



**SOUTHWARK METAL MANUFACTURING COMPANY**

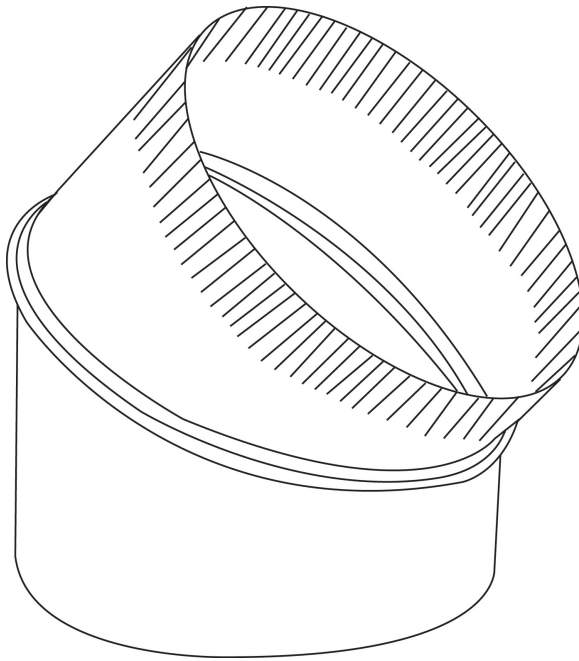
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**SUBMITTAL DRAWING**

**45° ANGLE  
(MODEL NO: 45)**



Product Availability

Diameter	30 Ga	28 Ga	26 Ga	24 Ga
3"			x	
4"	x		x	
5"	x		x	x
6"	x		x	x
7"	x		x	x
8"	x		x	x
9"	x		x	x
10"	x		x	x
12"	x		x	x
14"			x	x
16"			x	x
18"			x	x
20"			x	x
22"				x
24"				x

SMACNA Gauge Requirements for Galvanized Steel

Duct Diameter	2" w.g. max Positive Pressure	Duct Diameter	2" w.g. max Negative Pressure
3" - 8"	28 Ga	6" - 10"	28 Ga
9" - 14"	26 Ga	12"	26 Ga
15" - 26"	24 Ga	14" - 16"	24 Ga
		18" - 20"	22 Ga
		22" - 26"	20 Ga

*From SMACNA HVAC Duct Construction Standards Metal and Flexible, 2nd Ed (1995); 3.3 & 3.8*

**NOTES**

- Material: Hot Dipped Galvanized Steel per ASTM A653 CS Type B
- Crimp and bead male connection and straight female connection
- 1" crimp length
- Meets +/- 2" W.G. pressure overall

- 1/2" overlap for riveting using 1/8" rivets
- RL-2 rivet seam; meets +/- 4" w.g. pressure
- 2 pc. assembly
- Bend radius varies by size; contact factory for details
- Aluminum and type 304 stainless steel pipe available in certain sizes and gauges

JOB NAME: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_  
 CONTRACTOR: \_\_\_\_\_

DATE: 09/06/13

SW-45AIN

SD-0110

45° Angle  
 MODEL NO: 45