

Stamped Fittings LLC

Stamped

***HVAC Spiral Pipe
Component Parts***

Stamped Fittings® – Introduction

Yellow label union manufacturer of round HVAC Spiral Pipe components

Stamped Fittings® HVAC components will save you time and money on your next spiral pipe job. In a market that is becoming more and more competitive, cutting costs is crucial. We have what you need to compete in the market. Our extensive inventory of pre-boxed fittings are readily available to make your job faster, easier and cost effective.

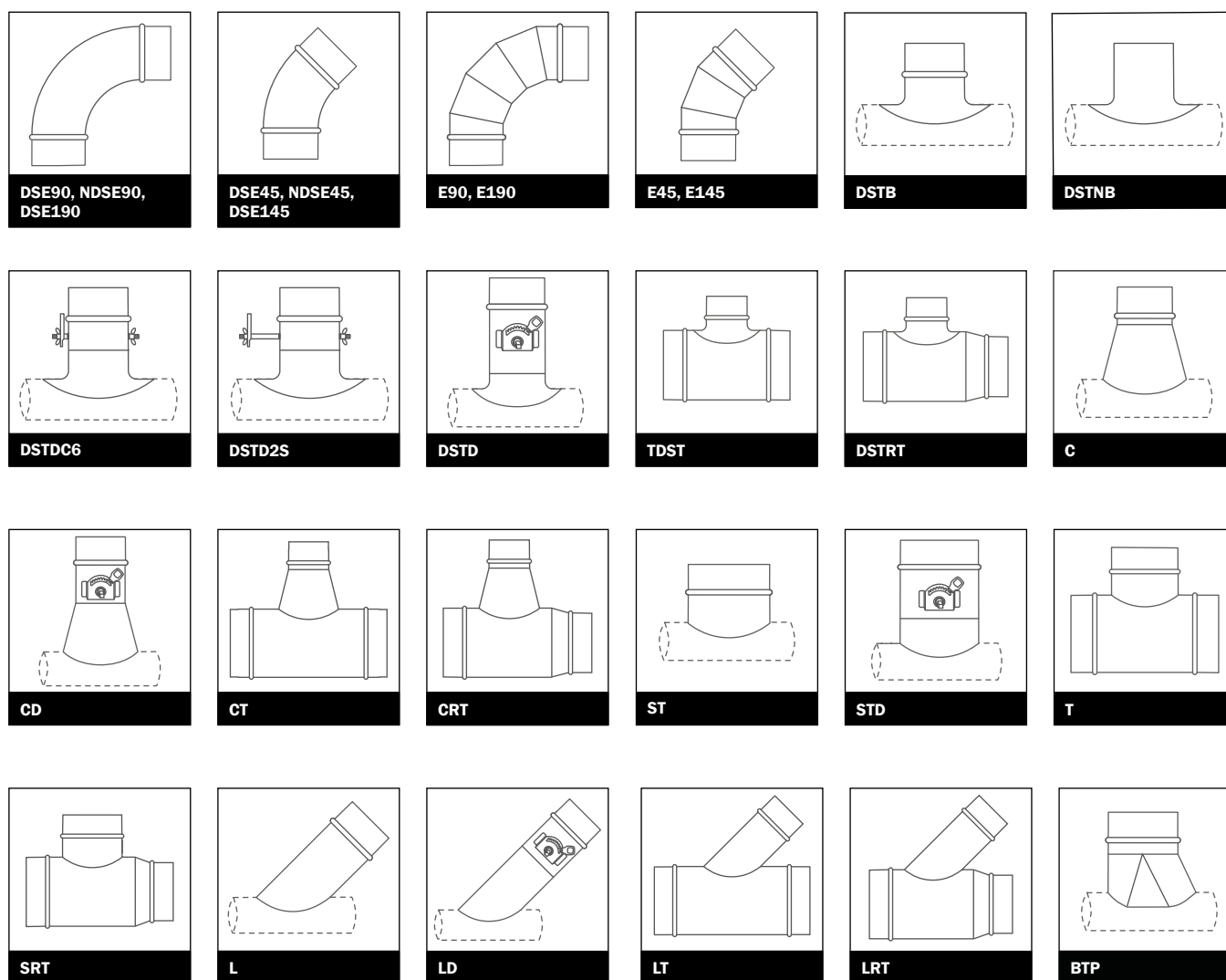
We continue our commitment to provide quality products as well as prompt, courteous service. Please feel free to contact us if you have any questions or would like pricing and samples.

CONSTRUCTION STANDARD

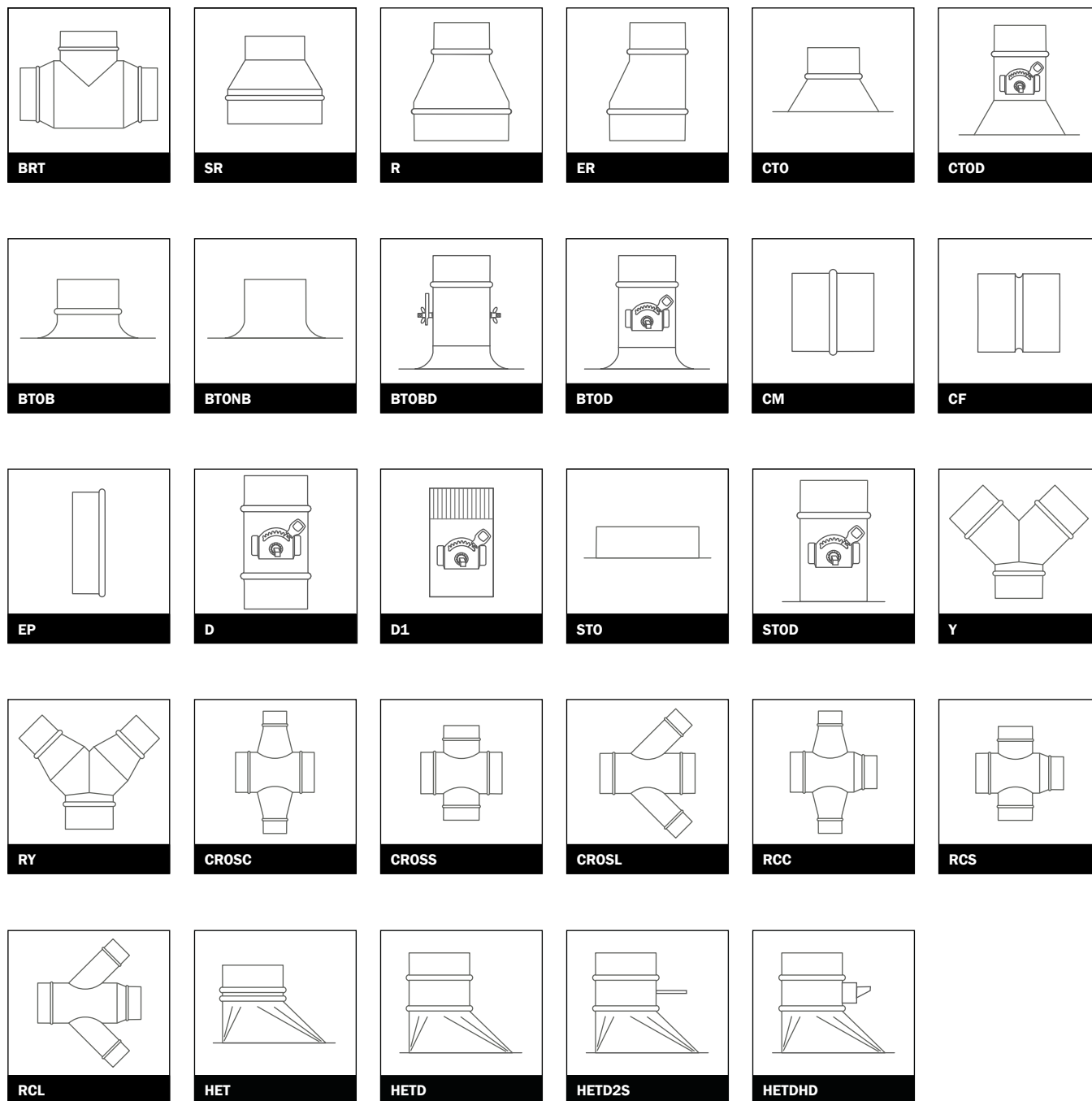
All fittings are made per SMACNA's Duct Construction Standards (-2" W.G. / +10" W.G.).

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

Stamped Fittings® – Product Line

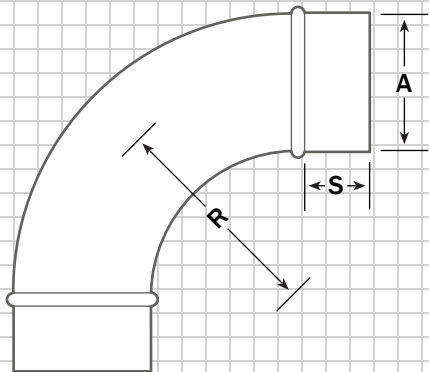


Stamped Fittings® – Product Line

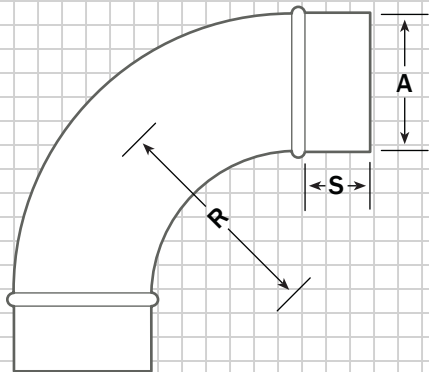


Stamped Fittings® – Product Specifications

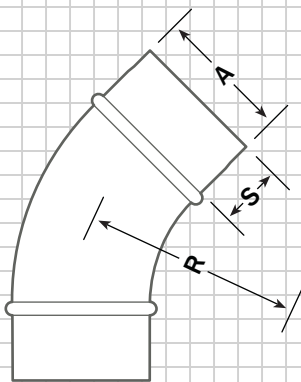
90° Die Stamped 1.5 CLR Elbow
Galvanized (DSE90)
Galvaneal (NDSE90)



90° Die Stamped 1.0 CLR Elbow
Galvanized (DSE190)



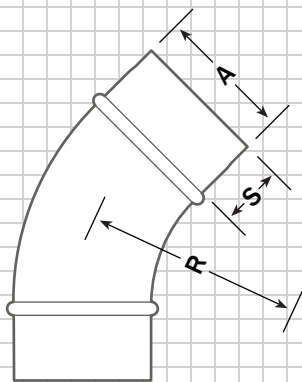
45° Die Stamped 1.5 CLR Elbow
Galvanized (DSE45)
Galvaneal (NDSE45)



Key

A = 4" - 10" (all sizes), 12"
R = 1 1/2 A (centerline radius)
S = 2"

45° Die Stamped 1.0 CLR Elbow
Galvanized (DSE145)

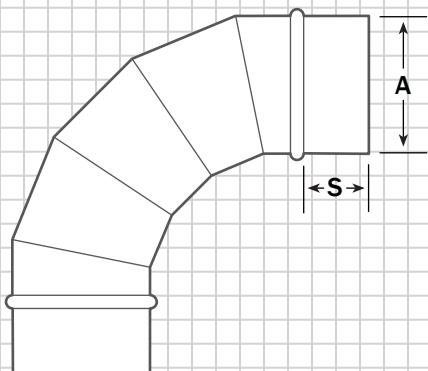


Key

A = 4" - 8" (all sizes), 10"
R = 1A (centerline radius)
S = 2"

Stamped Fittings® – Product Specifications

90° 5-Piece 1.5 CLR Elbow (E90) 90° 5-Piece 1.0 CLR Elbow (E190)



Options Available

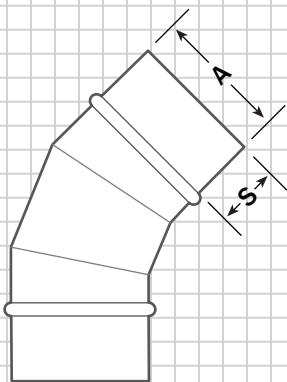
- Specify CLR (1.5, 1.0, etc.)
- Specify Degree (15°, 22.5°, 30°, 45°, 60°, 90°, etc.)
- Up to 30° = 2 Piece
- 30° + up to 60° = 3 Piece
- 60° + up to but not including 90° = 4 Piece
- 90° = 5 Piece
- Exception: 12" 90° = 4 Piece

Key

A = 4" - 10" (all sizes), 12" - 60" (even sizes only)

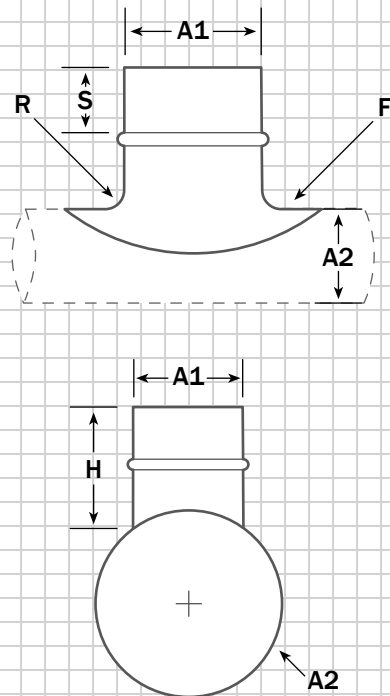
S = 2"

45° 3-Piece 1.5 CLR Elbow (E45) 45° 3-Piece 1.0 CLR Elbow (E145)



Stamped Fittings® - Product Specifications

90° Die Stamped Saddle Tap Bead (DSTB) No Bead (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

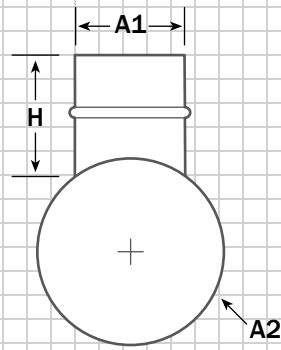
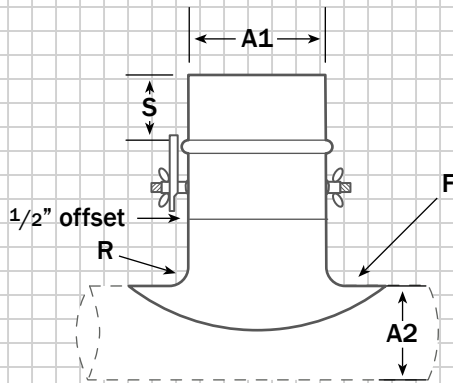
- Galvanized, 24 ga.

Dimensions

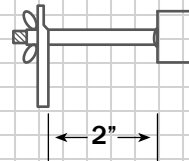
A1	A2	H
4"	4"	2"
4"	5"	2"
4"	6" - 7"	2"
4"	8"	2"
4"	9" - 10"	2"
4"	12" - 14"	2"
4"	16" - 24"	2"
5"	5"	2-1/8"
5"	6" - 7"	2-1/8"
5"	8" - 9"	2-1/8"
5"	10"	2-1/8"
5"	12" - 14"	2-1/8"
5"	16" - 24"	2-1/8"
6"	6"	3-1/8"
6"	8"	3-1/8"
6"	10" - 12"	3-1/8"
6"	14" - 18"	3-1/8"
6"	20" - 24"	3-1/8"
8"	8"	3-3/8"
8"	10"	3-3/8"
8"	12" - 14"	3-3/8"
8"	16" - 18"	3-3/8"
8"	20" - 24"	3-3/8"
10"	10"	3-3/8"
10"	12"	3-3/8"
10"	14" - 16"	3-3/8"
10"	18" - 20"	3-3/8"
10"	22" - 24"	3-3/8"
12"	12"	3-1/2"
12"	14" - 16"	3-1/2"
12"	18" - 20"	3-1/2"
12"	22" - 24"	3-1/2"

Stamped Fittings® – Product Specifications

90° Die Stamped Saddle Tap with Damper (DSTDC6 / DSTD2S)



OPTION: 2" Shaft Extension Handle (DSTD2S)



Key

A1 = Branch (nominal) size H = Height
A2 = Pipe (nominal) size R = Radius
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)

H = 6" (where A1 is 4" - 5"),
7" (where A1 is 6" - 12")

Materials Available

- Galvanized, 24 ga.

Options Available

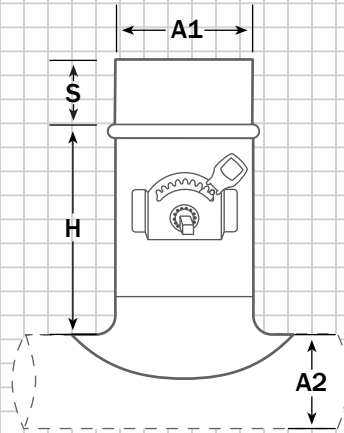
- 2" Stand-offs, DSTD2S (see shaft extension handle drawing above)

Dimensions

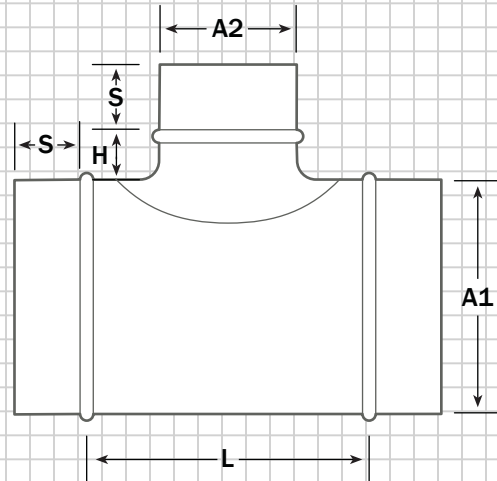
A1	A2
4"	4"
4"	5"
4"	6" - 7"
4"	8"
4"	9" - 10"
4"	12" - 14"
4"	16" - 24"
5"	5"
5"	6" - 7"
5"	8" - 9"
5"	10"
5"	12" - 14"
5"	16" - 24"
6"	6"
6"	8"
6"	10" - 12"
6"	14" - 18"
6"	20" - 24"
8"	8"
8"	10"
8"	12" - 14"
8"	16" - 18"
8"	20" - 24"
10"	10"
10"	12"
10"	14" - 16"
10"	18" - 20"
10"	22" - 24"
12"	12"
12"	14" - 16"
12"	18" - 20"
12"	22" - 24"

Stamped Fittings® – Product Specifications

90° Die Stamped Saddle Tap with Damper (DSTD)



90° Tee with Die Stamped Saddle Tap (TDST)



Key (DSTD)

A1 = 4", 5", 6", 8", 10", 12"

A2 = Up to 24" (A2 is greater than or equal to A1)

S = 2" (S = 1.5" for 4" only)

H = 7 - 1/2" (for 4"), 7 - 3/8" (for 5"), 8 - 1/4" (for 6"),
8 - 1/2" (for 8", 10" & 12")

Low-Leakage Dampers:

- 2" Stand-off
- Nylon bushings
- Locking handle
- 3/8" Continuous square rod

Key (TDST)

A1 = Up to 24" (A1 is greater than or equal to A2)

A2 = 4", 5", 6", 8", 10", 12"

S = 2" (S = 1.5" for 4" only)

H = 3/4" (where A1 = 6" or less),
1" (where A1 = 8" or more)

L = A2 + 4"

Key (DSTRT)

A1 = Up to 24" (A1 is greater than or equal to A2)

A2 = Up to 24" (A2 is less than A1)

A3 = 4", 5", 6", 8", 10", 12"

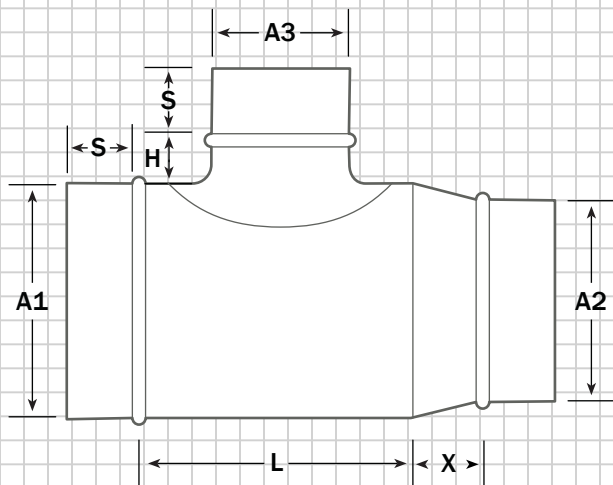
S = 2" (S = 1.5" for 4" only)

H = 3/4" (where A3 = 6" or less),
1" (where A3 = 8" or more)

L = A3 + 4"

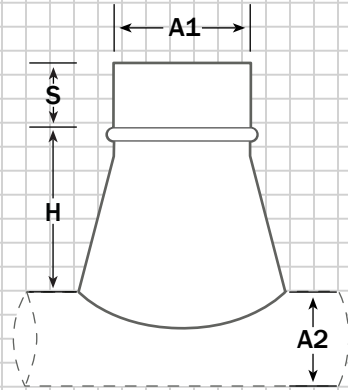
X = A1 - A2 (4" minimum)

90° Reducing Tee with Die Stamped Saddle Tap (DSTRT)

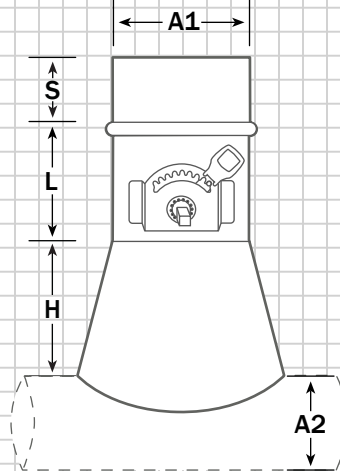


Stamped Fittings® – Product Specifications

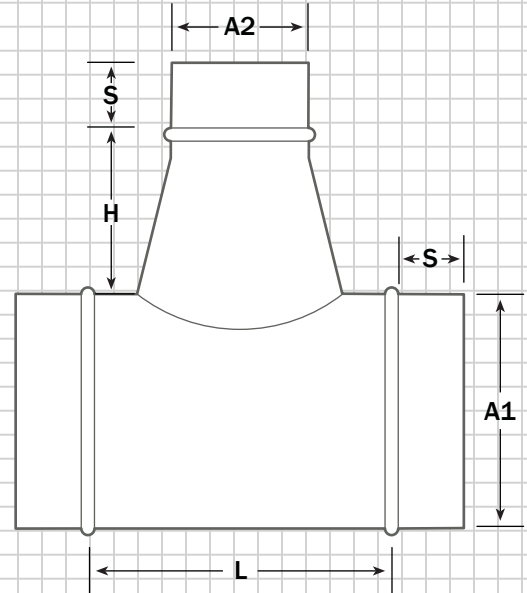
90° Conical (C)



90° Conical with Damper (CD)



90° Conical Tee (CT)



Key (C)

Sizes Available for A1:
4" - 10" (all sizes), 12" - 60" (even sizes only)
A2 is greater than A1
S = 2"
H = 5"

Key (CD)

Sizes Available for A1:
4" - 10" (all sizes), 12" - 36" (even sizes only)
A2 is greater than A1
S = 2"
H = 5"
L = 4"

Low-Leakage Dampers:

- 2" Stand-off
- Nylon bushings
- Locking handle
- 3/8" Continuous square rod

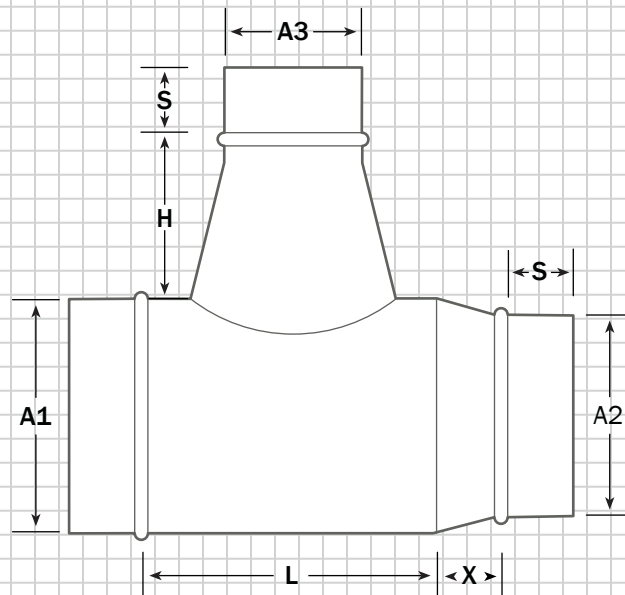
Key (CT)

Sizes Available for A1 & A2:
4" - 10" (all sizes), 12" - 60" (even sizes only)
A1 is greater than A2
S = 2"
H = 5"
L = A2 + 4"

Key (CRT)

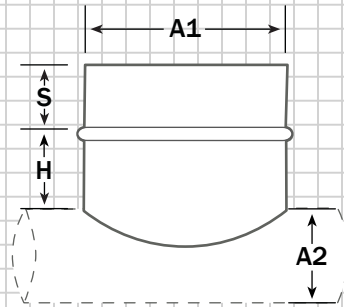
Sizes Available for A1, A2 & A3:
4" - 10" (all sizes), 12" - 60" (even sizes only)
A1 is greater than A3, A2 is less than A1
S = 2"
H = 5"
L = A3 + 4"
X = A1 - A2 (4" minimum)

90° Conical Reducing Tee (CRT)

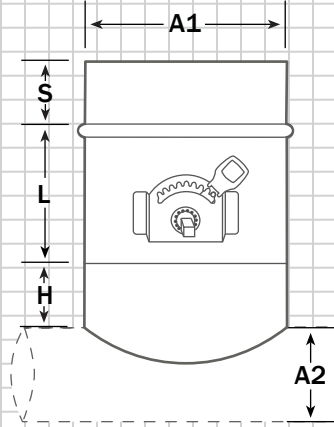


Stamped Fittings® – Product Specifications

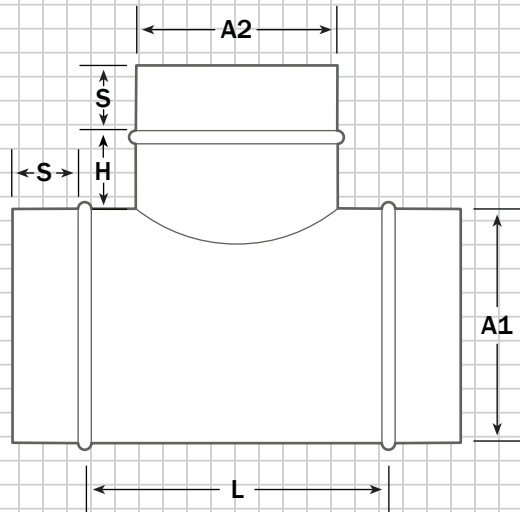
Straight Tap (ST)



90° Straight Tap with Damper (STD)



90° Tee (T)



Key (ST)

Sizes Available for A1:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A2 is greater than or equal to A1

S = 2"

H = 2"

Key (STD)

Sizes Available for A1:

4" - 10" (all sizes), 12" - 36" (even sizes only)

A2 is greater than A1

S = 2"

H = 2"

L = 4"

Low-Leakage Dampers:

- 2" Stand-off
- Nylon bushings
- Locking handle
- 3/8" Continuous square rod

Key (T)

Sizes Available for A1 & A2:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A1 is greater than or equal to A2

S = 2"

H = 2"

L = A2 + 4"

Key (SRT)

Sizes Available for A1, A2 & A3:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A1 is greater than A3, A2 is less than A1

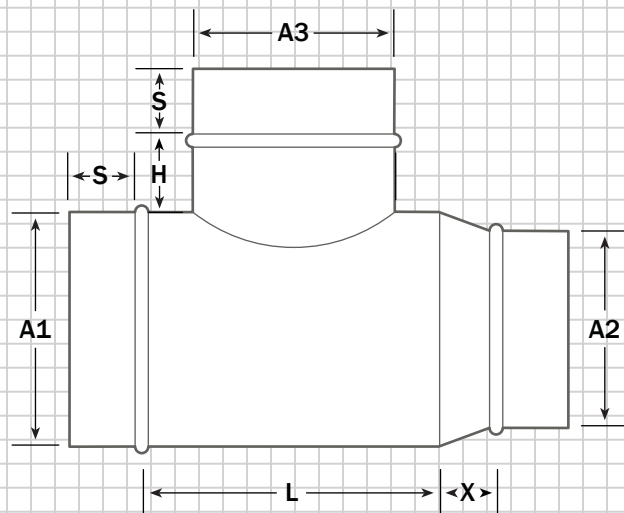
S = 2"

H = 2"

L = A3 + 4"

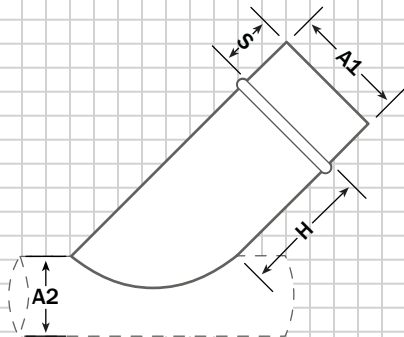
X = A1 - A2 (4" minimum)

90° Straight Reducing Tee (SRT)

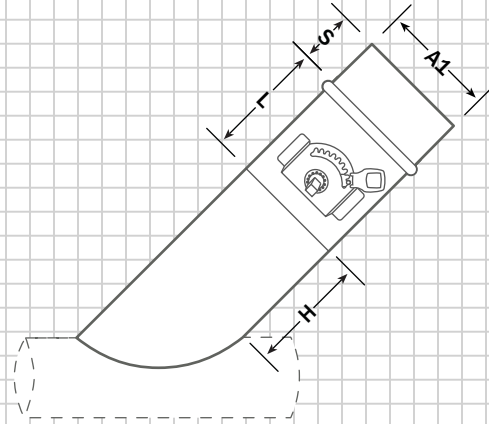


Stamped Fittings® – Product Specifications

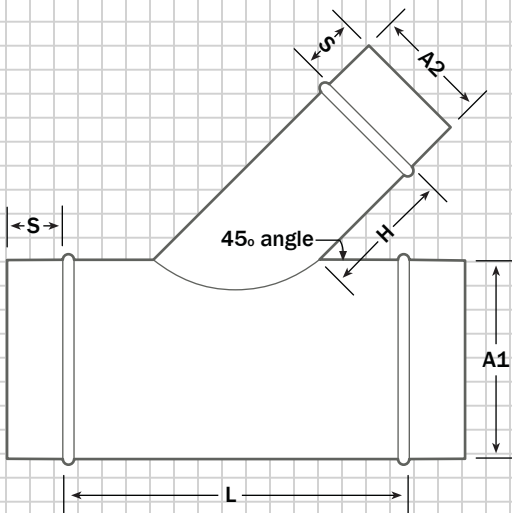
45° Lateral (L)



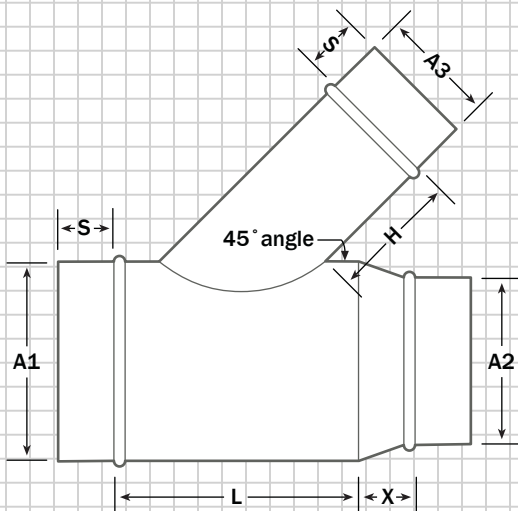
45° Lateral with Damper (LD)



45° Lateral Tee (LT)



45° Lateral Reducing Tee (LRT)



Key (L)

Sizes Available for A1:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A2 is greater than A1

S = 2"

H = 4"

Key (LD)

Sizes Available for A1:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A2 is greater than or equal to A1

S = 2"

H = 4"

L = 4"

Low-Leakage Dampers:

- 2" Stand-off
- Nylon bushings
- Locking handle
- 3/8" Continuous square rod

Key (LT)

Sizes Available for A1 & A2:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A1 is greater than or equal to A2

S = 2"

H = 4"

L = (A2 x 1.414) + 4"

Key (LRT)

Sizes Available for A1, A2 & A3:

4" - 10" (all sizes), 12" - 60" (even sizes only)

A1 is greater than or equal to A3

A2 is less than A1

S = 2"

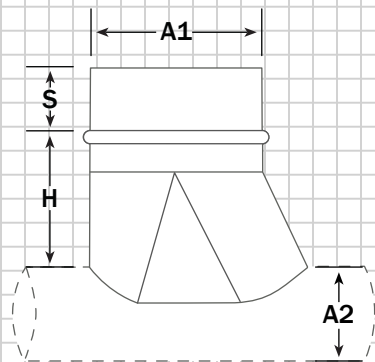
H = 4"

L = (A3 x 1.414) + 4"

X = A1 - A2 (4" minimum)

Stamped Fittings® – Product Specifications

90° Boot/Shoe Tap (BTP)



Key (BTP)

A1 = 4" - 10" (all sizes), 12" - 60" (even sizes only)

A2 is greater than or equal to A1

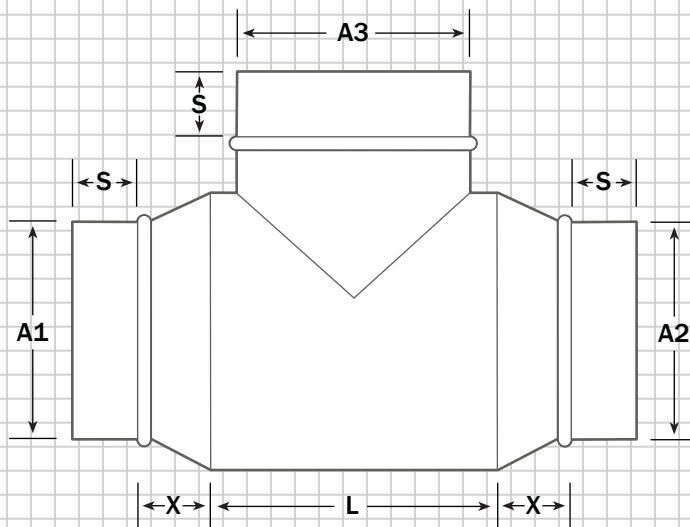
S = 2"

H = 5"

Options

Available with damper installed

Reducing Bull Head Tee (BRT)



Key (BRT)

S = 2"

L = A3 + 4"

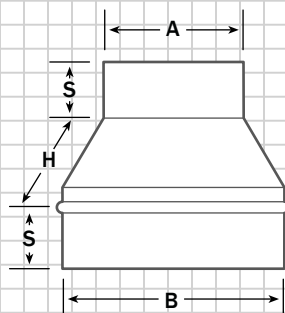
X = 4" minimum

A3 > A1 or A2

Order as: in, out, branch (A1, A2, A3)

Stamped Fittings® – Product Specifications

Stamped Reducer (SR)



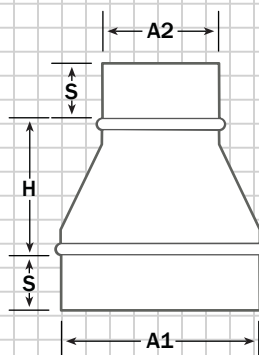
Key (SR)

- A = Small end diameter, S = 2"
 B = Large end diameter, S = 1.5"
- Galvanized 24 ga.
 - Bead on large end is standard

Dimensions (SR)

B	A	H
6"	4"	1.75"
8"	6"	1.75"
10"	6"	2.75"
10"	8"	1.75"
12"	8"	2.75"
12"	10"	1.75"
14"	12"	1.75"

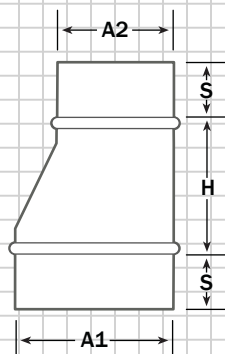
Concentric Reducer (CR)



Key (CR)

- Sizes Available for A1 & A2:
 4" - 10" (all sizes), 12" - 60" (even sizes only)
 S = 2"
 H = 4" if the change in diameter (A1 - A2) is less than 6"
 • If the change in diameter (A1 - A2) is greater than or equal to 6" then H = A1 - A2.
 • Please specify any other length, if not the standard.

Eccentric Reducer (ER)

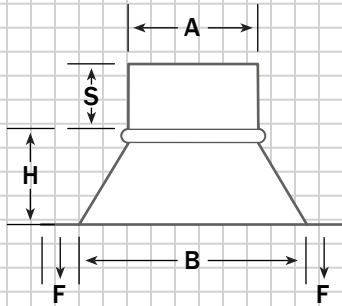


Key (ER)

- Sizes Available for A1 & A2:
 4" - 10" (all sizes), 12" - 60" (even sizes only)
 S = 2"
 H = (A1 - A2) x 2
 • H minimum = 7- 3/4"
 • Please specify any other length, if not the standard.

Stamped Fittings® – Product Specifications

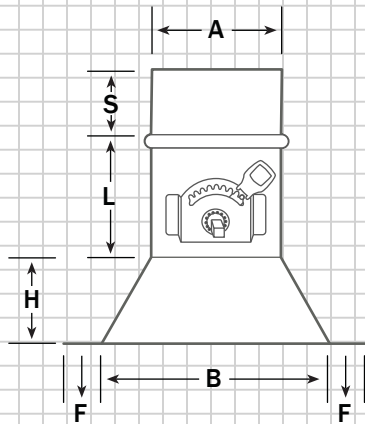
Conical Take-off (CTO)



Key (CTO)

A = 4" - 10" (all sizes), 12" - 60" (even sizes only)
B = A + 2"
S = 2"
H = 3 - 1/4"
F = 3/4" flange (.75")

Conical Take-off with Damper (CTOD)



Key (CTOD)

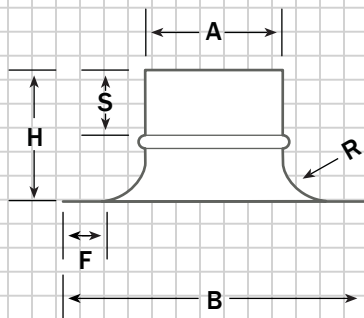
A = 4" - 10" (all sizes), 12" - 60" (even sizes only)
B = A + 2"
S = 2"
L = 4"
H = 3 - 1/4"
F = 3/4" flange (.75")

Low-Leakage Dampers

- 2" Stand-off
- Nylon bushings
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper

Stamped Fittings® – Product Specifications

Bellmouth Take-off with Bead (BTOB) No Bead (BTONB)



Key

A = Diameter
R = Radius
F = Flange length
B = Overall width
H = Overall height
S = Bead to end

Materials Available

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

Options Available

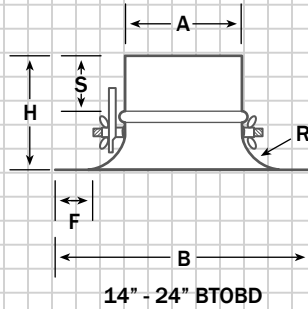
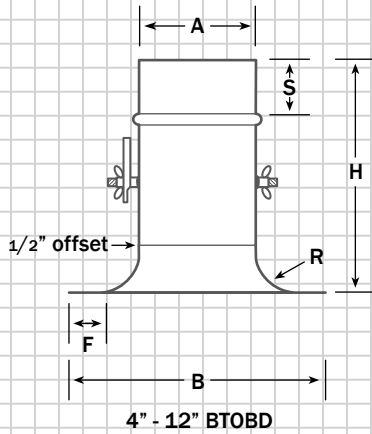
- Sizes 4" - 24"
- Peel & stick gasket is standard on BTOB (4" - 14")

Dimensions

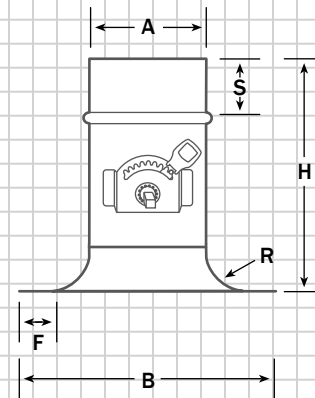
A	B	R	F	H	S
4"	7"	.394"	1"	2.5"	1.5"
5"	8"	.472"	1"	2.5"	1.5"
6"	9.25"	.787"	1"	2.875"	2"
7"	10.5"	1.0"	1"	3.5"	2"
8"	12"	1.0"	1"	3"	2"
9"	13"	1.0"	1"	3.5"	2"
10"	13.625"	1.0"	1"	3"	2"
12"	15.625"	1.0"	1"	3.25"	2"
14"	18"	2.0"	1"	6.5"	2"
16"	20"	2.0"	1.5"	8.5"	2"
18"	22"	2.0"	1.5"	8.5"	2"
20"	24"	2.0"	1.5"	8.5"	2"
22"	26"	2.0"	1.5"	8.5"	2"
24"	28"	2.0"	1.5"	8.5"	2"

Stamped Fittings® – Product Specifications

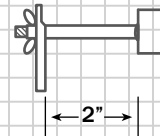
Bellmouth Take-off with Damper (BTOBD)



Bellmouth Take-off with Heavy Duty 2" Stand-off (BTOD)



OPTION: 2" Shaft Extension Handle (BTOD2S)



Key

A = Diameter
R = Radius
F = Flange length

B = Overall width
H = Overall height
S = Bead to end

Materials Available

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

Options Available

- Sizes 4" - 24"
- 2" Stand-off, BTOD2S (see shaft extension handle drawing above)

Low-Leakage Dampers

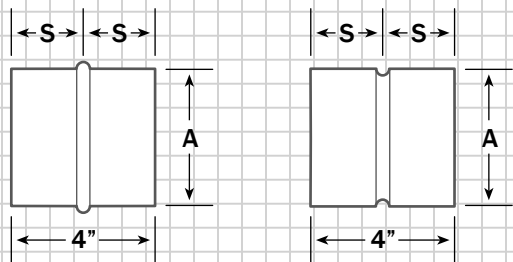
- 2" Stand-off (20 ga.)
- Nylon bushings
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper

Dimensions

A	B	R	F	S	H BTOBD	H BTOD
4"	7"	.394"	1"	1.5"	8"	8"
5"	8"	.472"	1"	1.5"	8"	8"
6"	9.25"	.787"	1"	2"	8.25"	8.25"
7"	10.5"	1.0"	1"	2"	9"	9"
8"	12"	1.0"	1"	2"	8.5"	8.5"
9"	13"	1.0"	1"	2"	9"	9"
10"	13.625"	1.0"	1"	2"	8.5"	8.5"
12"	15.625"	1.0"	1"	2"	8.75"	8.75"
14"	18"	2.0"	1"	2"	6.5"	12.5"
16"	20"	2.0"	1.5"	2"	8.5"	14.5"
18"	22"	2.0"	1.5"	2"	8.5"	14.5"
20"	24"	2.0"	1.5"	2"	8.5"	14.5"
22"	26"	2.0"	1.5"	2"	8.5"	14.5"
24"	28"	2.0"	1.5"	2"	8.5"	14.5"

Stamped Fittings® – Product Specifications

Coupling (CM/CF)



Male Coupling

Female Coupling

Key (CM/CF)

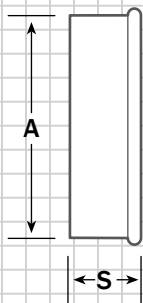
A = 3" - 60"
S = 2"

Stitch welded construction

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 is located at 2".

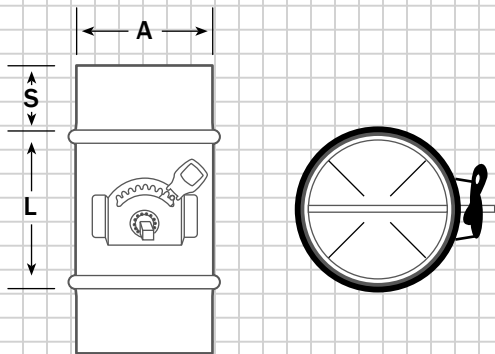
End Plug (EP)



Key (EP)

A = Small end to fit in spiral pipe
S = 2"

Damper Section (D)



Key (D)

A = 4" - 10" (all sizes), 12" - 36" (even sizes only)
S = 2"
L = 4.75"

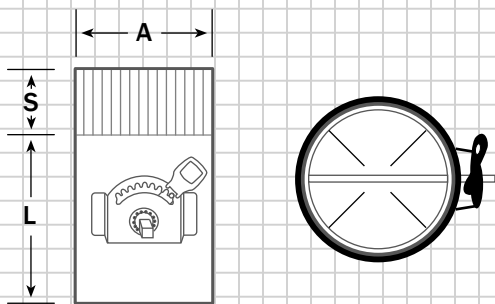
Key (D1)

A = 4" - 10" (all sizes), 12" - 36" (even sizes only)
S = 1.5"
L = 7.25"

Low-Leakage Dampers

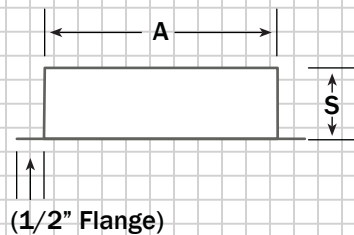
- 2" Stand-off
- Nylon bushings
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper

Damper Section- Large End/Small End (D1)



Stamped Fittings® – Product Specifications

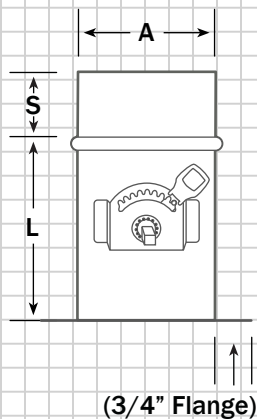
Straight Take-off (STO)



Key (STO)

A = 4" - 10" (all sizes), 12" - 60" (even sizes only)
S = 2"

Straight Take-off with Damper (STOD)



Key (STOD)

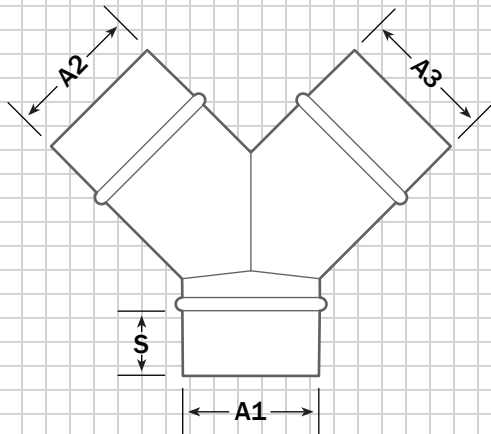
A = 4" - 10" (all sizes), 12" - 60" (even sizes only)
S = 2"
L = 6"

Low-Leakage Dampers

- 2" Stand-off
- Nylon bushings
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper

Stamped Fittings® – Product Specifications

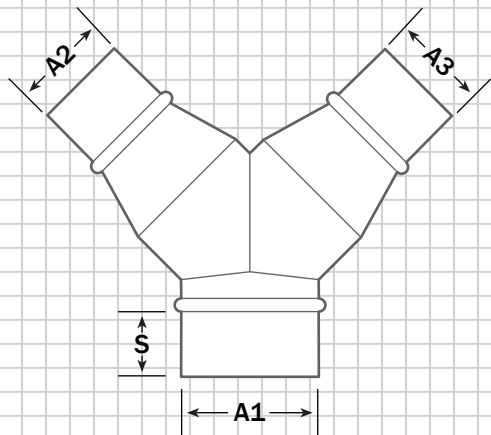
Y Branch (Y)



Key (Y)

Sizes Available for **A1, A2, & A3**:
4" - 10" (all sizes), 12" - 60" (even sizes only)
S = 2"

Reducing Y Branch (RY)

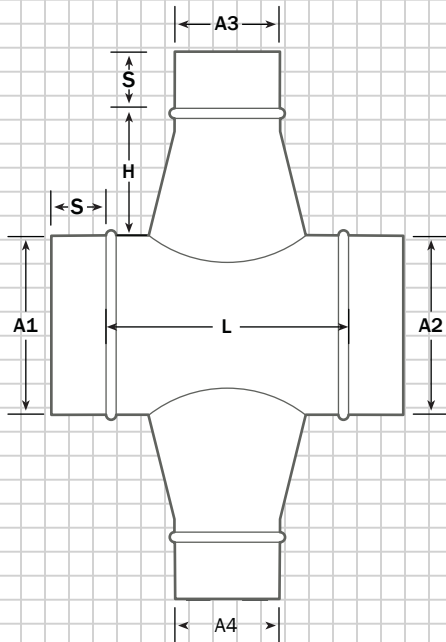


Key (RY)

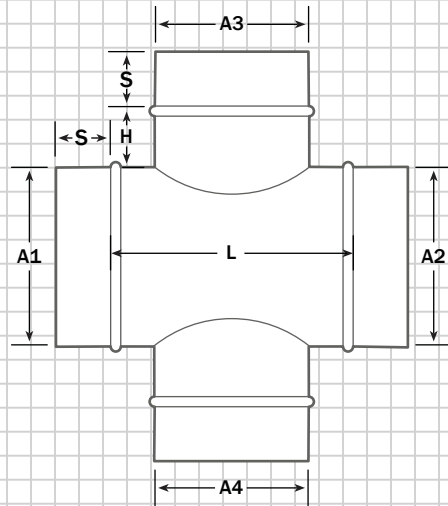
Sizes Available for **A1, A2, & A3**:
4" - 10" (all sizes), 12" - 60" (even sizes only)
A2 & A3 are less than A1
S = 2"

Stamped Fittings® – Product Specifications

Conical Cross (CROSC)



Straight Cross (CROSS)



Key (CROSC)

Sizes Available for A1, A2, A3 & A4:
 4" - 10" (all sizes), 12" - 60" (even sizes only)
A1 & A2 is greater than **A3 & A4** (= 2" min.)
A3 is greater than or equal to **A4**
S = 2"
H = 5"
L = $A3 + 4"$

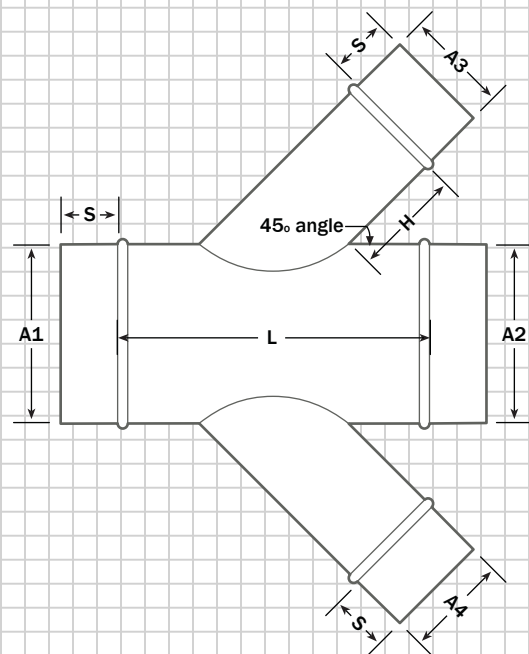
Key (CROSS)

Sizes Available for A1, A2, A3 & A4:
 4" - 10" (all sizes), 12" - 60" (even sizes only)
A1 & A2 is greater than or equal to **A3 & A4**
A3 is greater than or equal to **A4**
S = 2"
H = 2"
L = $A3 + 4"$

Key (CROSL)

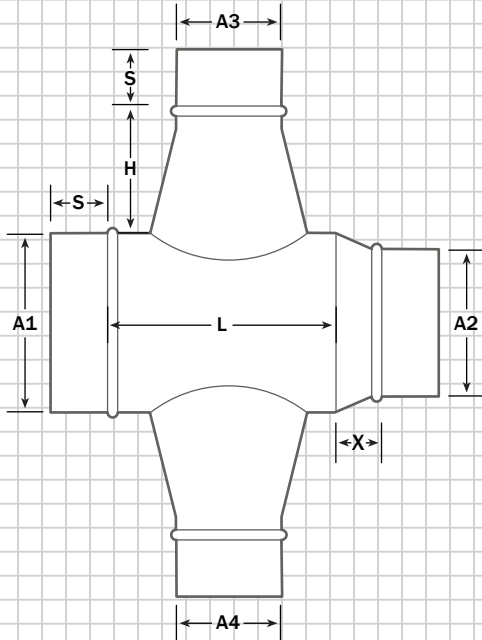
Sizes Available for A1, A2, A3 & A4:
 4" - 10" (all sizes), 12" - 60" (even sizes only)
A1 & A2 is greater than or equal to **A3 & A4**
A3 is greater than or equal to **A4**
S = 2"
H = 4"
L = $(A3 \times 1.414) + 4"$

45° Lateral Cross (CROSL)

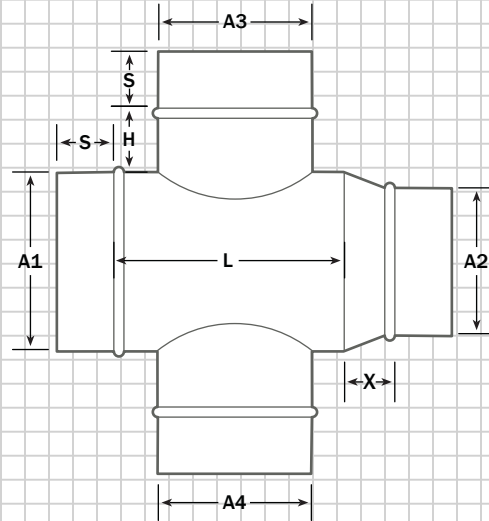


Stamped Fittings® – Product Specifications

Reducing Conical Cross (RCC)



Reducing Straight Cross (RCS)



Key (All)

Sizes available for A1, A2, A3 & A4:
 4"-10" (all sizes), 12"-60" (even sizes only)
 A1 is greater than A3 & A4 (= 2" min.)
 A2 is less than A1
 A3 is greater than or equal to A4
 S = 2"
 X = A1 - A2 (4" minimum)

Key (RCC)

$L = A3 + 4"$
 $H = 5"$

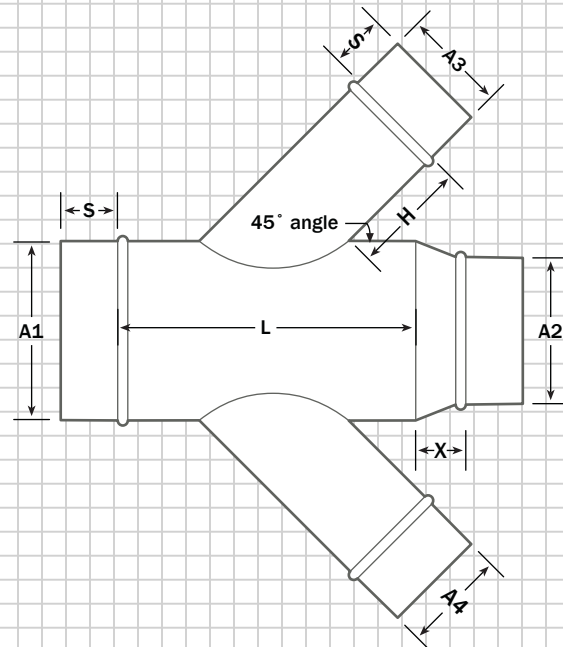
Key (RCS)

$L = A3 + 4"$
 $H = 2"$

Key (RCL)

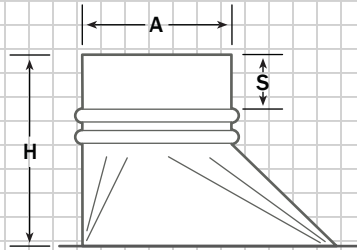
$L = (A3 \times 1.414) + 4"$
 $H = 4"$

Reducing 45° Lateral Cross (RCL)



Stamped Fittings® – Product Specifications

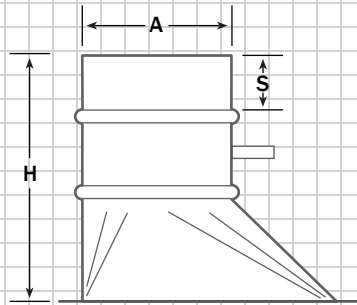
High Efficiency Take-off No Damper (HET)



Dimensions (HET)

A	S	Rectangle Opening	H
4"	2"	8" x 6"	9.5"
5"	2"	10" x 6"	8.25"
6"	2"	12" x 6"	8.25"
7"	2"	12" x 6"	9.25"
8"	2"	12" x 6"	8"
9"	2"	15" x 6"	10.25"
10"	2"	16" x 6.75"	9.75"
12"	2"	18" x 8.5"	10"
14"	2"	20" x 9.5"	10.5"
16"	2"	24" x 12"	11.5"

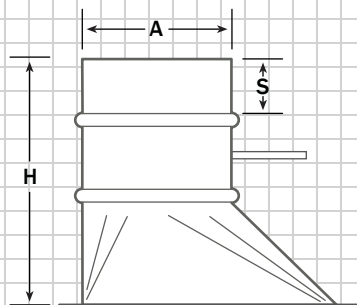
High Efficiency Take-off Standard Damper Hardware (HETD)



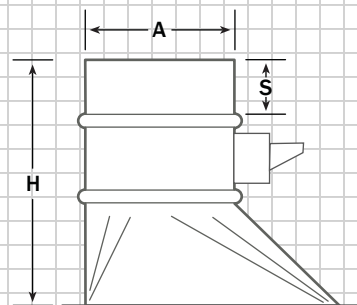
Dimensions (HETD/HETD2S/HETDHD)

A	S	Rectangle Opening	H
4"	2"	8" x 6"	12.5"
5"	2"	10" x 6"	11"
6"	2"	12" x 6"	11.5"
7"	2"	12" x 6"	12.5"
8"	2"	12" x 6"	11.25"
9"	2"	15" x 6"	13.25"
10"	2"	16" x 6.75"	13"
12"	2"	18" x 8.5"	13"
14"	2"	20" x 9.5"	14"
16"	2"	24" x 12"	15"

High Efficiency Take-off Standard Damper Hardware with 2" Extension (HETD2S)



High Efficiency Take-off Heavy Duty 2" Stand-off (HETDHD)



Materials

Galvanized 24 gauge

Features

- Continuous weld on longitudinal seam for zero air leakage at 2" WG static pressure
- 1" wide flange with peel and stick gasket and pre-drilled holes for ease of installation