

# Submittal

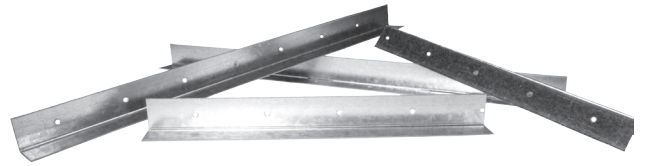
Job \_\_\_\_\_  
 Location \_\_\_\_\_  
 Submitted to \_\_\_\_\_  
 Submittal Prepared by \_\_\_\_\_  
 Approve Date \_\_\_\_\_  
 Date \_\_\_\_\_

Typical installation details:

- (A) Retaining Angles:  
Minimum 1½ x 1½ x 0.058 (16 Ga). Retaining angles must overlap structural opening 1" minimum and cover corners of openings
- (B) Clearance:  
⅛" per linear foot both dimensions
- (C) Steel Sleeve:
- (D) Approved Fire Damper:  
Curtain or Multi-Blade type.  
Single section up to 36" x 36"
- (E) Secure damper to sleeve on all four sides spaced at 6" on center with:
  1. ½" long welds
  2. ¼" bolts and nuts
  3. No. 10 Screws
- (F) Secure retaining angle to sleeve using ¾" No. 10 screws spaced 3" on center and 2" from each corner.
- (G) Secure retaining angle to barrier using:
  1. 1½" long coarse drywall screws spaced 3" on center for steel or wood frame.
  2. ¾" concrete screws spaced 12" on center for concrete or masonry.

Note: For horizontal mount, the retaining angle must be attached to the top side of the ceiling/floor.

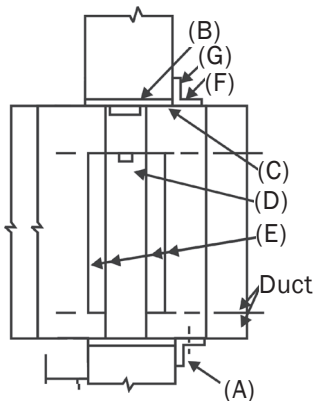
## Single Sided Retaining Angle



Retaining angles are 14 and 16 gauge, 1½" x 1½" galvanized steel, and are supplied in cut-to-length sets of 4 pieces for each damper size.

Pre-punched ⅜" holes for faster fastening of angle to sleeve.

SMACNA E Class rigidity (may be used for duct reinforcement).

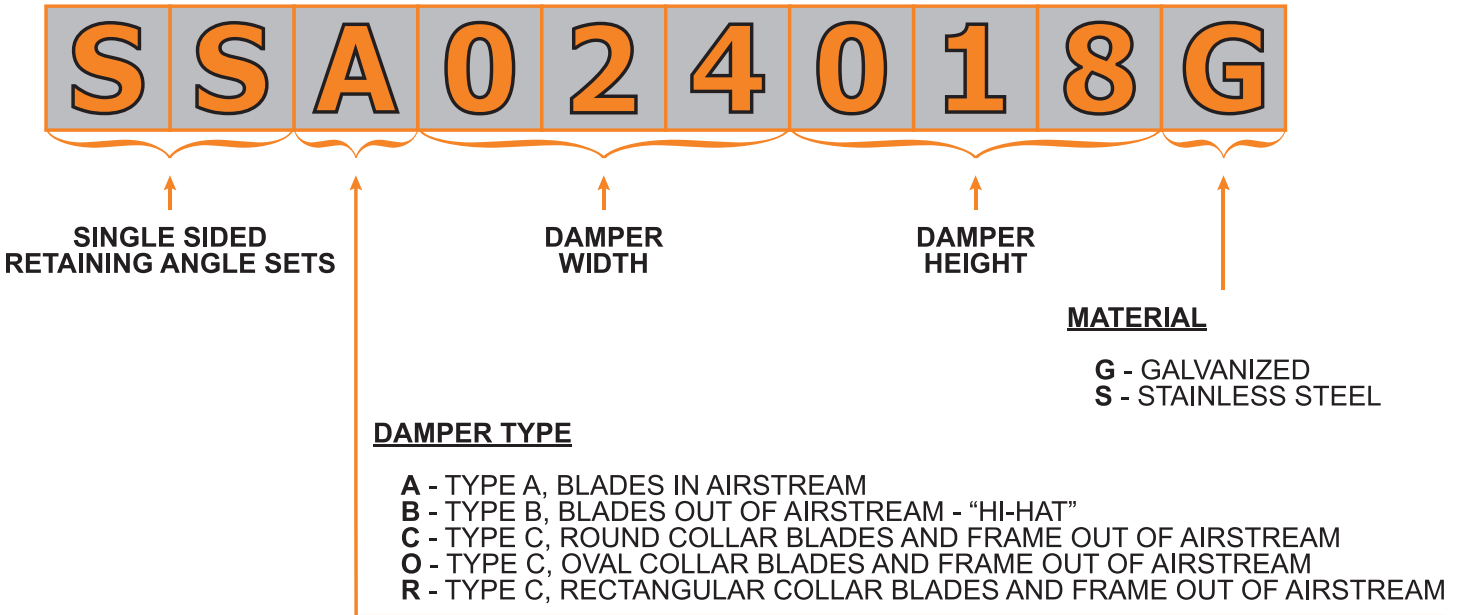


This product meets the requirements for fire dampers established by:

**NFPA Standard 90A**  
**ICC Building Codes**

Qty.	Damper Size		Damper Type		
	W	H	A	B	C

## Part Number Format



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