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Component
Parts



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Spiral Pipe component parts*

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We continue our commitment to provide quality products as well as prompt, courteous service. Please feel free to contact us if you have any questions or would like pricing and samples of our HVAC products.

**It's Fast, It's Easy
It's Stamped Fittings®**

Terms & Conditions

Orders under \$5000 – *2%10, Net 30
Orders over \$5000 – *5%10, Net 30
(*Discounts do not apply to credit card payments)































Order Entry

- 1 Phone: 607.733.9988
- 1 Fax: 607.733.9967
- 1 Toll-Free Fax: 888.343.3676
- 1 E-mail: sales@stampedfittings.com
- 1 Web Site: www.stampedfittings.com

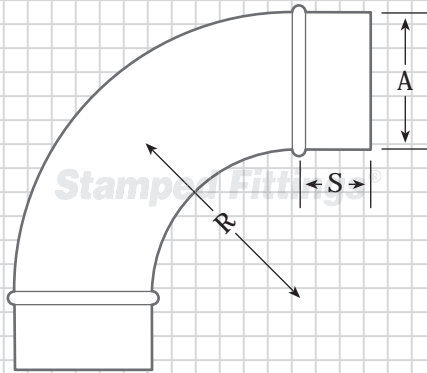
All purchase orders will be confirmed when received. Shipping confirmations will be sent after shipment.

Returns

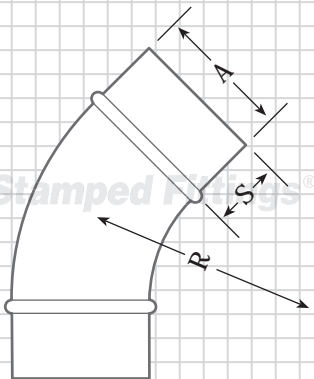
Authorization (RMA) is required prior to return of any materials and are subject to a restocking fee. Materials must be returned within 30 days of purchase.

 <i>Stamped Fittings®</i>	 <i>Stamped Fittings®</i>	 <i>Stamped Fittings®</i>	 <i>Stamped Fittings®</i>	 <i>Stamped Fittings®</i>
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**90° Die Stamped Flangeless Elbow
Galvanized (DSE90)
Galvaneal (NDSE90)**



**45° Die Stamped Flangeless Elbow
Galvanized (DSE45)
Galvaneal (NDSE45)**



Key

A = Diameter, nominal size
R = 1-1/2 A (centerline radius)
S = 2"

Materials Available

- n Galvanized (3" - 4"), 24 ga.
- n Galvanized (5" - 12"), 22 ga.
- n Galvaneal [paint grip] (4"), 24 ga.
- n Galvaneal [paint grip] (5" - 12"), 22 ga.

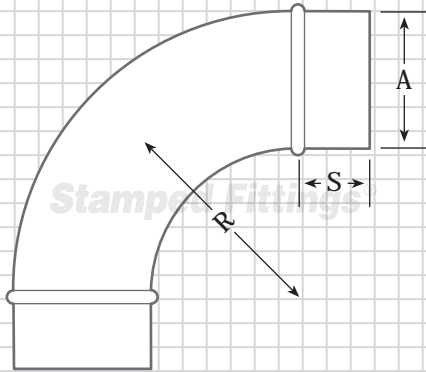
Welding Process

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

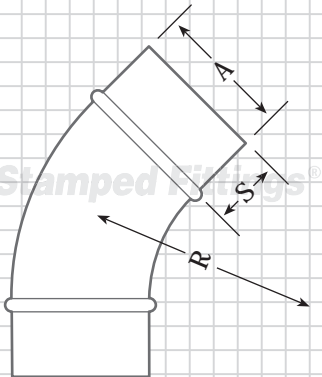
Dimensions

(A)	90° (R)	Wt. Per 90° Elbow (DSE90)	Wt. Per 90° Elbow (NDSE90)
3"	4.5"	0.8#	N/A
4"	6.0"	1.4#	1.4#
5"	7.5"	1.8#	2.5#
6"	9.0"	2.2#	3.4#
7"	10.5"	3.5#	4.4#
8"	12.0"	4.7#	5.4#
9"	13.5"	6.1#	5.9#
10"	15.0"	7.6#	6.4#
12"	18.0"	10.2#	9.0#
(A)	45° (R)	Wt. Per 45° Elbow (DSE45)	Wt. Per 45° Elbow (NDSE45)
3"	4.5"	0.6#	N/A
4"	6.0"	0.8#	0.8#
5"	7.5"	1.0#	1.5#
6"	9.0"	1.5#	2.0#
7"	10.5"	1.8#	2.6#
8"	12.0"	3.0#	3.2#
9"	13.5"	3.5#	4.0#
10"	15.0"	4.2#	4.8#
12"	18.0"	6.5#	6.6#

90° Die Stamped 1.0 CLR Flangeless Elbow (DSE190)



45° Die Stamped 1.0 CLR Flangeless Elbow (DSE145)



Key

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

Materials Available

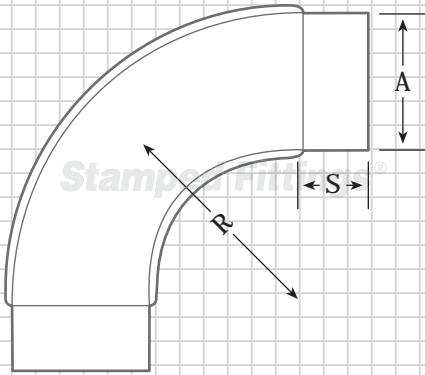
n Galvanized (4" - 12"), 22 ga.

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

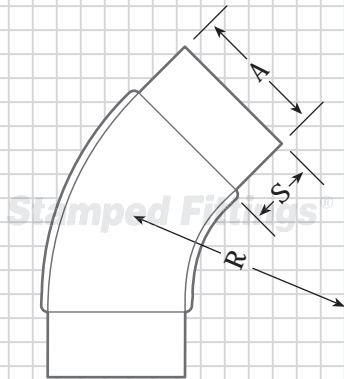
Dimensions

(A)	90° (R)	Wt. Per 90° Elbow	45° (R)	Wt. Per 45° Elbow
4"	4.0"	0.8#	4.0"	0.5#
5"	5.0"	1.0#	5.0"	0.6#
6"	6.0"	1.4#	6.0"	1.0#
7"	7.0"	2.0#	7.0"	1.2#
8"	8.0"	2.4#	8.0"	1.6#
9"	9.0"	3.0#	9.0"	2.0#
10"	10.0"	3.8#	10.0"	2.6#
12"	12.0"	7.0#	12.0"	4.0#

90° Die Stamped 20 Gauge Flanged Elbow (DSEF90)



45° Die Stamped 20 Gauge Flanged Elbow (DSEF45)



Key

A = Diameter, nominal size
 R = 1-1/2 A (centerline radius)
 S = 2"

Materials Available

- n Galvanized, 20 ga.
- n Stainless steel 304L & 316L, 20 ga.
- n Aluminum 3003, 20 ga.
- n PVS 4x4 mill, 20 ga.
- n Galvaneal (paint grip), 20 ga.

Options Available

- n Available assembled or unassembled

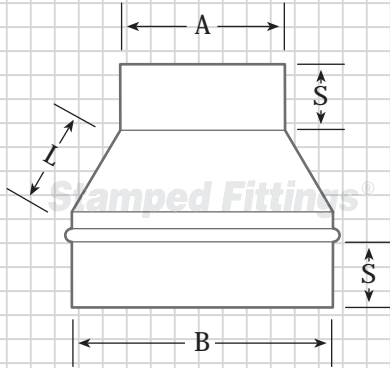
Welding Process

Galvanized, stainless steel and galvaneal are fully welded on the throat and heel by an automated welder. PVS and aluminum are assembled with stainless steel rivets and sealed with silicone. Aluminum can also be fully tig welded on the throat and heel.

Dimensions

(A)	90° (R)	Wt. Per 90° Elbow	Wt. Per 90° Elbow (Alum.)	45° (R)	Wt. Per 45° Elbow	Wt. Per 45° Elbow (Alum.)
3"	4.5"	1.0#	0.5#	4.5"	0.7#	0.2#
4"	6.0"	1.5#	0.7#	6.0"	1.0#	0.5#
5"	7.5"	2.0#	1.0#	7.5"	1.5#	0.5#
6"	9.0"	3.5#	1.7#	9.0"	2.0#	1.0#
7"	10.5"	5.0#	2.0#	10.5"	2.5#	1.2#
8"	12.0"	5.7#	2.8#	12.0"	3.2#	1.5#
9"	13.5"	7.2#	3.5#	13.5"	4.0#	1.7#
10"	15.0"	8.5#	4.0#	15.0"	5.0#	2.2#
11"	16.5"	10.0#	5.0#	16.5"	6.0#	2.7#
12"	18.0"	13.0#	6.2#	18.0"	7.0#	3.2#
14"	21.0"	18.0#	N/A	21.0"	9.0#	4.2#

1-Piece Spun Reducer – Short (4SPR)



Key

A = Small end diameter, nominal size
 B = Large end diameter, nominal size
 S = 1-1/2"
 L = 1-1/2"

Materials Available

n Galvanized, 20 ga.

Options Available

n Sizes 4" to 16"
 n Male (small ends) fit into spiral pipe
 n Bead on large end is standard

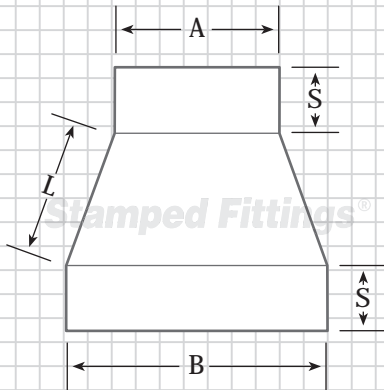
Dimensions

(B)	(A)	Weight Each
4"	3"	0.6#
5"	3"	0.6#
5"	4"	0.6#
6"	3"	0.7#
6"	4"	0.7#
6"	5"	0.7#
7"	3"	0.8#
7"	4"	0.8#
7"	5"	0.8#
7"	6"	0.8#
8"	4"	1.1#
8"	5"	1.1#
8"	6"	1.1#
8"	7"	1.1#
9"	5"	1.2#
9"	6"	1.2#
9"	7"	1.2#
9"	8"	1.2#
10"	5"	1.3#
10"	6"	1.3#
10"	7"	1.3#
10"	8"	1.3#
10"	9"	1.3#
11"	7"	1.6#
11"	8"	1.6#
11"	9"	1.6#
11"	10"	1.6#

Dimensions

(B)	(A)	Weight Each
12"	6"	1.8#
12"	7"	1.8#
12"	8"	1.8#
12"	9"	1.8#
12"	10"	1.8#
14"	8"	2.1#
14"	9"	2.1#
14"	10"	2.1#
14"	11"	2.1#
14"	12"	2.1#
14"	13"	2.1#
15"	9"	2.2#
15"	10"	2.2#
15"	11"	2.2#
15"	12"	2.2#
15"	13"	2.2#
15"	14"	2.2#
16"	10"	2.4#
16"	11"	2.4#
16"	12"	2.4#
16"	13"	2.4#
16"	14"	2.4#
16"	15"	2.4#

**1-Piece Concentric Spun Reducer
(CSPR/CSPRB)
Concentric Reducer (CR)**



Key

- A = Small end diameter, nominal size
- B = Large end diameter, nominal size
- L = 4"
- S = 3" (CSPR/CSPRB)
- S = 2" for 26" - 36" (CR)

Materials Available

- n Galvanized, 20 ga. (CSPR/CSPRB)
- n Galvanized, 22 ga. (CR)

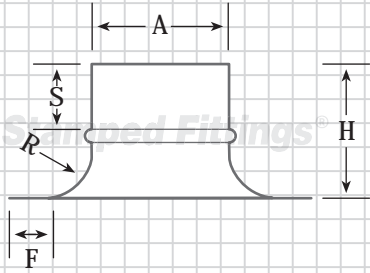
Options Available

- n Sizes 4" to 24" (CSPR/CSPRB)
- n Sizes 26" to 36" are not available as a spun reducer, they are fabricated (CR)
- n Male (small ends) fit into spiral pipe
- n Bead available on large end upon request (CSPRB)

Sizes For CSPR/CSPRB Only

(B)	(A)	Weight Each	(B)	(A)	Weight Each
4"	3"	1.0#	14"	8"	3.3#
5"	3"	1.3#	14"	9"	3.3#
5"	4"	1.3#	14"	10"	3.3#
6"	3"	1.5#	14"	11"	3.3#
6"	4"	1.5#	14"	12"	3.3#
6"	5"	1.5#	14"	13"	3.3#
7"	3"	1.8#	15"	9"	3.6#
7"	4"	1.8#	15"	10"	3.6#
7"	5"	1.8#	15"	11"	3.6#
7"	6"	1.8#	15"	12"	3.6#
8"	4"	2.0#	15"	13"	3.6#
8"	5"	2.0#	15"	14"	3.6#
8"	6"	2.0#	16"	10"	3.9#
8"	7"	2.0#	16"	11"	3.9#
9"	5"	2.2#	16"	12"	3.9#
9"	6"	2.2#	16"	13"	3.9#
9"	7"	2.2#	16"	14"	3.9#
9"	8"	2.2#	16"	15"	3.9#
10"	5"	2.6#	18"	12"	4.3#
10"	6"	2.6#	18"	14"	4.3#
10"	7"	2.6#	18"	16"	4.3#
10"	8"	2.6#	20"	14"	4.8#
10"	9"	2.6#	20"	16"	4.8#
11"	6"	2.7#	20"	18"	4.8#
11"	7"	2.7#	22"	16"	5.5#
11"	8"	2.7#	22"	18"	5.5#
11"	9"	2.7#	22"	20"	5.5#
11"	10"	2.7#	24"	18"	6.0#
12"	6"	2.8#	24"	20"	6.0#
12"	7"	2.8#	24"	22"	6.0#
12"	8"	2.8#			
12"	9"	2.8#			
12"	10"	2.8#			
12"	11"	2.8#			

Bellmouth Take-Off (BTOB & BTONB)



Key

A = Diameter, nominal size
 R = Radius
 F = Flange length
 H = Overall height
 T = Flange thickness (gauge)

Materials Available

- n Galvanized (4" - 12"), 24 ga., stamped
- n Galvanized (14" - 36"), 20 ga., spun

Options Available

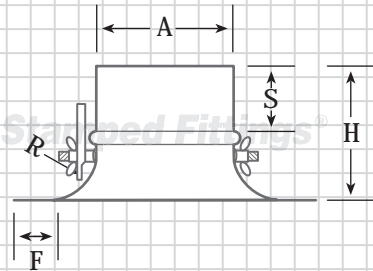
- n Sizes 4" to 36"
- n Dampers (see BTOBD spec)
- n Peel & stick gasket is standard on BTOB (4" - 14")
- n 2" Stand-off
- n Bead or no bead

Dimensions

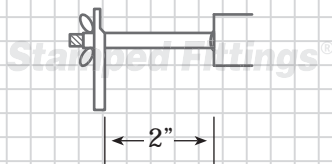
(A)	(R)	(F)	(H)	(S)	Weight Each
4"	1.0"	1"	2-1/4"	1-1/2"	0.4#
5"	1.0"	1"	2-3/8"	1-1/2"	0.7#
6"	1.0"	1"	4-1/4"	1-1/2"	0.8#
7"	1.0"	1"	3-1/2"	1-1/2"	0.7#
8"	1.0"	1"	4-1/2"	1-1/2"	1.1#
9"	1.0"	1"	3-1/2"	1-1/2"	0.9#
10"	1.0"	1"	4-3/4"	1-1/2"	1.5#
12"	1.0"	1"	5-1/2"	1-1/2"	2.0#
14"	1.0"	.75"	6-1/2"	1-1/2"	3.2#
16"	2.0"	.75"	8-1/2"	1-1/2"	4.4#
18"	2.0"	1"	8-1/2"	1-1/2"	5.4#
20"	2.0"	1"	8-1/2"	2"	6.2#
22"	2.0"	1"	8-1/2"	2"	7.0#
24"	2.0"	1"	8-1/2"	2"	7.4#
26"	2.0"	1"	8-1/2"	2"	8.0#
28"	2.0"	1"	8-1/2"	2"	8.0#
30"	2.0"	1"	8-1/2"	2"	10.0#
32"	2.0"	1"	8-1/2"	2"	10.0#
34"	2.0"	1"	8-1/2"	2"	11.0#
36"	2.0"	1"	8-1/2"	2"	11.0#

- n 4", 5", 7" & 9" are short BTO's
- n Peel & stick gasket is not available on 16"-36"

Bellmouth Take-Off with Damper (BTOBD)



OPTION: 2" Shaft Extension Handle (BTOD2S)



Key

A = Diameter, nominal size
 R = Radius
 F = Flange length
 H = Overall height
 T = Flange thickness (gauge)

Materials Available

- n Galvanized (4" - 12"), 24 ga., stamped
- n Galvanized (14" - 36"), 20 ga., spun

Options Available

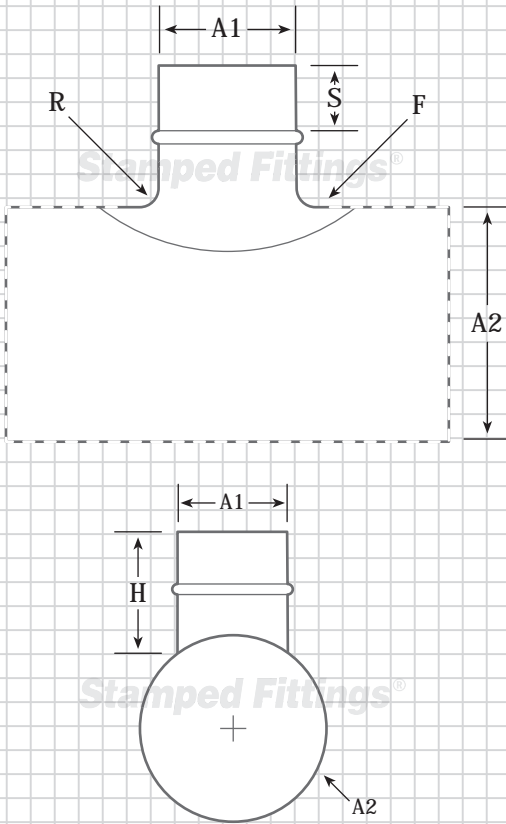
- n Sizes 4" to 36"
- n Peel & stick gasket is standard on BTOBD (4" - 14")
- n 2" Stand-off, BTOD2S (see shaft extension handle drawing tot the left)

Dimensions

(A)	(R)	(F)	(H)	(S)	Weight Each
4"	1.0"	1"	8"	1-1/4"	1.0#
5"	1.0"	1"	8-1/2"	1-1/4"	1.2#
6"	1.0"	1"	4-1/4"	1-1/2"	1.0#
7"	1.0"	1"	9"	1-1/2"	2.4#
8"	1.0"	1"	4-1/4"	1-1/2"	1.4#
9"	1.0"	1"	9"	1-1/2"	3.0#
10"	1.0"	1"	4-3/4"	1-1/2"	2.1#
12"	1.0"	1"	5-1/2"	1-1/2"	2.6#
14"	1.0"	3/4"	6-1/2"	2"	4.2#
16"	2.0"	3/4"	8-1/2"	2"	6.4#
18"	2.0"	1"	8-1/2"	2"	7.4#
20"	2.0"	1"	8-1/2"	2"	8.2#
22"	2.0"	1"	8-1/2"	2"	9.0#
24"	2.0"	1"	8-1/2"	2"	9.4#
26"	2.0"	1"	8-1/2"	2"	13.0#
28"	2.0"	1"	8-1/2"	2"	13.0#
30"	2.0"	1"	8-1/2"	2"	17.0#
32"	2.0"	1"	8-1/2"	2"	17.0#
34"	2.0"	1"	8-1/2"	2"	21.0#
36"	2.0"	1"	8-1/2"	2"	21.0#

- n 4", 5", 7" & 9" are short BTO's
- n Peel & stick gasket is not available on 16"-36"

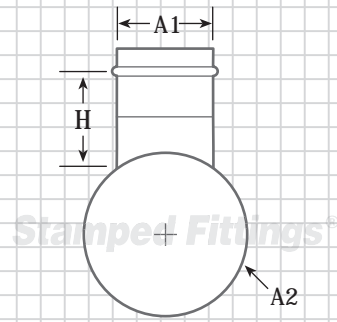
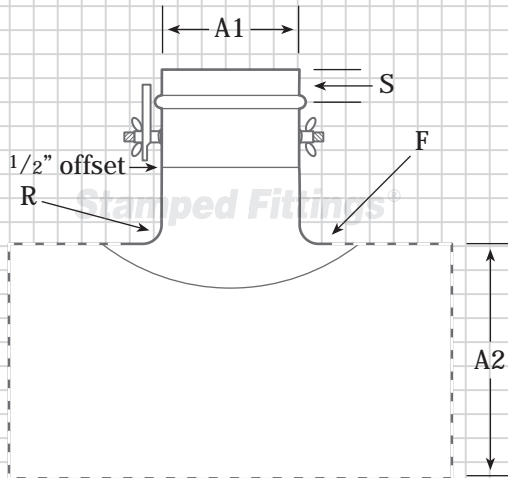
90° Die Stamped Saddle Tap (DSTB & DSTNB)



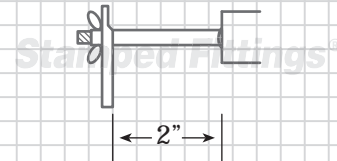
Key	
A1 = Branch (nominal) size	R = Radius
A2 = Pipe (nominal) size	F = Flange on pipe
R = 0.787" (4 on 4 – 6 on 20/22/24), 1.0" (8 on 8 – 12 on 22/24)	
F = 1.0" (4 on 4 – 8 on 20/22/24), 2.0" (10 on 10 – 12 on 22/24)	
S = 1-1/4" (4 on 4 – 5 on 16/24), 1-1/2" (6 on 6 – 12 on 22/24)	
Materials Available	
n Galvanized, 24 ga.	
Options Available	
n Damper collars in 6" lengths (see DSTDC6 spec)	
n Bead or no bead	

Dimensions			
(A1)	(A2)	Weight Each	(H)
4"	4"	0.4#	2"
4"	5"	0.4#	2"
4"	6" - 7"	0.4#	2"
4"	8"	0.4#	2"
4"	9" - 10"	0.4#	2"
4"	12" - 14"	0.4#	2"
4"	16" - 24"	0.4#	2"
5"	5"	0.7#	2-1/8"
5"	6" - 7"	0.7#	2-1/8"
5"	8" - 9"	0.7#	2-1/8"
5"	10"	0.7#	2-1/8"
5"	12" - 14"	0.7#	2-1/8"
5"	16" - 24"	0.7#	2-1/8"
6"	6"	0.8#	3-1/8"
6"	8"	0.8#	3-1/8"
6"	10" - 12"	0.7#	3-1/8"
6"	14" - 18"	0.7#	3-1/8"
6"	20" - 24"	0.6#	3-1/8"
8"	8"	1.1#	3-3/8"
8"	10"	1.3#	3-3/8"
8"	12" - 14"	1.1#	3-3/8"
8"	16" - 18"	1.1#	3-3/8"
8"	20" - 24"	1.0#	3-3/8"
10"	10"	1.8#	3-3/8"
10"	12"	2.0#	3-3/8"
10"	14" - 16"	1.8#	3-3/8"
10"	18" - 20"	1.8#	3-3/8"
10"	22" - 24"	1.7#	3-3/8"
12"	12"	2.3#	3-1/2"
12"	14" - 16"	2.0#	3-1/2"
12"	18" - 20"	2.3#	3-1/2"
12"	22" - 24"	2.1#	3-1/2"

90° Die Stamped Saddle Tap with Damper (DSTDC6)



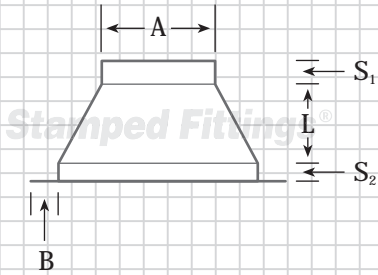
OPTION: 2" Shaft Extension Handle (DSTD2S)



Key
A1 = Branch (nominal) size
A2 = Pipe (nominal) size
F = Flange on pipe
H = Height
R = Radius
R = 0.787" (4 on 4 – 6 on 20/22/24), 1.0" (8 on 8 – 12 on 22/24)
F = 1.0" (4 on 4 – 8 on 20/22/24), 2.0" (10 on 10 – 12 on 22/24)
S = 1-1/4" (4 on 4 – 5 on 16/24), 1-1/2" (6 on 6 – 12 on 22/24)
H = 6" (where A1 is 4" - 5") 7" (where A1 is 6" - 12")
Materials Available
n Galvanized, 24 ga.
Options Available
n 2" Stand-offs, DSTD2S (see shaft extension handle drawing above)

Dimensions					
(A1)	(A2)	Weight Each	(A1)	(A2)	Weight Each
4"	4"	0.8#	6"	14" - 18"	1.4#
4"	5"	0.8#	6"	20" - 24"	1.4#
4"	6"-7"	0.8#	8"	8"	2.1#
4"	8"	0.8#	8"	10"	2.3#
4"	9" - 10"	0.8#	8"	12" - 14"	2.1#
4"	12" - 14"	0.8#	8"	16" - 18"	2.1#
4"	16" - 24"	0.8#	8"	20" - 24"	2.0#
5"	5"	1.3#	10"	10"	3.0#
5"	6" - 7"	1.3#	10"	12"	3.2#
5"	8" - 9"	1.3#	10"	14" - 16"	3.0#
5"	10"	1.3#	10"	18" - 20"	3.0#
5"	12" - 14"	1.3#	10"	22" - 24"	2.9#
5"	16" - 24"	1.3#	12"	12"	3.7#
6"	6"	1.6#	12"	14" - 16"	3.4#
6"	8"	1.6#	12"	18" - 20"	3.7#
6"	10" - 12"	1.5#	12"	22" - 24"	3.5#

Conical Take-Off (CTO)



Key

A = Diameter, nominal size
 B = 3/4" (flange length)
 L = 4"
 S₁ = 2"
 S₂ = 1-1/4"

Materials Available

- n Galvanized (3" - 22"), 20 ga., spun
- n Galvanized (24" - 34"), 22 ga., fabricated

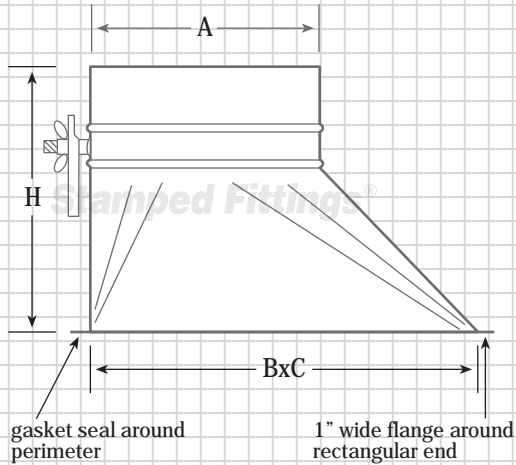
Options Available

- n Sizes 3" to 34"
- n Total length = 7-1/4"
- n Male (small ends) to fit into spiral pipe

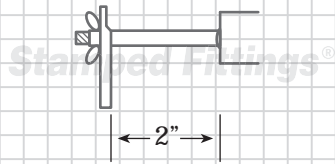
Dimensions

(A)	(B)	(L)	(S ₁)	(S ₂)	Weight Each
3"	3/4"	4"	2"	1-1/4"	1.0#
4"	3/4"	4"	2"	1-1/4"	1.3#
5"	3/4"	4"	2"	1-1/4"	1.5#
6"	3/4"	4"	2"	1-1/4"	1.7#
7"	3/4"	4"	2"	1-1/4"	1.8#
8"	3/4"	4"	2"	1-1/4"	1.9#
9"	3/4"	4"	2"	1-1/4"	2.0#
10"	3/4"	4"	2"	1-1/4"	2.1#
12"	3/4"	4"	2"	1-1/4"	2.2#
14"	3/4"	4"	2"	1-1/4"	2.5#
16"	3/4"	4"	2"	1-1/4"	2.7#
18"	3/4"	4"	2"	1-1/4"	2.8#
20"	3/4"	4"	2"	1-1/4"	3.3#
22"	3/4"	4"	2"	1-1/4"	3.7#
24"	3/4"	4"	2"	1-1/4"	4.2#
26"	3/4"	4"	2"	1-1/4"	4.8#
28"	3/4"	4"	2"	1-1/4"	7.0#
30"	3/4"	4"	2"	1-1/4"	7.0#
32"	3/4"	4"	2"	1-1/4"	8.0#
34"	3/4"	4"	2"	1-1/4"	8.0#

High Efficiency Take-Off (HETD)



OPTION: 2" Shaft Extension Handle (HETD2S)



Key

A = Diameter, nominal size
 BxC = Base
 H = Height
 HETD - With damper

Materials Available

- n Galvanized, 26 ga.
- n Complete with peel & stick neoprene gasket

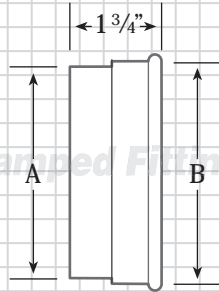
Options Available

- n 2" Stand-off, HETD2S (see shaft extension handle drawing to the left)

Dimensions

(A)	(BxC)	(H)	26 Ga. Weight
4"	10" x 5"	12"	1.04#
5"	10" x 5"	12"	1.60#
6"	12" x 6"	12"	1.80#
7"	12" x 6"	12"	2.00#
8"	12" x 6"	12-1/2"	2.20#
9"	15" x 6"	12-1/2"	2.80#
10"	16" x 6-3/4"	12-1/2"	3.00#
12"	18" x 8-1/2"	12-1/2"	3.60#
14"	20" x 9-1/2"	12-1/2"	4.20#
16"	24" x 12"	17-1/2"	6.60#

End Cap/Plug (ECP)



Key

A = Small end to fit in spiral pipe, $-\frac{1}{8}$ " (Plug)
 B = Large end to fit over spiral pipe, $+\frac{1}{8}$ " (Cap), nominal size

Materials Available

n Galvanized, 24 ga.

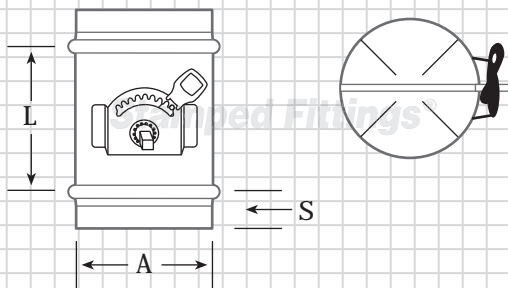
Options Available

n Sizes 3" to 30"

Dimensions

Nominal Size	(A)	(B)	Weight Each
3"	2-7/8"	3-1/8"	.20#
4"	2-7/8"	4-1/8"	.20#
5"	3-7/8"	5-1/8"	.35#
6"	4-7/8"	6-1/8"	.50#
7"	5-7/8"	7-1/8"	.60#
8"	6-7/8"	8-1/8"	.70#
9"	7-7/8"	9-1/8"	.85#
10"	8-7/8"	10-1/8"	1.05#
12"	9-7/8"	12-1/8"	1.40#
14"	11-7/8"	14-1/8"	1.80#
16"	13-7/8"	16-1/8"	2.20#
18"	15-7/8"	18-1/8"	2.70#
20"	17-7/8"	20-1/8"	3.40#
22"	19-7/8"	22-1/8"	4.00#
24"	21-7/8"	24-1/8"	4.50#
26"	23-7/8"	26-1/8"	5.20#
28"	25-7/8"	28-1/8"	5.88#
30"	27-7/8"	30-1/8"	6.60#

Damper Section (D)



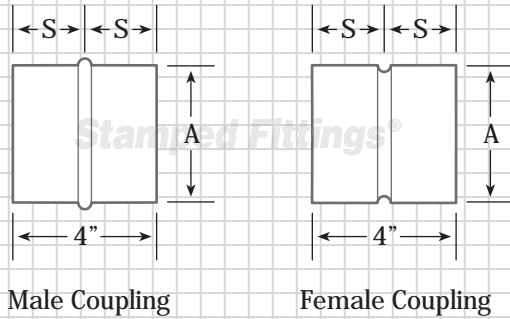
Key

A = 4" - 10" (all sizes), 12" - 36" (even sizes only)
 S = 2"
 L = 4"

Features

- 1 22 ga. galvanized body
- 1 2" Stand-off (20 ga.)
- 1 Nylon bushings with EPDM o-ring for sealing of holes
- 1 Locking handle for adjustment of damper - ease of balancing
- 1 3/8" Continuous square rod through damper
- 1 4" - 16" Standard dampers (22 ga.)
- 1 18" - 36" Standard dampers (20 ga.)

Coupling (CM/CF)



Dimensions		
(A)	(S)	Weight Each
3"	2"	0.8#
4"	2"	1.0#
5"	2"	1.3#
6"	2"	1.5#
7"	2"	1.7#
8"	2"	2.0#
9"	2"	2.2#
10"	2"	2.5#
12"	2"	3.0#
14"	2"	3.5#
16"	2"	3.9#
18"	2"	4.5#
20"	2"	4.9#
22"	2"	5.7#
24"	2"	6.7#
26"	2"	
28"	2"	
30"	2"	
32"	2"	
34"	2"	
36"	2"	

Key

- A = Diameter, nominal size
- S = 2"
- Male Coupling – for pipe, ends are 1/8" undersize to fit inside spiral pipe
- Female Coupling – for pipe, ends are 1/8" oversize to fit over spiral pipe

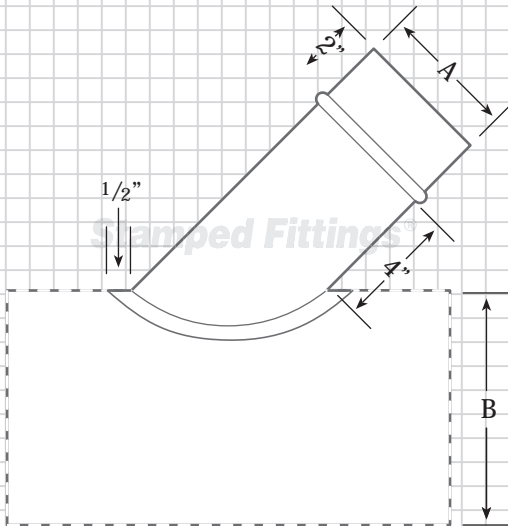
Materials Available

- n Galvanized (3" - 10"), 24 ga.
- n Galvanized (12" - 24"), 22 ga.

Options Available

- n 4" overall length is standard
- n Bead located at 2" on male coupling
- n Reverse bead located at 2" on female coupling
- n Pop rivet construction

Fabricated 45° Saddle Tap (ST45)



Key

A = Branch (nominal) size
B = Pipe size

Materials Available

- n Galvanized, 24 ga.
- n SE x +/- 1/2" flange out
- n Other sizes and materials available upon request

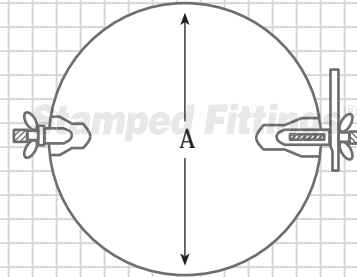
Dimensions

(A)	Weight Each
3"	0.92#
4"	1.08#
5"	1.23#
6"	1.54#
7"	1.85#
8"	2.16#
9"	2.77#
10"	3.08#
11"	3.39#
12"	3.70#
13"	4.01#
14"	4.32#

Dimensions

(A)	Weight Each
16"	4.93#
18"	5.55#
20"	6.16#
22"	6.78#
24"	7.40#
26"	9.94#
28"	10.70#
30"	11.47#
32"	12.23#
34"	13.00#
36"	13.76#

Volume Damper (VD)



Shown with hardware installed

5/16" hardware and handle are included (loose)

Key

A = Diameter, nominal size

Materials Available

- n Galvanized, 24 ga.

Options Available

- n 2" Stand-off with loose hardware
- n Sizes 4" to 10" (all sizes), 12" to 36" (even sizes only)