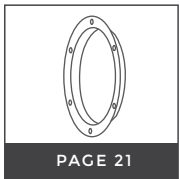




HVAC SPIRAL PIPE COMPONENT PARTS CATALOG

349 GAPWAY ROAD
GEORGETOWN, SC 29440
OFFICE: 843-527-6563
FAX: 843-527-6504

SALES@SPIRALFITTING.COM
WWW.SPIRALFITTINGS.COM
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90° Die Stamped 1.5 CLR Flangeless Elbow

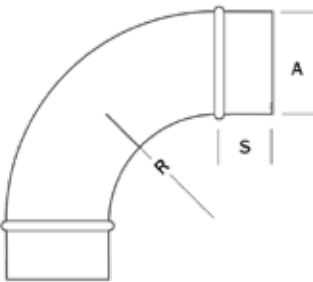


MATERIALS AVAILABLE:

Galvanized (3"–6"), 24 ga.
Paintgrip (7"–12"), 22 ga.

WELDING PROCESS:

Flangeless elbows are continuously stitch welded on the throat and heel from end to end (past the bead).



DIMENSIONS		
(A)	90 (R)	Wt. Per Elbow
3"	4.5"	0.75 lbs
4"	6.0"	1.4 lbs
5"	7.5"	1.8 lbs
6"	9.0"	2.2 lbs
7"	10.5"	3.5 lbs
8"	12.0"	4.7 lbs
9"	13.5"	6.1 lbs
10"	15.0"	7.6 lbs
12"	18.0"	10.2 lbs

KEY: A = Diameter, nominal size • R = 1A (centerline radius) • S = 2"

90° Die Stamped 1.0 CLR Flangeless Elbow

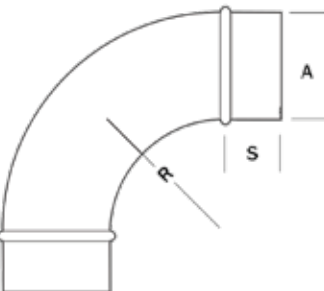


MATERIALS AVAILABLE:

Galvanized (3"–6"), 24 ga.
Paintgrip (7"–12"), 22 ga.

WELDING PROCESS:

Flangeless elbows are continuously stitch welded on the throat and heel from end to end (past the bead).



DIMENSIONS		
(A)	90 (R)	Wt. Per Elbow
4"	4"	1.4 lbs
5"	5"	1.8 lbs
6"	6"	2.2 lbs
7"	7"	3.5 lbs
8"	8"	4.7 lbs
9"	9"	6.1 lbs
10"	10"	7.6 lbs
12"	12"	10.2 lbs

KEY: A = Diameter, nominal size • R = 1A (centerline radius) • S = 2"

45° Die Stamped 1.5 CLR Flangeless Elbow



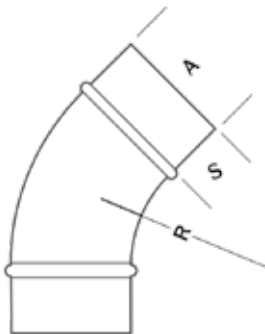
MATERIALS AVAILABLE:

Galvanized (3"–16"), 24 ga.

Paintgrip (7"–12"), 22 ga.

WELDING PROCESS:

Flangeless elbows are continuously stitch welded on the throat and heel from end to end (past the bead).



DIMENSIONS		
(A)	45 (R)	Wt. Per Elbow
3"	4.5"	0.6 lbs
4"	6.0"	0.8 lbs
5"	7.5"	1.5 lbs
6"	9.0"	2.0 lbs
7"	10.5"	2.6 lbs
8"	12.0"	3.2 lbs
9"	13.5"	4.0 lbs
10"	15.0"	4.8 lbs
12"	18.0"	6.6 lbs

KEY: A = Diameter, nominal size • R = 1.5 (centerline radius) • S = 2"

45° Die Stamped 1.0 CLR Flangeless Elbow



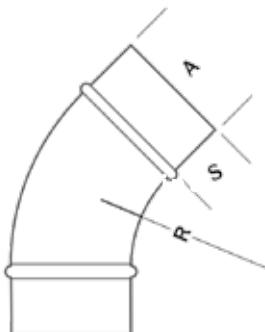
MATERIALS AVAILABLE:

Galvanized (4"–16"), 24 ga.

Paintgrip (7"–12"), 22 ga.

WELDING PROCESS:

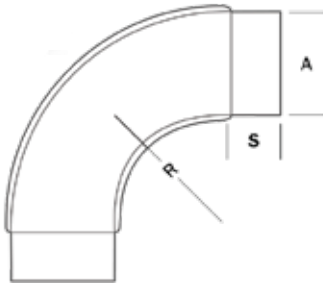
Flangeless elbows are continuously stitch welded on the throat and heel from end to end (past the bead).



DIMENSIONS		
(A)	45 (R)	Wt. Per Elbow
4"	6.0"	0.8 lbs
5"	7.5"	1.5 lbs
6"	9.0"	2.0 lbs
7"	10.5"	2.6 lbs
8"	12.0"	3.2 lbs
9"	13.5"	4.0 lbs
10"	15.0"	4.8 lbs
12"	18.0"	6.6 lbs

KEY: A = Diameter, nominal size • R = 1A (centerline radius) • S = 2"

90° Die Stamped 20 Gauge Flanged Elbow



MATERIALS AVAILABLE:

Galvanized.
Stainless steel 304L & 316L.

PVS 4×4 mill.
Aluminum 3003.

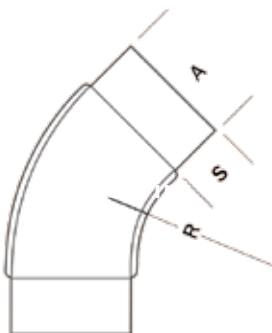
WELDING PROCESS:

Galvanized, stainless steel internally are fully welded on the heel and throat by an automated welder. PVS and aluminum are assembled by clinchlocking or button punch and are sealed with silicone.

DIMENSIONS			
(A)	90 (R)	Wt. Per 90 Elbow	Aluminum
3"	4.5"	1.0 lbs	0.5 lbs
4"	6.0"	1.5 lbs	0.7 lbs
5"	7.5"	2.0 lbs	1.0 lbs
6"	9.0"	3.5 lbs	1.7 lbs
7"	10.5"	5.0 lbs	2.0 lbs
8"	12.0"	5.7 lbs	2.8 lbs
9"	13.5"	7.2 lbs	3.5 lbs
10"	15.0"	8.5 lbs	4.0 lbs
11"	16.0"	10.0 lbs	5.0 lbs
12"	18.0"	12.0 lbs	6.2 lbs
14"	21.0"	18.0 lbs	N/A

KEY: A = Diameter, nominal size • R = 1.5A (centerline radius) • S = 2"

45° Die Stamped 20 Gauge Flanged Elbow



MATERIALS AVAILABLE:

Galvanized.
Stainless steel 304L & 316L.

PVS 4×4 mill.
Aluminum 3003.

WELDING PROCESS:

Galvanized, stainless steel internally are fully welded on the heel and throat by an automated welder. PVS and aluminum are assembled clinchlocking or button punch and are sealed with silicone.

DIMENSIONS			
(A)	45 (R)	Wt. Per 45 Elbow	Aluminum
3"	4.5"	0.7 lbs	0.2 lbs
4"	6.0"	1.0 lbs	0.5 lbs
5"	7.5"	1.5 lbs	0.5 lbs
6"	9.0"	2.0 lbs	1.0 lbs
7"	10.5"	2.5 lbs	1.2 lbs
8"	12.0"	3.2 lbs	1.5 lbs
9"	13.5"	4.0 lbs	1.7 lbs
10"	15.0"	5.0 lbs	2.2 lbs
11"	16.0"	6.0 lbs	2.7 lbs
12"	18.0"	7.0 lbs	3.2 lbs
14"	21.0"	9.0 lbs	4.2 lbs

KEY: A = Diameter, nominal size • R = 1.5A (centerline radius) • S = 2"

90° 5-Piece 1.5 CLR Elbow



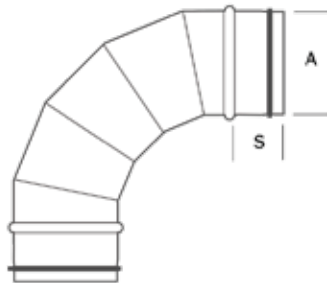
MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"-16" = 24qa.
18"-36" = 22qa.
38"-48" = 20qa.

OPTIONS:

Specify CLR (1.5 or 1.0)



DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

90° 4-Piece 1.0 CLR Elbow



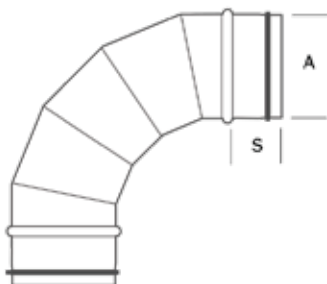
MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"-16" = 24qa.
18"-36" = 22qa.
38"-48" = 20qa.

OPTIONS:

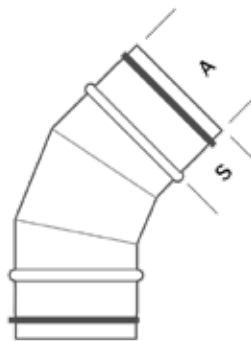
Specify CLR (1.5 or 1.0)



DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

45° 3-Piece 1.5 CLR Elbow



MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"–16" = 24qa.
18"–36" = 22qa.
38"–48" = 20qa.

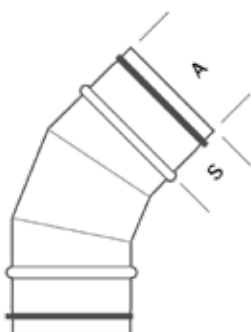
OPTIONS:

Specify CLR (1.5 or 1.0)

DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

45° 3-Piece 1.0 CLR Elbow



MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"–16" = 24qa.
18"–36" = 22qa.
38"–48" = 20qa.

OPTIONS:

Specify CLR (1.5 or 1.0)

DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

60° 4-Piece Elbow



MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"–16" = 24qa.
18"–36" = 22qa.
38"–48" = 20qa.

OPTIONS:

Specify CLR (1.5 or 1.0)

DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

30° 2-Piece Elbow



MATERIALS AVAILABLE:

Galvanized. Paintgrip.
Aluminum 040, 3003.
Stainless 304 or 316.

14"–16" = 24qa.
18"–36" = 22qa.
38"–48" = 20qa.

OPTIONS:

Specify CLR (1.5 or 1.0)

DIMENSIONS	
(A)	Weight
14"	15 lbs
16"	23.6 lbs
18"	29.5 lbs
20"	36 lbs
22"	43 lbs
24"	50.6 lbs

KEY: A = Diameter - S = 3" - Sizes Available 14" to 48"

Fabricated Eccentric Reducer



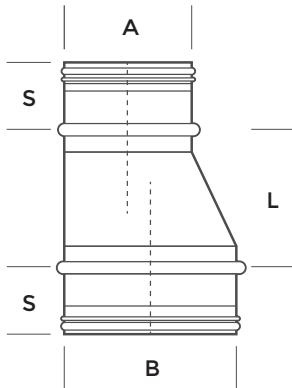
MATERIALS AVAILABLE:

Galvanized, 20 gauge or 22 gauge
G 90 Galvanized
Stainless Steel (not all sizes available)

Aluminum
Stainless Steel

OPTIONS:

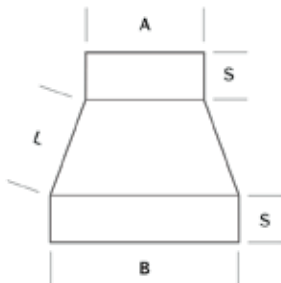
Sizes 4"–34"
Male (small ends) fit into spiral pipe
Bead available on large end upon request



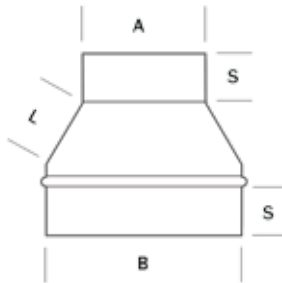
DIMENSIONS					
(B)	(A)	Weight	(B)	(A)	Weight
3"	2"	1.0 lbs	15"	8",10",14"	3.20 lbs
4"	2"–3"	1.0 lbs	16"	8",10",12",14",15"	3.42 lbs
5"	3"–4"	1.0 lbs	18"	10",12",14",16"	3.84 lbs
6"	2"–5"	1.22 lbs	20"	12",14",16",18"	4.27 lbs
7"	3"–6"	1.55 lbs	22"	14",16",18",20"	4.70 lbs
8"	4"–7"	1.71 lbs	24"	16",18",20",22"	5.12 lbs
9"	5"–8"	1.92 lbs	26"	18",20",22",24"	6.50 lbs
10"	4"–9"	2.14 lbs	28"	22",24",26"	7.0 lbs
11"	6"–10"	2.35 lbs	30"	24",26",28"	8.32 lbs
12"	4"–11"	2.56 lbs	32"	24",26",30"	10.55 lbs
13"	8"–12"	2.77 lbs	34"	28",30",32"	11.60 lbs
14"	6",8",13"	2.99 lbs	36"	30",32",34"	12.80 lbs

KEY: A = Small end diameter, nominal size - B = Large end diameter, nominal size - L = 4" - S = 3"

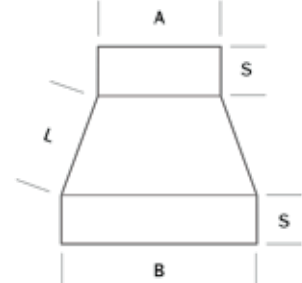
Concentric Reducer with 3/4" flange



1-Piece Concentric Spun Reducer Short



1-Piece Concentric Fabricated Reducer



Bellmouth with Heavy Duty Damper and Quadrant



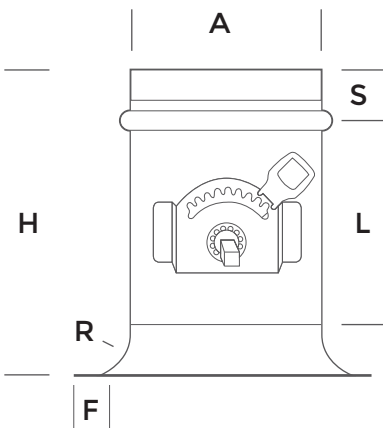
MATERIALS AVAILABLE:

Galvanized (20 gauge)
Paintgrip

Aluminum
Stainless Steel

OPTIONS:

2" Stand off (20ga.). Nylon bushings with O-rings for sealing of holes. Locking handle for adjustment of damper - ease of balancing. 3/8" Continuous square rod through damper. Available up to 36"



DIMENSIONS						
(A)	(B)	(R)	(F)	(H)	(S)	Weight
4"	6.5"	0.75"	1"	5.5"	2"	1.0 lbs
5"	8.25"	0.75"	1"	5.5"	2"	1.25 lbs
6"	8.5"	0.75"	1"	6"	2"	1.50 lbs
7"	10.5"	0.75"	1"	6"	2"	1.75 lbs
8"	12"	1.0"	1"	6"	2"	1.95 lbs
9"	13"	1.0"	1"	6"	2"	2.25 lbs
10"	14"	1.0"	1"	6"	2"	2.5 lbs
12"	16"	1.0"	1.5"	6"	2"	3.0 lbs
14"	18"	1.0"	1.5"	6"	2"	3.5 lbs
16"	20"	1.0"	1.5"	6"	2"	4.0 lbs
18"	22"	1.0"	1.5"	6"	2"	4.5 lbs
20"	24"	1.0"	1.5"	8"	2"	5.0 lbs
22"	26"	1.0"	1.5"	8"	2"	5.5 lbs
24"	28"	1.0"	1.5"	8"	2"	6.0 lbs

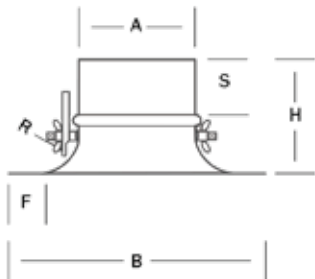
KEY: A = Opening dimension 1/8" under nominal size • F = 1" • H = Height • R = Radius • B = Flange side • S=2"

Bellmouth with Jiffy Damper



MATERIALS AVAILABLE:

Galvanized



DIMENSIONS						
(A)	(B)	(R)	(F)	(H)	(S)	Weight
4"	6.5"	0.75"	1"	5.5"	2"	1.0 lbs
5"	8.25"	0.75"	1"	5.5"	2"	1.25 lbs
6"	8.5"	0.75"	1"	6"	2"	1.50 lbs
7"	10.5"	0.75"	1"	6"	2"	1.75 lbs
8"	12"	1.0"	1"	6"	2"	1.95 lbs
9"	13"	1.0"	1"	6"	2"	2.25 lbs
10"	14"	1.0"	1"	6"	2"	2.5 lbs
12"	16"	1.0"	1.5"	6"	2"	3.0 lbs
14"	18"	1.0"	1.5"	6"	2"	3.5 lbs
16"	20"	1.0"	1.5"	6"	2"	4.0 lbs
18"	22"	1.0"	1.5"	6"	2"	4.5 lbs
20"	24"	1.0"	1.5"	8"	2"	5.0 lbs
22"	26"	1.0"	1.5"	8"	2"	5.5 lbs
24"	28"	1.0"	1.5"	8"	2"	6.0 lbs

KEY: A = Opening dimension 1/8" under nominal size • F = 1" • H = Height • R = Radius • B = Flange side • S=2"

Volume Damper



MATERIALS AVAILABLE:

22 ga. Galvanized body

ADDITIONAL INFO:

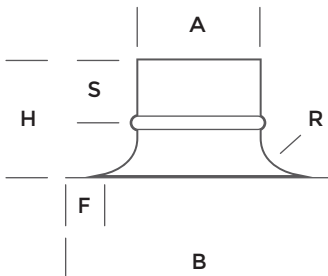
2" Stand-off (20 ga) - Locking handle for adjustment of damper ease of balancing - 3/8"
 -Continuous square rod through damper - 4"-20" Standard Dampers (22 ga) - 22"-36" Standard
 Dampers (20 ga) - Also available in spiralseal

DIMENSIONS					
(A)	(S)	Weight	(A)	(S)	Weight
4"	4"	1.1 lbs	14	4"	5.1 lbs
5"	4"	1.1 lbs	16	4"	7.3 lbs
6"	4"	1.5 lbs	18	4"	8.1 lbs
7"	4"	2.0 lbs	20	4"	9.2 lbs
8"	4"	2.2 lbs	22	4"	10.1 lbs
9"	4"	2.8 lbs	24	4"	14.2 lbs
10"	4"	3.3 lbs	-	-	-
11"	4"	4.0 lbs	-	-	-
12"	4"	7.3 lbs	-	-	-

KEY: A = Diameter, nominal size • S = 2"

BELLMOUTHS

Extended Bellmouth



MATERIALS AVAILABLE:

Galvanized

DIMENSIONS						
(A)	(B)	(R)	(F)	(H)	(S)	Weight
4"	6.5"	0.75"	1"	5.5"	2"	1.0 lbs
5"	8.25"	0.75"	1"	5.5"	2"	1.25 lbs
6"	8.5"	0.75"	1"	6"	2"	1.50 lbs
7"	10.5"	0.75"	1"	6"	2"	1.75 lbs
8"	12"	1.0"	1"	6"	2"	1.95 lbs
9"	13"	1.0"	1"	6"	2"	2.25 lbs
10"	14"	1.0"	1"	6"	2"	2.5 lbs
12"	16"	1.0"	1.5"	6"	2"	3.0 lbs
14"	18"	1.0"	1.5"	6"	2"	3.5 lbs
16"	20"	1.0"	1.5"	6"	2"	4.0 lbs
18"	22"	1.0"	1.5"	6"	2"	4.5 lbs
20"	24"	1.0"	1.5"	6"	2"	5.0 lbs
22"	26"	1.0"	1.5"	6"	2"	5.5 lbs
24"	28"	1.0"	1.5"	6"	2"	6.0 lbs

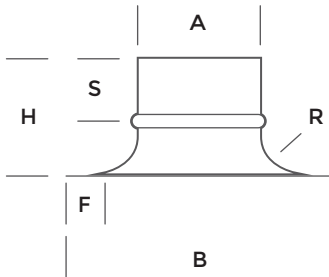
KEY: A=Opening dimension 1/8" under nominal size - F = 1" - H = Height - R = Radius - B = Flange side - S=2"

Short Radius Bellmouth

MATERIALS AVAILABLE:

6"-24" 20 Gauge Galvanized
20"-48" 18 Gauge Galvanized
Paintgrip

Stainless Steel
Aluminum



DIMENSIONS								
(A)	(B)	Weight	(A)	(B)	Weight	(A)	(B)	Weight
6"	10"	1.5 lbs	22"	26"	3.9 lbs	52"	58"	9.1 lbs
7"	11"	1.5 lbs	23"	27"	4.0 lbs	54"	60"	9.6 lbs
8"	12"	1.7 lbs	24"	28"	4.2 lbs	56"	62"	10.1 lbs
9"	13"	1.8 lbs	26"	30"	4.4 lbs	58"	64"	10.6 lbs
10"	14"	2.0 lbs	28"	32"	4.7 lbs	60"	66"	11.3 lbs
11"	15"	2.1 lbs	30"	34"	5.0 lbs	62"	68"	14.0 lbs
12"	16"	2.3 lbs	32"	36"	5.4 lbs	64"	70"	16.2 lbs
13"	17"	2.5 lbs	34"	38"	5.8 lbs	66"	72"	17.2 lbs
14"	18"	2.6 lbs	36"	40"	6.2 lbs	68"	74"	17.5 lbs
15"	19"	2.8 lbs	38"	42"	6.6 lbs	70"	76"	17.8 lbs
16"	20"	2.9 lbs	40"	44"	6.9 lbs	72"	78"	18.6 lbs
17"	21"	3.1 lbs	42"	46"	7.2 lbs	74"	80"	19.0 lbs
18"	22"	3.3 lbs	44"	48"	7.5 lbs	76"	82"	19.3 lbs
19"	23"	3.4 lbs	46"	50"	7.9 lbs	78"	84"	19.6 lbs
20"	24"	3.5 lbs	48"	52"	8.3 lbs	80"	86"	20.0 lbs
21"	25"	3.7 lbs	50"	56"	8.7 lbs	82"	88"	21.0 lbs

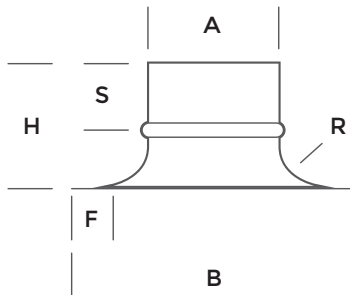
KEY: A = Opening Dimension 1/8" under nominal size - B = A 4" - R = 1" Radius

Mini Bellmouth

MATERIALS AVAILABLE:

6"-24" 20 Gauge Galvanized
20"-48" 18 Gauge Galvanized
Paintgrip

Stainless Steel
Aluminum



DIMENSIONS					
(A)	(B)	Weight	(A)	(B)	Weight
6"	9"	1.5 lbs	16"	19"	2.9 lbs
7"	10"	1.5 lbs	17"	20"	3.1 lbs
8"	11"	1.7 lbs	18"	21"	3.3 lbs
9"	12"	1.8 lbs	19"	22"	3.4 lbs
10"	13"	2.0 lbs	20"	23"	3.5 lbs
11"	14"	2.1 lbs	21"	24"	3.7 lbs
12"	15"	2.3 lbs	22"	25"	3.9 lbs
13"	16"	2.5 lbs	23"	26"	4.0 lbs
14"	17"	2.6 lbs	24"	27"	4.2 lbs
15"	18"	2.8 lbs	-	-	-

KEY: A = Opening Dimension 1/8" under nominal size - B = A 4" - R = 1" Radius

Standard Radius Bellmouth

MATERIALS AVAILABLE:

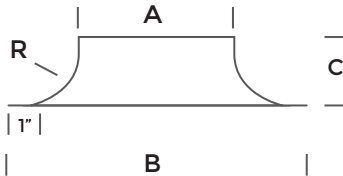
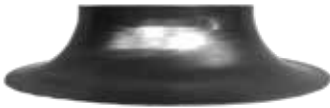
Galvanized: 3"–12" (20 ga.)

Galvanized: 14"–38" (18 ga.)

Galvanized: 40"–48" (16 ga.)

Stainless Steel (up to 16")

Aluminum



DIMENSIONS					
(A)	(B)	(R)	(C)	Opening	Weight
2"	7"	1-1/2"	2-1/2"	5"	1.0 lbs
3"	8"	1-1/2"	2-1/2"	6"	1.0 lbs
4"	9"	1-1/2"	2-1/2"	7"	1.3 lbs
5"	10"	1-1/2"	2-1/2"	8"	1.5 lbs
6"	12"	2"	3"	10"	1.7 lbs
7"	13"	2"	3"	11"	1.9 lbs
8"	14"	2"	3"	12"	2.0 lbs
9"	15"	2"	3"	13"	2.2 lbs
10"	16"	2"	3"	14"	2.4 lbs
11"	19"	3"	4"	17"	3.6 lbs
12"	22"	3"	4"	18"	3.8 lbs
13"	21"	3"	4"	19"	4.0 lbs
14"	22"	3"	4"	20"	4.4 lbs
15"	23"	3"	4"	21"	4.5 lbs
16"	26"	4"	5"	24"	6.5 lbs
17"	27"	4"	5"	25"	6.8 lbs
18"	28"	4"	5"	26"	7.1 lbs
19"	29"	4"	5"	27"	7.2 lbs
20"	30"	4"	5"	28"	7.3 lbs
21"	31"	4"	5"	29"	7.5 lbs
22"	34"	5"	6"	32"	9.7 lbs
23"	35"	5"	6"	33"	9.9 lbs
24"	36"	5"	6"	34"	10.4 lbs
26"	40"	6"	7"	38"	13.2 lbs
28"	42"	6"	7"	40"	13.7 lbs
30"	44"	6"	7"	42"	14.8 lbs
32"	48"	7"	8"	46"	15.3 lbs
34"	50"	7"	8"	48"	19 lbs
36"	52"	7"	8"	50"	20.3 lbs
38"	54"	7"	8"	52"	24.7 lbs
40"	58"	8"	9"	56"	27.3 lbs
42"	60"	8"	9"	58"	27.5 lbs
44"	62"	8"	9"	60"	27.8 lbs
46"	64"	8"	9"	64"	28.8 lbs
48"	66"	8"	9"	26"	29.8 lbs

KEY:

A = Opening Dimension 1/8" under nominal size

R = 1" Radius

B = A + 5"

Coupling with profiled ends



MATERIALS AVAILABLE:

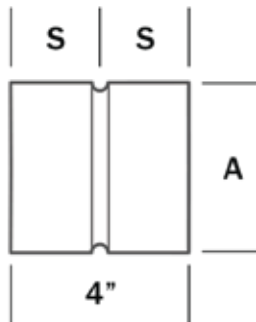
Galvanized
Paintgrip

Stainless Steel
Aluminum

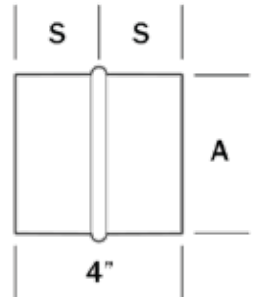
WELDING PROCESS:

Male Coupling For pipe, the ends are 1/8" undersize to fit inside spiral pipe. Bead is located at 2". Female Coupling For pipe, the ends are 1/8" oversize to fit over spiral pipe. Reverse bead located at 2". The couplings are designed with no protrusions, which enable the smoothest air flow possible.

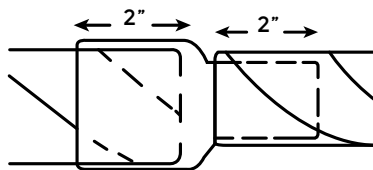
Female Coupling



Male Coupling



Inside-Out Coupling



DIMENSIONS (Profiled+Male+Female)

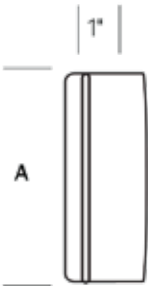
(A)	(S)	Weight
4"	2"	1.0 lbs
5"	2"	1.3 lbs
6"	2"	1.5 lbs
7"	2"	1.7 lbs
8"	2"	2.0 lbs
9"	2"	2.2 lbs
10"	2"	2.5 lbs
12"	2"	3.0 lbs
14"	2"	3.5 lbs
16"	2"	3.9 lbs
18"	2"	4.5 lbs
20"	2"	4.9 lbs
22"	2"	5.7 lbs
24"	2"	6.7 lbs

KEY: A = Diameter, nominal size • S = 2"

DIMENSIONS (Inside-Out)

Size	Weight
3"	.26 lbs
4"	.55 lbs
5"	.69 lbs
6"	.83 lbs
7"	.97 lbs
8"	1.11 lbs
9"	1.25 lbs
10"	1.39 lbs
11"	1.53 lbs
12"	1.67 lbs
13"	1.81 lbs
14"	1.95 lbs
15"	2.09 lbs
16"	2.23 lbs
17"	2.37 lbs
18"	2.51 lbs
20"	2.79 lbs
22"	3.07 lbs
24"	3.34 lbs
26"	3.62 lbs
28"	3.91 lbs
30"	4.00 lbs

Spun End Cap/End Plug



MATERIALS AVAILABLE:

Galvanized, 20 ga.
Paintgrip
Available up to 30"

Stainless Steel
Aluminum.

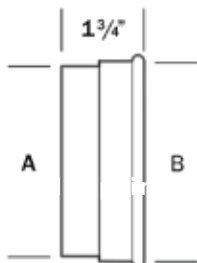
DIMENSIONS					
Size	(A)	Weight	Size	(A)	Weight
3"	2-7/8"	0.3 lbs	14"	13-7/8"	2.6 lbs
4"	3-7/8"	0.3 lbs	16"	15-7/8"	3.2 lbs
5"	4-7/8"	0.5 lbs	18"	17-7/8"	4.3 lbs
6"	5-7/8"	0.7 lbs	20"	19-7/8"	5.2 lbs
7"	6-7/8"	0.9 lbs	22"	21-7/8"	6.1 lbs
8"	7-7/8"	1.0 lbs	24"	23-7/8"	7.1 lbs
9"	8-7/8"	1.3 lbs	-	-	-
10"	9-7/8"	1.5 lbs	-	-	-
12"	11-7/8"	2.0 lbs	-	-	-

KEY:

A = A 3/16" over nominal size, to fit over spiral
B = 1/8" undersized to fit into spiral
End Cap = Nominal size to fit over fitting

End Plug = 1/8" undersize to slip into spiral
Gored End Plug = 1/8" undersize to slip into spiral (fabricated)

End Cap, Plug Combo



MATERIALS AVAILABLE:

Galvanized, 20 ga.
Paintgrip

Stainless Steel
Aluminum.

DIMENSIONS							
Size	(A)	(S)	Weight	Size	(A)	(S)	Weight
3"	2-7/8"	3-1/8"	0.3 lbs	14"	13-7/8"	14-1/8"	2.6 lbs
4"	3-7/8"	4-1/8"	0.3 lbs	16"	15-7/8"	16-1/8"	3.2 lbs
5"	4-7/8"	5-1/8"	0.5 lbs	18"	17-7/8"	18-1/8"	4.3 lbs
6"	5-7/8"	6-1/8"	0.7 lbs	20"	19-7/8"	20-1/8"	5.2 lbs
7"	6-7/8"	7-1/8"	0.9 lbs	22"	21-7/8"	22-1/8"	6.1 lbs
8"	7-7/8"	8-1/8"	1.0 lbs	24"	23-7/8"	24-1/8"	7.1 lbs
9"	8-7/8"	9-1/8"	1.3 lbs	-	-	-	-
10"	9-7/8"	10-1/8"	1.5 lbs	-	-	-	-
12"	11-7/8"	12-1/8"	2.0 lbs	-	-	-	-

KEY:

A = A 3/16" over nominal size, to fit over spiral
B = 1/8" undersized to fit into spiral
End Cap = Nominal size to fit over fitting

End Plug = 1/8" undersize to slip into spiral
Gored End Plug = 1/8" undersize to slip into spiral (fabricated)

Spiral Flange



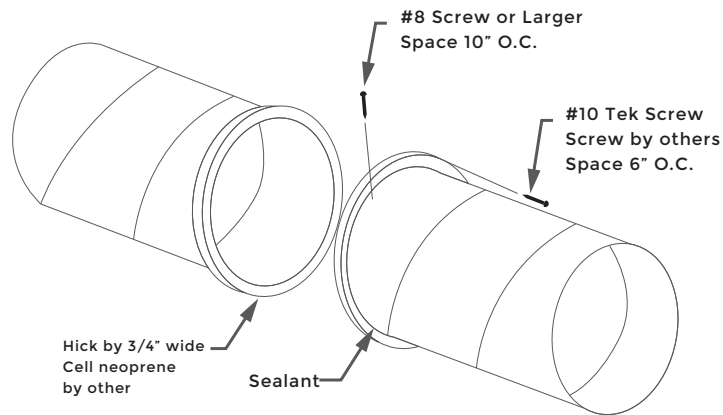
MATERIALS AVAILABLE:

Galvanized
Paintgrip

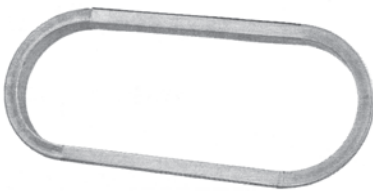
Sizes available from 8"–50"

ADDITIONAL INFO:

Spiral Flange is an 18 gauge steel flange for the assembly of spiral pupe and fittings. They attach to the end of the duct by spot welding and sealings. Spral flangs are then joined by using #10 Sheel Metal Screws.



Oval Spiral Flange



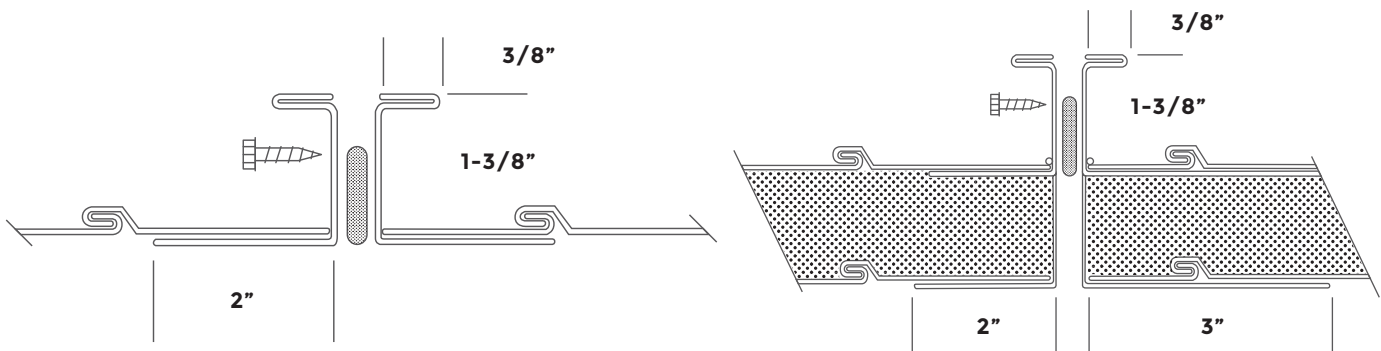
MATERIALS AVAILABLE:

Galvanized
Paintgrip

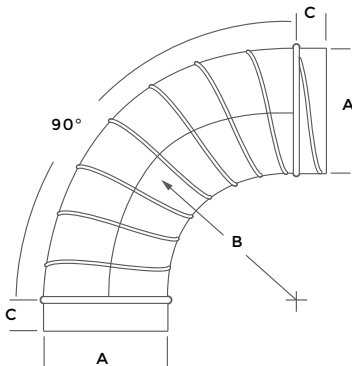
Sizes available from 8"–48"

ADDITIONAL INFO:

Spiral Flange is an 18 gauge steel flange for the assembly of spiral pupe and fittings. They attach to the end of the duct by spot welding and sealings. Spral flangs are then joined by using #10 Sheel Metal Screws.



90° Spiral Elbow (1-1/2" Centerline Radius)



MATERIALS AVAILABLE:

Galvanized Steel (26 ga.)

FEATURES:

Low pressure and friction loss. Meets SMACNA gauge requirements. Airtight 4-ply lock seam construction. 45 and 90 degree 1.5 and 1.0 centerline elbows from 4" to 14". Meets leakae Class 3 for 10" W.G. Duct construction class in a sample test section. Sealant is required only where elbows attach to the duct, saving labor time. Greater structural integrity. Visual continuity.

DIMENSIONS			
(A)	(B)	(C)	Weight
4"	6"	2"	1.2 lbs
5"	7-1/2"	2-3/16"	1.81 lbs
6"	9"	2-3/8"	2.56 lbs
7"	10-1/2"	2-9/16"	3.31 lbs
8"	12"	2-3/4"	4.17 lbs
9"	13-1/2"	2-15/16"	5.12 lbs
10"	15"	3-1/8"	6.15 lbs
12"	18"	3-9/16"	8.95 lbs
14"	21"	3-15/16"	11.77 lbs

KEY:

B/A = 1.5"

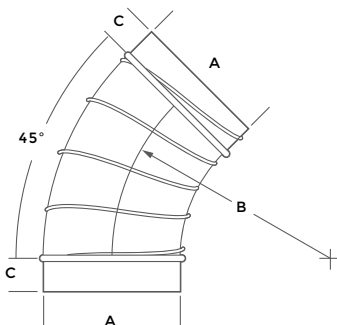
B = Centerline Radius

A = Diameter

45° Spiral Elbow (1-1/2" Centerline Radius)



IMAGE
COMING SOON



MATERIALS AVAILABLE:

Galvanized Steel (26 ga.)

FEATURES:

Low pressure and friction loss. Meets SMACNA gauge requirements. Airtight 4-ply lock seam construction. 45 and 90 degree 1.5 and 1.0 centerline elbows from 4" to 14". Meets leakae Class 3 for 10" W.G. Duct construction class in a sample test section. Sealant is required only where elbows attach to the duct, saving labor time. Greater structural integrity. Visual continuity.

DIMENSIONS			
(A)	(B)	(C)	Weight
4"	6"	2"	0.77 lbs
5"	7-1/2"	2-3/16"	1.15 lbs
6"	9"	2-3/8"	1.60 lbs
7"	10-1/2"	2-9/16"	2.05 lbs
8"	12"	2-3/4"	2.55 lbs
9"	13-1/2"	2-15/16"	3.11 lbs
10"	15"	3-1/8"	3.72 lbs
12"	18"	3-9/16"	5.37 lbs
14"	21"	3-15/16"	7.02 lbs

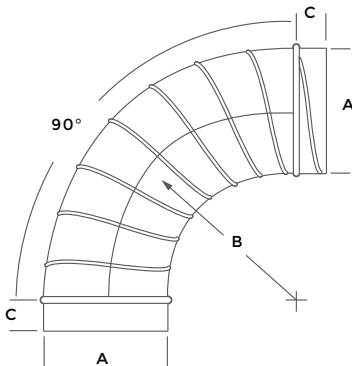
KEY:

B/A = 1.5"

B = Centerline Radius

A = Diameter

90° Spiral Elbow (1" Centerline Radius)



MATERIALS AVAILABLE:

Galvanized Steel (26 ga.)

FEATURES:

Low pressure and friction loss. Meets SMACNA gauge requirements. Airtight 4-ply lock seam construction. 45 and 90 degree 1.5 and 1.0 centerline elbows from 4" to 14". Meets leakae Class 3 for 10" W.G. Duct construction class in a sample test section. Sealant is required only where elbows attach to the duct, saving labor time. Greater structural integrity. Visual continuity.

DIMENSIONS			
(A)	(B)	(C)	Weight
4"	4"	2"	1.02 lbs
5"	5"	2-3/16"	1.44 lbs
6"	6"	2-3/8"	1.92 lbs
7"	7"	2-9/16"	2.47 lbs
8"	8"	2-3/4"	3.09 lbs
9"	9"	2-15/16"	4.13 lbs
10"	10"	3-1/8"	4.92 lbs
12"	12"	3-9/16"	6.70 lbs
14"	14"	3-15/16"	8.78 lbs

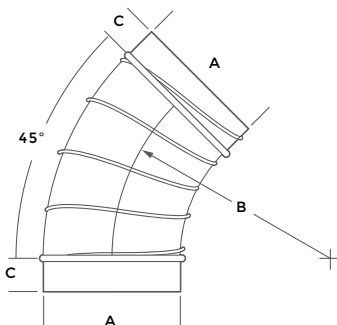
KEY:

B/A = 1.5"

B = Centerline Radius

A = Diameter

45° Spiral Elbow (1" Centerline Radius)



MATERIALS AVAILABLE:

Galvanized Steel (26 ga.)

FEATURES:

Low pressure and friction loss. Meets SMACNA gauge requirements. Airtight 4-ply lock seam construction. 45 and 90 degree 1.5 and 1.0 centerline elbows from 4" to 14". Meets leakae Class 3 for 10" W.G. Duct construction class in a sample test section. Sealant is required only where elbows attach to the duct, saving labor time. Greater structural integrity. Visual continuity.

DIMENSIONS			
(A)	(B)	(C)	Weight
4"	4"	2"	.75 lbs
5"	5"	2-3/16"	1.03 lbs
6"	6"	2-3/8"	1.31 lbs
7"	7"	2-9/16"	1.66 lbs
8"	8"	2-3/4"	2.00 lbs
9"	9"	2-15/16"	2.10 lbs
10"	10"	3-1/8"	2.32 lbs
12"	12"	3-9/16"	4.29 lbs
14"	14"	3-15/16"	5.62 lbs

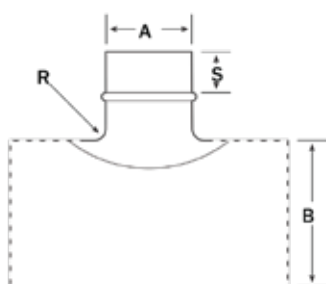
KEY:

B/A = 1.5"

B = Centerline Radius

A = Diameter

90° Die Stamped Saddle Tap



MATERIALS & OPTIONS AVAILABLE:

Material: Galvanized
Damper collars in 6" lengths
Bead or no bead

Jiffy Damper
2" Stand-Off
14"-36" are fabricated with 3/8" Flange

WELDING PROCESS:

Male Coupling For pipe, the ends are 1/8" undersize to fit inside spiral pipe. Bead is located at 2". Female Coupling For pipe, the ends are 1/8" oversize to fit over spiral pipe. Reverse bead located at 2". The couplings are designed with no protrusions, which enable the smoothest air flow possible.

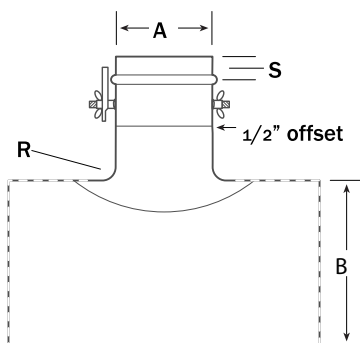
DIMENSIONS		
(A)	(B)	Weight
4"	4", 5", 6"-7", 8", 9"-10", 12"-14", 16"-24"	1.2 lbs
5"	5", 6/7", 8/9", 10", 12/14", 16/24"	1.5 lbs
6"	5", 6/7", 8/9", 10", 12/14", 16/24"	1.7 lbs
8"	8", 10", 12"-10", 16"-18", 20"-24"	2.5 lbs
10"	10", 12", 14"-16", 18"-20", 22"-24"	3.4 lbs
12"	12", 14"-16", 18"-20", 22"-24"	4.4 lbs

KEY:

A = Branch (nominal) size
B = Pipe (nominal) size
H = Height
R = Radius

R = 0.787" (4 on 4 6 on 20/22/24)
R = 1.0" (8 on 8 12 on 22/24)
S = 1-1/4" (4 on 4 5 on 16/24)
S = 1-1/2" (6 on 6 12 on 22/24)

90° Die Stamped Saddle Tap 2" Stand-Off



MATERIALS AVAILABLE:

Material: Galvanized
Damper collars in 6" lengths
Jiffy Damper

2" Stand-Off
14"-36" are fabricated with 3/8" Flange

WELDING PROCESS:

Male Coupling For pipe, the ends are 1/8" undersize to fit inside spiral pipe. Bead is located at 2". Female Coupling For pipe, the ends are 1/8" oversize to fit over spiral pipe. Reverse bead located at 2". The couplings are designed with no protrusions, which enable the smoothest air flow possible.

DIMENSIONS		
(A)	(B)	Weight
4"	4", 5", 6"-7", 8", 9"-10", 12"-14", 16"-24"	1.2 lbs
5"	5", 6/7", 8/9", 10", 12/14", 16/24"	1.5 lbs
6"	5", 6/7", 8/9", 10", 12/14", 16/24"	1.7 lbs
8"	8", 10", 12"-10", 16"-18", 20"-24"	2.5 lbs
10"	10", 12", 14"-16", 18"-20", 22"-24"	3.4 lbs
12"	12", 14"-16", 18"-20", 22"-24"	4.4 lbs

KEY:

A = Branch (nominal) size
B = Pipe (nominal) size
H = Height
R = Radius

R = 0.787" (4 on 4 6 on 20/22/24)
R = 1.0" (8 on 8 12 on 22/24)
S = 1-1/4" (4 on 4 5 on 16/24)
S = 1-1/2" (6 on 6 12 on 22/24)

45 degree Fabricated Saddle Tap



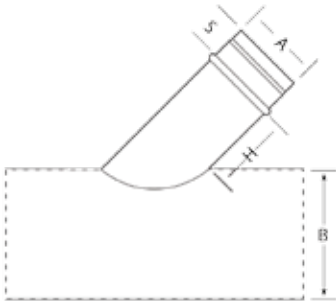
MATERIALS AVAILABLE:

Material: Galvanized, Stainless Steel,
Aluminum, Paintgrip
Damper collars in 6" lengths

Jiffy Damper
2" Stand-Off
14"–36" are fabricated with 3/8" flang

KEY:

A = Branch (nominal) size
B = Pipe (nominal) size
H = Height
R = Radius



TEES

90 Degree Tee

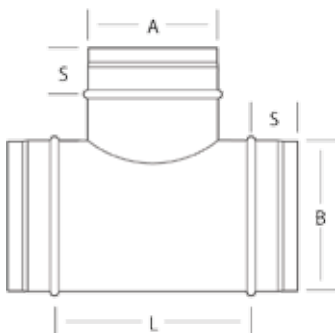


MATERIALS AVAILABLE:

Material: Galvanized, Stainless Steel,
Aluminum, Paintgrip
Damper collars in 6" lengths

Jiffy Damper
2" Stand-Off
14"–36" are fabricated with 3/8" flang

A = Branch (nominal) size
B = Pipe (nominal) size
H = Height
R = Radius

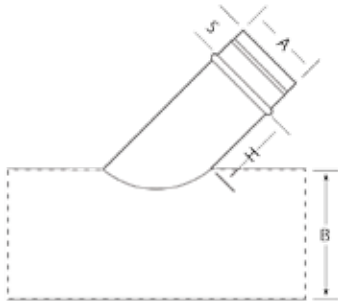
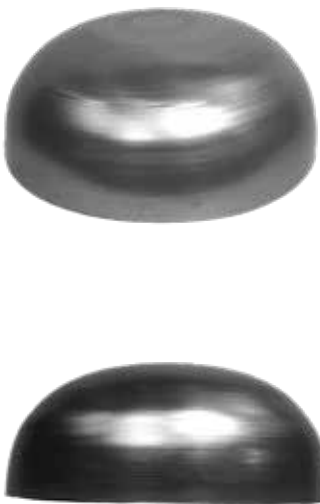


45 Degree Lateral Tee**MATERIALS AVAILABLE:**

Material: Galvanized, Stainless Steel,
Aluminum, Paintgrip
Damper collars in 6" lengths

Jiffy Damper
2" Stand-Off
14"–36" are fabricated with 3/8" flang

A = Branch (nominal) size
B = Pipe (nominal) size
H = Height
R = Radius

**MISCELLANEOUS****Sound Nose****MATERIALS AVAILABLE:**

Galvanized 20 ga.
Aluminum

Stainless Steel

DIMENSIONS			
Size	Weight	Size	Weight
4"	.6 lbs	15"	3.4 lbs
5"	.8 lbs	16"	3.8 lbs
6"	.6 lbs	17"	4.2 lbs
7"	1.2 lbs	18"	4.4 lbs
8"	1.0 lbs	19"	5.2 lbs
9"	1.8 lbs	20"	5.6 lbs
10"	1.4 lbs	22"	6.2 lbs
11"	1.8 lbs	24"	7.2 lbs
12"	2.6 lbs	26"	8.2 lbs
13"	2.4 lbs	28"	9.6 lbs
14"	3.4 lbs	30"	11.4 lbs

Angle Ring



MATERIALS AVAILABLE:

Galvanized 20 ga.
Paintgrip
3"-48" Available

Aluminum
Stainless Steel

USAGE

Used to slip inside spiral pipe (under 1/8") to connect pipe to flat duct/plenum.

Uni-Ring



MATERIALS AVAILABLE:

Galvanized Steel 10-14 gauge

USAGE

Designed to form flanged-joint connections for round metal ducts.

DIMENSIONS		
Diameter	Gauge	Thickness
6"-24"	14	0.078"
25"-42"	12	0.108"
43"-60"	10	0.138"

