

ANGLE IRON



Retaining Angle

For External Reinforcement & Framing Fire Dampers

- Cold formed galvanized angle
- SMACNA E Class rigidity (may be used for duct reinforcement)
- Available in 1.5" and 2"
- Meets ASHRAE, SMACNA, and UMC standards
- Available in 14, 16, and 18 gauge
- Optional 7/32 pre-punched holes



DUCTMATE[®]
Industries, Inc.

Angle Iron

Retaining Angle

DESCRIPTION

Retaining angle for external reinforcement and framing fire dampers.

BASIC USE

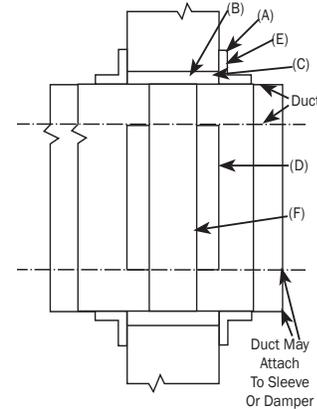
Used for reinforcing, stiffeners, brackets, bracing, straps, and hangers.

TYPICAL INSTALLATION DETAILS

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| <p>A. Retaining Angles:
Minimum 1 1/2 x 1 1/2 x 0/058 (16 ga.) Retaining angles must lap structural opening 1" minimum and cover corners of openings.</p> <p>B. Clearance: 1/8" Per Linear Foot Both Dimensions.</p> <p>C. Steel Sleeve</p> <p>D. Approved Fire Damper (curtain or blade type)</p> | <p>E. Secure Retaining Angle to Sleeve Only on 8" Centers With:
1. 1/2 long welds or
2. 1/4 Bolts and Nuts, or
3. No. 10 screws, or
4. Minimum 3/16 Steel Rivets</p> <p>F. Secure Damper To Sleeve On 8" Centers With:
1. 1/2 long welds, or
2. 1/4 Bolts and Nuts, or
3. No. 10 Steel Screws, or
4. Minimum 1/16 Steel Rivets</p> |
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SPECIAL CHARACTERISTICS

- 10' and 20' lengths; 12' lengths also available in certain sizes/gauges
- Additional angle and bundle sizes, gauges, and materials available - contact Ductmate for availability
- Optional pre-punched 7/32 holes (one or both sides) for faster fastening of angle to sleeve



PACKAGING INFORMATION

Additional angle bundle sizes, gauges, and materials available - contact Ductmate for availability

Part No.	Description	Bundle Size	Weight	Length
AI1.5*GA1410**	1.5" X 1.5" - 14 ga	1000'	.73 lbs/lf.	10' or 20' pcs
AI1.5*GA1450**	1.5" X 1.5" - 14 ga	500'	.73 lbs/lf.	10' or 20' pcs
AI1.5*GA1610**	1.5" X 1.5" - 16 ga	1000'	.62 lbs/lf.	10' or 20' pcs
AI1.512GA16600	1.5" X 1.5" - 16 ga	600'	.62 lbs/lf.	12' pcs
AI1.5*GA1650**	1.5" x 1.5" - 16 ga	500'	.62 lbs/lf.	10' or 20' pcs
AI2*GA141000**	2" X 2" - 14 ga	1000'	1.04 lbs/lf.	10' or 20' pcs
AI2*GA161000**	2" X 2" - 16 ga	1000'	.77 lbs/lf.	10' or 20' pcs
AI2*GA181000**	2" X 2" - 18 ga	1000'	.632 lbs/lf.	10' or 20' pcs

* Insert 10 for 10' lengths; Insert 20 for 20' lengths

**Insert H for holes; NH for no holes

Example: AI1.520GA1410NH = 20' length, no holes

LIMITED PRODUCT WARRANTY

Ductmate warrants that Angle Iron, when properly installed and maintained, will be free from defects in material and workmanship, and will comply with all written specifications made by Ductmate at the time of sale. Ductmate's warranty shall run for a period of one year from the date of manufacture.

Warranty Limitation

The warranty stated above is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Although Ductmate may have suggested the product, or provided written or oral advice to the Purchaser, it is the Purchaser's responsibility to test and determine the suitability of Angle Iron, for the intended use and purpose, and Purchaser and/or its customer assumes all risk and liability whatsoever regarding such suitability.

Limitation of Liability

In the event of a breach of the above warranty, Ductmate's sole obligation, and Purchaser's sole and exclusive remedy, shall be, at Ductmate's option, repair or replacement of any defective products, or refund of an applicable portion of the purchase price. Ductmate shall have no liability for costs of removal or reinstallation of the product. The Purchaser agrees that no other remedy, including but not limited to loss of profits, loss sales, injury to person or property, or any other special, incidental or consequential damages, shall be available to the Purchaser for any claim arising out of this Agreement, regardless of whether such claim is made in contract or in tort, including strict liability in tort. In no event will Ductmate be obligated to pay damages to the Purchaser in any amount exceeding the purchase price that the Purchaser paid to Ductmate for the allegedly defective product.



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*Additional Manufacturing and Warehousing in
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