



# AHT Hatong Wire Mesh & Accessories

## PRODUCT DATA SHEET

### INSULATION ACCESSORIES

*Lacing Anchors, Weld Pins, Self-Stick and Perforated Pins, Round & Square Locking Washers, Lacing Hooks, Washers & Rings, Straps and Clasps, Cable Ties, Capacitor Discharge Weld Pins, Dome Caps*

**AHT Hatong manufactures the highest quality insulation accessories for use in the fabrication of high-temperature removable-reusable insulation blankets used in a broad range of industries world-wide.**

#### Lacing Anchors

Lacing Anchors are used in thermal insulation products. The Lacing Anchor is used in the fabrication of insulation blankets and removable covers and pads. The pin is pressed through the insulation layer, so the hook portion sits on the top edge and the pin is locked on the opposite side of the insulation with a washer. The two sides of the insulation materials can then be “laced” together by the hooks with tie wire.

Low Carbon Steel, Zinc plating, 12 GA (0.105), 2 ½” and 4 ½”

Stainless Steel, 14 GA (0.08), 2 ½” and 4 ½”

#### Cup Head Pins / Self-Stick Pins / Perforated Pins

- A. The cup head pin is an insulation fastener used to fasten the insulation to the sheet metal of insulation construction. It works with a welding method and is also available for non-welded applications.
- B. The Self-Stick pin is an insulation hanger designed to attach insulation to clean, dry, smooth, non-porous surfaces. After the hanger is installed, the insulation is impaled over the spindle & secured with a self-locking washer.

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- C. The perforated pin is an insulation hanger, fabricated with a perforated metal base with a pin. The base is 1.5" x 1.5" or 2" x 2" metal base. The pin is made from 12GA steel wire. They are used to fasten the insulation, working with a self-locking washer.

Cup Head: Low Carbon Steel, Zinc plating, 12 GA (0.105) 1 1/2" (3/8" minimum, custom lengths available)  
Low Carbon Steel, Zinc plating, 14 GA (0.080) 1 3/8" (3/16" minimum, custom lengths available)

Self-Stick Pin: Low Carbon Steel, Zinc plating, 12 GA (0.105) 2" (custom sizes available)  
Stainless Steel & Aluminum available as special order. Minimums apply

Perforated Pin: Low Carbon Steel, Zinc plating, 12 GA (0.105) 2" (custom sizes available)  
Stainless Steel & Aluminum available as special order. Minimums apply

## **Self Locking Washers**

The Self-Locking Washer is used in connection with lacing anchors, weld pins to fasten insulation blankets or covers in place, Just press the self-locking washer onto the pin up to the insulation materials until the desired position is reached. Then clip off, (or bend over) the remaining portion of pin for a permanent attachment.

Both Round or Square self-locking washers are available as a matter of design or application preference. The domed, multi-lanced hole design provides for ease of locating washers on pin and positive locking. Most styles of washers are manufactured with a beveled edge to prevent the washer from cutting into the insulation facing.

Round Self-locking washer: Low Carbon Steel, Zinc plating, Thickness 0.015,  
1", 2", 1-1/2", 1-3/16"

Square Self-locking washer: Low Carbon Steel, Zinc plating, Thickness 0.015,  
1" square, 1 1/8" x 1 1/4", 1 1/2" square, 2 1/2" square

## **Lacing Hooks, Washers & Rings**

The Lacing hook is used for securing and tying removable insulation blankets, working with Lacing washers to fasten the insulation. Install the lacing hook with wire, secure with lacing washer, use lacing wire to fasten the insulation through the lacing hooks.

## **Straps & Clasps –**

Stainless Steel. Available in customer's choice of stainless steel and cut to length per customer order.

**Cable Ties** – Stainless Steel. Styles: Roller Ball and Self Locking

## **Capacitor Discharge Weld Pins:**

Low Carbon Steel, Copper plating, 12 GA (0.105) Length to customers specs.

304 Stainless Steel, 10 GA (0.135) Length to customers specs.

Aluminum, 12 GA (0.105) Length to customer specs.

Aluminum, 10 GA (0.135) Length to customers specs.

**Dome Caps** – Aluminum & Stainless Steel; 10 GA, 12 GA, 14 GA. 5/16" H x 7/8" W. Color and plating per customer specs.