRODUCT</i>			
<b>TYPE</b>	<b>D</b>	<b>WD</b>	<b>MIN L</b>
CS 10	.135	1.000	3/8

	<i>PIN</i>	<i>WASHER</i>
<b>MATERIALS</b>	<b>LOW CARBON STEEL</b> C - .23% max.    P - .04% max. Mn - 0.90% max.    S - 0.05% max.	<b>LOW CARBON STEEL</b> C - .23% max.    P - .04% max. Mn - 0.90% max.    S - 0.05% max.
<b>MECHANICAL PROPERTIES</b>	Values available upon request.	Values available upon request.
<b>PLATING</b>	Standard Pin is Galvanized	Standard Washer is Galvanized

**APPLICATION**    This cup head pin is for use with DuroDyne auto feed welding resistance equipment.

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

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