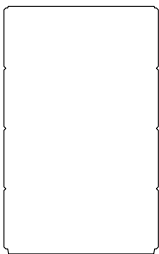
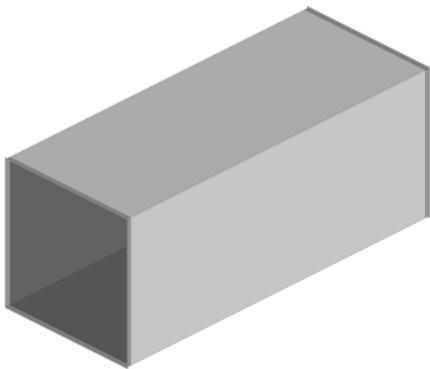


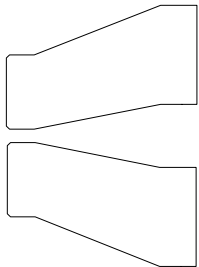
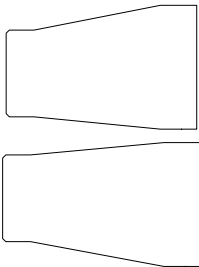
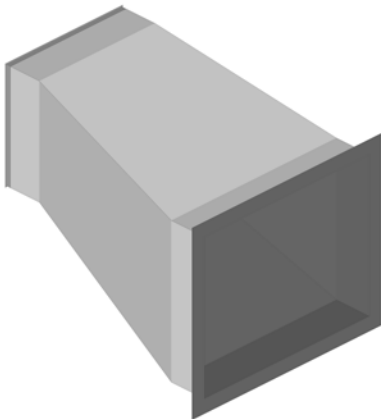
CID: 1

Rectangular



CID: 2

Rectangular/Fabrication



Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Female Allow	Shortest Side
C=Length	1xU,1xI	Shortest Side
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Maximum Sheet Size	None
	Maximum Fold Length	None
	Minimum Fold Length	None
	Oversize Check	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same
	Insulation UI	Shortest Side

Conn's

Seams

Damper:

Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used
	Offset-Width	Left In
	Offset-Depth	Bottom Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

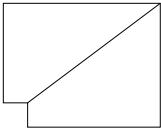
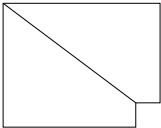
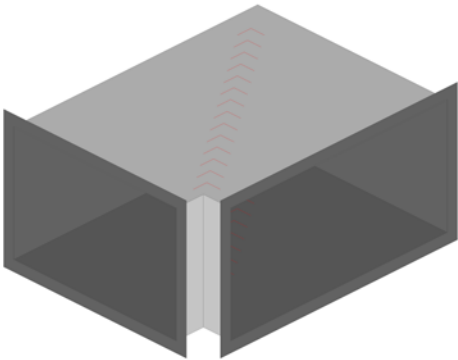
Conn's

Seams

Damper:

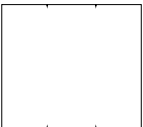
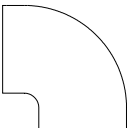
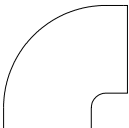
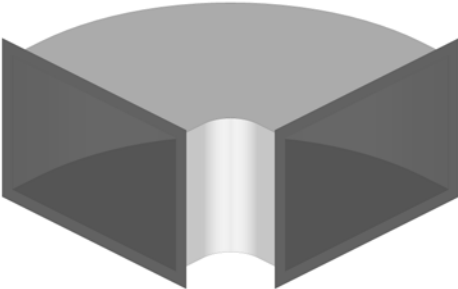
CID: 3

Rectangular



CID: 4

Rectangular

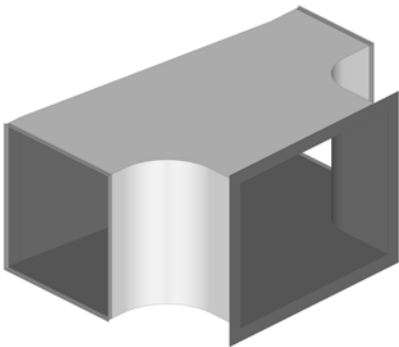


Dims	Options	
A=Top Width	Length Adjust For Part 4	0.000 Conn's
B=Depth	Length Adjust For Part 3	0.000 C1
C=Btm Width	Vee Depth Male	Auto C2
D=Top Extension	Vee Depth Female	Auto
E=Bottom Extension	Vee Angle Male	30
	Vee Angle Female	30
	3 Parts	No
	Seam Number For Throat	
	2 Part Wrapper	No
	Attenuator	No Seams
	Leg Lengths	No S1
	Allow Central Tie Rods	Yes S2
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same Damper:
	Draw Custom Insulation	No

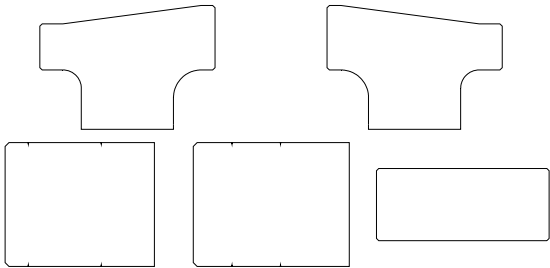
Dims	Options	
A=Width	Throat Type	Radius Conn's
B=Depth	Length Adjust For Part 4	0.000 C1
C=Angle	Length Adjust For Part 3	0.000 C2
D=Top Extension	Vee Depth Male	Auto
E=Bottom Extension	Vee Depth Female	Auto
F=Inner Radius	Vee Angle Male	30
	Vee Angle Female	30
	Auto Oversize	Normal
	Seam Number For Throat	
	Leg Lengths	No Seams
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same Damper:
	Draw Custom Insulation	No

CID: 5

Rectangular

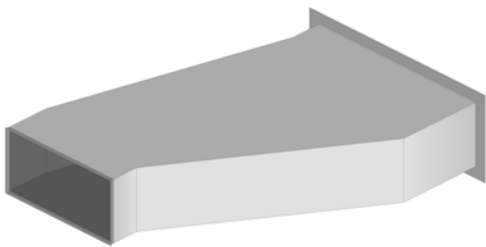


Dims		Options	
A=Btm Width	Throat Type	Radius	Conn's
B=Depth	3 Parts	No	C1
C=Left Width	Vee Depth Male	Auto	C2
D=Right Width	Vee Depth Female	Auto	C3
E=Right Radius	Vee Notch Angle	30.000	
F=Left Radius	Estimated Width Out %age	Not Used	
G=Btm Right Extension	Hole Diameter	0.500	
H=Btm Left Extension	Hole Spacing	2.000	
I=Right Bottom Extension	Splitters	No	
J=Left Bottom Extension	Inlet	1	Seams
K=Splitter Distance	Outlet	2	S1
L=Left Top Extension	Insulation Parts	Same	
M=Right Top Extension			
Damper:			

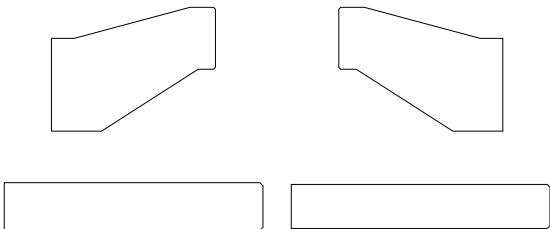


CID: 6

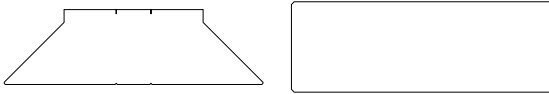
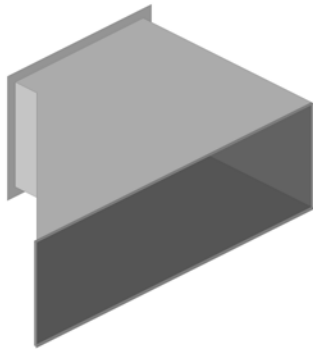
Rectangular



Dims		Options	
A=Left Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Right Width	Vee Notch Angle	30.000	C2
D=Length	Estimated Width Out %age	Not Used	
E=Left Extension	Seam Cut Back	0.000	
F=Right Extension	Allow Central Tie Rods	No	
G=Offset-Width	Insulation Parts	Same	
H=Angle	Split Mitre	No	
I=Left Extension			Seams
J=Right Extension			S1
Damper:			
None			
None			

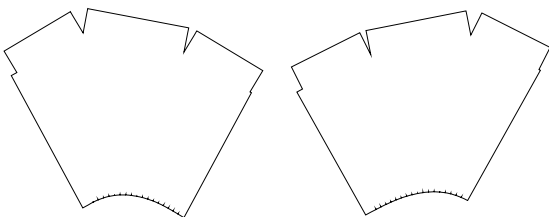
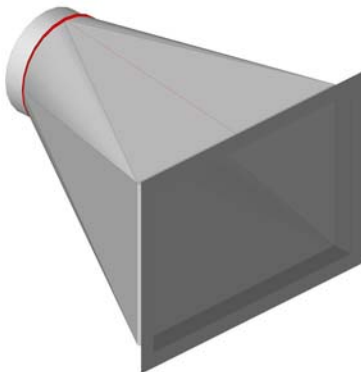


Rectangular



Damper:
None
None

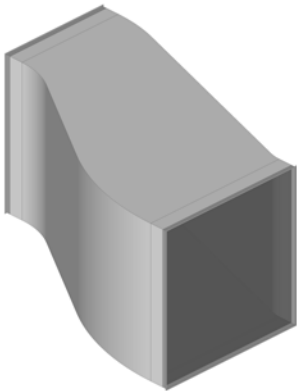
Rectangular/Round



Damper:
None

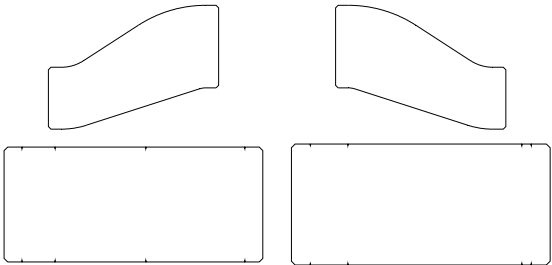
CID: 9

Rectangular



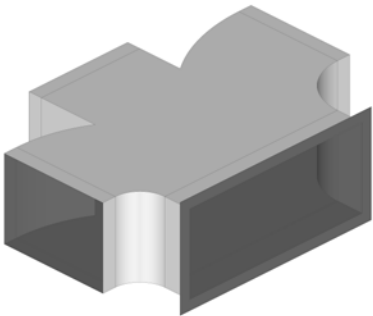
Dims	Options	
A=Width In	Vee Depth Male	Auto Conn's
B=Depth	Vee Depth Female	Auto C1
C=Width Out	Vee Angle Male	30 C2
D=Length	Vee Angle Female	30
E=Extension In	Offset-Width	Left In
F=Extension Out	Restricted Flow	Warning
G=Offset-Width	Seam Cut Back	0.000
H=Radius Out	Allow Central Tie Rods	No
I=Radius In	Wraps V Notch If Zero Radius	No
	New 3D And Develops	No Seams
	Separate Extension In	No S1

Damper:

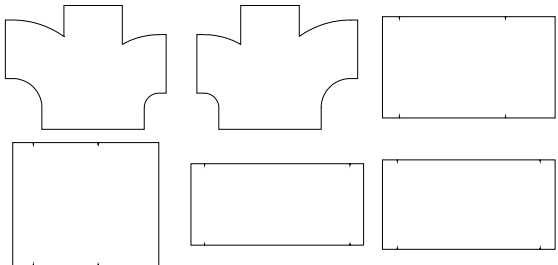


CID: 10

Rectangular

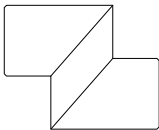
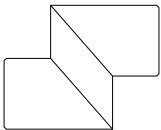
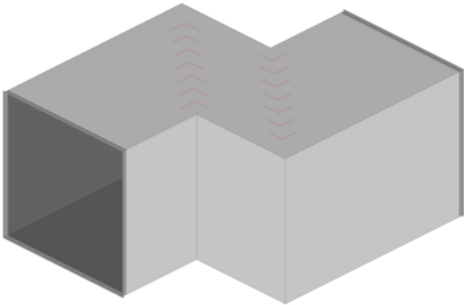


Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Depth	Left Throat Type	Radius C1
C=Top Width	Vee Depth Male	Auto C2
D=Right Width	Vee Depth Female	Auto C3
E=Left Width	Vee Angle Male	30 C4
F=Height	Vee Angle Female	30
G=Right Height	Right Heel Type	Radius
H=Left Height	Left Heel Type	Radius
I=Right Radius	Junction Notch	Use Default
J=Left Radius	Vee Notch Angle	20.000 Seams
K=Right Ang	2 Part Wrapper	No S1
L=Left Angle	Top Right	Straight S2
M=Btm Right Extension	Top Left	Straight
N=Btm Left Extension	Outlet	2 Damper:
O=Right Extension	Insulation Parts	Same
P=Left Extension		
Q=Top Extension		



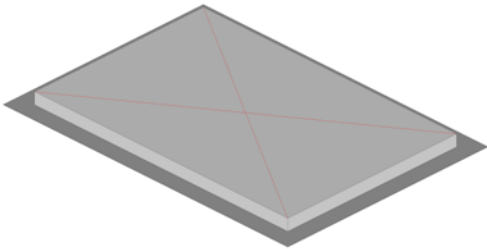
CID: 11

Rectangular



CID: 12

Rectangular



Dims	Options		
A=Left Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Right Width	Vee Notch Angle	20.000	C2
D=Length	Estimated Width Out %age	Not Used	
E=Left Extension	Insulation Parts	Same	
F=Right Extension			
G=Offset-Width			

Seams
S1

Damper:

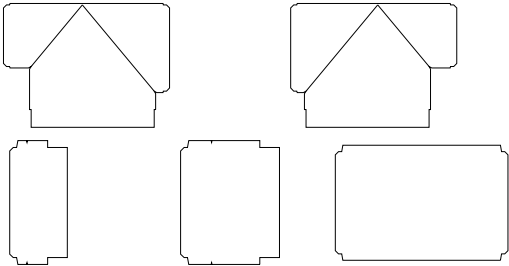
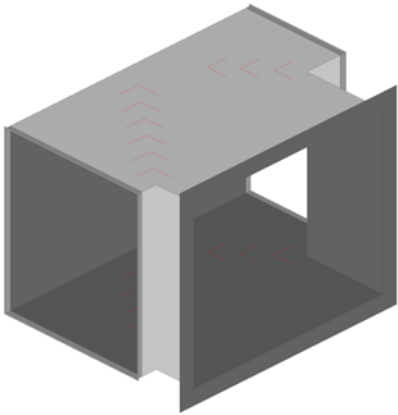
Dims	Options		
A=Width	Duct Adjust	0.000	Conn's
B=Depth	Add Allowance To Body	No	C1
C=Turnover	Mirror	No	C2
	Symbol	Yes	

Seams
S1

Damper:

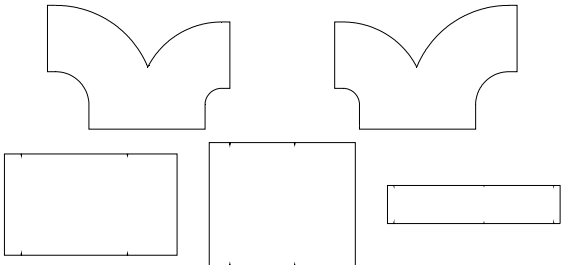
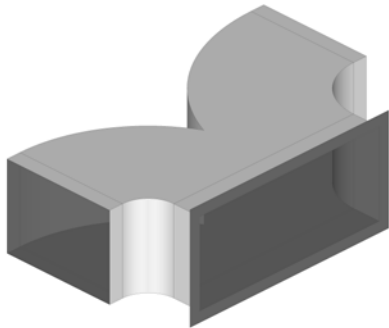
CID: 13

Rectangular



CID: 14

Rectangular



Dims	Options	
A=Btm Width	3 Parts	No Conn's
B=Depth	Vee Depth Male	Auto C1
C=Left Width	Vee Depth Female	Auto C2
D=Right Width	Vee Notch Angle	30.000 C3
E=Btm Left Extension	Estimated Width Out %age	Not Used
F=Right Extension	Hole Diameter	0.500
G=Left Extension	Hole Spacing	2.000
H=Splitter Distance	Splitters	No
	Inlet	1
	Outlet	2
	Insulation Parts	Same S1

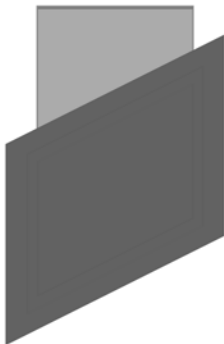
Damper:

Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Depth	Left Throat Type	Radius C1
C=Right Width	Vee Depth Male	Auto C2
D=Left Width	Vee Depth Female	Auto C3
E=Height	Vee Angle Male	30
F=Right Radius	Vee Angle Female	30
G=Left Radius	Right Heel Type	Radius
H=Right Ang	Left Heel Type	Radius
I=Left Angle	2 Part Wrapper	No
J=Btm Right Extension	Back Wrapper	Marker Notch
K=Btm Left Extension	Outlet	2 S1
L=Right Extension	Insulation Parts	Same S2
M=Left Extension		

Damper:

CID: 15

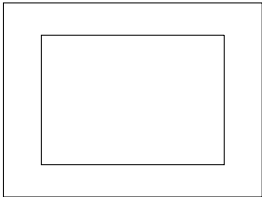
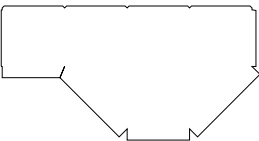
Rectangular/Fabrication



Dims	Options		
A=Width	Branch Parts	1	Conn's
B=Depth	Plate Parts	1	C1
C=Length	Seam Position	Corner	C2
D=Angle	Hole Adjust	0.000	
E=Plate Width			
F=Plate Depth			
G=Offset-Depth			
H=Offset-Width			
I=Plate Width Adjust			
J=Plate Depth Adjust			

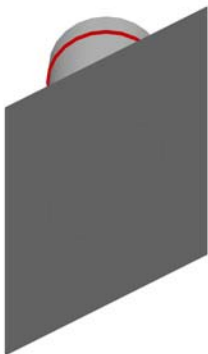
Seams
S1
S2

Damper:



CID: 16

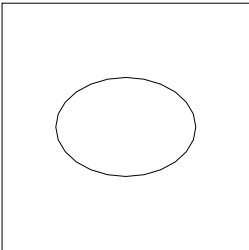
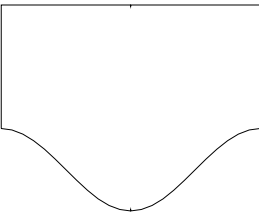
Round/Fabrication



Dims	Options		
A=Tap Diameter	Branch Parts	1	Conn's
B=Length	Plate Parts	1	C1
C=Angle	Seam Position	0.000	C2
D=Plate Width	Hole Adjust	0.000	
E=Plate Depth	Diameter Type	Nominal	
F=Offset-Width	Turnover	0.000	
G=Offset-Depth	Item Pattern Length/Angle	Length	
H=Extension	Use Marker Notch (OM End)	Yes	
I=Bottom Width	Notch Hole Ends	No	
	Dynamic Hole Adjust	Auto	Seams

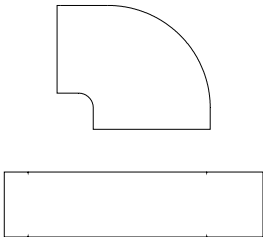
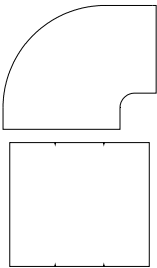
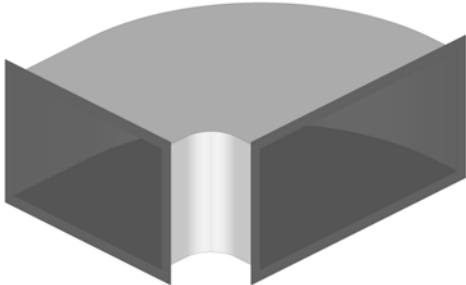
Seams
S1
S2

Damper:
None



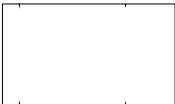
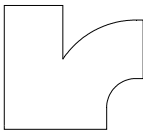
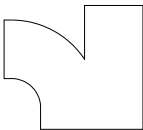
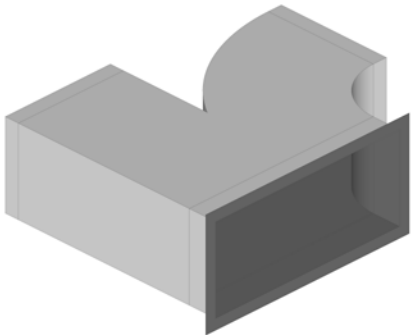
CID: 17

Rectangular/Fabrication



CID: 18

Rectangular

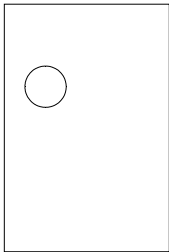
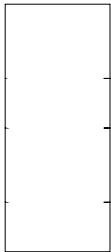
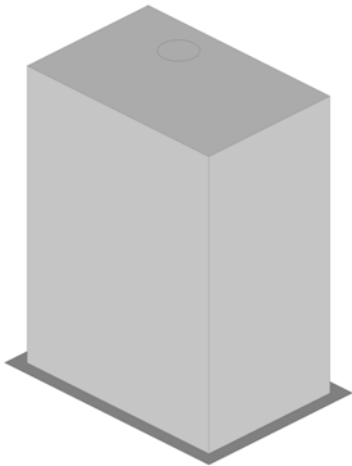


Dims	Options	
A=Top Width	Throat Type	Radius Conn's
B=Depth	Length Adjust For Part 4	0.000 C1
C=Btm Width	Length Adjust For Part 3	0.000 C2
D=Angle	Vee Depth Male	Auto
E=Top Extension	Vee Depth Female	Auto
F=Bottom Extension	Vee Angle Male	30
G=Inner Radius	Vee Angle Female	30
	Auto Oversize	Normal
	Seam Number For Throat	
	Leg Lengths	No Seams
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same Damper:
	Draw Custom Insulation	No

Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Depth	Vee Depth Male	Auto C1
C=Top Width	Vee Depth Female	Auto C2
D=Right Width	Vee Angle Male	30 C3
E=Height	Vee Angle Female	30
F=Right Height	Right Heel Type	Radius
G=Right Radius	Junction Notch	Use Default
H=Right Ang	2 Part Wrapper	No
I=Bottom Extension	Top Right	Straight
J=Right Extension	Outlet	2 Seams
K=Top Extension	Insulation Parts	Same S1 S2
		Damper:

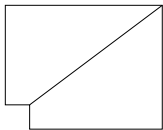
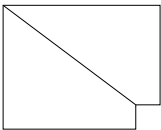
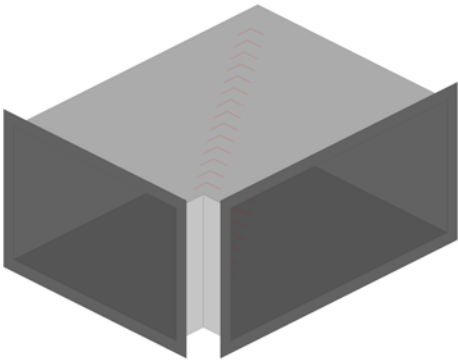
CID: 19

Rectangular



CID: 20

Rectangular

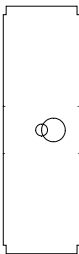
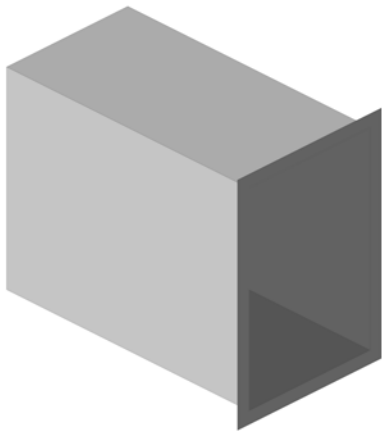


Dims	Options		
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Notch Angle For Lid	45.000	C1
C=Length	Collar Allowance	0.000	C2
D=Hole Width #1	Lid Adjust	0.000	
E=Hole Depth #1	Diameter Type	Nominal	
F=Hole Radius #1	Hole Adjust	0.000	
G=Hole Inset #1	Notch Angle For Seam	Default	
H=Hole Offset #1	Position From	Center	
I=Hole Collar #1	Collar Allowance	0.000	
J=Hole Axis Rotn #1	Collar Allowance	0.000	Seams
	Collar Allowance	0.000	S1
	Collar Allowance	0.000	S2
	Collar Allowance	0.000	S3
	Damper:	None	

Dims	Options		
A=Top Width	Length Adjust For Part 4	0.000	Conn's
B=Depth	Length Adjust For Part 3	0.000	C1
C=Btm Width	Vee Depth Male	Auto	C2
D=Angle	Vee Depth Female	Auto	
E=Top Extension	Vee Angle Male	30	
F=Bottom Extension	Vee Angle Female	30	
	3 Parts	No	
	Seam Number For Throat		
	Attenuator	No	
	Leg Lengths	No	Seams
	Allow Central Tie Rods	Yes	S1
	Riser Bend	No	
	Mark Splitter Sides	No	
	Insulation Parts	Same	Damper:
	Draw Custom Insulation	No	

CID: 21

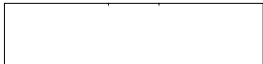
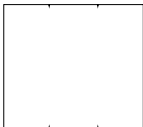
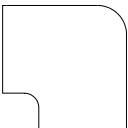
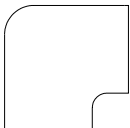
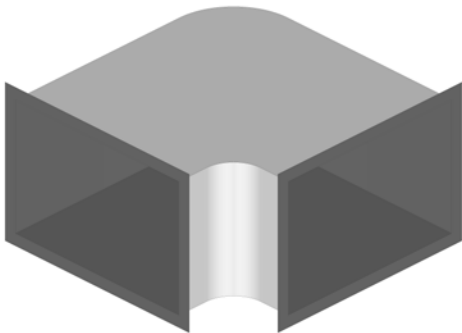
Rectangular



Dims		Options	
A=Width	Notch Angle For Lid	45.000	Conn's
B=Depth	Collar Allowance	0.000	C1
C=Length	Lid Adjust	0.000	C2
D=Hole Width #1	1 Part Straight	Yes	C3
E=Hole Depth #1	Diameter Type	Nominal	
F=Hole Radius #1	Hole Adjust	0.000	
G=Hole Inset #1	Vee Notch Angle	Default	
H=Hole Offset #1	Collar Allowance	0.000	
I=Hole Collar #1	Collar Allowance	0.000	
J=Hole Axis Rotn #1	Collar Allowance	0.000	Seams
K=Hole Width #2	Collar Allowance	0.000	S1
L=Hole Depth #2	Collar Allowance	0.000	S2
M=Hole Radius #2			S3
N=Hole Inset #2			Damper:
O=Hole Offset #2			None
P=Hole Collar #2			
Q=Hole Axis Rotn #2			

CID: 22

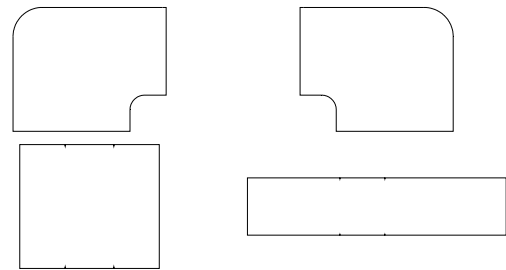
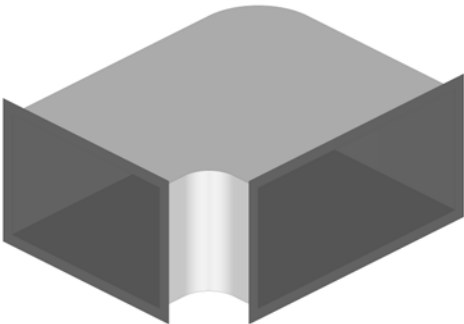
Rectangular



Dims		Options	
A=Width	Throat Type	Radius	Conn's
B=Depth	Length Adjust For Part 4	0.000	C1
C=Angle	Length Adjust For Part 3	0.000	C2
D=Top Extension	Vee Depth Male	Auto	
E=Bottom Extension	Vee Depth Female	Auto	
F=Inner Radius	Vee Angle Male	30	
G=Outer Radius	Vee Angle Female	30	
	3 Parts	No	
	Auto Oversize	Normal	
	Seam Number For Throat		Seams
	Leg Lengths	No	S1
	Allow Central Tie Rods	Yes	
	Riser Bend	No	
	Mark Splitter Sides	No	Damper:
	Insulation Parts	Same	
	Draw Custom Insulation	No	

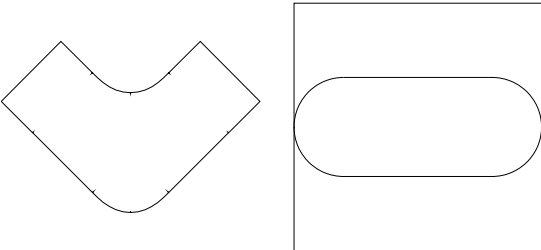
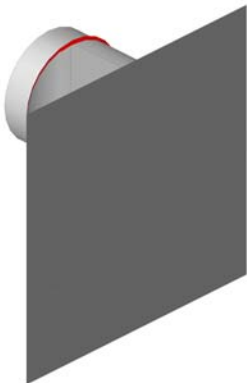
CID: 23

Rectangular



CID: 24

Round

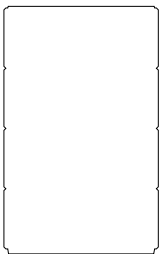
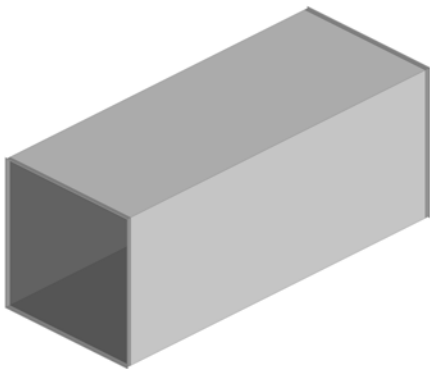


Dims	Options	
A=Top Width	Throat Type	Radius Conn's
B=Depth	Length Adjust For Part 4	0.000 C1
C=Btm Width	Length Adjust For Part 3	0.000 C2
D=Angle	Vee Depth Male	Auto
E=Top Extension	Vee Depth Female	Auto
F=Bottom Extension	Vee Angle Male	30
G=Inner Radius	Vee Angle Female	30
H=Outer Radius	3 Parts	No
	Auto Oversize	Normal
	Seam Number For Throat	Seams
	Leg Lengths	No S1
	Allow Central Tie Rods	Yes
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same Damper:
	Draw Custom Insulation	No

Dims	Options	
A=Tap Diameter	Branch Parts	1 Conn's
B=Length	Plate Parts	1 C1
C=Angle	Seam Position	0.000 C2
D=Plate Width	Hole Adjust	0.000
E=Plate Depth	Diameter Type	Nominal
F=Offset-Width	Turnover	0.000
G=Offset-Depth	Item Pattern Length/Angle	Length
H=Collar	Use Marker Notch (OM End)	Yes
I=Bottom Width	Hide Internal Lines	No
	Notch Hole Ends	No Seams
	Dynamic Hole Adjust	Auto S1
		S2
		Damper:
		None

CID: 25

Rectangular/Fabrication

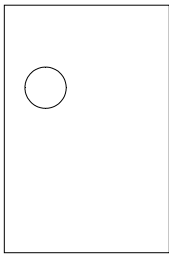
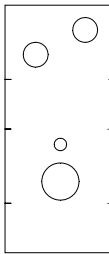
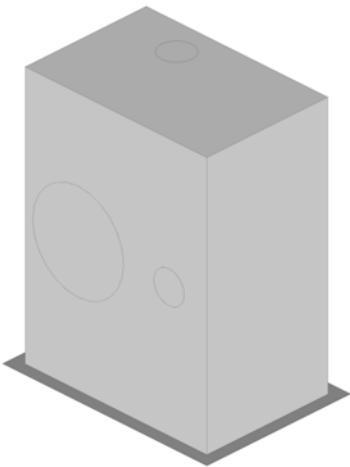


Dims		Options	
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Female Allow	Shortest Side	C1
C=Length	1xU,1xI	Shortest Side	C2
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Beading	No	Seams
	Insulation Parts	Same	S1
	Insulation UI	Shortest Side	

Damper:

CID: 26

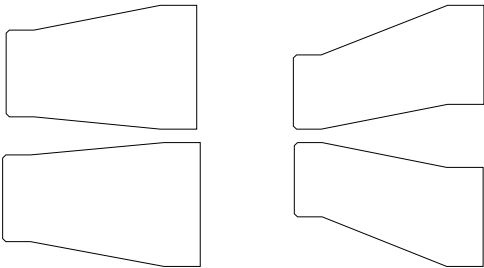
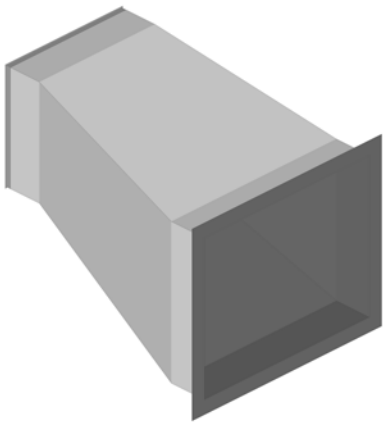
Rectangular



Dims		Options	
A=Width	I=Hole Axis R...	Straight Type	1 Part Straight
B=Depth		Notch Angle For Lid	45.000 C1
C=Length		Lid Adjust	0.000 C2
D=Hole Widt...		Diameter Type	Nominal C3
E=Hole Dept...		Hole Adjust	0.000 C4
F=Hole Radi...		Straight	Yes C5
G=Hole Inset...		Collar Allowance	0.000 C6
H=Hole Offs...		Collar Allowance	0.000
I=Hole Collar...		Collar Allowance	0.000
J=Hole Axis R...		Collar Allowance	0.000
K=Hole Widt...		Collar Allowance	0.000
L=Hole Dept...			
M=Hole Radi...			
N=Hole Inset...			
O=Hole Offs...			
P=Hole Colla...			
Q=Hole Axis ...			
R=Hole Widt...			
S=Hole Dept...			
T=Hole Radi...			
U=Hole Inset...			
V=Hole Offs...			
W=Hole Coll...			
X=Hole Axis ...			
Y=Hole Widt...			
Z=Hole Dept...			
a=Hole Radi...			
b=Hole Inset...			
c=Hole Offse...			
d=Hole Colla...			
e=Hole Axis ...			
f=Hole Widt...			
g=Hole Dept...			
h=Hole Radi...			
i=Hole Inset #5			
j=Hole Offse...			
k=Hole Colla...			

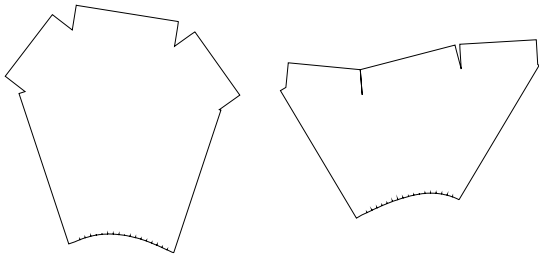
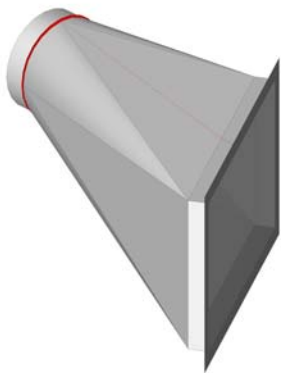
CID: 27

Rectangular



CID: 28

Rectangular/Round



Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Female Allow	Shortest Slope
G=Extension Out	2-Sided Part Allowance	Auto
H=Offset-Width	Estimated Width Out %age	Not Used
I=Offset-Depth	Estimated Depth Out %age	Not Used
J=Angle	Offset-Width	Left In
	Offset-Depth	Bottom Up
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

Conn's

Damper:

Seams

Dims	Options	
A=Width	Girth Split	2
B=Depth	Length Break	1
C=Diameter	Diameter Type	Nominal
D=Length	Seam Position	Width
E=Rectangular Angle	Marker Type	Notch
F=Offset-Width	Estimated Diameter %age	Not Used
G=Offset-Depth	Offset-Width	Left In
H=Extension	Offset-Depth	Bottom Up
I=Collar	Inlet	1
J=Round Angle	Outlet	2
K=Corner Radius	Fold Notch Depth	Full Allowance
	V Notch Rectangular Extension	No
	Seam Cut Back	None
	Cut Back Allowance (%)	50.000
	2 Parts 90 Degrees Seam	No

Conn's

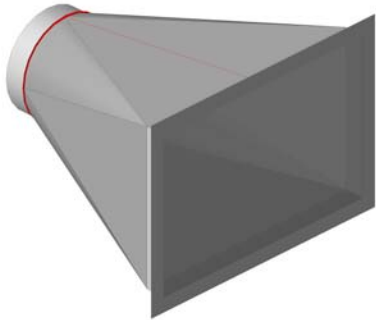
Seams

Damper:

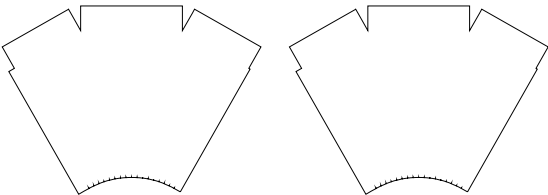
None

CID: 29

Rectangular/Round

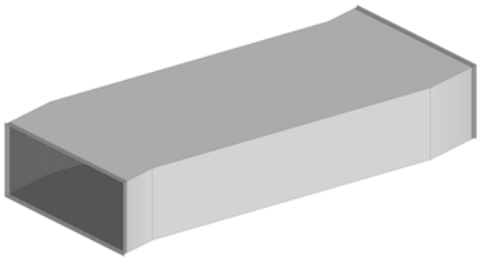


Dims	Options	
A=Width	Girth Split	2 Conn's
B=Depth	Length Break	1 C1
C=Diameter	Diameter Type	Nominal C2
D=Length	Seam Position	Width
E=Extension	Marker Type	Notch
F=Collar	Estimated Diameter %age	Not Used
G=Corner Radius	Input	Length
H=Slope Angle	Offset-Width	Left In
	Offset-Depth	Bottom Up
	Inlet	1 Seams
	Outlet	2 S1
	Maximum Angle	180.000
	Fold Notch Depth	Full Allowance
	V Notch Rectangular Extension	No
	Seam Cut Back	None Damper:
	Cut Back Allowance (%)	50.000 None
	2 Parts 90 Degrees Seam	No

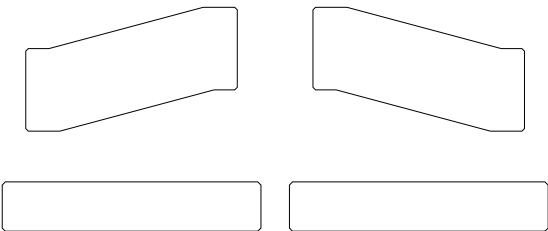


CID: 30

Rectangular

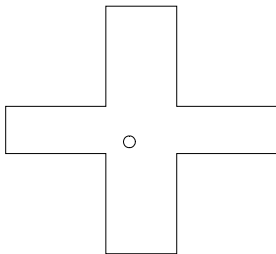
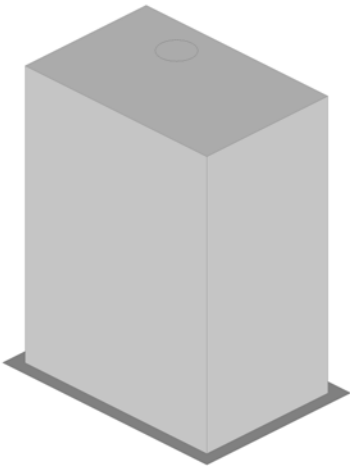


Dims	Options	
A=Width	Vee Depth Male	Auto Conn's
B=Depth	Vee Depth Female	Auto C1
C=Length	Vee Notch Angle	30.000 C2
D=Left Extension	Input	Length
E=Right Extension	Maximum Angle	180.000
F=Offset-Width	Seam Cut Back	0.000
G=Angle	Allow Central Tie Rods	No
H=Left Extension	Insulation Parts	Same
I=Right Extension	Split Mitre	No
	Inlet	1 Seams
	Outlet	2 S1
		Damper:
		None
		None



CID: 31

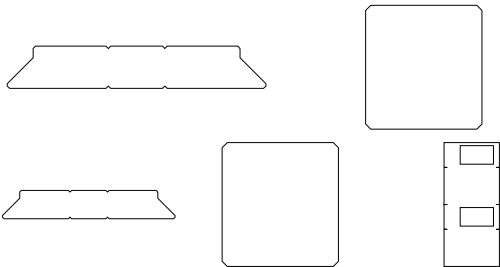
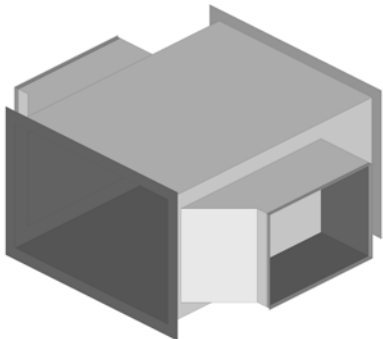
Rectangular



Dims		Options	
A=Width	Collar Allowance	0.000	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Length	Hole Adjust	0.000	C2
D=Hole Width #1	Position From	Center	
E=Hole Depth #1	Use Vee Notch	No	
F=Hole Radius #1	Vee Notch Angle	0.000	
G=Hole Inset #1	Cost Supports	No	
H=Hole Offset #1	Collar Allowance	0.000	
I=Hole Collar #1	Collar Allowance	0.000	
J=Hole Axis Rotn #1	Collar Allowance	0.000	Seams
	Collar Allowance	0.000	S1
	Collar Allowance	0.000	S2
Damper: None			

CID: 32

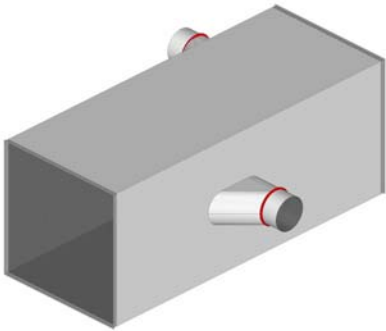
Rectangular



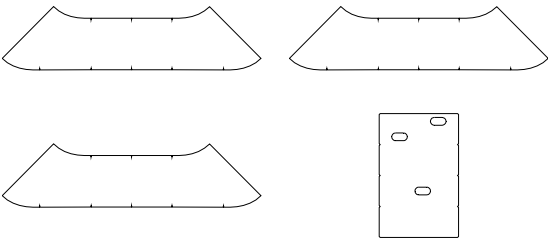
Dims		Options	
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Throat Type	Mitred	C1
C=Length	2 Part Branch	Yes	C2
D=Branch Width #1	Vee Depth Male	Auto	C3
E=Branch Depth #1	Vee Depth Female	Auto	C4
F=Height #1	Vee Notch Angle	30.000	C5
G=Extension #1	Female Allow	Shortest Side	C6
H=Inset #1	1xU,1xI	Shortest Side	C7
I=Offset #1	Connector Fold Notch	Use Default	C8
J=Branch Width #2	Vee Notch Depth	Auto	Seams
K=Branch Depth #2	Vee Notch Angle	30.000	S1
L=Height #2	Branch Connector Fold Notch	Use Default	S2
M=Extension #2	Vee Notch Depth	Auto	S3
N=Inset #2	Vee Notch Angle	30.000	Damper:
O=Offset #2	Hole Adjust	0.000	
P=Branch Width #3	Connector Fold Notch	Use Default	
Q=Branch Depth #3	Vee Notch Depth	Auto	
R=Height #3	Vee Notch Angle	30.000	
S=Extension #3			
T=Inset #3			
U=Offset #3			

CID: 33

Rectangular

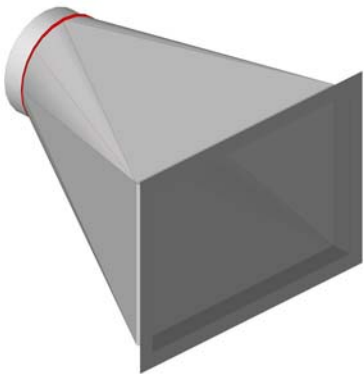


Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Branch Diameter Type	Nominal C1
C=Length	Branch Diameter Type	Nominal C2
D=Tap Diameter #1	Branch Diameter Type	Nominal C3
E=Height #1	Hole Adjust	0.000 C4
F=Extension #1	Branch Allowance To Pipe	0.000 C5
G=Inset #1	Female Allow	Shortest Side
H=Offset #1	1xU,1xI	Shortest Side
I=Tap Diameter #2	Branch Parts	1
J=Height #2	Branch Seam Position	Default
K=Extension #2	Branch Insets	From C1 To Branch Center
L=Inset #2		S1
M=Offset #2		S2
N=Tap Diameter #3		S3
O=Height #3		Damper:
P=Extension #3		
Q=Inset #3		
R=Offset #3		

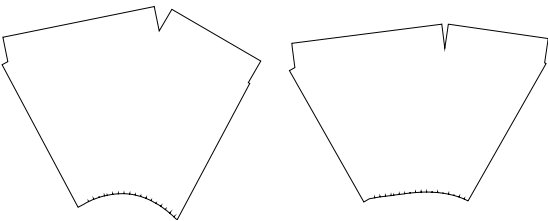


CID: 34

Rectangular/Round/Fabrication

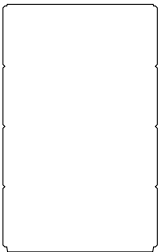
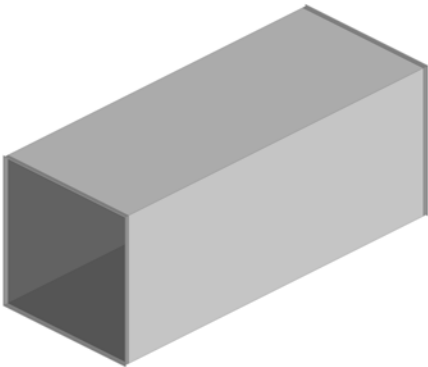


Dims	Options	
A=Width	Girth Split	2
B=Depth	Length Break	1 C1
C=Diameter	Diameter Type	Nominal C2
D=Length	Seam Position	Corner
E=Offset-Width	Marker Type	Notch
F=Offset-Depth	Estimated Diameter %age	Not Used
G=Extension	Input	Length
H=Collar	Offset-Width	Left In
I=Corner Radius	Offset-Depth	Bottom Up
J=Slope Angle	Inlet	1
	Outlet	2 S1
	Maximum Angle	180.000
	Fold Notch Depth	Full Allowance
	V Notch Rectangular Extension	No
	Shift Round 45 Degrees	No
	Seam Cut Back	None
	Cut Back Allowance (%)	50.000
	2 Parts 90 Degrees Seam	No



CID: 35

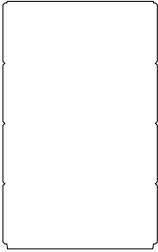
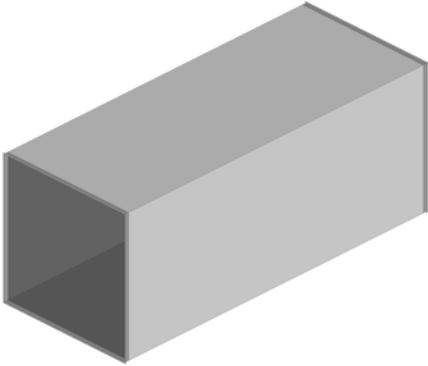
Rectangular



Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Duct Length	(inch) C1
C=Length	Allow Multiple Straights	Yes C2
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Maximum Sheet Size	None
	Allow Split Sides	No
	Maximum Fold Length	None
	Minimum Fold Length	None
	STD Straight	No S1
	Connector Fold Notch	Use Default S2
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same
	Insulation UI	Shortest Side

CID: 36

Rectangular



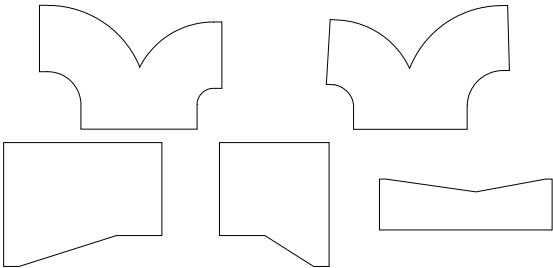
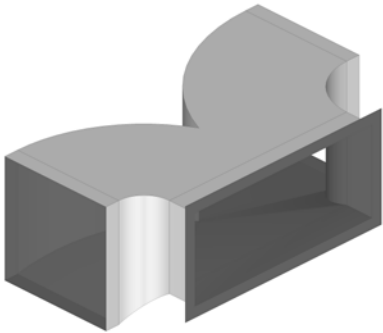
Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Female Allow	Shortest Side C1
C=Length	1xU,1xI	Shortest Side C2
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same S1
	Insulation UI	Shortest Side

Damper:

CID: 37

Rectangular

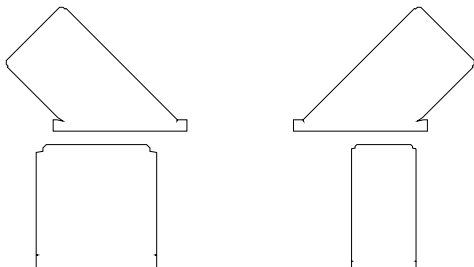
Dims	Options	
A=Btm Width	Right Throat Type	Radius <div>Conn's</div>
B=Btm Depth	Left Throat Type	Radius C1
C=Right Width	Vee Depth Male	Auto C2
D=Right Depth	Vee Depth Female	Auto C3
E=Left Width	Vee Angle Male	30
F=Left Depth	Vee Angle Female	30
G=Right Offset	Junction Notch	Use Default
H=Left Offset	Vee Notch Angle	20.000
I=Height	2 Part Wrapper	No
J=Right Radius	Right Folds	End Point <div>Seams</div>
K=Left Radius	Left Folds	End Point S1
L=Right Ang	Inlet	1 S2
M=Left Angle	Outlet	2
N=Btm Right Extension	Separate Mid Cheeks	No Damper:
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		



CID: 38

Rectangular

Dims	Options	
A=Width		<div>Conn's</div>
B=Depth		C1
C=Length		C2
D=Angle		
E=Flange		



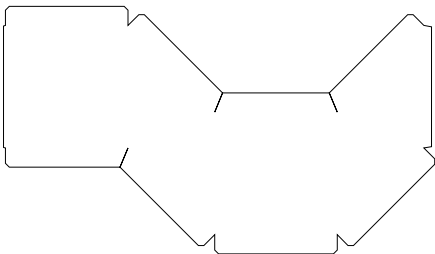
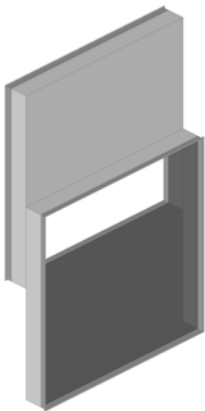
Seams

S1

Damper:

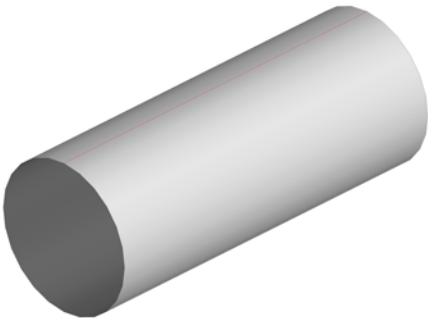
CID: 39

Rectangular



CID: 40

Round



Dims	Options	
A=Width	Branch Parts	1
B=Depth	Seam Position	Corner C1
C=Length	Hole Adjust	0.000 C2
D=Angle		
E=Top Extension		
F=Bottom Extension		

Seams
S1

Damper:

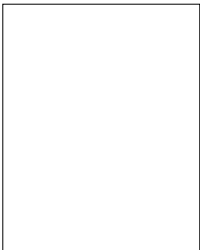
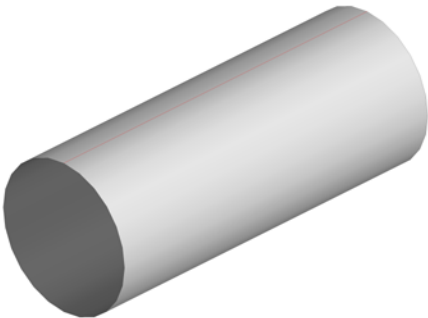
Dims	Options	
A=Diameter	Seam Position	0.000
B=Length	Diameter Type	Nominal C1
C=Left Extension	Duct Length	(inch) C2
D=Right Extension	Area Adjust (%)	0.000
	Allow Multiple Straights	Yes
	STD Straight	No
	Pipe Parts	1
	First Break	0.000
	Second Break	0.000
	Third Break	0.000

Seams
S1

Damper:
None
None

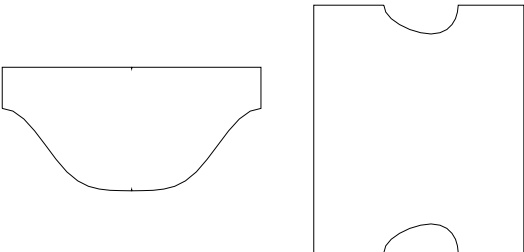
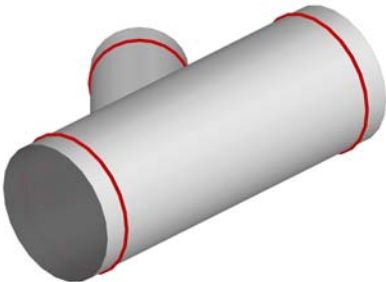
CID: 41

Round/Fabrication



CID: 42

Round



Dims		Options	
A=Diameter		Seam Position	0.000
B=Length		Diameter Type	Nominal
C=Left Extension		Pipe Parts	1
D=Right Extension		First Break	0.000
		Second Break	0.000
		Third Break	0.000

Seams
S1

Damper:
None
None

Dims		Options	
A=Pipe Diameter		Pipe Parts	1
B=Pipe Length		Branch Parts	1
C=Left Extension		First Break	0.000
D=Right Extension		Second Break	0.000
E=Tap Diameter #1		Third Break	0.000
F=Tap Length #1		Pipe Diameter Type	Nominal
G=Angle #1		Branch Diameter Type	Nominal
H=Inset #1		Hole Adjust	0.000
I=Extension #1		Branch Allowance To Pipe	0.000
		Branch Seam Position	0.000
		Throat Cut Back (Degrees)	0.000
		Plate Border (Circumference)	0.000
		Plate Type	Rectangular
		Estimated Diameter %age	Not Used
		Cut Back Allowance (%)	0.000
		Use Pipe Seam For Branches	No
		Plate Border (Length)	Auto
		Inlet	1
		Outlet	2
		End Castle Width	0.000
		End Castle Angle	30.000
		Branches	Fabricated

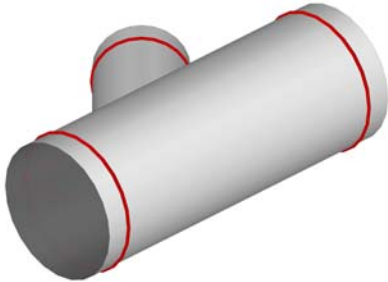
Conn's
C1
C2
C3

Seams
S1
S2

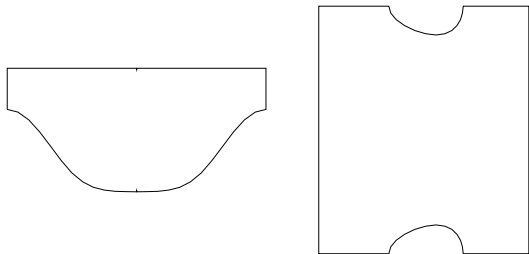
Damper:
None
None
None

CID: 43

Round

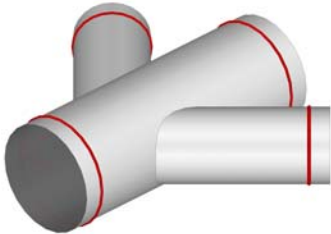


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	First Break	0.000
D=Right Extension	Second Break	0.000
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Hole Adjust	0.000
I=Offset #1	Branch Allowance To Pipe	0.000
J=Extension #1	Branch Seam Position	0.000
	Throat Cut Back (Degrees)	0.000
	Plate Border (Circumference)	0.000
	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000
	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	End Castle Width	0.000
	End Castle Angle	30.000

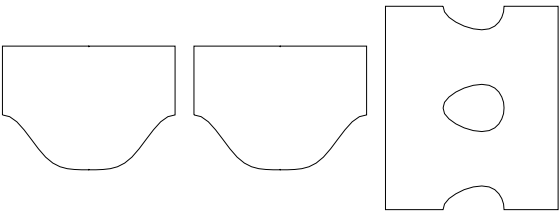


CID: 44

Round

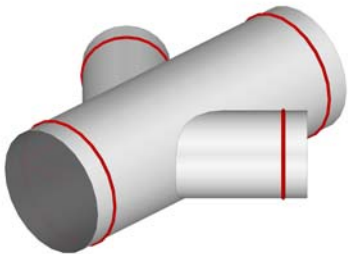


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	First Break	0.000
D=Right Extension	Second Break	0.000
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Branch Diameter Type	Nominal
I=Extension #1	Hole Adjust	0.000
J=Tap Diameter #2	Branch Allowance To Pipe	0.000
K=Tap Length #2	Branch Seam Position	0.000
L=Angle #2	Throat Cut Back (Degrees)	0.000
M=Inset #2	Plate Border (Circumference)	0.000
N=Extension #2	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000
	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	End Castle Width	0.000
	End Castle Angle	30.000
	Branches	Fabricated

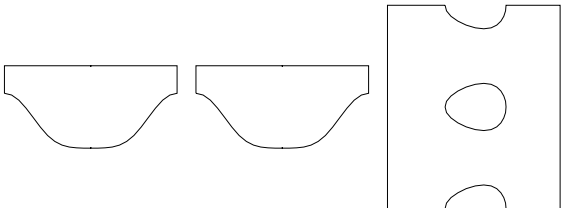


CID: 45

Round

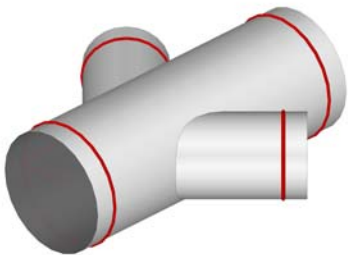


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter #1	Third Break	0.000	C4
F=Tap Length #1	Pipe Diameter Type	Nominal	
G=Angle #1	Branch Diameter Type	Nominal	
H=Inset #1	Branch Diameter Type	Nominal	
I=Offset #1	Hole Adjust	0.000	
J=Extension #1	Branch Allowance To Pipe	0.000	Seams
K=Tap Diameter #2	Branch Seam Position	0.000	S1
L=Tap Length #2	Throat Cut Back (Degrees)	0.000	S2
M=Angle #2	Plate Border (Circumference)	0.000	S3
N=Inset #2	Plate Type	Rectangular	Damper:
O=Offset #2	Estimated Diameter %age	Not Used	None
P=Extension #2	Cut Back Allowance (%)	0.000	None
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	None
	End Castle Width	0.000	
	End Castle Angle	30.000	

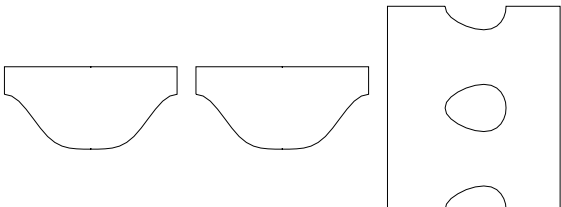


CID: 46

Round

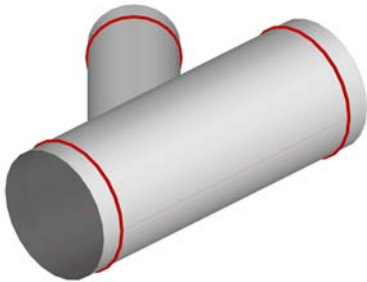


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter #1	Third Break	0.000	C4
F=Tap Length #1	Pipe Diameter Type	Nominal	
G=Angle #1	Branch Diameter Type	Nominal	
H=Inset #1	Branch Diameter Type	Nominal	
I=Offset #1	Hole Adjust	0.000	
J=Extension #1	Branch Allowance To Pipe	0.000	Seams
K=Tap Diameter #2	Branch Seam Position	0.000	S1
L=Tap Length #2	Throat Cut Back (Degrees)	0.000	S2
M=Angle #2	Plate Border (Circumference)	0.000	S3
N=Inset #2	Plate Type	Rectangular	Damper:
O=Offset #2	Estimated Diameter %age	Not Used	None
P=Rotation #2	Cut Back Allowance (%)	0.000	None
Q=Extension #2	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	None
	End Castle Width	0.000	
	End Castle Angle	30.000	

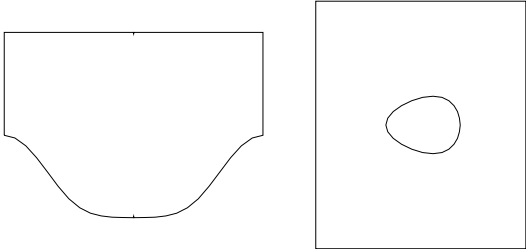


CID: 47

Round

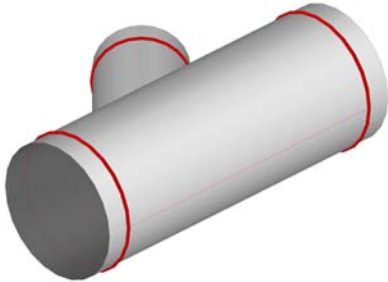


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Hole Adjust	0.000
I=Extension #1	Branch Allowance To Pipe	0.000
	Branch Seam Position	0.000 Seams
	Throat Cut Back (Degrees)	0.000 S1
	Plate Border (Circumference)	0.000 S2
	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000 Damper: None
	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto None
	Inlet	1
	Outlet	2
	End Castle Width	0.000
	End Castle Angle	30.000
	Branches	Fabricated

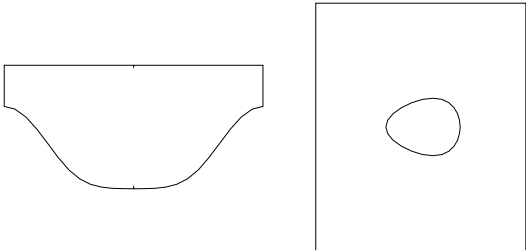


CID: 48

Round

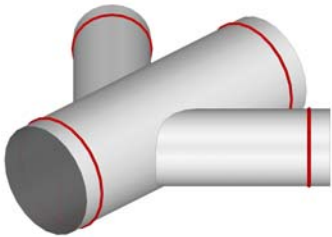


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Hole Adjust	0.000
I=Offset #1	Branch Allowance To Pipe	0.000
J=Extension #1	Branch Seam Position	0.000 Seams
	Throat Cut Back (Degrees)	0.000 S1
	Plate Border (Circumference)	0.000 S2
	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000 Damper: None
	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto None
	End Castle Width	0.000
	End Castle Angle	30.000

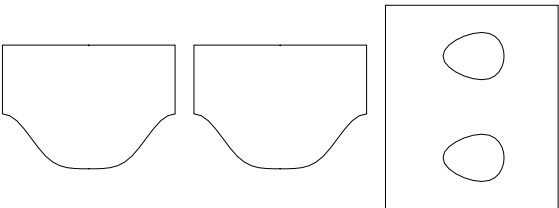


CID: 49

Round

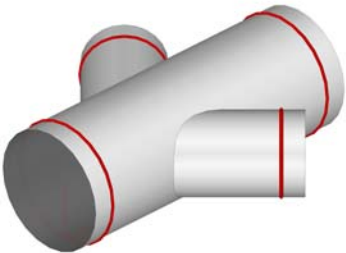


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000 C4
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Branch Diameter Type	Nominal
I=Extension #1	Hole Adjust	0.000
J=Tap Diameter #2	Branch Allowance To Pipe	0.000 Seams
K=Tap Length #2	Branch Seam Position	0.000 S1
L=Angle #2	Throat Cut Back (Degrees)	0.000 S2
M=Inset #2	Plate Border (Circumference)	0.000 S3
N=Extension #2	Plate Type	Rectangular Damper:
	Estimated Diameter %age	Not Used None
	Cut Back Allowance (%)	0.000 None
	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto None
	End Castle Width	0.000
	End Castle Angle	30.000
	Branches	Fabricated

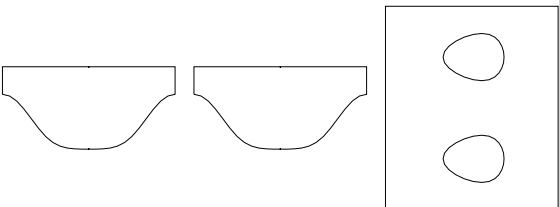


CID: 50

Round

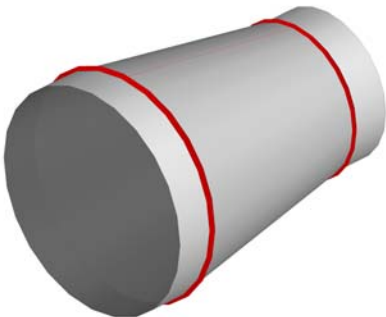


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000 C4
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Branch Diameter Type	Nominal
I=Offset #1	Hole Adjust	0.000
J=Extension #1	Branch Allowance To Pipe	0.000 Seams
K=Tap Diameter #2	Branch Seam Position	0.000 S1
L=Tap Length #2	Throat Cut Back (Degrees)	0.000 S2
M=Angle #2	Plate Border (Circumference)	0.000 S3
N=Inset #2	Plate Type	Rectangular Damper:
O=Offset #2	Estimated Diameter %age	Not Used None
P=Extension #2	Cut Back Allowance (%)	0.000 None
	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto None
	End Castle Width	0.000
	End Castle Angle	30.000



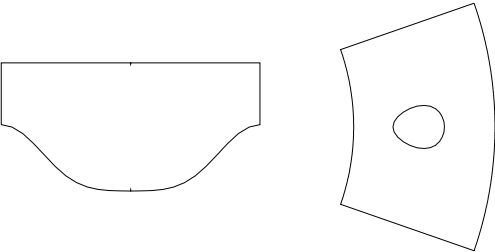
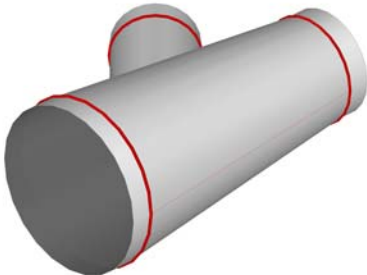
CID: 51

Round/Fabrication



CID: 52

Round



Dims	Options	
A=Diameter In	Diameter Type BE	Nominal
B=Diameter Out	Diameter Type SE	Nominal
C=Length	Girth Split	1
D=Left Extension	Length Break	1
E=Right Extension	Estimated Diameter %age	Not Used
F=Angle	Seam For Weathering	No
	Input	Length
	Length Includes Extensions	No
	Auto Oversize	Normal
	Graining Angle	90.000
		S1

Damper:
None
None

Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Diameter	Branch Parts	1
C=Pipe Length	First Break	0.000
D=Left Extension	Second Break	0.000
E=Right Extension	Third Break	0.000
F=Tap Diameter #1	Seam Position	270.000
G=Tap Length #1	Diameter Type BE	Nominal
H=Angle #1	Diameter Type SE	Nominal
I=Inset #1	Branch Diameter Type	Nominal
J=Extension #1	Hole Adjust	0.000
	Branch Allowance To Pipe	0.000
	Branch Seam Position	0.000
	Throat Cut Back (Degrees)	0.000
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000
	End Castle Width	0.000
	End Castle Angle	30.000

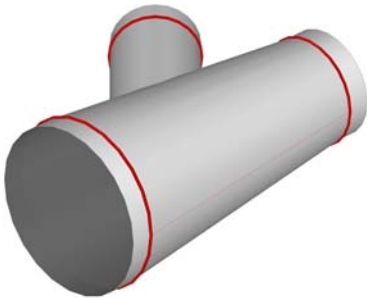
Conn's

Seams

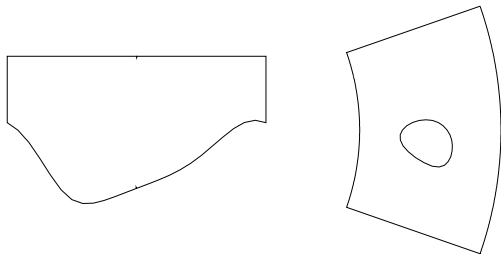
Damper:
None
None

CID: 53

Round/Fabrication

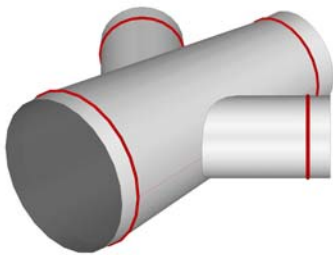


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	C1
C=Pipe Length	First Break	0.000	C2
D=Left Extension	Second Break	0.000	C3
E=Right Extension	Third Break	0.000	
F=Tap Diameter #1	Seam Position	270.000	
G=Tap Length #1	Diameter Type BE	Nominal	
H=Angle #1	Diameter Type SE	Nominal	
I=Inset #1	Branch Diameter Type	Nominal	
J=Offset #1	Hole Adjust	0.000	Seams
K=Extension #1	Branch Allowance To Pipe	0.000	S1
	Branch Seam Position	0.000	S2
	Throat Cut Back (Degrees)	0.000	
	Estimated Diameter %age	Not Used	Damper:
	Cut Back Allowance (%)	0.000	None
	End Castle Width	0.000	None
	End Castle Angle	30.000	None

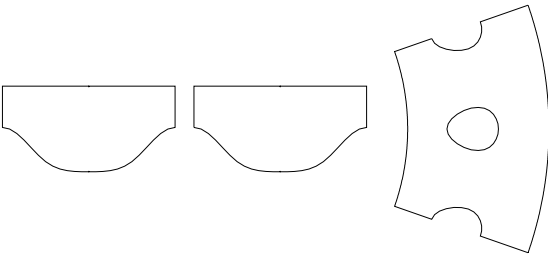


CID: 54

Round/Fabrication

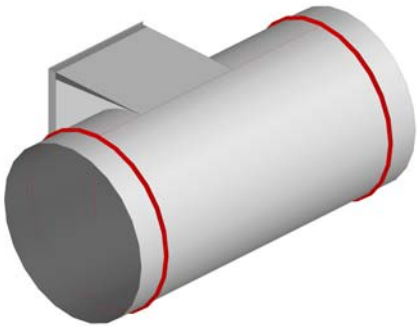


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	C1
C=Pipe Length	First Break	0.000	C2
D=Left Extension	Second Break	0.000	C3
E=Right Extension	Third Break	0.000	C4
F=Tap Diameter #1	Seam Position	270.000	
G=Tap Length #1	Diameter Type BE	Nominal	
H=Angle #1	Diameter Type SE	Nominal	
I=Inset #1	Branch Diameter Type	Nominal	
J=Extension #1	Branch Diameter Type	Nominal	Seams
K=Tap Diameter #2	Hole Adjust	0.000	S1
L=Tap Length #2	Branch Allowance To Pipe	0.000	S2
M=Angle #2	Branch Seam Position	0.000	S3
N=Inset #2	Throat Cut Back (Degrees)	0.000	
O=Extension #2	Estimated Diameter %age	Not Used	Damper:
	Cut Back Allowance (%)	0.000	None
	End Castle Width	0.000	None
	End Castle Angle	30.000	None

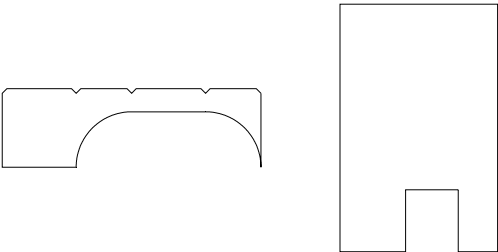


CID: 55

Round/Fabrication

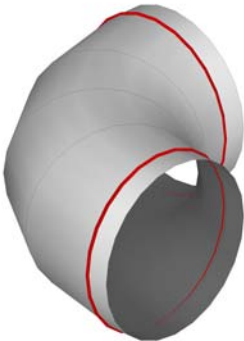


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Pipe Parts	1	C3
E=Branch Width	Branch Parts	1	
F=Branch Depth	Pipe Seam Position	0.000	
G=Tap Length	Hole Adjust	0.000	
H=Inset	Plate Border	0.000	
I=Offset	Castle Width	0.000	
	Castle Angle	30.000	Seams
	Plate Border (Width)	Auto	S1
	Same Seams On Each Part	No	S2
	Mirror Branch Parts	No	
Damper:			

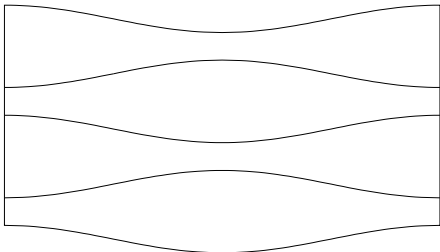


CID: 56

Round

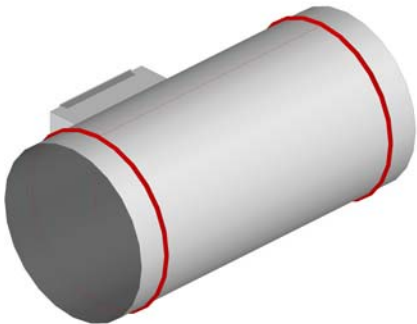


Dims		Options	
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Seam Position	0.000	C1
C=Angle	Girth Split	1	C2
D=Bottom Collar	Single Segments	No	C3
E=Right Collar	Diameter Type	Nominal	
Seams			
S1			
Damper:			

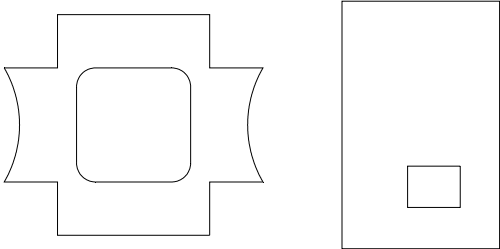


CID: 57

Round

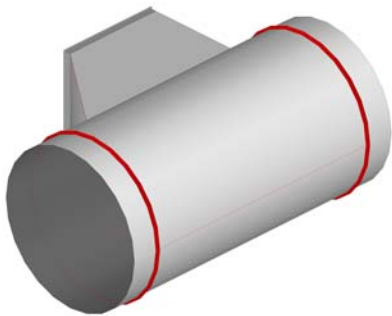


Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Pipe Parts	1 C3
E=Branch Width	Pipe Seam Position	0.000
F=Branch Depth	Hole Adjust	0.000
G=Tap Length	Plate Border	0.000
H=Inset	Castle Width	0.000
I=Hole Width	Castle Angle	30.000
J=Hole Depth	Plate Border (Width)	Auto
K=Hole Radius	Fold Notch Depth	0.000 S1
L=Collar	Develop Branch Collar	No S2
		S3
		Damper:

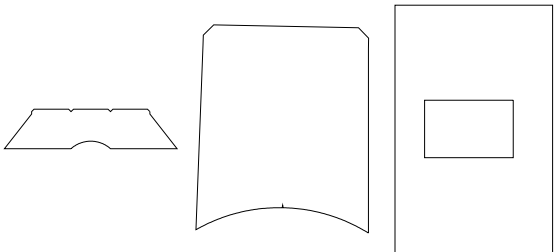


CID: 58

Round



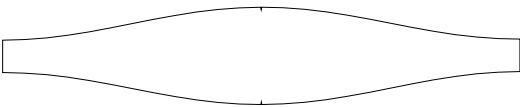
Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Hole Adjust	0.000 C3
E=Branch Width	Pipe Parts	1
F=Branch Depth	Branch Parts	2
G=Tap Length	First Break	0.000
H=Inset	Second Break	0.000
I=Extension	Third Break	0.000
	Pipe Seam Position	270.000
	Hole Adjust	0.000 S1
	Plate Border	0.000 S2
	Castle Width	0.000
	Castle Angle	30.000
	Plate Border (Width)	Auto
	Branch Sloping Sides	Central
		None
		Damper:



CID: 59

Round

Dims	Options		
A=Diameter	Girth Split	1	Conn's
B=Center Diameter	Seam Position	0.000	C1
C=Radius	Diameter Type	Nominal	C2
D=Angle	Diameter	End	



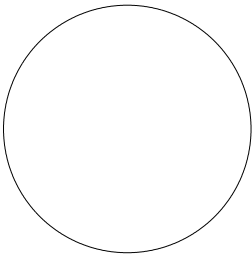
Seams
S1

Damper:

CID: 60

Round

Dims	Options		
A=Diameter	Diameter Type	Nominal	Conn's
B=Collar	Correct Holes Rotation	No	C1

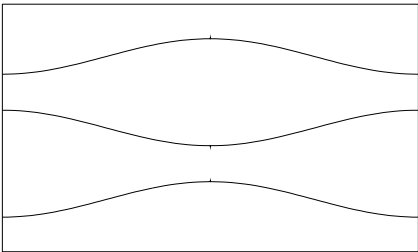
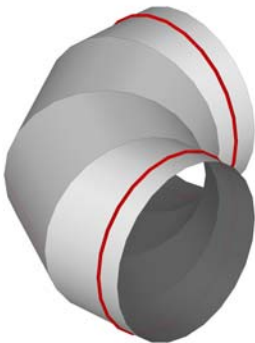


Seams

Damper:

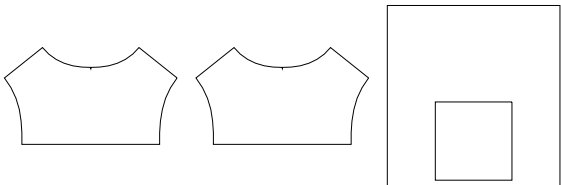
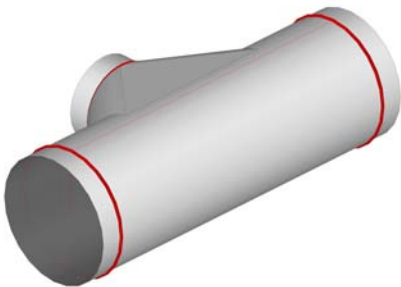
CID: 61

Round



CID: 62

Round

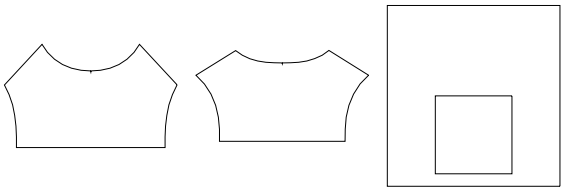
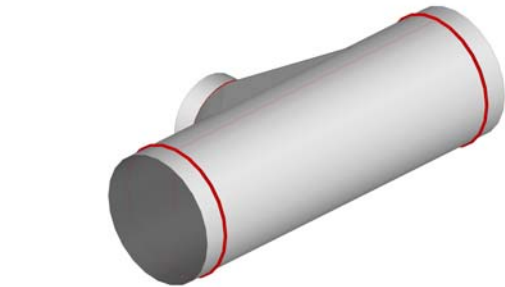


Dims	Options	
A=Diameter	Number Of Segments	4 Conn's
B=Inner Radius	Seam Position	0.000 C1
C=Angle	Girth Split	1 C2
D=Bottom Extension	Single Segments	No C3
E=Top Extension	Diameter Type	Nominal
	Automatic Nest Split If Oversize	No
	Notch Angle For Seam	0
	Nest Break Start Segment	0
	Nest Break End Segment	0
	Marker Type	Notch Seams
	Diameter Reduction	0.000 S1
	Marker Depth	Default
	Mark Sides	No
	Leg Lengths	No
	Fixing Holes On Extension	Yes Damper:
	Square Outer Insulation	No None
	Outer Insulation Extensions	No None
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Splitter Shape	Angled
	Splitter Type	Full
	Item Volume	Segmented

Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal Conn's
B=Pipe Length	Branch Diameter Type	Nominal C1
C=Left Extension	Branch Diameter Type	Nominal C2
D=Right Extension	Hole Adjust	0.000 C3
E=Tap Diameter	Round Allowance To Pipe	0.000
F=Tap Length	Flat Allowance To Pipe	0.000
G=Angle	Seam Position	0.000
H=Angle	Pipe Parts	1
I=Inset	Branch Parts	2
J=Offset	Flat Right	No Seams
K=Collar	Inlet	1 S1
	Outlet	2 S2
		Damper:

CID: 63

Round

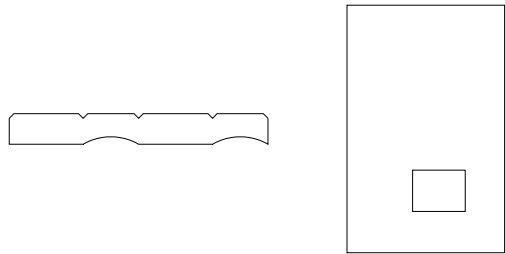
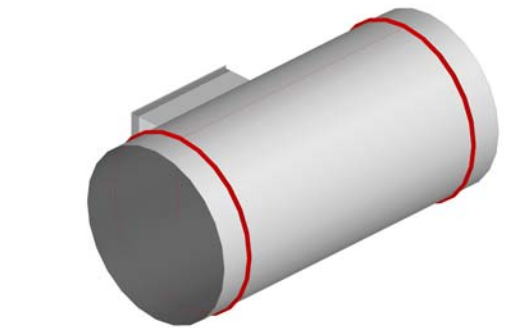


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Branch Diameter Type	Nominal	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Tap Diameter	Round Allowance To Pipe	0.000	
F=Tap Length	Flat Allowance To Pipe	0.000	
G=Angle	Seam Position	0.000	
H=Angle	Pipe Parts	1	
I=Inset	Branch Parts	2	
J=Collar	Flat Right	No	Seams
	Inlet	1	S1
	Outlet	2	S2

Damper:

CID: 64

Round



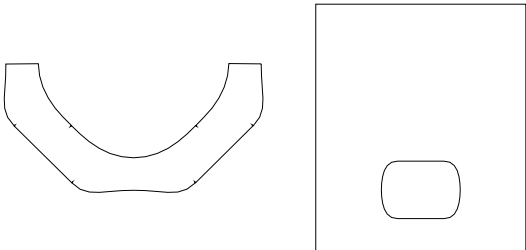
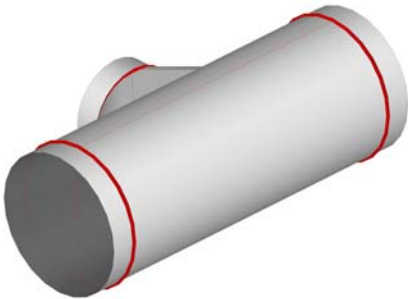
Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Pipe Parts	1	C3
E=Branch Width	Branch Parts	1	
F=Branch Depth	Pipe Seam Position	0.000	
G=Tap Length	Hole Adjust	0.000	
H=Inset	Plate Border	0.000	
I=Extension	Castle Width	0.000	
	Castle Angle	30.000	Seams
	Plate Border (Width)	Auto	S1
			S2

Damper:

CID: 65

Round

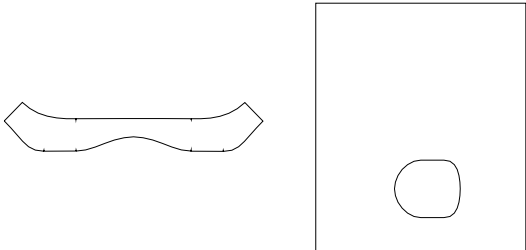
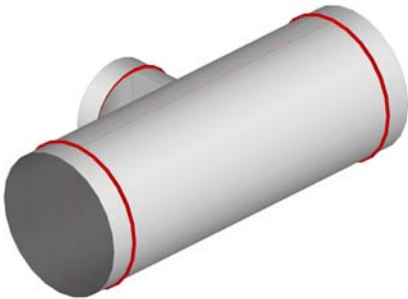
Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	Seam Position	0.000
D=Right Extension	Pipe Diameter Type	Nominal
E=Tap Diameter	Branch Diameter Type	Nominal
F=Tap Length	Branch Diameter Type	Nominal
G=Angle	Branch Allowance To Pipe	0.000
H=Inset	Hole Adjust	0.000
I=Collar	Plate Border	0.000
	Plate Type	Rectangular
	Plate Border (Width)	Auto
		Seams
		S1
		S2
		Damper:
		None
		None
		None



CID: 66

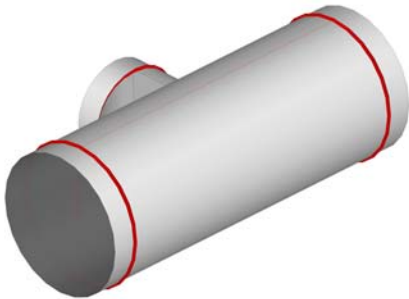
Round

Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	Seam Position	0.000
D=Right Extension	Seam Position	Throat
E=Tap Diameter	Pipe Diameter Type	Nominal
F=Tap Length	Branch Diameter Type	Nominal
G=Angle	Branch Diameter Type	Nominal
H=Inset	Branch Allowance To Pipe	0.000
I=Collar	Hole Adjust	0.000
	Straight Notch	No
	Plate Border	0.000
	Plate Type	Rectangular
	Plate Border (Width)	Auto
	Inset	Front
		Seams
		S1
		S2
		Damper:
		None

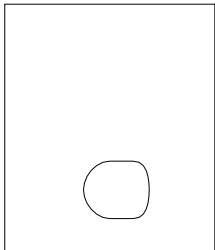
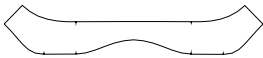


CID: 67

Round



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	Seam Position	0.000	C2
D=Right Extension	Seam Position	Throat	C3
E=Tap Diameter	Pipe Diameter Type	Nominal	
F=Tap Length	Branch Diameter Type	Nominal	
G=Angle	Branch Diameter Type	Nominal	
H=Inset	Branch Allowance To Pipe	0.000	
I=Offset	Hole Adjust	0.000	
J=Collar	Straight Notch	No	Seams
	Plate Border	0.000	S1
	Plate Type	Rectangular	S2
	Plate Border (Width)	Auto	
	Inset	Front	Damper:
			None

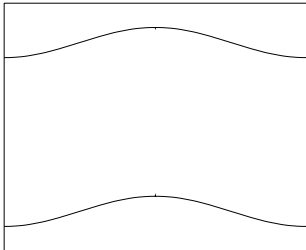


CID: 68

Round

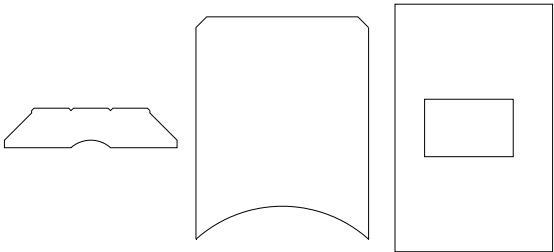
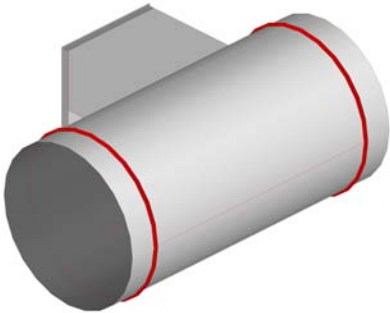


Dims		Options	
A=Diameter	Seam Position	0.000	Conn's
B=Length	Single Segments	No	C1
C=Offset	Diameter Type	Nominal	C2
D=Left Extension	Girth Split	1	C3
E=Right Extension	Marker Type	Notch	
F=Left Collar	Seam Position	Angled	
G=Right Collar	Stitch Gap	0.000	
H=Angle	Number Of Stitches	4	
	Seam Cuts	Straight	
	Automatic Nest Split If Oversize	No	Seams
			S1
			Damper:
			None
			None



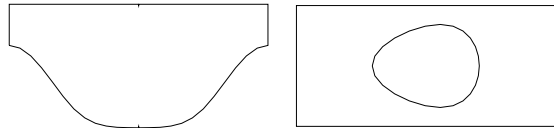
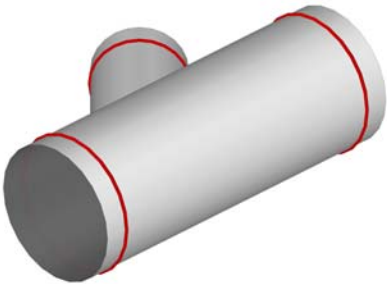
CID: 69

Round



CID: 70

Round

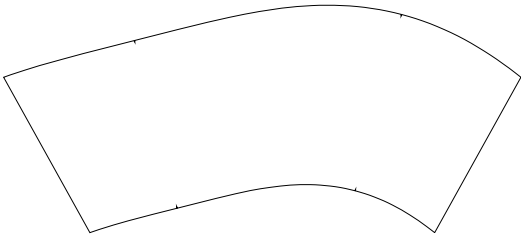
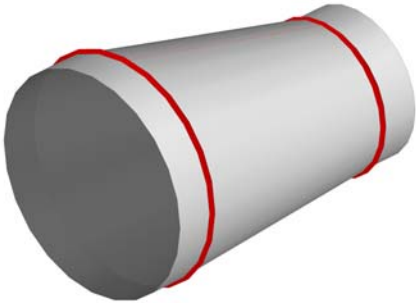


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Branch Width	Pipe Parts	1	
F=Branch Depth	Branch Parts	2	
G=Tap Length	First Break	0.000	
H=Inset	Second Break	0.000	
I=Extension	Third Break	0.000	
	Pipe Seam Position	270.000	Seams
	Hole Adjust	0.000	S1
	Plate Border	0.000	S2
	Throat Clearance	0.000	
	Castle Width	0.000	
	Castle Angle	30.000	Damper:
	Plate Border (Width)	Auto	None
			None

Dims		Options	
A=Pipe Diameter	Branch Parts	1	Conn's
B=Pipe Length	Pipe Diameter Type	Nominal	C1
C=Left Extension	Branch Diameter Type	Nominal	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Tap Diameter #1	Branch Allowance To Pipe	0.000	
F=Tap Length #1	Branch Seam Position	0.000	
G=Angle #1	Throat Cut Back (Degrees)	0.000	
H=Inset #1	Plate Allowance	0.000	
I=Offset #1	Estimated Diameter %age	Not Used	
J=Extension #1	Cut Back Allowance (%)	0.000	Seams
K=Plate Border	Use Pipe Seam For Branches	No	S1
	End Castle Width	0.000	S2
	End Castle Angle	30.000	
			Damper:
			None
			None
			None

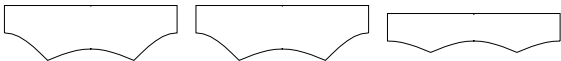
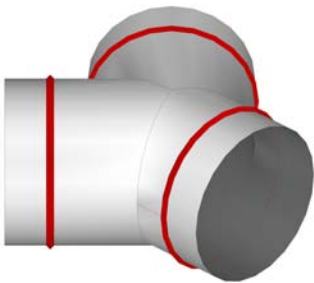
CID: 71

Round



CID: 72

Round/Fabrication



Dims		Options	
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	C1
C=Length	Girth Split	1	C2
D=Y-Offset	Seam Position	0.000	
E=Left Extension	Length Break	1	
F=Right Extension	Estimated Diameter %age	Not Used	
G=Round Angle	Marker Type	Notch	
	Length Includes Extensions	No	
	Graining Angle	90.000	
		Seams	
		S1	

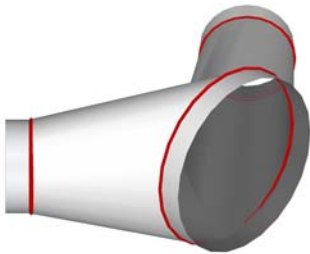
Damper:
None
None

Dims		Options	
A=Diameter	Diameter Type	Nominal	Conn's
B=Length In	Seam Position	0.000	C1
C=Length Out			C2
D=Angle			C3
E=Bottom Extension			C4
F=Left Extension			C5
G=Right Extension			
		Seams	
		S1	

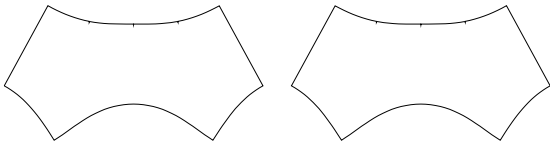
Damper:

CID: 73

Round

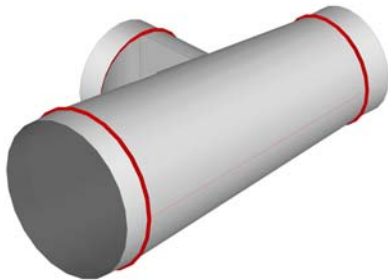


Dims	Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal
B=Left Diameter	Left Diameter Type	Nominal C1
C=Right Diameter	Right Diameter Type	Nominal C2
D=Left End Angle	Seam Position	Top C3
E=Right End Angle	Marker Type	Notch C4
F=Left Height		
G=Right Height		
H=Left Offset		
I=Right Offset		
J=Bottom Collar		
K=Left Collar		
L=Right Collar		
M=Left Offset Depth		
N=Right Offset Depth		
		Seams
		S1
		Damper:

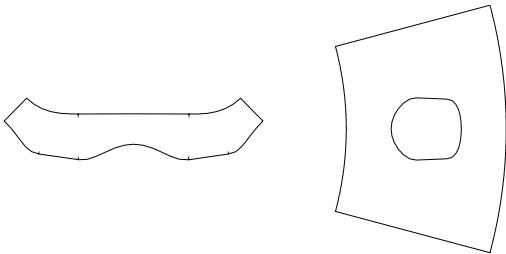


CID: 74

Round

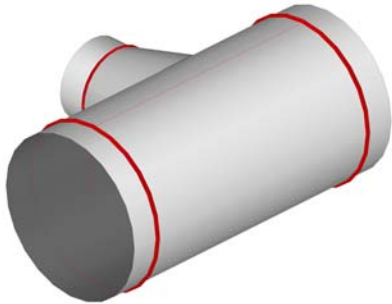


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Diameter	Branch Parts	1 C1
C=Pipe Length	Seam Position	270.000 C2
D=Left Collar	Seam Position	Throat C3
E=Right Collar	Diameter Type BE	Nominal
F=Tap Diameter	Diameter Type SE	Nominal
G=Tap Length	Branch Diameter Type	Nominal
H=Angle	Hole Adjust	0.000
I=Inset	Branch Allowance To Pipe	0.000
J=Collar		
		Seams
		S1
		S2
		Damper:
		None
		None
		None

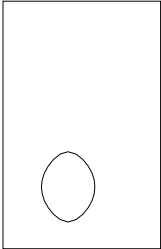
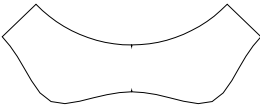


CID: 75

Round/Fabrication

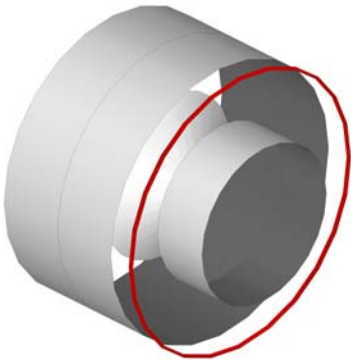


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	Seam Position	0.000	C2
D=Right Extension	Pipe Diameter Type	Nominal	C3
E=Tap Diameter	Branch Diameter Type	Nominal	
F=Tap Length	Hole Adjust	0.000	
G=Angle	Branch Allowance To Pipe	0.000	
H=Inset	Branch Seam Position	0.000	
I=Collar	Plate Border	0.000	
J=Btm Width	Plate Type	Rectangular	Seams
	Input	Angle	S1
	Plate Border (Width)	Auto	S2
	Reducer Parts	1	
	Damper:	None	
		None	
		None	

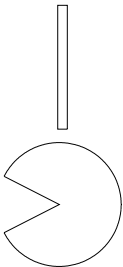


CID: 77

Round

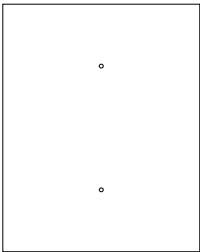
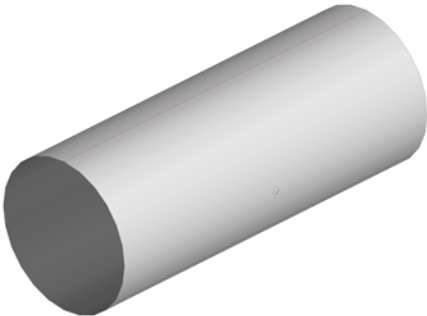


Dims		Options	
A=Top Diameter	Girth Split	1	Conn's
B=Diameter	Hole Width	0.000	C1
C=Bottom Diameter	Hole Length	0.000	C2
D=Inner Diameter	Number Of Holes	0	C3
E=Length	Hole Inset	0.000	
F=Length	Hole Diameter	0.000	
G=Inner Length	Number Of Holes	0	
H=Hole Diameter	Hole Inset	0.000	
I=Pipe Diameter	Hole Diameter	0.000	
J=Pipe Length	Number Of Holes	0	Seams
	Hole Inset	0.000	S1
	Insertion Point	Default	
	Rotation	Default	
	Damper:		



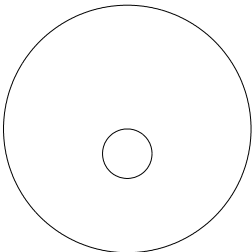
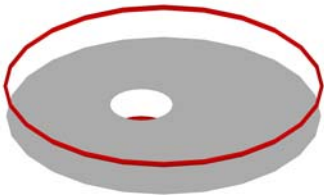
CID: 78

Round



CID: 79

Round



Dims		Options	
A=Diameter	Seam Position	0.000	Conn's
B=Length	Diameter Type	Nominal	C1
C=Top Hole Length	Hole	Both	C2
D=Top Hole Width	Pipe Parts	1	
E=Bottom Hole Length	First Break	0.000	
F=Bottom Hole Width	Second Break	0.000	
	Third Break	0.000	

Seams
S1

Damper:
None
None

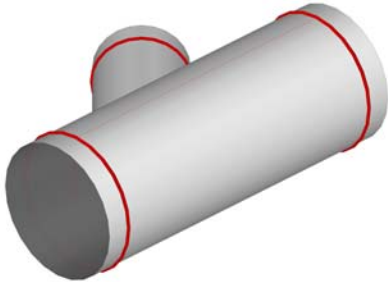
Dims		Options	
A=Diameter			Conn's
B=Offset			C1
C=Diameter			C2
D=Collar			

Seams

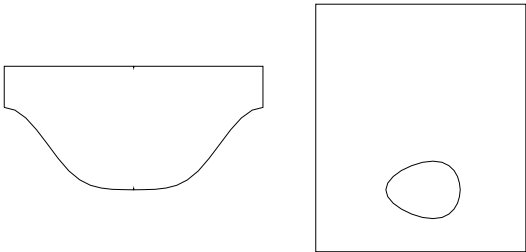
Damper:

CID: 80

Round

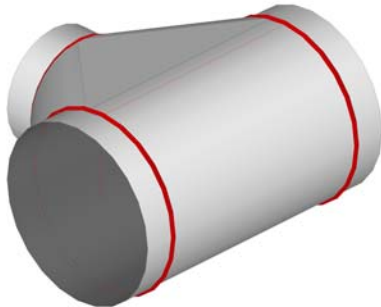


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter #1	Third Break	0.000	
F=Tap Length #1	Seam Position	0.000	
G=Angle #1	Pipe Diameter Type	Nominal	
H=Inset #1	Branch Diameter Type	Nominal	
I=Offset #1	Hole Adjust	0.000	
J=Extension #1	Branch Allowance To Pipe	0.000	Seams
	Branch Seam Position	0.000	S1
	Throat Cut Back (Degrees)	0.000	S2
	Plate Border (Circumference)	0.000	
	Plate Type	Rectangular	Damper:
	Estimated Diameter %age	Not Used	None
	Cut Back Allowance (%)	0.000	None
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	
	Hole Width Adjust	0.000	
	Hole Depth Adjust	0.000	
	End Castle Width	0.000	
	End Castle Angle	30.000	



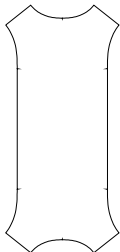
CID: 81

Round



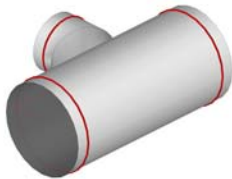
Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Left Extension	Branch Diameter Type	Nominal	C1
C=Right Extension	Branch Diameter Type	Nominal	C2
D=Tap Diameter	Hole Adjust	0.000	C3
E=Tap Length	Round Allowance To Pipe	0.000	
F=Angle	Flat Allowance To Pipe	0.000	
G=Angle	Seam Position	0.000	
H=Collar	Pipe Parts	1	
	Branch Parts	2	
	Connector Fold Notch	Full Allowance	Seams
	Inlet	1	S1
	Outlet	2	S2

Damper:



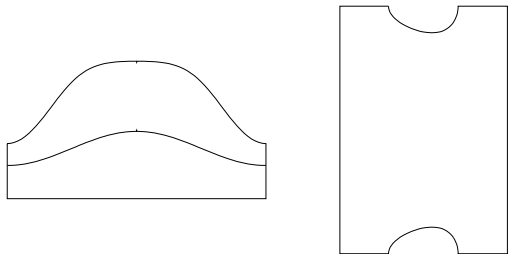
CID: 82

Round



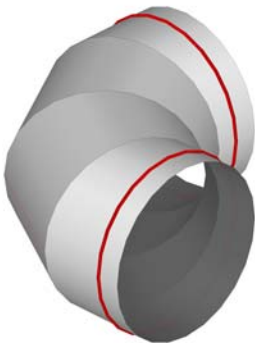
Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter	Third Break	0.000 C4
F=Tap Length	Pipe Diameter Type	Nominal
G=Angle	Branch Diameter Type	Nominal
H=Inset	Hole Adjust	0.000
I=Offset	Branch Allowance To Pipe	0.000
J=Extension	Throat Cut Back (Degrees)	0.000 Seams
K=Collar	Reducer Parts	1 S1
	Branch Inset	Front S2

Damper:

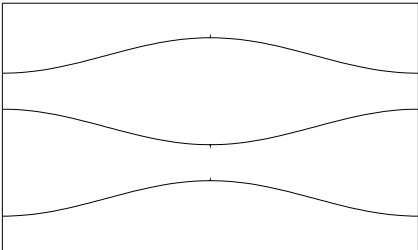


CID: 83

Round/Fabrication

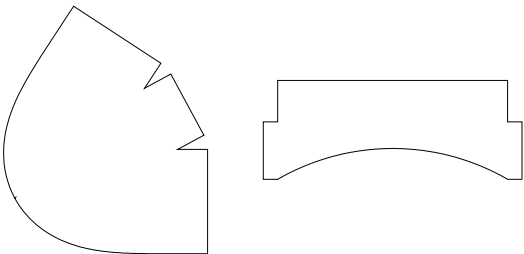
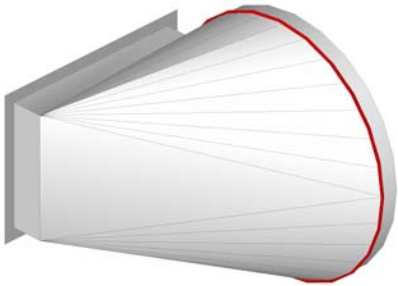


Dims	Options	
A=Diameter	Number Of Segments	4 Conn's
B=Inner Radius	Seam Position	0.000 C1
C=Angle	Girth Split	1 C2
D=Bottom Extension	Diameter Type	Nominal C3
E=Top Extension	Automatic Nest Split If Oversize	No
	Notch Angle For Seam	0
	Stitch Gap	0.000
	Number Of Stitches	4
	Quantity	1
	Nest Break Start Segment	0 Seams
	Nest Break End Segment	0 S1
	Marker Type	Notch
	Diameter Reduction	0.000
	Marker Depth	Default
	Mark Sides	No Damper:
	Leg Lengths	No None
	Fixing Holes On Extension	Yes
	Square Outer Insulation	No
	Outer Insulation Extensions	No
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Splitter Shape	Angled
	Splitter Type	Partial
	Item Volume	Segmented



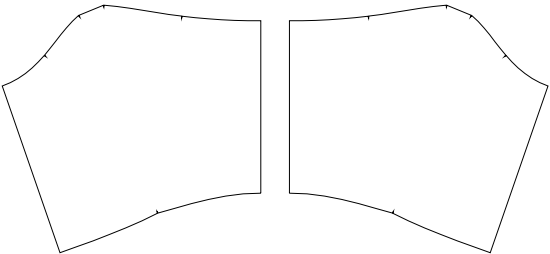
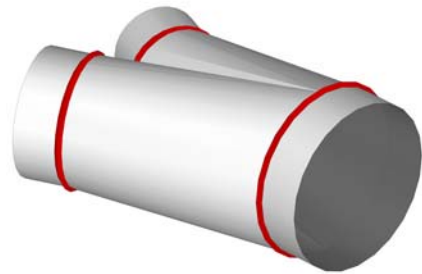
CID: 85

Rectangular/Round



CID: 86

Round



Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth	Top Offset	0.000	C1
C=Diameter			C2
D=Extension			
E=Collar			

Seams
S1

Damper:

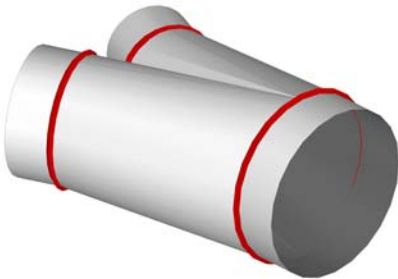
Dims	Options		
A=Bottom Diameter	Add Collars To Body	No	Conn's
B=Left Diameter	Flat Left	No	C1
C=Right Diameter	Notch Angle For Seam	0.000	C2
D=Height	Slope Angle	0.000	C3
E=Length			
F=Left Angle			
G=Right Ang			
H=Bottom Collar			
I=Left Collar			
J=Right Collar			

Seams
S1
S2

Damper:

CID: 87

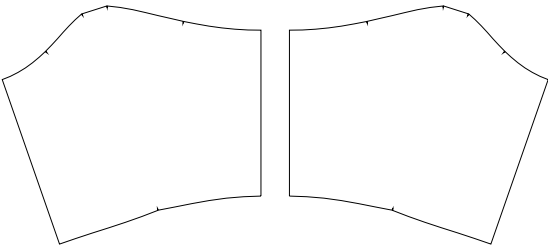
Round



Dims	Options	
A=Bottom Diameter	Add Collars To Body	No Conn's
B=Left Diameter	Flat Left	No C1
C=Right Diameter	Notch Angle For Seam	0.000 C2
D=Height	Slope Angle	0.000 C3
E=Length		
F=Left Angle		
G=Right Ang		
H=Bottom Collar		
I=Left Collar		
J=Right Collar		

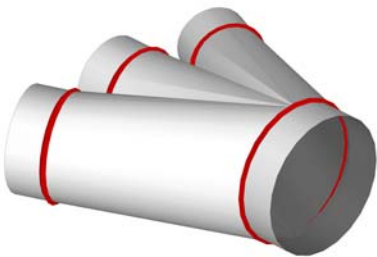
Seams
S1
S2

Damper:



CID: 88

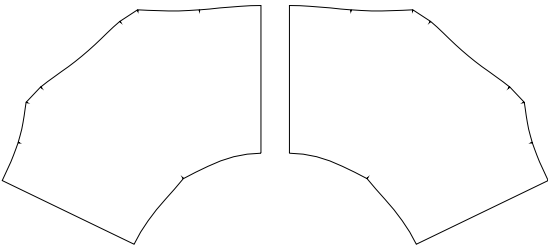
Round



Dims	Options	
A=Bottom Diameter	Add Collars To Body	No Conn's
B=Left Diameter	Flat Left	No C1
C=Right Diameter	Notch Angle For Seam	0.000 C2
D=Diameter	Slope Angle	0.000 C3
E=Height		C4
F=Length		
G=Left Angle		
H=Right Ang		
I=Bottom Collar		
J=Left Collar		
K=Right Collar		
L=Collar		

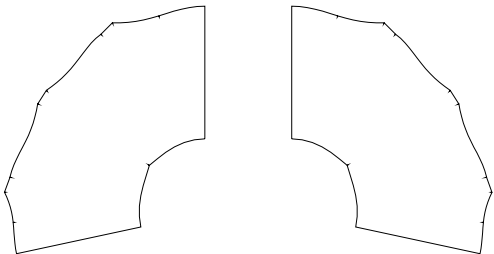
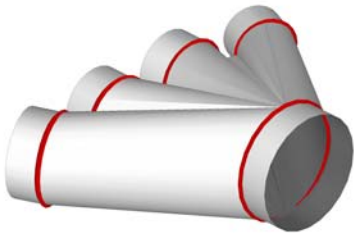
Seams
S1
S2

Damper:



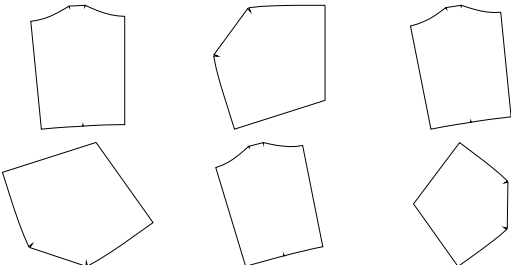
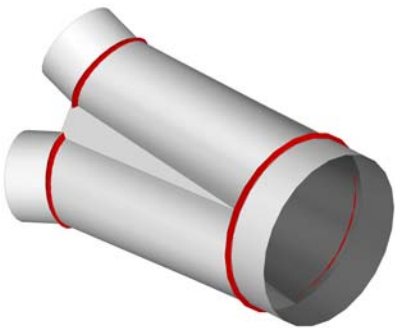
CID: 89

Round



CID: 90

Round



Dims	Options	
A=Bottom Diameter	Add Collars To Body	No
B=Left Diameter	Flat Left	No
C=Right Diameter	Notch Angle For Seam	0.000
D=Diameter	Slope Angle	0.000
E=Diameter		C4
F=Height		C5
G=Length		
H=Left Angle		
I=Right Ang		
J=Bottom Collar		
K=Left Collar		
L=Right Collar		
M=Collar		
N=Collar		

Conn's

S1

S2

Damper:

Dims	Options	
A=Bottom Diameter		
B=Top Diameter #2		
C=Top Diameter #3		
D=Top Diameter #4		
E=Height		
F=Length		
G=Angle #2		
H=Angle #3		
I=Angle #4		
J=Bottom Collar		
K=Collar #2		
L=Collar #3		
M=Collar #4		

Conn's

C1

C2

C3

C4

Seams

S1

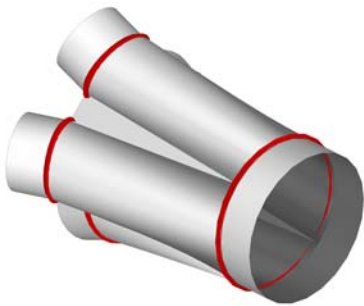
S2

S3

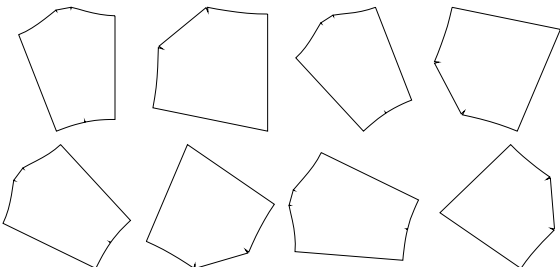
Damper:

CID: 91

Round

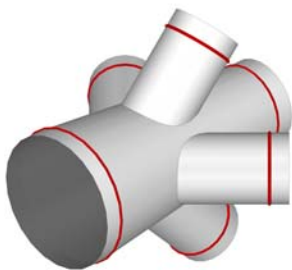


Dims		Options	
A=Bottom Diameter			Conn's
B=Top Diameter #2			C1
C=Top Diameter #3			C2
D=Top Diameter #4			C3
E=Top Diameter #5			C4
F=Height			C5
G=Length			
H=Angle #2			
I=Angle #3			
J=Angle #4			
K=Angle #5			
L=Bottom Collar			
M=Collar #2			
N=Collar #3			
O=Collar #4			
P=Collar #5			
			Seams
			S1
			S2
			S3
			Damper:

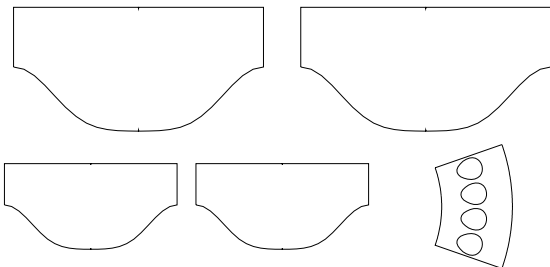


CID: 92

Round

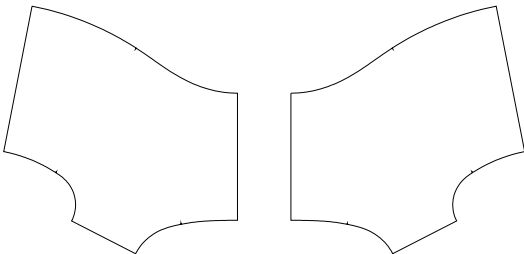
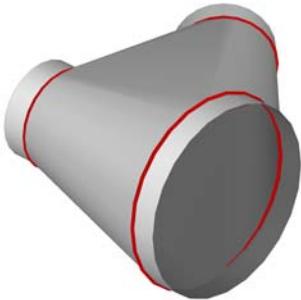


Dims		Options	
A=Pipe Diameter		Pipe Parts	1
B=Pipe Diameter		Branch Parts	1
C=Pipe Length		First Break	0.000
D=Left Extension		Second Break	0.000
E=Right Extension		Third Break	0.000
F=Tap Diameter #1		Seam Position	45.000
G=Tap Length #1		Diameter Type BE	Nominal
H=Angle #1		Diameter Type SE	Nominal
I=Inset #1		Branch Diameter Type	Nominal
J=Rotation #1		Branch Diameter Type	Nominal
K=Extension #1		Branch Diameter Type	Nominal
L=Tap Diameter #2		Branch Diameter Type	Nominal
M=Tap Length #2		Hole Adjust	0.000
N=Angle #2		Branch Allowance To Pipe	0.000
O=Inset #2		Branch Seam Position	0.000
P=Rotation #2		Throat Cut Back (Degrees)	0.000
Q=Extension #2		Estimated Diameter %age	Not Used
R=Tap Diameter #3		Cut Back Allowance (%)	0.000
S=Tap Length #3		End Castle Width	0.000
T=Angle #3		End Castle Angle	30.000
U=Inset #3			
V=Rotation #3			
W=Extension #3			
X=Tap Diameter #4			
Y=Tap Length #4			
Z=Angle #4			
a=Inset #4			
b=Rotation #4			
c=Extension #4			
			Conn's
			C1
			C2
			C3
			C4
			C5
			C6
			Seams
			S1
			S2
			S3
			Damper:
			None
			None
			None
			None
			None
			None



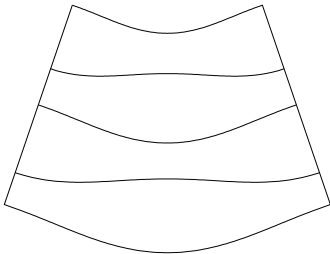
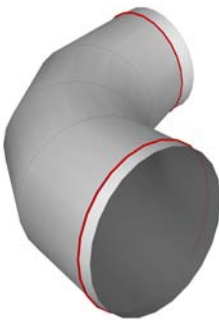
CID: 93

Round



CID: 95

Round



Dims	Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal
B=Top Diameter	Left Diameter Type	Nominal C1
C=Tap Diameter	Right Diameter Type	Nominal C2
D=Angle	2 Parts	Yes C3
E=Right Offset		
F=Height		
G=Bottom Collar		
H=Top Collar		
I=Branch Collar		
		Seams
		S1

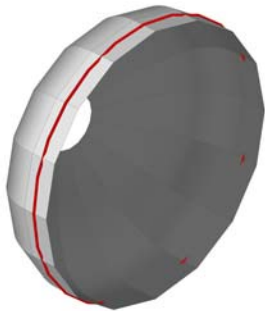
Damper:

Dims	Options	
A=Bottom Diameter	Number Of Segments	4
B=Top Diameter	Seam Position	0.000 C1
C=Center Radius	Girth Split	1 C2
D=Angle	Single Segments	No C3
E=Bottom Collar	Diameter Type	Nominal
F=Right Collar		
		Seams
		S1

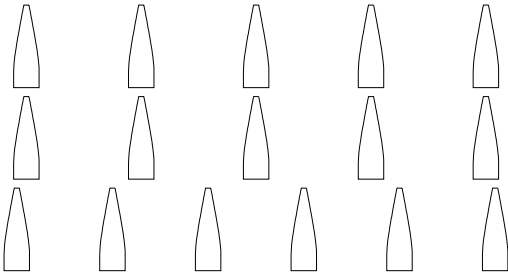
Damper:

CID: 96

Round

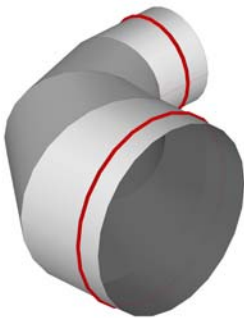


Dims	Options	
A=Bottom Diameter	Number Of Segments	16 Conn's
B=Top Diameter	Parts To Cut	16 C1
C=Height	Input	Height
D=Top Radius	Bottom Diameter Type	Nominal
E=Bottom Radius	Top Diameter Type	Nominal
F=Bottom Extension	Top Diameter	Slice
G=Collar	Fixing Holes	2
H=Tap Diameter	Fixing Hole Diameter	None
I=Tap Length	Hole Inset	25.000
J=Offset	Branch Parts	1 Seams
	Branch Seam Position	0.000 S1
	Turnover Allowance	0.000
	Template	No
	Hole Spacing	0.000 Damper:
	Hole Spacing (Shoulder)	0.000
	Bottom Extension Parts	0
	Turnover Allowance	0.000
	Slit	No

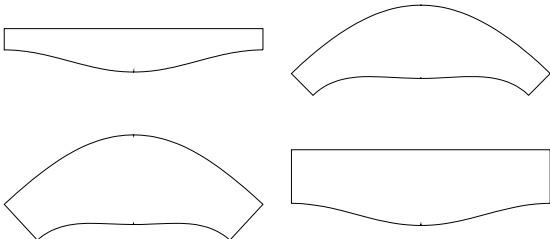


CID: 97

Round

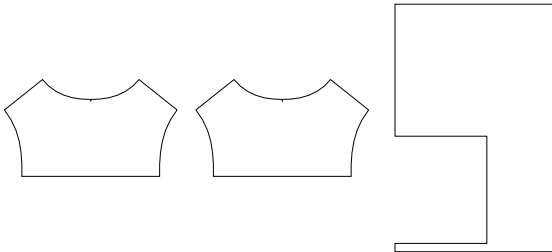
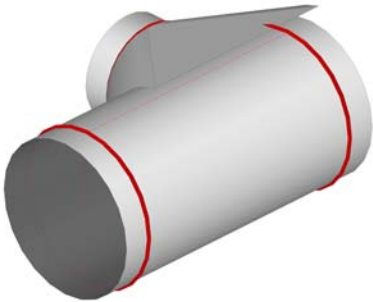


Dims	Options	
A=Bottom Diameter	Number Of Segments	4 Conn's
B=Top Diameter	Seam Position	0.000 C1
C=Center Radius	Girth Split	1 C2
D=Angle	Bottom Diameter Type	Nominal C3
E=Bottom Extension	Marker Type	Notch
F=Top Extension	Top Diameter Type	Nominal
	Marker Depth	Default
	Mark Sides	No
	Leg Lengths	No
	Square Outer Insulation	No Seams
	Outer Insulation Extensions	No S1
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000 Damper:
	Splitter Shape	Angled None
	Splitter Type	Partial None
	Item Volume	Segmented



CID: 98

Round

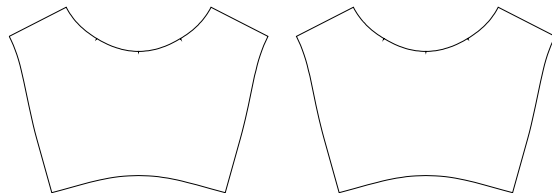


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Branch Diameter Type	Nominal	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Tap Diameter	Round Allowance To Pipe	0.000	
F=Tap Length	Flat Allowance To Pipe	0.000	
G=Angle	Seam Position	0.000	
H=Angle	Pipe Parts	1	
I=Inset	Branch Parts	2	
J=Collar	Flat Right	No	Seams
	Inlet	1	S1
	Outlet	2	S2

Damper:

CID: 99

Round



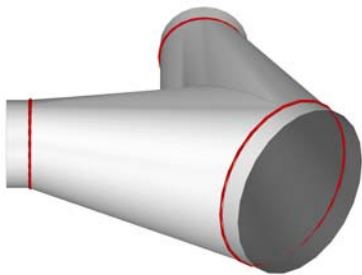
Dims		Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Left Diameter	Left Diameter Type	Nominal	C1
C=Right Diameter	Right Diameter Type	Nominal	C2
D=Left Angle	Seam Position	Top	C3
E=Right Ang	Marker Type	Notch	C4
F=Bottom Collar			
G=Left Collar			
H=Right Collar			

Seams
S1

Damper:

CID: 100

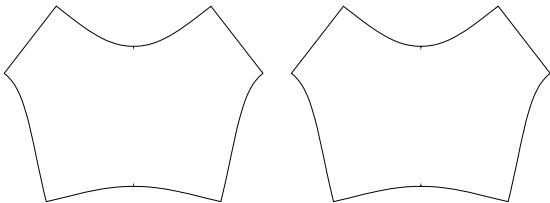
Round



Dims	Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal
B=Left Diameter	Left Diameter Type	Nominal C1
C=Right Diameter	Right Diameter Type	Nominal C2
D=Left Angle	Seam Position	Top C3
E=Right Ang	Marker Type	Notch C4
F=Left Length		
G=Right Length		
H=Height		
I=Bottom Collar		
J=Left Collar		
K=Right Collar		

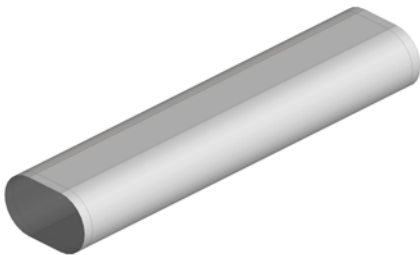
Seams
S1

Damper:



CID: 101

Flat Oval



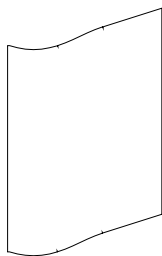
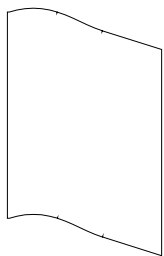
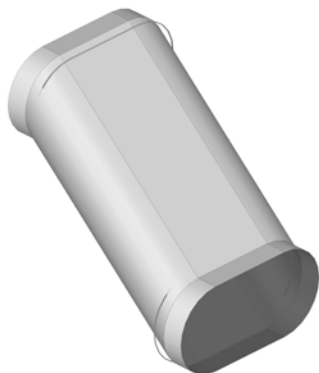
Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Seam Position	Corner C1
C=Length	Diameter Type	Nominal C2
D=Left Extension	Duct Length	(inch)
E=Right Extension		

Seams
S1

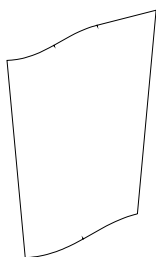
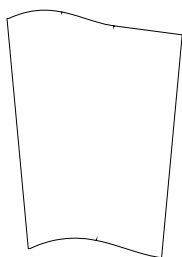
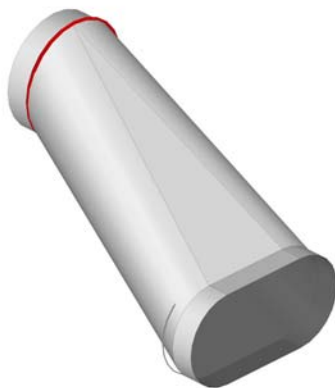
Damper:



Flat Oval



Round/Flat Oval



Dims		Options	
A=Major Axis	Diameter Type BE	Nominal	Conn's
B=Minor Axis	Diameter Type SE	Nominal	C1
C=Major Axis	Same Seams On Each Part	No	C2
D=Minor Axis			
E=Length			
F=Offset-Width			
G=Offset-Depth			
H=Collar			
I=Collar			
			Seams
			S1

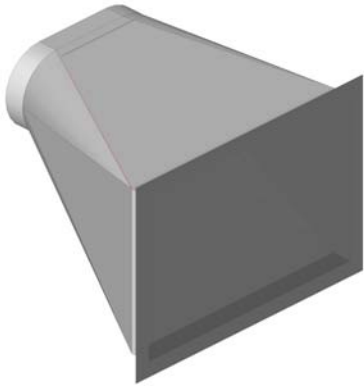
Damper:

Dims		Options		
A=Width	Girth Split		2	Conn's
B=Depth	Diameter Type BE	Nominal	C1	
C=Diameter	Diameter Type SE	Nominal	C2	
D=Length	Seam Position		Corner	
E=Offset-Width	Inlet		1	
F=Offset-Depth	Outlet		2	
G=Oval Collar	Same Seams On Each Part		No	
H=Round Collar				
				Seams
				S1

Damper:

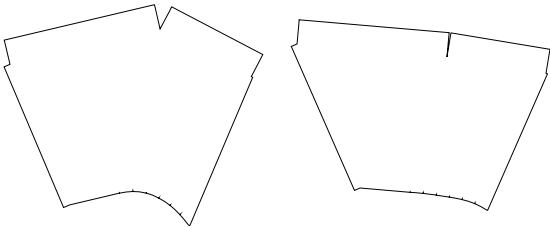
CID: 104

Rectangular/Flat Oval



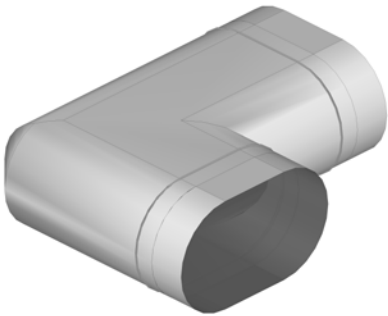
Dims	Options		
A=Width	Girth Split	2	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Oval Width	Marker Type	Notch	C2
D=Oval Depth	Offset-Width	Left In	
E=Length	Offset-Depth	Bottom Up	
F=Offset-Width	Seam Position	Corner	
G=Offset-Depth	Inlet	1	
H=Rect Extension	Outlet	2	
I=Collar	Same Seams On Each Part	No	
			Seams
			S1

Damper:



CID: 105

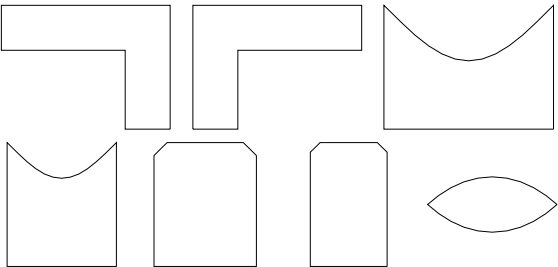
Flat Oval



Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth	Splitters	0	C1
C=Corner Radius	Splitter Radius	Auto	C2
D=Bottom Extension	Splitter Adjust	0.000	C3
E=Right Extension	Inlet	2	
F=Bottom Collar	Outlet	3	
G=Right Collar			

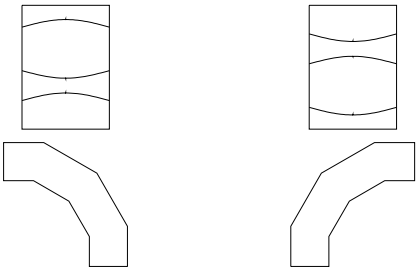
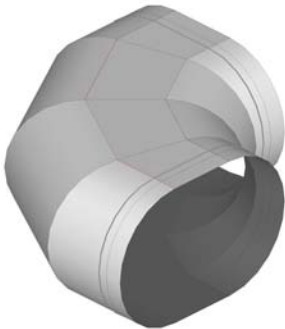
Seams
S1

Damper:



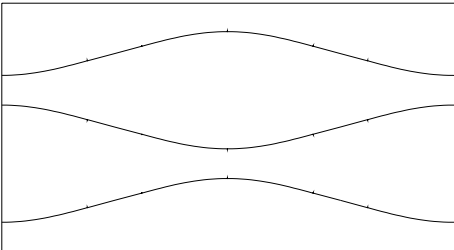
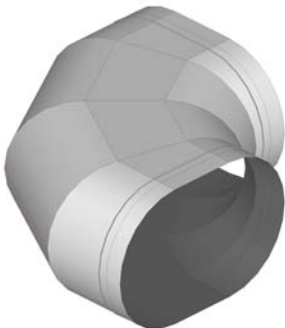
CID: 106

Flat Oval



CID: 107

Flat Oval

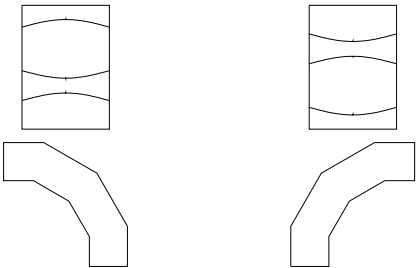
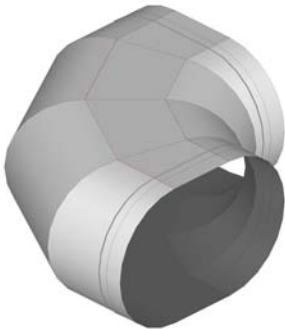


Dims	Options		
A=Width	Number Of Segments	4	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Nest Break Start Segment	0	C2
D=Angle	Nest Break End Segment	0	C3
E=Bottom Extension	Notch Angle For Seam	0	
F=Top Extension	Leg Lengths	No	
	Length Includes Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	
	Splitter Adjust	0.000	Seams
	Splitter Shape	Angled	S1
	Splitter Type	Full	S2
	Damper:		

Dims	Options		
A=Width	Number Of Segments	4	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Seam Position	Throat	C2
D=Angle	Single Segments	No	C3
E=Bottom Extension	Nest Break Start Segment	0	
F=Top Extension	Nest Break End Segment	0	
	Girth Split	1	
	Notch Angle For Seam	0	
	Leg Lengths	No	
	Length Includes Extensions	No	Seams
	Splitters	0	S1
	Splitter Radius	Auto	S2
	Splitter Adjust	0.000	
	Splitter Shape	Angled	Damper:
	Splitter Type	Full	
	Automatic Nest Split If Oversize	No	

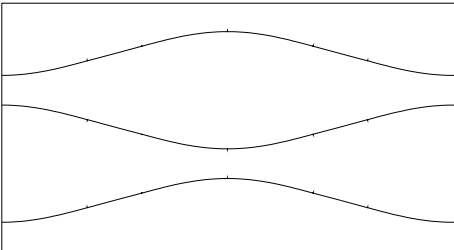
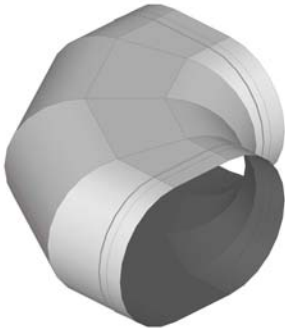
CID: 108

Flat Oval



CID: 109

Flat Oval



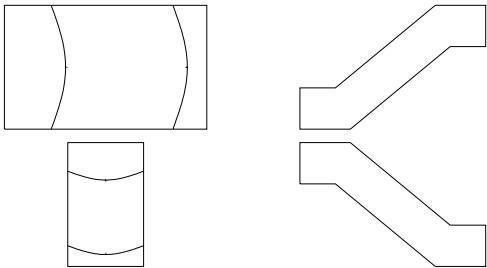
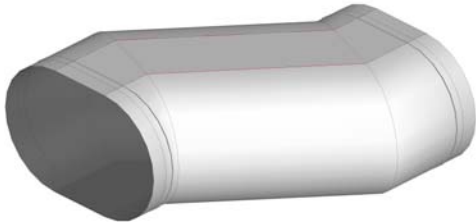
Dims	Options		
A=Width	Number Of Segments	4	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Nest Break Start Segment	0	C2
D=Angle	Nest Break End Segment	0	C3
E=Bottom Extension	Notch Angle For Seam	0	
F=Top Extension	Leg Lengths	No	
	Length Includes Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	
	Splitter Adjust	0.000	Seams
	Splitter Shape	Angled	S1
	Splitter Type	Partial	S2

Damper:

Dims	Options		
A=Width	Number Of Segments	4	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Seam Position	Throat	C2
D=Angle	Single Segments	No	C3
E=Bottom Extension	Nest Break Start Segment	0	
F=Top Extension	Nest Break End Segment	0	
	Girth Split	1	
	Notch Angle For Seam	0	
	Leg Lengths	No	
	Length Includes Extensions	No	Seams
	Splitters	0	S1
	Splitter Radius	Auto	S2
	Splitter Adjust	0.000	
	Splitter Shape	Angled	
	Splitter Type	Partial	Damper:

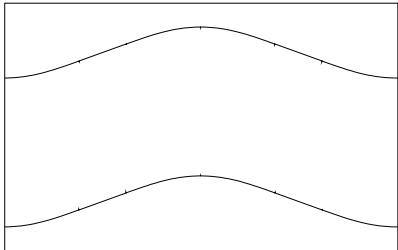
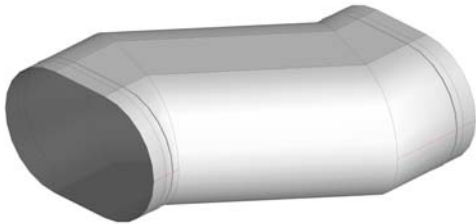
CID: 110

Flat Oval



CID: 111

Flat Oval



Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth			C1
C=Length			C2
D=Offset			C3
E=Left Extension			
F=Right Extension			
G=Left Collar			
H=Right Collar			

Seams
S1

Damper:

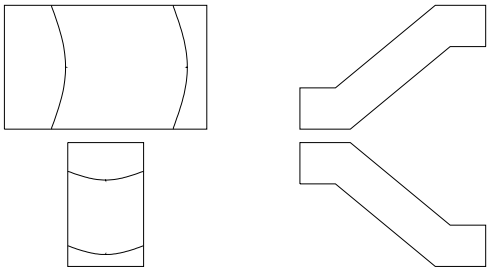
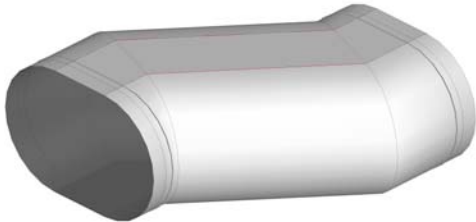
Dims	Options		
A=Width	Seam Position	Bottom	Conn's
B=Depth	Single Segments	No	C1
C=Length	Diameter Type	Nominal	C2
D=Offset	Girth Split	1	C3
E=Left Extension	Automatic Nest Split If Oversize	No	
F=Right Extension			
G=Left Collar			
H=Right Collar			

Seams
S1

Damper:

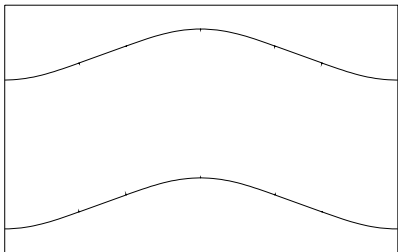
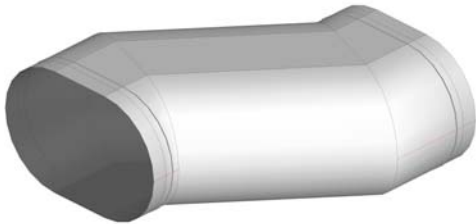
CID: 112

Flat Oval



CID: 113

Flat Oval



Dims	Options	
A=Width	Diameter Type	Nominal
B=Depth	Marker Notches On Easy Flats	No C1
C=Length	Vee Notch Depth	Auto C2
D=Offset	Vee Notch Angle	Auto C3
E=Left Extension		
F=Right Extension		
G=Left Collar		
H=Right Collar		

Seams
S1

Damper:

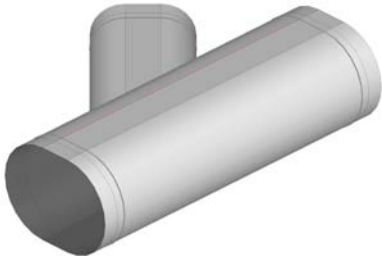
Dims	Options	
A=Width	Seam Position	Bottom
B=Depth	Single Segments	No C1
C=Length	Diameter Type	Nominal C2
D=Offset	Girth Split	1 C3
E=Left Extension		
F=Right Extension		
G=Left Collar		
H=Right Collar		

Seams
S1

Damper:

CID: 114

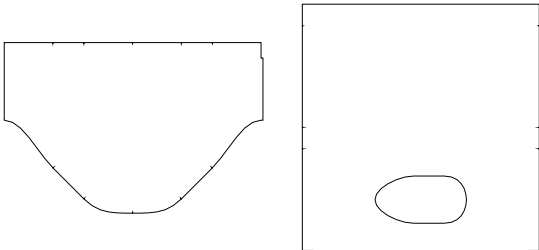
Flat Oval



Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Branch Parts	1 C1
C=Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Branch Diameter Type	Nominal C3
E=Right Extension	Seam Position	0.000
F=Branch Width #1	Branch Allowance To Pipe	0.000
G=Branch Depth #1	True Oval Straight	No
H=Tap Length #1	Hole Adjust	0.000
I=Angle #1		
J=Inset #1		
K=Offset #1		
L=Extension #1		

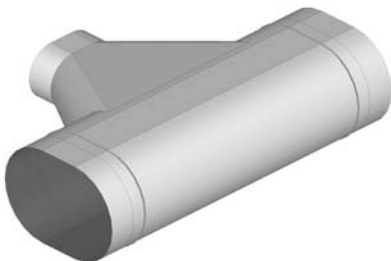
Seams
S1
S2

Damper:



CID: 115

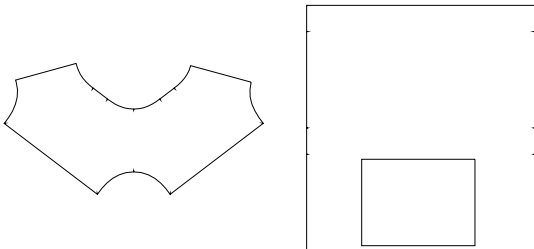
Flat Oval



Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Branch Parts	1 C1
C=Pipe Length	Pipe Seam Position	0.000 C2
D=Left Extension	Pipe Diameter Type	Nominal C3
E=Right Extension	Branch Diameter Type	Nominal
F=Major Axis	Round Allowance To Pipe	0.000
G=Minor Axis	Flat Allowance To Pipe	0.000
H=Tap Length	Hole Adjust	0.000
I=Angle	Add Collars To Body	No
J=Angle		
K=Inset		
L=Collar		

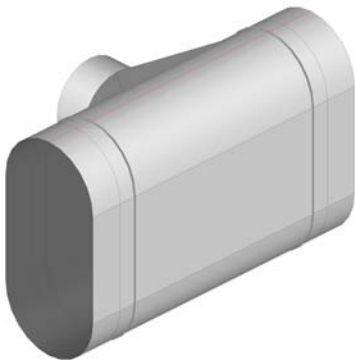
Seams
S1
S2
S3

Damper:



CID: 116

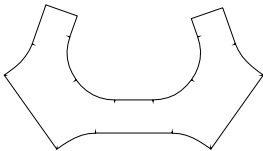
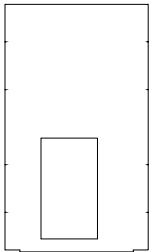
Flat Oval



Dims	Options	
A=Minor Axis	Pipe Parts	1
B=Major Axis	Branch Parts	1
C=Pipe Length	Pipe Seam Position	0.000
D=Left Extension	Pipe Diameter Type	Nominal
E=Right Extension	Branch Diameter Type	Nominal
F=Minor Axis	Round Allowance To Pipe	0.000
G=Major Axis	Flat Allowance To Pipe	0.000
H=Tap Length	Hole Adjust	0.000
I=Angle		
J=Angle		
K=Inset		
L=Collar		

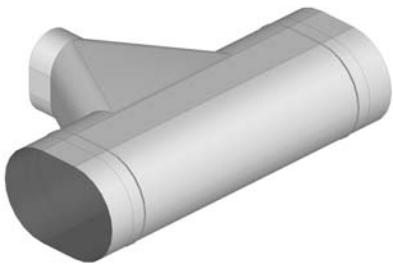
Seams
S1
S2

Damper:



CID: 117

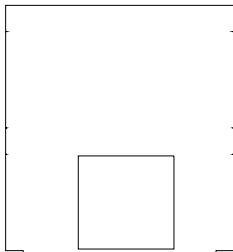
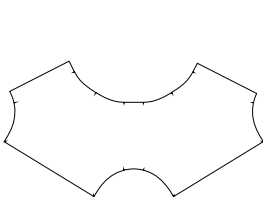
Flat Oval



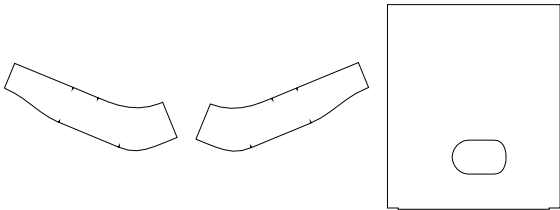
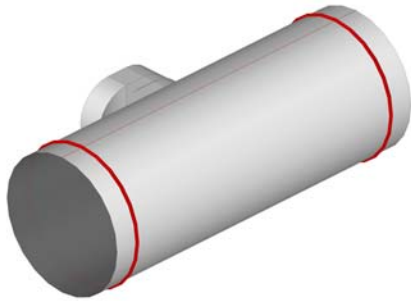
Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Branch Parts	1
C=Pipe Length	Pipe Seam Position	0.000
D=Left Extension	Pipe Diameter Type	Nominal
E=Right Extension	Branch Diameter Type	Nominal
F=Minor Axis	Round Allowance To Pipe	0.000
G=Major Axis	Flat Allowance To Pipe	0.000
H=Tap Length	Hole Adjust	0.000
I=Angle	Add Collars To Body	No
J=Angle		
K=Inset		
L=Collar		

Seams
S1
S2
S3

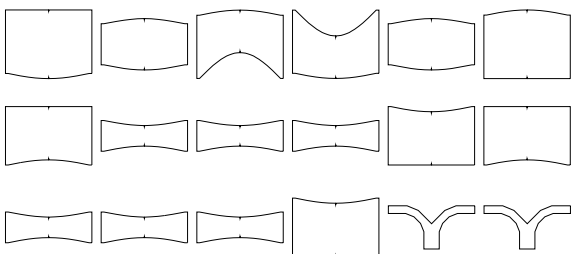
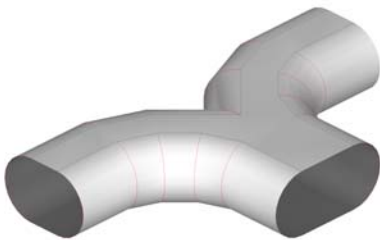
Damper:



Flat Oval



Flat Oval



Dims		Options	
A=Major Axis	Pipe Parts	1	Conn's
B=Minor Axis	Pipe Seam Position	0.000	
C=Pipe Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Hole Adjust	0.000	C3
E=Right Extension	Branch Allowance To Pipe	0.000	
F=Major Axis #1	Branch Diameter Type	Nominal	
G=Minor Axis #1	Branch Parts	2	
H=Tap Length #1	Plate Border	0.000	
I=Angle #1	Plate Type	Rectangular	
J=Inset #1	Sides	Yes	Seams
K=Offset #1	Branch Seam Position	0.000	
L=Rotation #1	Branch Only	No	S2
M=Collar #1	Allow Branches On Flats	No	
	Reducer Seam Position	Corner	Damper:
	Reducer Parts	1	

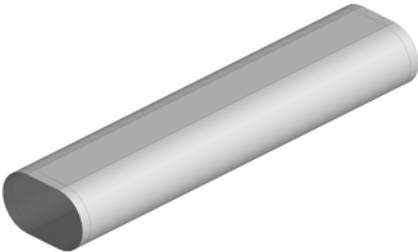
Dims		Options	
A=Btm Width	Diameter Type	Nominal	Conn's
B=Depth	Add Collars To Body	Yes	C1
C=Top Diameter			C2
D=Inner Radius			C3
E=Bottom Extension			C4
F=Left Extension			
G=Right Extension			
H=Bottom Collar			
I=Left Collar			
J=Right Collar			Seams
			S1

Damper:

CID: 120

Flat Oval

Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth	Duct Length	(inch)	C1
C=Length	Area Adjust (%)	0.000	C2
D=Left Extension			
E=Right Extension			



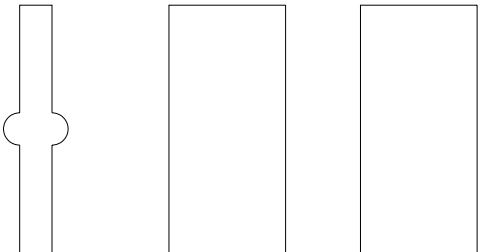
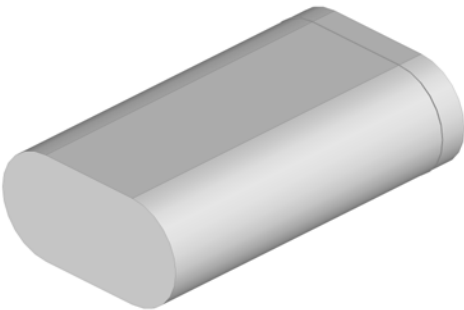
Seams
S1

Damper:

CID: 121

Flat Oval

Dims	Options		
A=Width	Collar	2 Parts	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Turnover	Turnover Allowance	0.000	

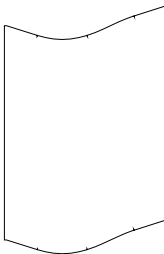
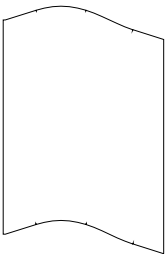
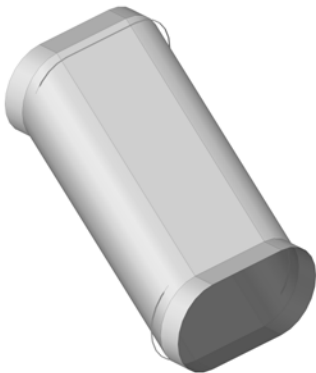


Seams

Damper:

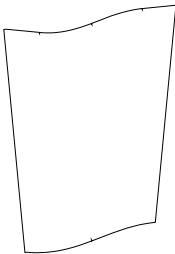
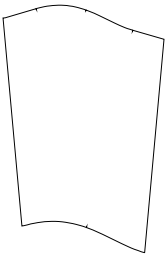
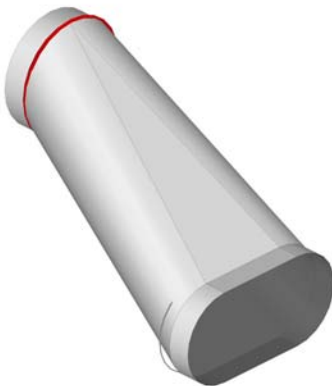
CID: 122

Flat Oval



CID: 123

Round/Flat Oval



Dims		Options	
A=Major Axis		Diameter Type BE	Nominal
B=Minor Axis		Diameter Type SE	Nominal
C=Major Axis		Same Seams On Each Part	No
D=Minor Axis			
E=Length			
F=Offset-Width			
G=Offset-Depth			
H=Collar			
I=Collar			
		Seams	
		S1	

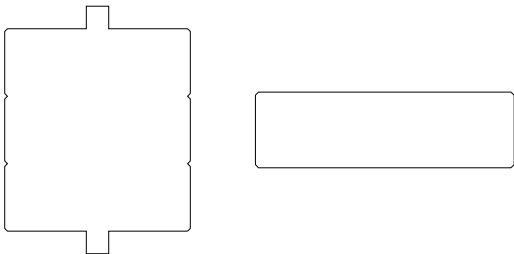
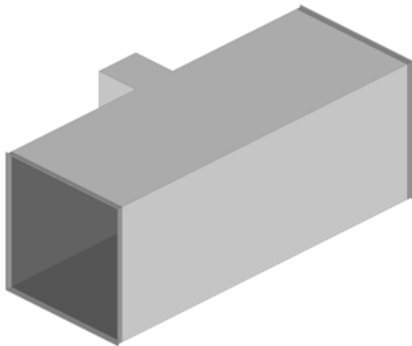
Damper:

Dims		Options	
A=Width		Diameter Type BE	Nominal
B=Depth		Diameter Type SE	Nominal
C=Diameter		Seam Position	Major Axis
D=Length		Inlet	1
E=Offset-Width		Outlet	2
F=Offset-Depth		Same Seams On Each Part	No
G=Oval Collar			
H=Round Collar			
		Seams	
		S1	

Damper:

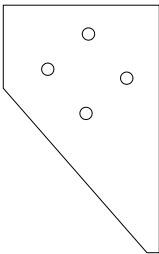
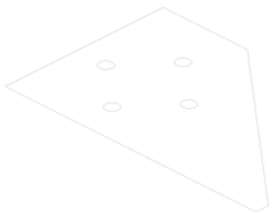
CID: 124

Rectangular



CID: 125

Standard



Dims	Options	
A=Width	3 Parts	No
B=Depth		Conn's
C=Length		C1
D=Width		C2
E=Height		
F=Inset		

Seams
S1

Damper:

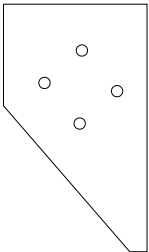
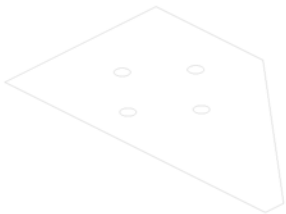
Dims	Options	
A=X-Offset	Holes On Length	2
B=Y-Offset		Conn's
C=X Pitch		
D=Y Pitch		
E=Hole Inset		
F=Hole Spacing		
G=Hole Spacing		
H=Top Width		
I=Right Height		
J=Right Offset		
K=Btm Width		
L=Hole Diameter		
M=Inset		
N=X Distance		
O=Y Distance		

Seams

Damper:

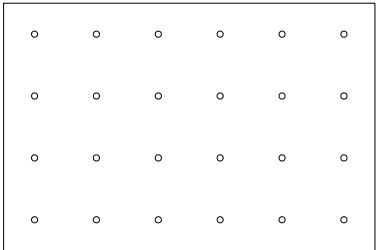
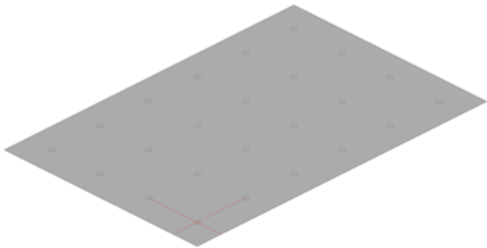
CID: 126

Standard



CID: 127

Standard

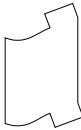
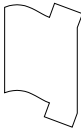
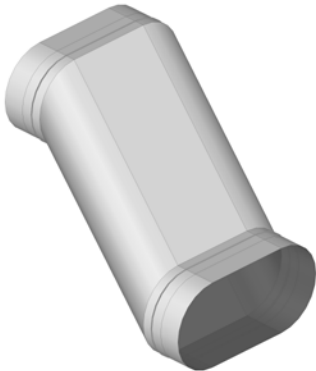


Dims	Options	
A=X-Offset	Holes On Length	2
B=Y-Offset		
C=X Pitch		
D=Y Pitch		
E=Hole Inset		
F=Hole Spacing		
G=Hole Spacing		
H=Top Width		
I=Left Height		
J=Inset		
K=Hole Diameter		
L=Inset		
M=X Distance		
N=Y Distance		
		Seams
		Damper:

Dims	Options	
A=Width	Vee Notch Angle	90
B=Depth	Duct Adjust	0.000 C1
C=X-Offset		
D=Y-Offset		
E=X Distance		
F=Y Distance		
G=Holes On Length		
H=Holes On Height		
I=Hole Diameter		
		Seams
		Damper:

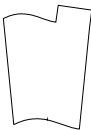
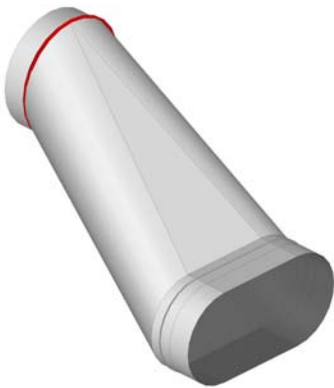
CID: 132

Flat Oval



CID: 133

Round/Flat Oval



Dims		Options	
A=Major Axis	Girth Split	2	Conn's
B=Minor Axis	Diameter Type BE	Nominal	C1
C=Major Axis	Diameter Type SE	Nominal	C2
D=Minor Axis	Collar Arcs - Lap	0.000	
E=Length	Collar Arcs - Allowance	0.000	
F=Offset-Width	Same Seams On Each Part	No	
G=Offset-Depth	Oval Half Collar	Yes	
H=Extension In			
I=Extension Out			
J=Collar			Seams
K=Collar			S1

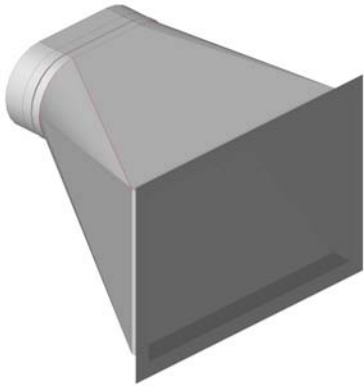
Damper:

Dims		Options	
A=Width	Girth Split	2	Conn's
B=Depth	Diameter Type BE	Nominal	C1
C=Diameter	Diameter Type SE	Nominal	C2
D=Length	Collar Arcs - Lap	0.000	
E=Offset-Width	Collar Arcs - Allowance	0.000	
F=Offset-Depth	Seam Position	Corner	
G=Oval Extension	Inlet	1	
H=Oval Collar	Outlet	2	
I=Round Collar	Same Seams On Each Part	No	
	Oval Half Collar	Yes	Seams
			S1

Damper:

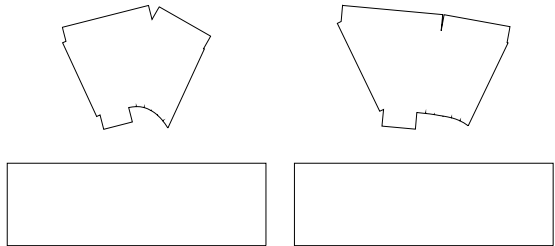
CID: 134

Rectangular/Flat Oval



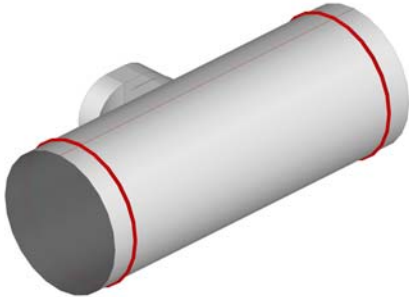
Dims	Options	
A=Width	Girth Split	2 Conn's
B=Depth	Diameter Type	Nominal C1
C=Oval Width	Marker Type	Notch C2
D=Oval Depth	Offset-Width	Left In
E=Length	Offset-Depth	Bottom Up
F=Offset-Width	Seam Position	Corner
G=Offset-Depth	Collar Arcs - Lap	0.000
H=Rect Extension	Collar Arcs - Allowance	0.000
I=Oval Extension	Inlet	1
J=Collar	Outlet	2 Seams
	Same Seams On Each Part	No S1
	Oval Half Collar	Yes

Damper:

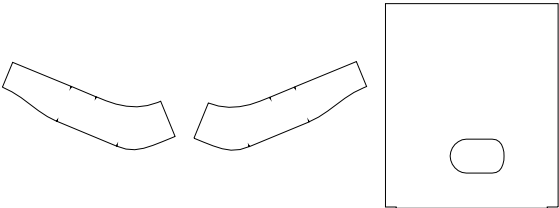


CID: 135

Flat Oval

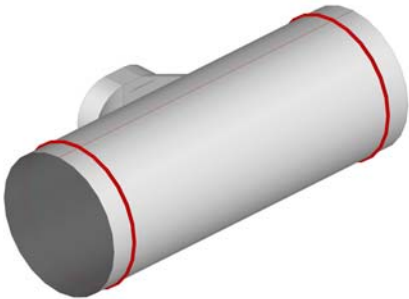


Dims	Options	
A=Major Axis	Pipe Parts	1 Conn's
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000
F=Major Axis #1	Branch Diameter Type	Nominal
G=Minor Axis #1	Branch Parts	2
H=Tap Length #1	Plate Border	0.000
I=Angle #1	Plate Type	Rectangular
J=Inset #1	Branch Seam Position	0.000 Seams
K=Offset #1	Collar Arcs - Lap	0.000 S1
L=Rotation #1	Collar Arcs - Allowance	0.000 S2
M=Collar #1	Branch Only	No
N=Oval Half Extension	Branch Seam Position	All Damper:
	Same Seams On Each Part	No
	Allow Branches On Flats	No
	Reducer Seam Position	Corner
	Reducer Parts	1

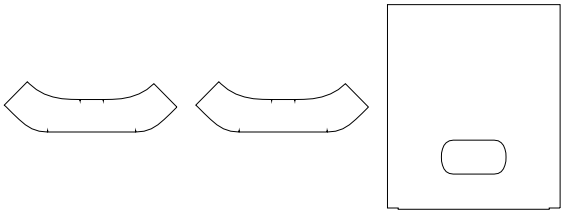


CID: 136

Flat Oval

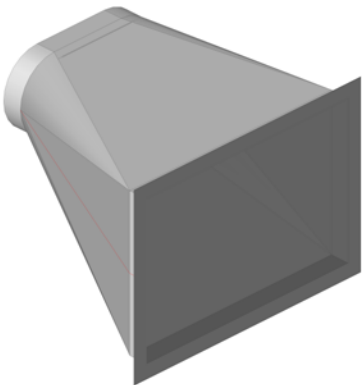


Dims	Options	
A=Major Axis	Pipe Parts	1 Conn's
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000
F=Major Axis #1	Branch Diameter Type	Nominal
G=Minor Axis #1	Branch Parts	2
H=Tap Length #1	Plate Border	0.000
I=Angle #1	Plate Type	Rectangular
J=Inset #1	Branch Seam Position	0.000 Seams
K=Offset #1	Collar Arcs - Lap	0.000 S1
L=Rotation #1	Collar Arcs - Allowance	0.000 S2
M=Collar #1	Branch Only	No
N=Oval Half Extension	Branch Seam Position	All Damper:
	Same Seams On Each Part	No
	Reducer Seam Position	Corner
	Reducer Parts	1

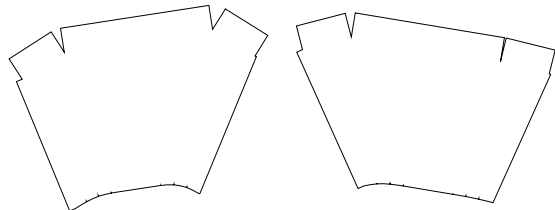


CID: 137

Rectangular/Flat Oval

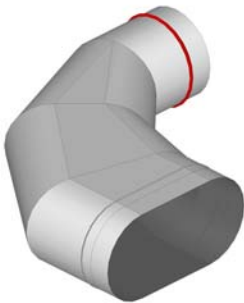


Dims	Options	
A=Width	Girth Split	2 Conn's
B=Depth	Diameter Type	Nominal C1
C=Oval Width	Marker Type	Notch C2
D=Oval Depth	Offset-Width	Left In
E=Length	Offset-Depth	Bottom Up
F=Offset-Width	Seam Position	Depth
G=Offset-Depth	Inlet	1
H=Rect Extension	Outlet	2
I=Collar	Same Seams On Each Part	No
		Seams
		S1
		Damper:



CID: 139

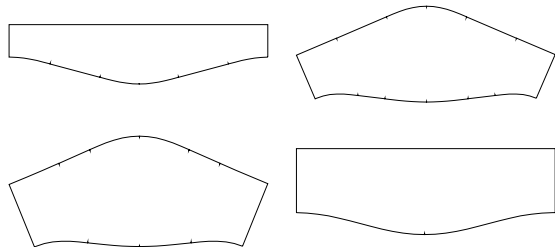
Flat Oval



Dims	Options	
A=Btm Width	Number Of Segments	4
B=Btm Depth	Bottom Diameter Type	Nominal C1
C=Top Width	Top Diameter Type	Nominal C2
D=Top Depth	Seam Position	Throat C3
E=Center Radius	Girth Split	1
F=Angle		
G=Offset		
H=Bottom Extension		
I=Top Extension		

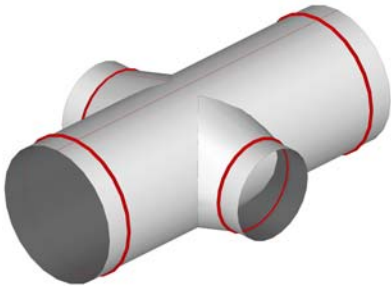
Seams
S1

Damper:



CID: 140

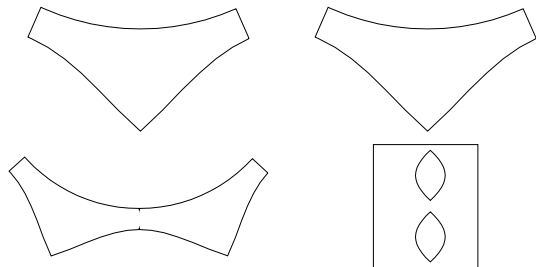
Flat Oval



Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000 C4
F=Branch Width #1	Branch Diameter Type	Nominal
G=Branch Depth #1	Branch Parts	2
H=Tap Length #1	Branch Diameter Type	Nominal
I=Btm Width #1	Branch Parts	1
J=Angle #1	Plate Border	0.000
K=Inset #1	Plate Type	Rectangular S1
L=Offset #1	Branch Seam Position	0.000 S2
M=Rotation #1	Branch Only	No S3
N=Collar #1	Allow Branches On Flats	No
O=Branch Width #2	Input	Angle
P=Branch Depth #2	Reducer Seam Position	Corner
Q=Tap Length #2	Reducer Parts	1
R=Btm Width #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		

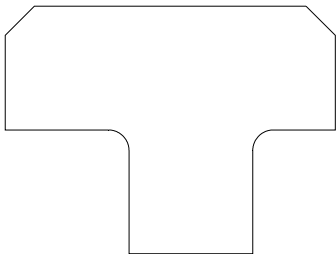
Seams
S1

Damper:



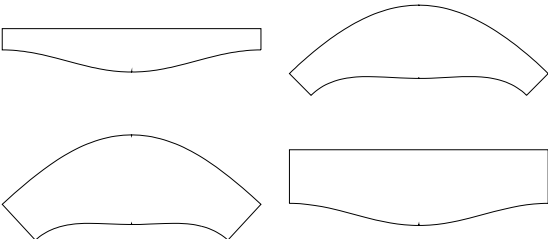
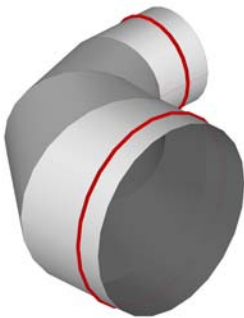
CID: 141

Standard



CID: 142

Round

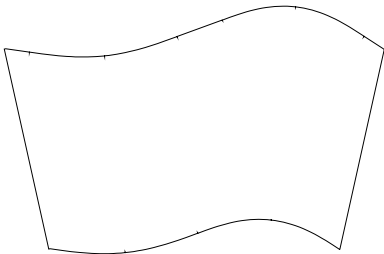
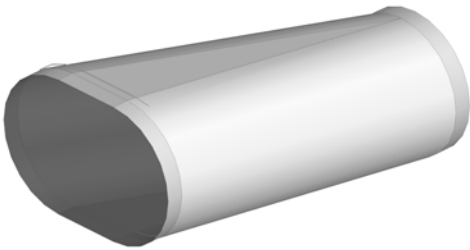


Dims	Options	Conn's
A=Left Width		
B=Btm Width		
C=Right Width		
D=Base Height		
E=Right Height		
F=Hole Inset		
G=Hole Offset		
H=Hole Spacing		
I=Hole Spacing		
J=Hole Diameter		
K=Holes On Length		
L=Holes On Height		
M=Inner Radius		
N=Corner		
		Seams
		Damper:

Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments	4
B=Top Diameter	Seam Position	0.000 C1
C=Center Radius	Girth Split	1 C2
D=Angle	Bottom Diameter Type	Nominal C3
E=Offset	Marker Type	Notch
F=Bottom Extension	Top Diameter Type	Nominal
G=Top Extension	Marker Depth	Default
	Mark Sides	No
	Leg Lengths	No
	Square Outer Insulation	No
	Outer Insulation Extensions	No S1
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Splitter Shape	Angled
	Splitter Type	Partial
	Item Volume	Segmented
		Seams
		Damper:

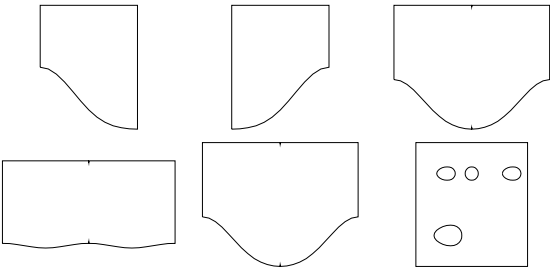
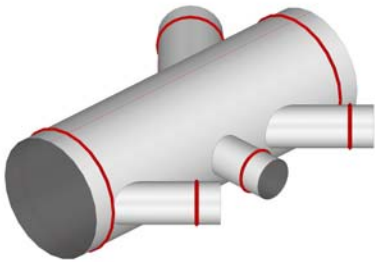
CID: 147

Flat Oval



CID: 148

Round



Dims		Options		Conn's	
A=Width In	Seam Position	Major Axis	1	C1	
B=Depth In	Girth Split				
C=Width Out	Diameter Type In	Nominal		C2	
D=Depth Out	Diameter Type Out	Nominal		C3	
E=Length	Mitred	None			
F=Offset-Width	Offset-Width	Left In			
G=Offset-Depth	Offset-Depth	Bottom Up			
H=Extension In					
I=Extension Out					
J=Collar In					
K=Collar Out					
		Seams		S1	

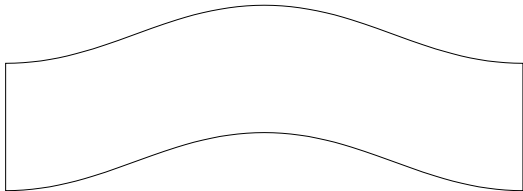
Damper:

Dims		Options		Conn's	
A=Pipe Diameter	Pipe Parts	Flat Allowanc...	1	0.000	C1
B=Pipe Length	First Break	Hole Adjust	0.000	0.000	C2
C=Left Extension	Second Break	Castle Width	0.000	0.000	C3
D=Right Extension	Third Break	Castle Angle	0.000	30.000	C4
E=Tap Diameter #1	Seam Position		0.000		C5
F=Tap Length #1	Pipe Diameter...		Nominal		C6
G=Angle #1	Branch Type	Straight Br...			
H=Inset #1	Branch Diamo...		Nominal		
I=Offset #1	Branch Parts		2		
J=Rotation #1	Branch Type	Straight Br...			
K=Extension #1	Branch Diamo...		Nominal		
L=Tap Diameter #2	Branch Parts		1		
M=Tap Length #2	Branch Type	Straight Br...			
N=Angle #2	Branch Diamo...		Nominal		
O=Inset #2	Branch Parts		1		
P=Offset #2	Branch Type	Straight Br...			
Q=Rotation #2	Branch Diamo...		Nominal		
R=Extension #2	Branch Parts		1		
S=Tap Diameter #3	Diameter Red...		0.000		
T=Tap Length #3	Shoe Seam Po...	Throat			
U=Angle #3	Handle Inline ...	No			
V=Inset #3	Round Allowa...		0.000		
W=Offset #3	Flat Allowanc...		0.000		
X=Rotation #3	Hole Adjust		0.000		
Y=Extension #3	Castle Width		0.000		
Z=Tap Diameter #4	Castle Angle		30.000		
a=Tap Length #4	Round Allowa...		0.000		
b=Angle #4	Flat Allowanc...		0.000		
c=Inset #4	Hole Adjust		0.000		
d=Offset #4	Castle Width		0.000		
e=Rotation #4	Castle Angle		30.000		
f=Extension #4	Round Allowa...		0.000		
g=Tilt Angle	Flat Allowanc...		0.000		
	Hole Adjust		0.000		
	Castle Width		0.000		
	Castle Angle		30.000		
	Round Allowa...		0.000		

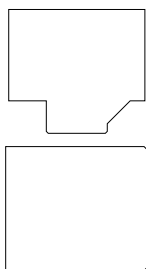
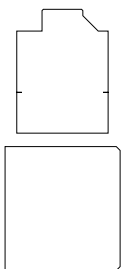
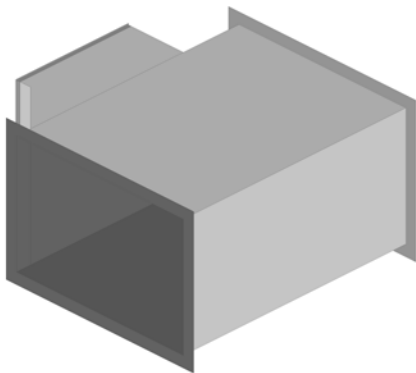
Seams

Damper:

Round



Rectangular



Dims	Options		
A=Diameter	Girth Split	1	Conn's
B=Length	Seam Position	0.000	C1
C=Angle	Vertical	No	C2
D=Body Diameter	Pipework	No	
	Adjust	0.000	
	Include	Yes	
	Right Offset	6.000	
	Left Offset	6.000	
	Develop X Size For Diameter	No	
			Seams
			S1

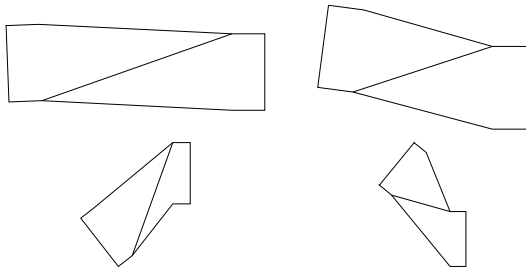
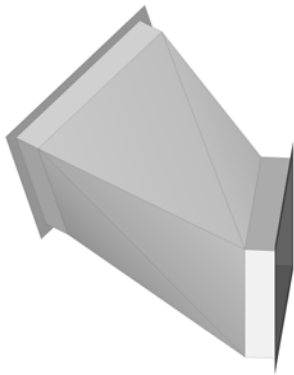
Damper:

Dims	Options		
A=Width	Throat Type	Mitred	Conn's
B=Depth	2 Parts	Yes	C1
C=Length	Vee Depth Male	Auto	C2
D=Branch Width #1	Vee Depth Female	Auto	C3
E=Height #1	Vee Notch Angle	30.000	
F=Extension #1	Connector Fold Notch	Use Default	
G=Inset #1	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Hole Adjust	0.000	
	Connector Fold Notch	Use Default	Seams
	Vee Notch Depth	Auto	S1
	Vee Notch Angle	30.000	

Damper:

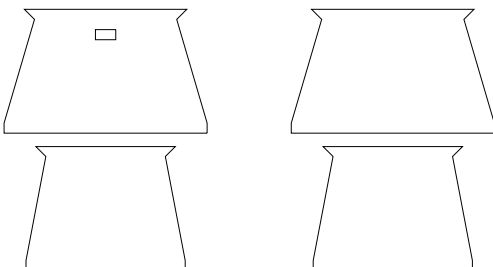
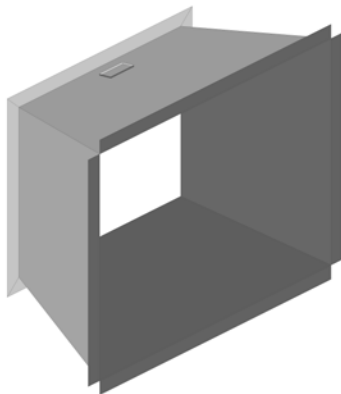
CID: 151

Rectangular



CID: 152

Rectangular



Dims	Options	
A=Width In	Folds	Out Conn's
B=Depth In	Offset-Width	Right In C1
C=Width Out	Offset-Depth	Bottom Up C2
D=Depth Out		
E=Length		
F=Angle		
G=Extension In		
H=Extension Out		
I=Offset-Width		
J=Offset-Depth		Seams
K=Twist Angle		S1

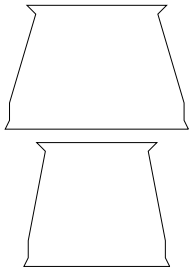
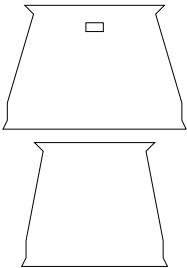
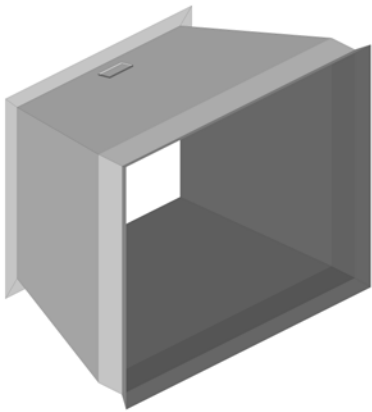
Damper:

Dims		Options	
A=Btm Width	Hole Length	4.000	Conn's
B=Btm Depth	Hole Width	2.000	C1
C=Top Width	X-Offset	0.000	C2
D=Top Depth	Y-Offset	2.000	
E=Height	Break	40.000	
F=Flange	Opposite Hole	No	
G=Turnover			
H=Flange			
I=Turnover			Seams

Damper:

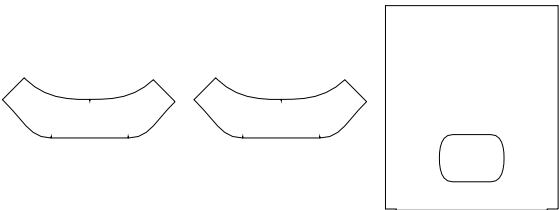
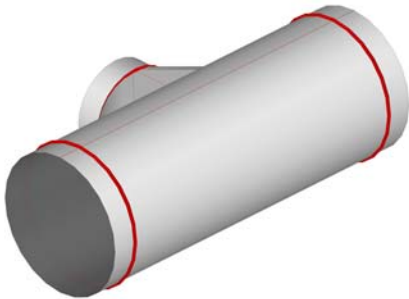
CID: 153

Rectangular



CID: 154

Flat Oval



Dims		Options	
A=Btm Width	Hole Length	4.000	Conn's
B=Btm Depth	Hole Width	2.000	C1
C=Top Width	X-Offset	0.000	C2
D=Top Depth	Y-Offset	2.000	
E=Height	Break	40.000	
F=Turnover	Opposite Hole	No	
G=Turnover			
H=Base Width			
I=Base Depth			
J=Base Height			Seams
K=Extension			
L=Angle			

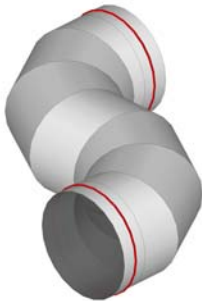
Damper:

Dims		Options	
A=Major Axis	Pipe Parts	1	Conn's
B=Minor Axis	Pipe Seam Position	0.000	C1
C=Pipe Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Hole Adjust	0.000	C3
E=Right Extension	Branch Allowance To Pipe	0.000	
F=Major Axis #1	Branch Diameter Type	Nominal	
G=Minor Axis #1	Branch Parts	2	
H=Tap Length #1	Plate Border	0.000	
I=Angle #1	Plate Type	Rectangular	
J=Inset #1	Branch Seam Position	0.000	Seams
K=Offset #1	Branch Only	No	S1
L=Rotation #1	Reducer Seam Position	Corner	S2
M=Collar #1	Reducer Parts	1	

Damper:

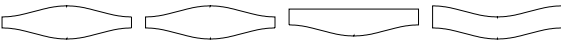
CID: 155

Round



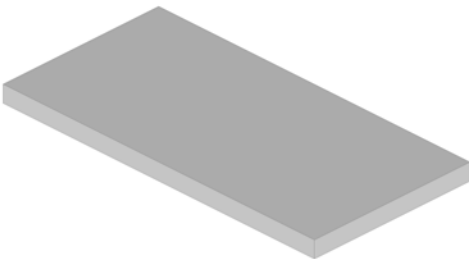
Dims	Options	
A=Diameter	Seam Position	0.000
B=Height	Top Number Of Segments	2 C1
C=Top Radius	Bottom Number Of Segments	2 C2
D=Top Angle	Single Segments	Yes C3
E=Top Extension	Diameter Type	Nominal
F=Bottom Radius	Marker Type	Notch
G=Bottom Angle	Two Bends	No
H=Bottom Extension	Top Number Of Segments	2
I=Twist Angle	Bottom Number Of Segments	2
	Item Pattern Length/Angle	Length
		S1

Damper:



CID: 158

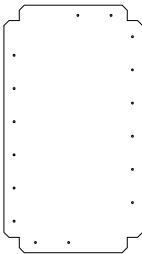
Standard



Dims	Options	
A=Height	Notch 1	Yes
B=Width	Notch 2	Yes
C=Depth	Marker	No
D=Top	Top Holes	2
E=Right	Bottom Holes	2
F=Bottom	Right Holes	2
G=Left	Left Holes	2
H=Hole Inset	Hole Edge	100.000
I=Hole Offset		
J=Hole Inset		
K=Hole Offset		
L=Hole Diameter		
M=Hole Spacing		

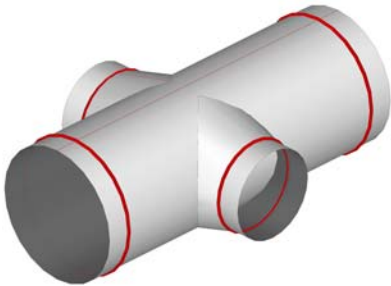
Seams

Damper:

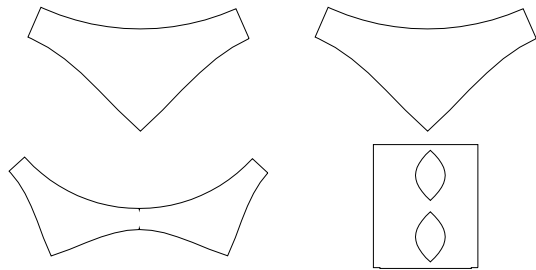


CID: 159

Flat Oval

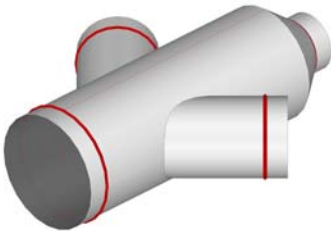


Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Pipe Seam Position	0.000
C=Pipe Length	Pipe Diameter Type	Nominal
D=Left Extension	Hole Adjust	0.000
E=Right Extension	Branch Allowance To Pipe	0.000
F=Branch Width #1	Branch Diameter Type	Nominal
G=Branch Depth #1	Branch Parts	2
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Parts	1
J=Inset #1	Plate Border	0.000
K=Offset #1	Plate Type	Rectangular
L=Rotation #1	Branch Seam Position	0.000
M=Collar #1	Branch Only	No
N=Branch Width #2	Allow Branches On Flats	No
O=Branch Depth #2	Reducer Seam Position	Corner
P=Tap Length #2	Reducer Parts	1
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		

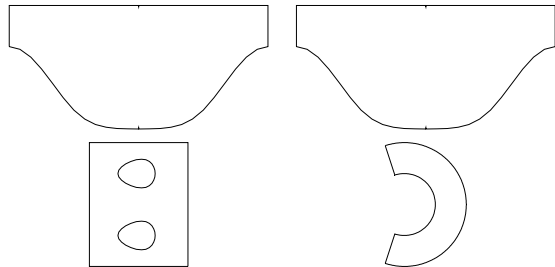


CID: 160

Round

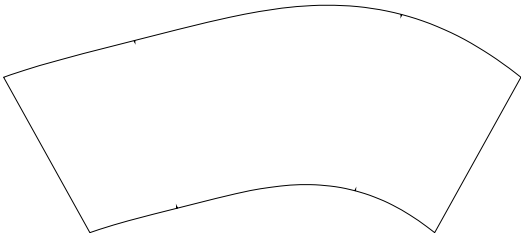
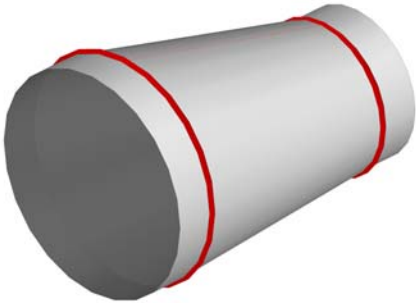


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Right Diameter	Branch Parts	1
C=Pipe Length	First Break	0.000
D=Right Length	Second Break	0.000
E=Left Extension	Third Break	0.000
F=Right Extension	Seam Position	0.000
G=Tap Diameter #1	Pipe Diameter Type	Nominal
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Diameter Type	Nominal
J=Inset #1	Hole Adjust	0.000
K=Offset #1	Branch Allowance To Pipe	0.000
L=Extension #1	Branch Seam Position	0.000
M=Tap Diameter #2	Throat Cut Back (Degrees)	0.000
N=Tap Length #2	Right Diameter Type	Nominal
O=Angle #2	Plate Border (Circumference)	0.000
P=Inset #2	Plate Type	Rectangular
Q=Offset #2	Estimated Diameter %age	Not Used
R=Rotation #2	Cut Back Allowance (%)	0.000
S=Extension #2	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	End Castle Width	0.000
	End Castle Angle	30.000
	Reducer Parts	1
	Seam Position	0.000
	First Break	0.000
	Second Break	0.000
	Third Break	0.000



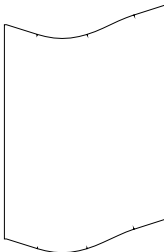
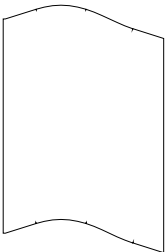
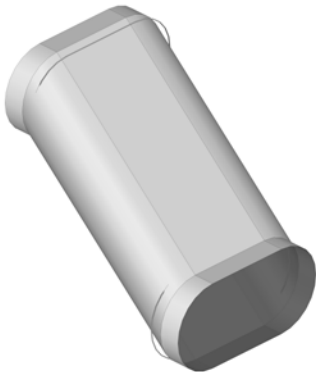
CID: 162

Round/Fabrication



CID: 163

Flat Oval

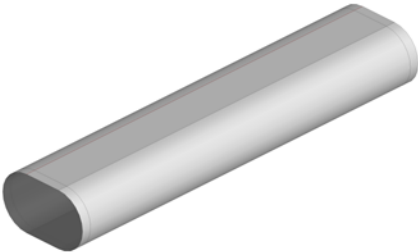


Dims		Options	
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	C1
C=Length	Girth Split	1	C2
D=Y-Offset	Seam Position	0.000	
E=X-Offset	Length Break	1	
F=Left Extension	Estimated Diameter %age	Not Used	
G=Right Extension	Marker Type	Notch	
H=Round Angle	Length Includes Extensions	No	
	Graining Angle	90.000	
			Seams
			S1
			Damper:
			None
			None

Dims		Options	
A=Major Axis	Girth Split	2	Conn's
B=Minor Axis	Diameter Type BE	Nominal	C1
C=Major Axis	Diameter Type SE	Nominal	C2
D=Minor Axis	Seam Position	Major Axis	
E=Length	Same Seams On Each Part	No	
F=Offset-Width			
G=Offset-Depth			
H=Collar			
I=Collar			
			Seams
			S1
			Damper:

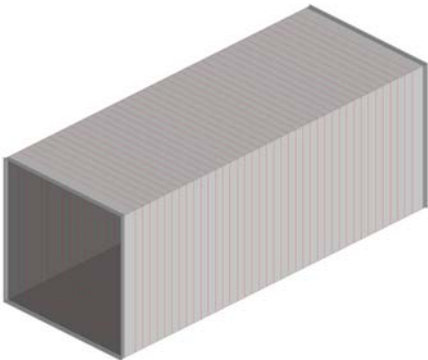
CID: 165

Flat Oval



CID: 166

Rectangular



Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth	Duct Length	(inch)	C1
C=Length	Area Adjust (%)	0.000	C2
D=Left Extension			
E=Right Extension			

Seams
S1

Damper:

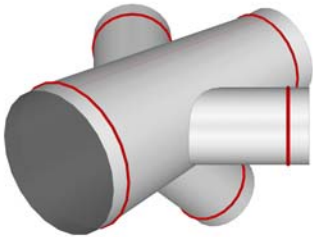
Dims	Options		
A=Width	Lines	Auto	Conn's
B=Depth	Lines	10.000	C1
C=Length	Develop	No	C2
D=Extension			

Seams

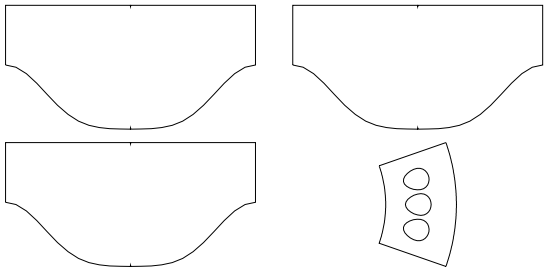
Damper:

CID: 169

Round

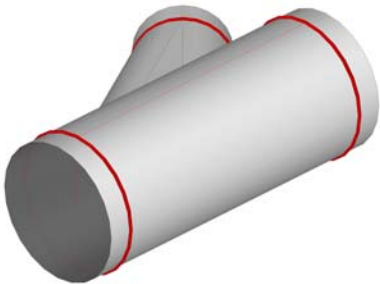


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Diameter	Branch Parts	1 C1
C=Pipe Length	First Break	0.000 C2
D=Left Extension	Second Break	0.000 C3
E=Right Extension	Third Break	0.000 C4
F=Tap Diameter #1	Seam Position	0.000 C5
G=Tap Length #1	Diameter Type BE	Nominal
H=Angle #1	Diameter Type SE	Nominal
I=Inset #1	Branch Diameter Type	Nominal
J=Offset #1	Branch Diameter Type	Nominal
K=Rotation #1	Branch Diameter Type	Nominal
L=Extension #1	Hole Adjust	0.000 S1
M=Tap Diameter #2	Branch Allowance To Pipe	0.000 S2
N=Tap Length #2	Branch Seam Position	0.000 S3
O=Angle #2	Throat Cut Back (Degrees)	0.000 Damper:
P=Inset #2	Estimated Diameter %age	Not Used None
Q=Offset #2	Cut Back Allowance (%)	0.000 None
R=Rotation #2	End Castle Width	0.000 None
S=Extension #2	End Castle Angle	30.000 None
T=Tap Diameter #3		
U=Tap Length #3		
V=Angle #3		
W=Inset #3		
X=Offset #3		
Y=Rotation #3		
Z=Extension #3		



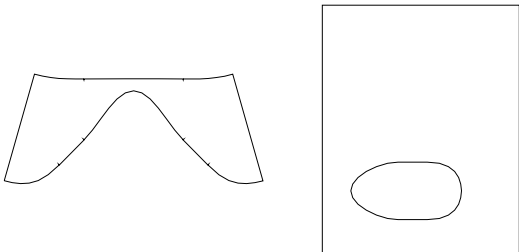
CID: 170

Round

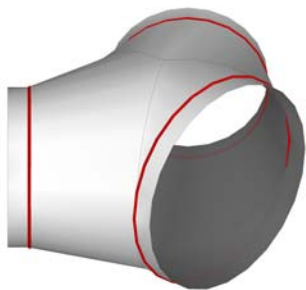


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Left Extension	Branch Parts	1 C1
C=Right Extension	Seam Position	0.000 C2
D=Tap Diameter	Seam Position	Throat C3
E=Tap Length	Pipe Diameter Type	Nominal
F=Inset	Branch Diameter Type	Nominal
G=Length In	Branch Allowance To Pipe	0.000
H=Length Out	Hole Adjust	0.000
I=Angle	Diameter Reduction	0.000
J=Collar	Plate Border (Width)	0.000
	Plate Border (Depth)	Equal S1
	Plate Type	Rectangular S2

Damper:



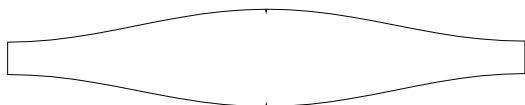
Round



Dims		Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Btm Length	Left Diameter Type	Nominal	C1
C=Left Diameter	Right Diameter Type	Nominal	C2
D=Left Length	Seam Position	Top	C3
E=Left Angle			C4
F=Right Diameter			
G=Right Length			
H=Right Ang			
I=Height			
J=Base Height			Seams
K=Bottom Extension			S1
L=Left Collar			
M=Right Collar			
			Damper:

Damper:

Round



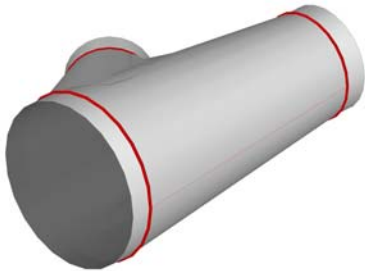
Dims	Options		
A=Diameter	Girth Split	1	Conn's
B=Top Diameter	Seam Position	0.000	C1
C=Radius	Diameter Type	Nominal	C2
D=Angle	Diameter	End	

Seams

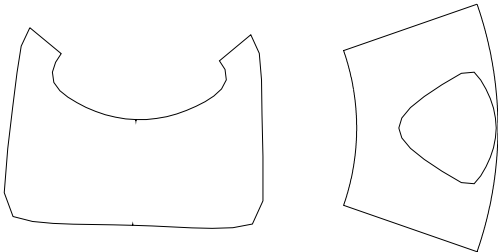
Damper:

CID: 173

Round

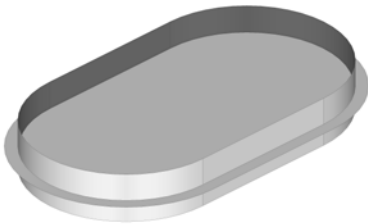


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	
C=Pipe Length	First Break	0.000	C2
D=Left Extension	Second Break	0.000	C3
E=Right Extension	Third Break	0.000	
F=Tap Diameter #1	Seam Position	270.000	
G=Tap Length #1	Diameter Type BE	Nominal	
H=Angle #1	Diameter Type SE	Nominal	
I=Inset #1	Branch Diameter Type	Nominal	
J=Extension #1	Hole Adjust	0.000	Seams
	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	S2
	Throat Cut Back (Degrees)	0.000	
	Estimated Diameter %age	Not Used	Damper:
	Cut Back Allowance (%)	0.000	
	End Castle Width	0.000	
	End Castle Angle	30.000	



CID: 182

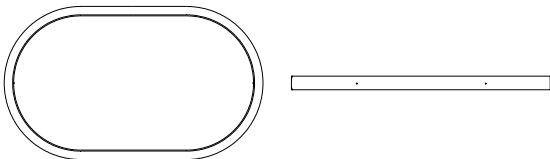
Round/Flat Oval



Dims		Options	
A=Diameter	Diameter Type	Nominal	Conn's
B=Depth	Adjustment	0.200	
C=Flange	Vee Notch Depth	0.120	
D=Collar	Vee Notch Angle	10.000	
E=Gaps	Collar Marker Notches	No	
F=Hole #1	Collar Seam Position	Major Axis	
G=Hole #2			
H=Hole Inset			

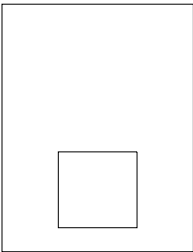
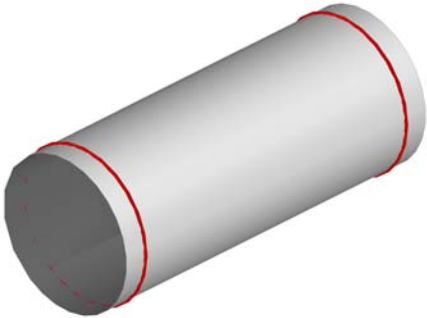
Seams
S1

Damper:



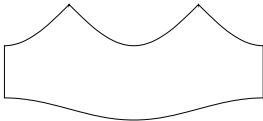
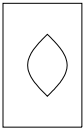
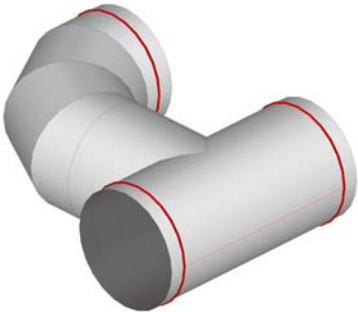
CID: 183

Round



CID: 184

Round

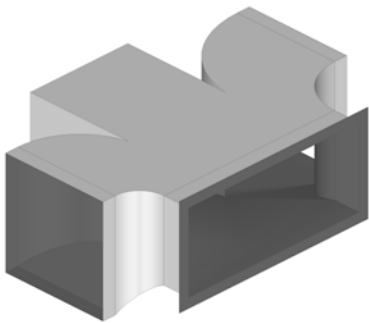


Dims		Options	
A=Diameter	Seam Position	0.000	Conn's
B=Length	Pipe Parts	1	C1
C=Left Extension	Pipe Diameter Type	Nominal	C2
D=Right Extension	Lap	0.000	
E=Center Length	Vee Notch Angle	20.000	
F=Center Depth	Vee Notch Depth	0.000	
G=Inset	Use Vee Notch	Yes	
H=Angle	Separate Cut Out	Yes	
	Cut Out	1	
	Seam Position	270.000	Seams
			S1
			S2
			S3
			Damper:

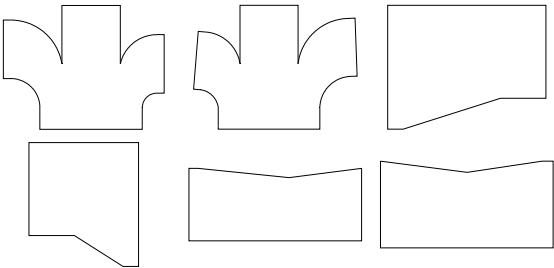
Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Pipe Seam Position	270.000	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	C3
E=Diameter	Second Break	0.000	C4
F=Center Radius	Third Break	0.000	
G=Angle	Branch Diameter Type	Nominal	
H=Inset #1	Branch Seam Position	0.000	
I=Height	Girth Split	1	
J=Twist Angle	Number Of Segments	4	Seams
K=Top Extension	Single Segments	Yes	S1
	Nest Break Start Segment	0	S2
	Nest Break End Segment	0	
	Marker Type	Notch	Damper:
	Hole Adjust	0.000	
	Notch Angle For Seam	0	
	Stitch Gap	0.000	
	Number Of Stitches	4	
	Branch Allowance To Pipe	0.000	
	Angle Tolerance	0.000	

CID: 185

Rectangular

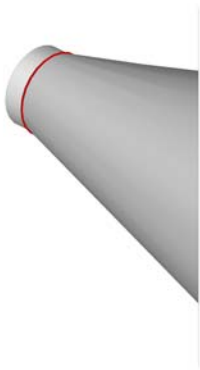


Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Btm Depth	Left Throat Type	Radius C1
C=Top Width	Vee Depth Male	Auto C2
D=Top Depth	Vee Depth Female	Auto C3
E=Right Width	Vee Angle Male	30 C4
F=Right Depth	Vee Angle Female	30
G=Left Width	Right Heel Type	Radius
H=Left Depth	Left Heel Type	Radius
I=Top Offset	Junction Notch	Use Default
J=Right Offset	Vee Notch Angle	20.000 Seams
K=Left Offset	2 Part Wrapper	No S1
L=Height	Right Folds	End Point
M=Right Height	Left Folds	End Point
N=Left Height	Top Right	Straight Damper:
O=Right Radius	Top Left	Straight
P=Left Radius	Separate Mid Cheeks	No
Q=Right Ang		
R=Left Angle		
S=Btm Right Extension		
T=Btm Left Extension		
U=Right Extension		
V=Left Extension		
W=Top Inset		
X=Top Extension		

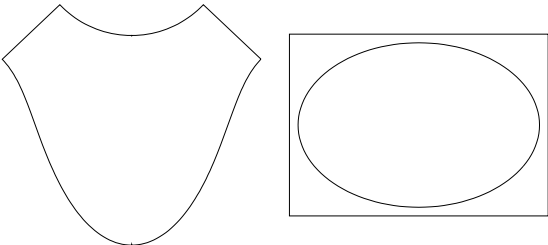


CID: 186

Round



Dims	Options	
A=Bottom Diameter	Diameter Type	Nominal Conn's
B=Top Diameter	Girth Split	1 C1
C=Length	Seam Position	0.000 C2
D=Collar	Hole Adjust	0.000
E=Slope Angle	Turnover	0.000
F=Border	Type	None
G=Cone Angle		

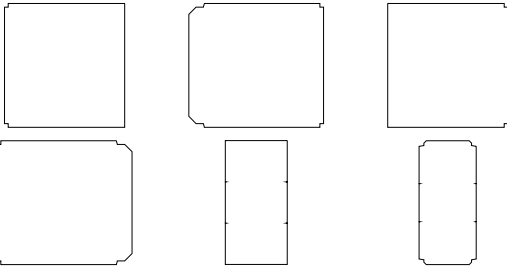
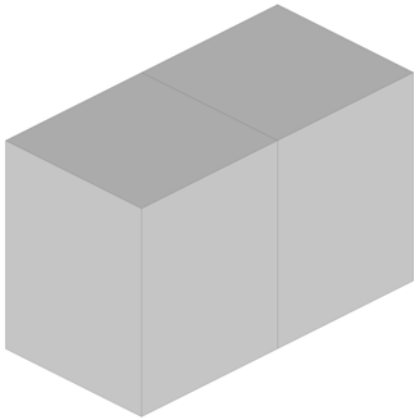


Seams
S1

Damper:
None

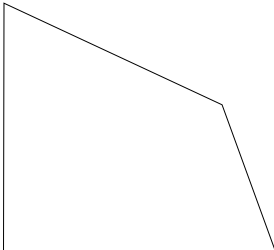
CID: 189

Rectangular



CID: 202

Standard



Dims	Options	
A=Left Width	Six Parts Left Lap	None Conn's
B=Right Width	Six Parts Right Lap	None C1
C=Depth	Clip Holes	No C2
D=Length	Alternate Weathering	No C3
E=Angle	Holes CAD Nodes	No
F=Six Parts Left Height	Ensure Center Closed	No
G=Six Parts Right Height		

Seams
S1
S2

Damper:

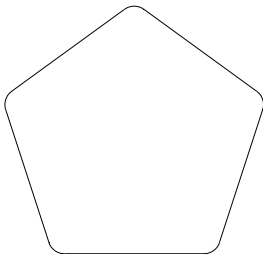
Dims	Options	
A=Length A		Conn's
B=Length B		
C=Length C		
D=Angle A-B		
E=Angle B-C		

Seams

Damper:

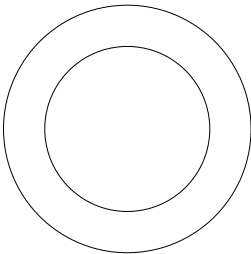
CID: 203

Standard



CID: 204

Standard



Dims	Options	Conn's
A=Length		
B=Radius		
C=Sides		

Seams

Damper:

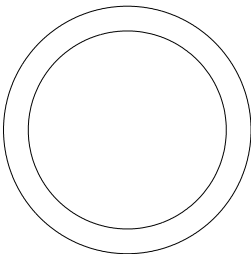
Dims	Options	Conn's
A=Outer Diameter	Number Of Parts	1
B=Inner Diameter	Parts To Cut	All
	Seam For Weathering	No
	Fixing Holes On Extension	0.000
	Notch Angle For Seam	Arc

Seams
S1

Damper:

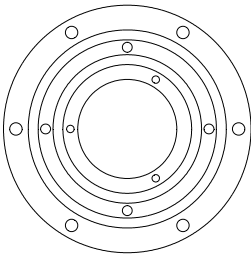
CID: 205

Standard



CID: 206

Standard



Dims	Options	
A=Outside Diameter (OD)	Parts	1
B=Inside Diameter (ID)	Conn's	

Seams
S1

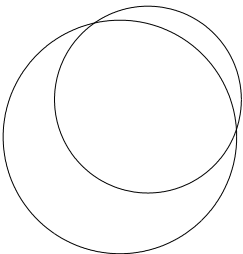
Damper:

Dims	Options	
A=Outside Diameter (OD)	Parts	Conn's
B=Hole Diameter		
C=Angle		
D=Inside Diameter (ID)		
E=Outside Diameter (OD)		
F=Hole Diameter		
G=Angle		
H=Inside Diameter (ID)		
I=Outside Diameter (OD)		
J=Hole Diameter		
K=Angle		
L=Inside Diameter (ID)		
Seams		

Damper:

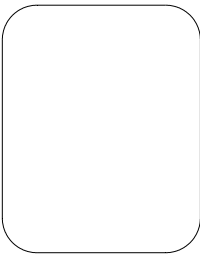
CID: 207

Standard



CID: 208

Standard



Dims	Options	Conn's
A=Outside Diameter (OD) B=Inside Diameter (ID) C=X-Offset D=Y-Offset		

Dims	Options	Conn's
A=Height B=Width C=Radius		

Seams
S1

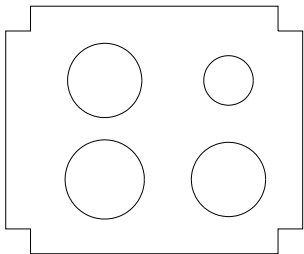
Damper:

Seams

Damper:

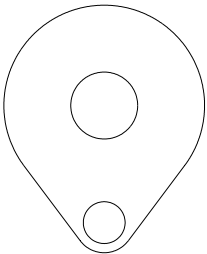
CID: 209

Standard



CID: 210

Standard



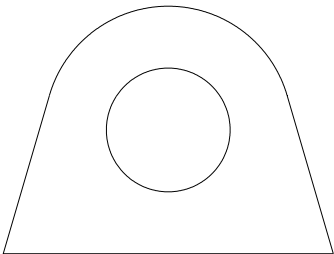
Dims	Options	Conn's
A=Height		
B=Width		
C=Turnover		
D=Diameter		
E=X-Offset		
F=Y-Offset		
G=Diameter		
H=X-Offset		
I=Y-Offset		
J=Diameter		Seams
K=X-Offset		
L=Y-Offset		
M=Diameter		
N=X-Offset		
O=Y-Offset		Damper:

Dims	Options	Conn's
A=Top Diameter		
B=Bottom Diameter		
C=Hole Diameter		
D=Hole Diameter		
E=Y Distance		
		Seams
		Damper:

CID: 211

Standard

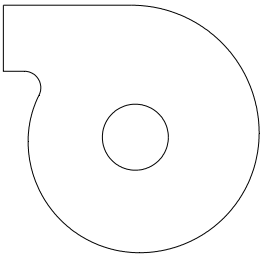
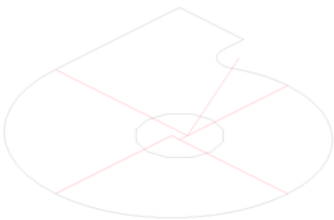
Dims	Options	Conn's
A=Height		
B=Width		
C=Radius		
D=Hole Radius		



CID: 212

Standard

Dims	Options	Conn's
A=Height	Wrapper Length Adjust	0.000
B=Throat Radius	Mirror	No
C=Length Out		
D=Width Out		
E=Center Radius		
F=Fixing Radius		
G=Radius Decrement		
H=Fixing Hole Diameter		
I=Number Of Holes		
J=Wrapper Depth		



Seams

Damper:

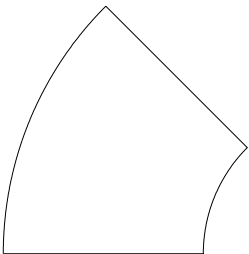
Seams

Damper:

CID: 213

Standard

Dims	Options	Conn's
A=Inner Radius B=Angle C=Length		



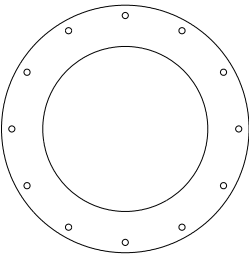
Seams

Damper:

CID: 215

Standard

Dims	Options	Conn's
A=Outer Diameter B=Inner Diameter C=Fixing Diameter D=Hole Diameter E=Number Of Holes F=Hole Length	Number Of Parts	1

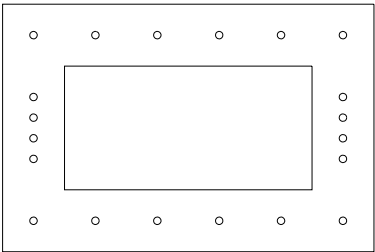
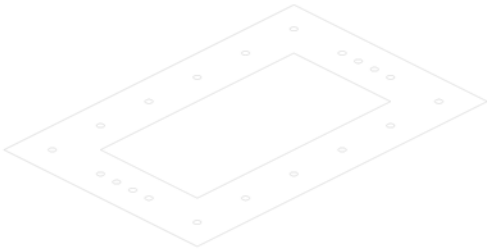


Seams

Damper:

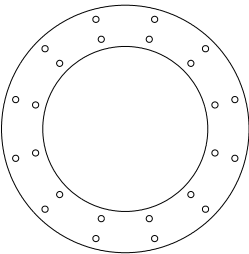
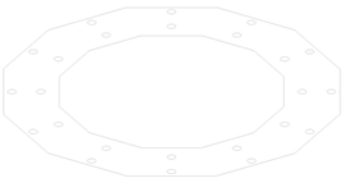
CID: 216

Standard



CID: 218

Standard



Dims	Options	
A=Length	Holes On Length	6
B=Height	Holes On Height	6
C=Length	Hole Diameter	0.480
D=Height	Cut Corner Holes ?	Yes
E=X-Offset	2 Parts	No
F=Y-Offset		
G=X Distance		
H=Y Distance		
I=X-Offset		
J=Y-Offset		
K=Outside Corner Radius		

Conn's

Seams

Damper:

Dims	Options	
A=Outer Diameter		
B=Inner Diameter		
C=Fixing Diameter		
D=Hole Diameter		
E=Number Of Holes		
F=Hole Angle		
G=Fixing Diameter		
H=Hole Diameter		
I=Number Of Holes		
J=Hole Angle		
K=Hole Length		
L=Hole Length		

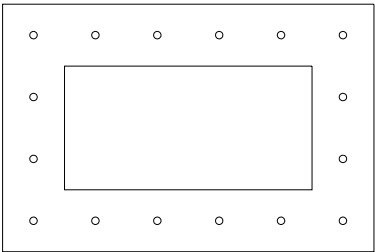
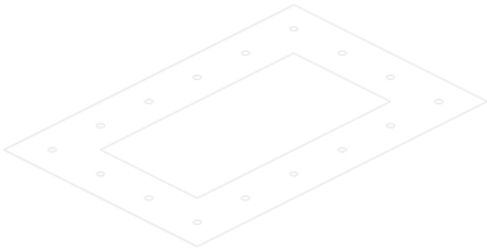
Conn's

Seams

Damper:

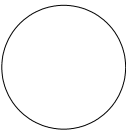
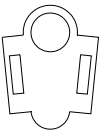
CID: 220

Standard



CID: 221

Standard



Dims	Options		
A=Length	Hole Diameter	0.480	Conn's
B=Height	Cut Corner Holes ?	Yes	
C=Length	2 Parts	No	Seams
D=Height			
E=X-Offset			
F=Y-Offset			
G=X Distance			
H=Y Distance			
I=X-Offset			
J=Y-Offset			
K=Outside Corner Radius			

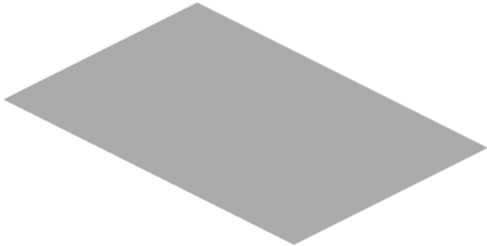
Damper:

Dims	Options		
A=Height	Slotted Hole	Yes	Conn's
B=Y-Offset	Hole Diameter	0.000	
C=Top Radius	Slotted Hole	0	Seams
D=Top Hole Diameter	Hole Spacing	0.000	
E=Bottom Radius	Adjust	0.000	
F=Bottom Hole Diameter			
G=Depth			
H=Plate Diameter #1			
I=P.C.D. #1			
J=Hole Diameter #1			
K=Number Of Holes #1			
L=Turnover			
M=Number Of Bolts #2			
N=Bolt Diameter #2			
O=Body Inset #2			
P=Hole Inset #2			
Q=Plate Border			

Damper:

CID: 222

Rectangular



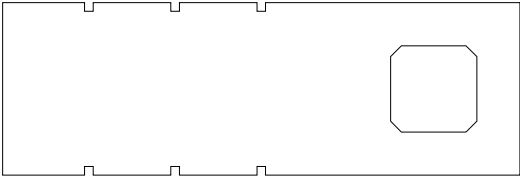
Dims	Options	
A=Width	Notch	Conn's
B=Depth	Notch	C1
	Notch	
	Notch	
	Use First For All	No

Seams

Damper:

CID: 228

Standard



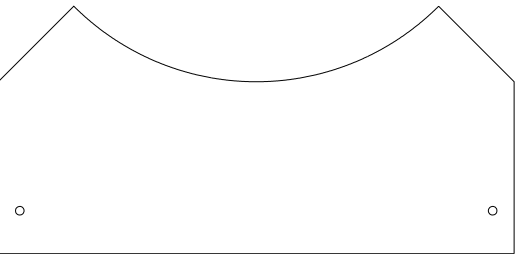
Dims	Options	
A=Width	Notch	Conn's
B=Length #1	Notch	
C=Length #2	Notch	
D=Length #3	Notch	
E=Length #4	Use First For All	No
F=Hole Inset	Width	0.800
G=Hole Offset	Depth	0.800
H=Hole Width	Vee Notch Angle	45.000
I=Hole Length	Cut Corner Holes ?	1.000

Seams

Damper:

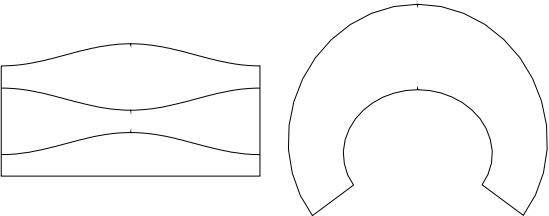
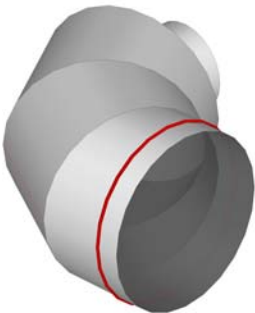
CID: 230

Standard



CID: 231

Round



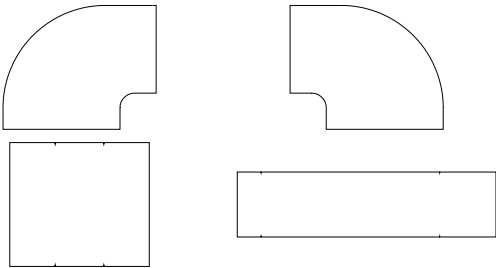
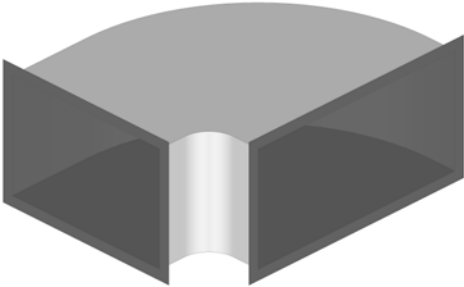
Dims	Options	Conn's
A=Width		
B=Height		
C=End Height		
D=Center Radius		
E=Hole Diameter #1		
F=X-Offset #1		
G=Y-Offset #1		
H=Fixing Radius #2		
I=Number Of Holes #2		
J=Hole Diameter #2		
K=Hole Angle #2		
		Seams

Damper:

Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments	4
B=Top Diameter	Seam Position	0.000 C1
C=Inner Radius	Girth Split	1 C2
D=Angle	Single Segments	No C3
E=Bottom Extension	Bottom Diameter Type	Nominal
F=Top Extension	Automatic Nest Split If Oversize	No
G=Extension	Notch Angle For Seam	0
	Nest Break Start Segment	0
	Nest Break End Segment	0
	Marker Type	Notch
	Top Diameter Type	Nominal S1
	Marker Depth	Default
	Mark Sides	No
	Leg Lengths	No
	Fixing Holes On Extension	Yes
	Square Outer Insulation	No
	Outer Insulation Extensions	No
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Splitter Shape	Angled
	Splitter Type	Partial
	Item Volume	Segmented
		Damper:
		None
		None
		Seams

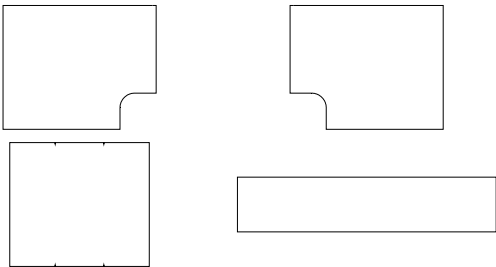
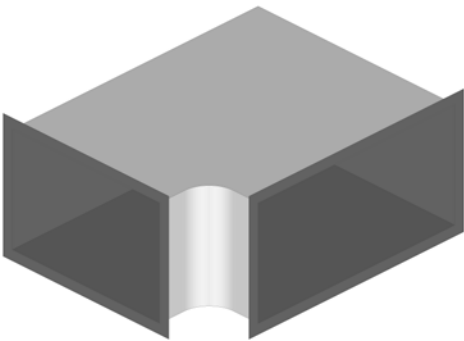
CID: 250

Rectangular



CID: 251

Rectangular

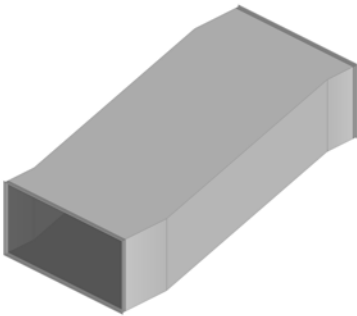


Dims	Options	
A=Top Width	Throat Type	Radius
B=Depth	Length Adjust For Part 4	0.000 C1
C=Btm Width	Length Adjust For Part 3	0.000 C2
D=Angle	Vee Depth Male	Auto
E=Top Inner Extension	Vee Depth Female	Auto
F=Bottom Extension	Vee Angle Male	30
G=Inner Radius	Vee Angle Female	30
	Auto Oversize	Normal
	Seam Number For Throat	
	Leg Lengths	No
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same
	Draw Custom Insulation	No

Dims	Options	
A=Top Width	Throat Type	Radius
B=Depth	Length Adjust For Part 4	0.000 C1
C=Btm Width	Length Adjust For Part 3	0.000 C2
D=Top Inner Extension	Vee Depth Male	Auto
E=Bottom Extension	Vee Depth Female	Auto
F=Inner Radius	Vee Angle Male	30
	Vee Angle Female	30
	3 Parts	No
	Auto Oversize	Normal
	Seam Number For Throat	
	Leg Lengths	No
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same
	Draw Custom Insulation	No

CID: 252

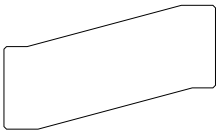
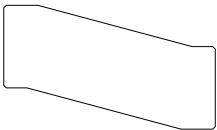
Rectangular



Dims	Options	
A=Width	Vee Depth Male	Auto
B=Depth	Vee Depth Female	Auto
C=Length	Vee Notch Angle	30.000
D=Left Extension	Seam Cut Back	0.000
E=Right Extension	Allow Central Tie Rods	No
F=Offset-Width	Insulation Parts	Same
G=Angle	Split Mitre	No
H=Left Extension		
I=Right Extension		

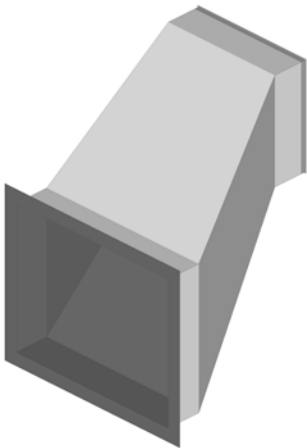
Seams
S1

Damper:
None
None



CID: 253

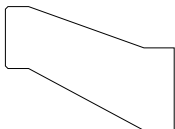
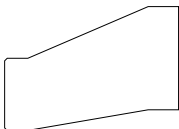
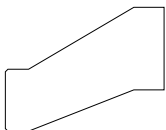
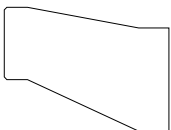
Rectangular



Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used
	Offset-Width	Left Out
	Offset-Depth	Top Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

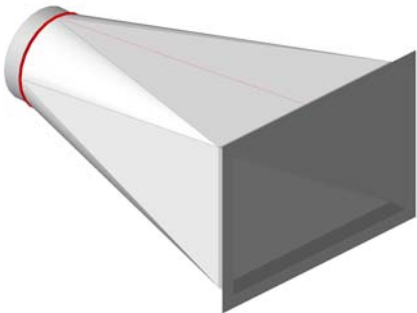
Seams
S1

Damper:

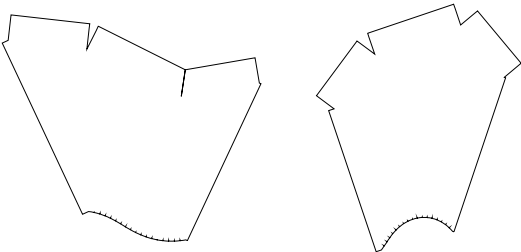


CID: 254

Rectangular/Round

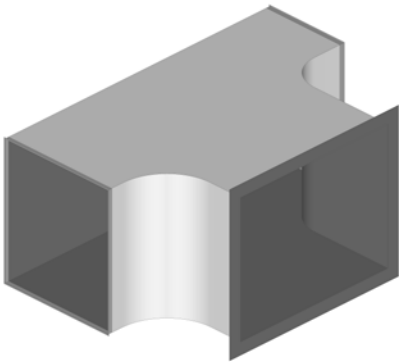


Dims	Options	
A=Width	Girth Split	2 Conn's
B=Depth	Length Break	1 C1
C=Diameter	Diameter Type	Nominal C2
D=Length	Seam Position	Width
E=Offset-Width	Marker Type	Notch
F=Offset-Depth	Estimated Diameter %age	Not Used
G=Extension	Input	Length
H=Collar	Offset-Width	Left In
I=Corner Radius	Offset-Depth	Bottom Up
J=Slope Angle	Inlet	1 Seams
	Outlet	2 S1
	Maximum Angle	180.000
	Fold Notch Depth	Full Allowance
	V Notch Rectangular Extension	No
	Seam Cut Back	None Damper:
	Cut Back Allowance (%)	50.000 None
	2 Parts 90 Degrees Seam	No



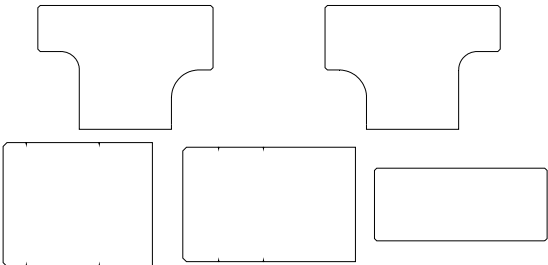
CID: 255

Rectangular



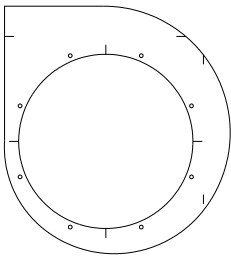
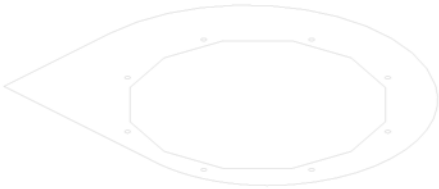
Dims	Options	
A=Btm Width	Throat Type	Radius Conn's
B=Depth	3 Parts	No C1
C=Left Width	Vee Depth Male	Auto C2
D=Right Width	Vee Depth Female	Auto C3
E=Right Radius	Vee Notch Angle	30.000
F=Left Radius	Estimated Width Out %age	Not Used
G=Btm Left Extension	Hole Diameter	0.500
H=Right Extension	Hole Spacing	2.000
I=Left Extension	Splitters	No
J=Splitter Distance	Inlet	1 Seams
	Outlet	2 S1
	Insulation Parts	Same

Damper:



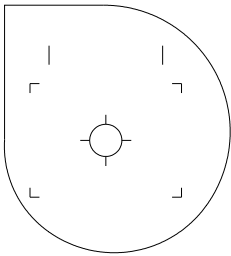
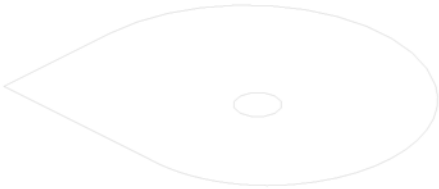
CID: 301

Standard



CID: 302

Standard



Dims	Options	
A=X Center	Mirror	No
B=B	Scribe Centers	Yes
C=Y Center	Scribe Stiffeners	Yes
D=D	Scribe Lugs	Yes
E=Diameter	Number Of Holes	8
F=Y Stiffener	Hole Diameter	0.400
G=X Stiffener		
H=J		
I=K		
J=L		
K=M		
L=N		
M=P		
N=P.C.D.		
O=Rotation		

Seams

Damper:

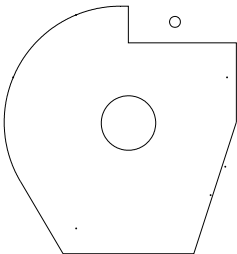
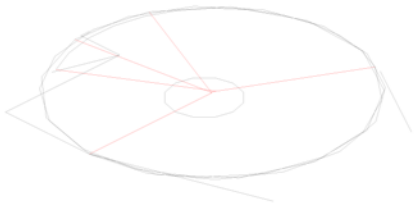
Dims	Options	
A=X Center	Mirror	No
B=B	Scribe Centers	Yes
C=Y Center	Scribe Stiffeners	Yes
D=D	Scribe Lugs	Yes
E=Diameter	Lugs X Center	-6.000
F=X Stiffener	Lugs Y Center	10.000
G=Y Stiffener	Lugs X Center	6.000
H=J	Lugs Y Center	10.000
I=K	Lugs Length	2.000
J=L	Stiffeners X Size	16.000
K=M	Stiffeners X Size	12.000
L=N		
M=P		
N=Rotation		

Seams

Damper:

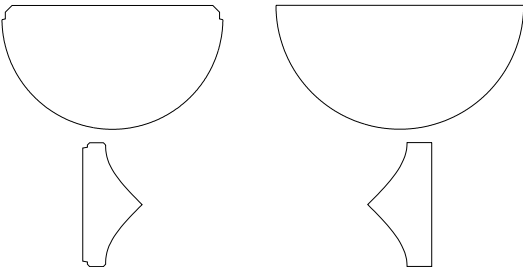
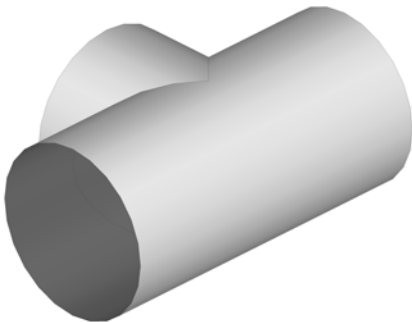
CID: 308

Standard



CID: 309

Rectangular

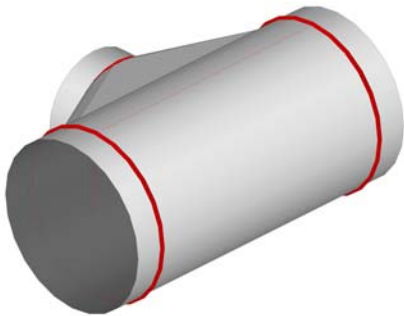


Dims		Options	
A=Width	Bolts	0	Conn's
B=Depth	Hole Angle	0.000	
C=X Distance	Fixing Hole Diameter	Marked	
D=Y Distance	Hole Spacing	50	
E=Length #1	Hole Inset	100	
F=Angle #1	Cut Side	No	
G=Length #2			
H=Angle #2			
I=Length #3			
J=Angle #3			Seams
K=Length #4			
L=Angle #4			
M=Hole Angle			
N=Hole Diameter			Damper:
O=Inner Diameter			
P=P.C.D.			
Q=Bolt Diameter			
R=Base Height			
S=Right Length			
T=Left Length			
U=Rotation			

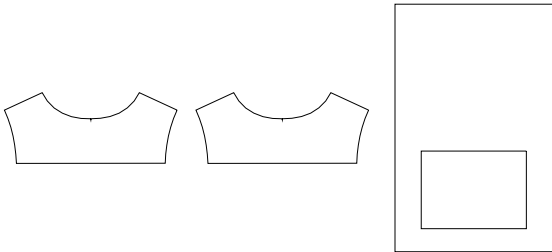
Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Angle	Six Parts Right Lap	None	C1
C=Length	Seam Position	Left	
D=Hole Diameter			
E=Six Parts Left Height			
F=Six Parts Right Height			
G=Pipe Diameter			
H=Turnover Allowance			
			Seams
			S1
			Damper:

CID: 311

Round

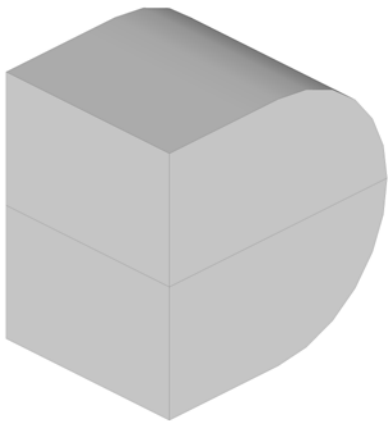


Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Branch Diameter Type	Nominal C1
C=Left Extension	Branch Diameter Type	Nominal C2
D=Right Extension	Hole Adjust	0.000 C3
E=Tap Diameter	Round Allowance To Pipe	0.000
F=Tap Length	Flat Allowance To Pipe	0.000
G=Branch Width	Seam Position	0.000
H=Distance	Pipe Parts	1
I=Distance	Branch Parts	2
J=Offset	Branch Seam Position	Sides
K=Collar	Flat Right	No S1
	Inlet	1 S2
	Outlet	2
Damper:		

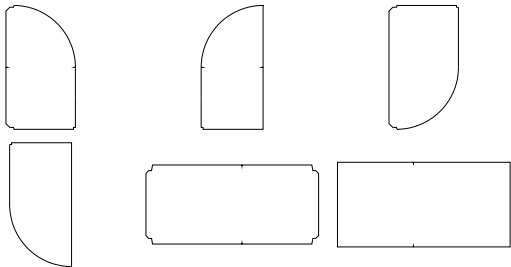


CID: 313

Rectangular

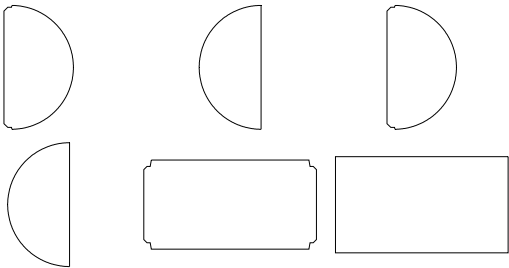
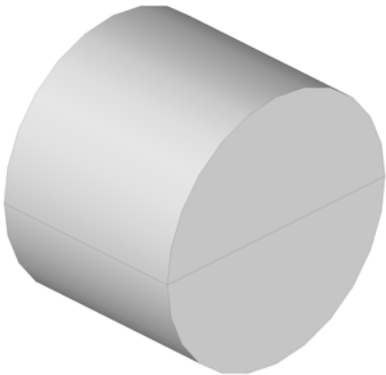


Dims	Options	
A=Radius	Six Parts Left Lap	None
B=Depth	Six Parts Right Lap	None C1
C=Angle	Vee Depth Female	0.000
D=Length	Vee Angle Female	30.000
E=Hole Diameter	Allowance	Left
F=Hole Diameter		
G=Six Parts Left Height		
H=Six Parts Right Height		
Damper:		



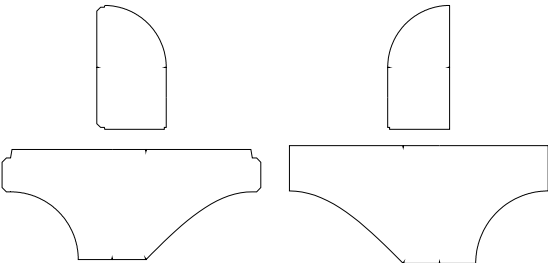
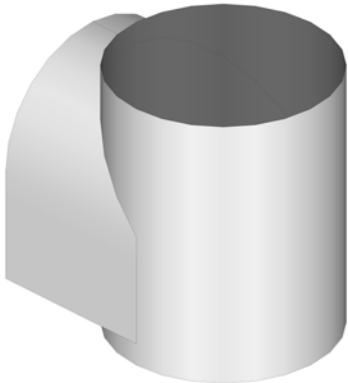
CID: 314

Rectangular



CID: 315

Rectangular



Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Angle	Six Parts Right Lap	None	C1
C=Length	Vee Depth Male	0.000	
D=Hole Diameter	Vee Angle Male	180.000	
E=Hole Diameter	Vee Depth Female	0.000	
F=Six Parts Left Height	Vee Angle Female	30.000	
G=Six Parts Right Height	Allowance	Left	

Seams
S1
S2

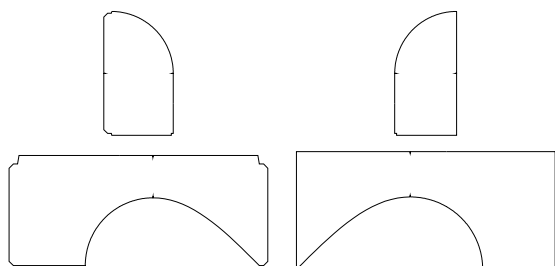
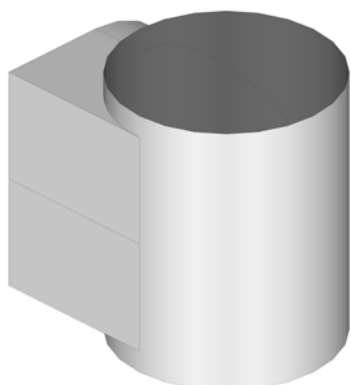
Damper:

Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	C1
C=Angle	Vee Depth Female	0.000	
D=Length	Vee Angle Female	30.000	
E=Hole Diameter	Allowance	Left	
F=Six Parts Left Height			
G=Six Parts Right Height			
H=Pipe Diameter			
I=Turnover Allowance			

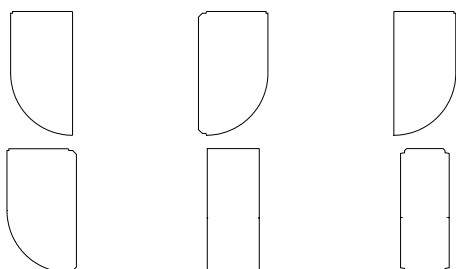
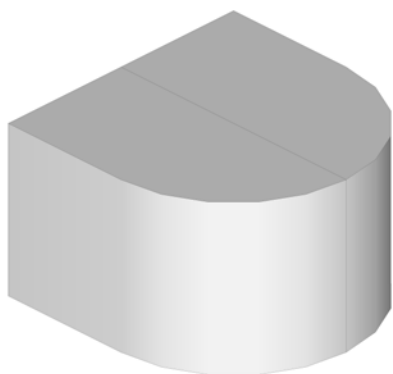
Seams
S1

Damper:

Rectangular



Rectangular



Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	
C=Angle	Vee Depth Female	0.000	
D=Length	Vee Angle Female	30.000	
E=Hole Diameter	Allowance	Left	
F=Six Parts Left Height			Seams
G=Six Parts Right Height			
H=Pipe Diameter			
I=Turnover Allowance			
			\$1

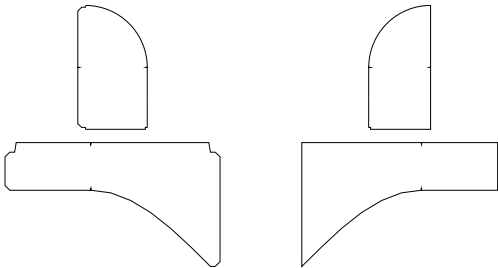
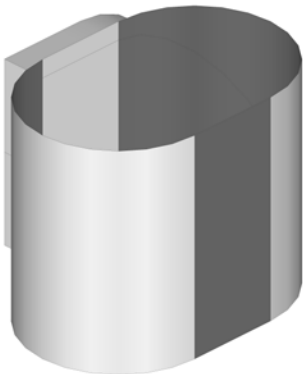
Damper:

Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
D=Angle	Vee Depth Male	0.000	C3
E=Hole Diameter	Vee Angle Male	180.000	
F=Hole Diameter	Vee Depth Female	0.000	
G=Six Parts Left Height	Vee Angle Female	30.000	
H=Six Parts Right Height	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
			S1
			S2

Damper:

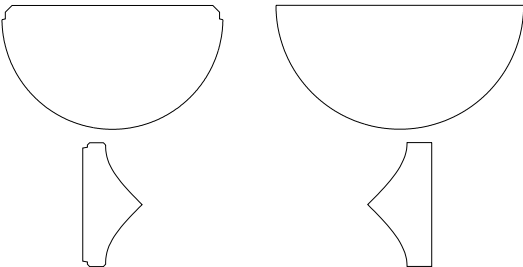
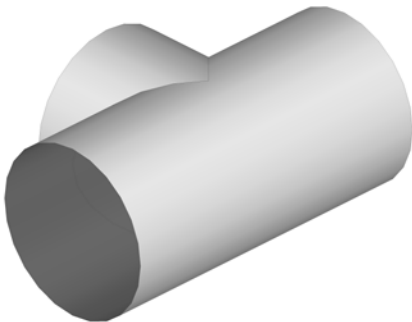
CID: 318

Rectangular



CID: 319

Rectangular



Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	C1
C=Length	Vee Depth Female	0.000	
D=Hole Diameter	Vee Angle Female	30.000	
E=Six Parts Left Height	Allowance	Left	
F=Six Parts Right Height			
G=Turnover Allowance			

Seams
S1

Damper:

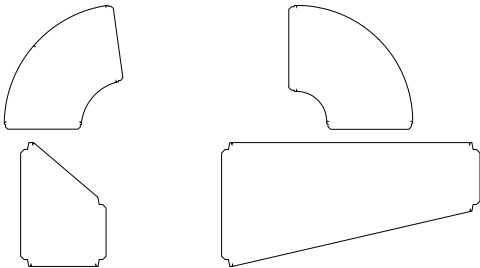
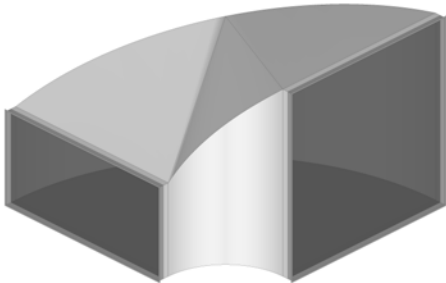
Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Length	Six Parts Right Lap	None	C1
C=Hole Diameter	Seam Position	Left	
D=Six Parts Left Height			
E=Six Parts Right Height			
F=Pipe Diameter			
G=Turnover Allowance			

Seams
S1

Damper:

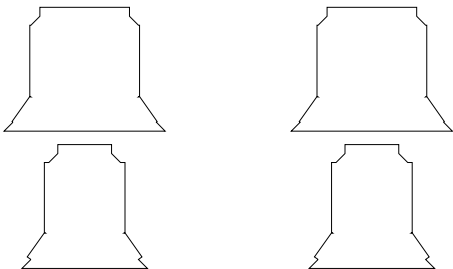
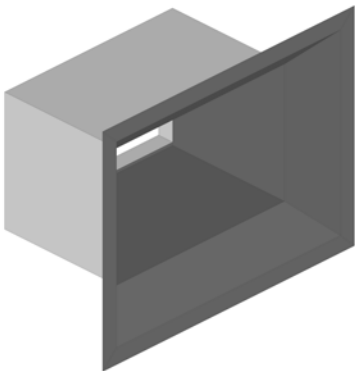
CID: 320

Rectangular



CID: 321

Rectangular



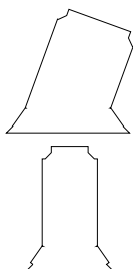
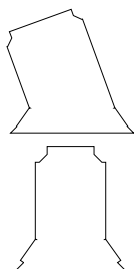
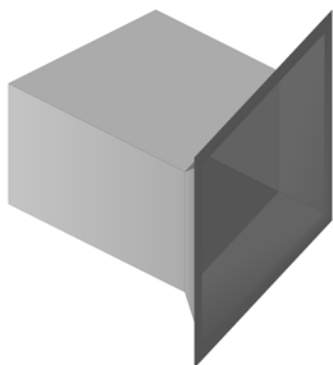
Dims	Options	
A=Btm Width	Throat Type	Radius
B=Btm Depth	Vee Depth Male	Auto C1
C=Top Depth	Vee Depth Female	Auto C2
D=Angle	Vee Angle Male	30
E=Top Extension	Vee Angle Female	30
F=Bottom Extension	Allow Central Tie Rods	Yes
G=Inner Radius	Straight Edge Wrappers	No
	Splitters	0
	Splitter Slit Angle	10.000
	Intersect Splitter Holes	No
		Seams
		S1

Damper:

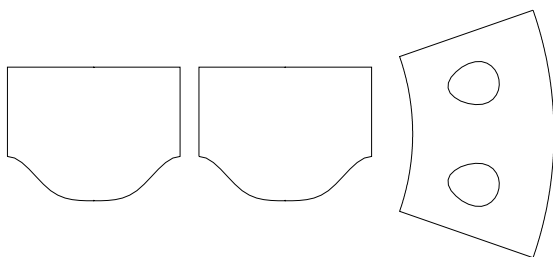
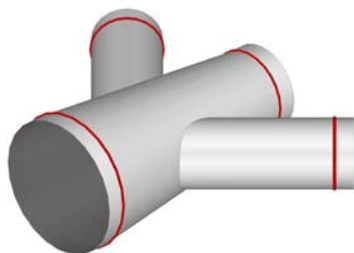
Dims	Options	
A=Width	Rotation	0.000
B=Depth		Conn's
C=Height		C1
D=Base Height		C2
E=Base Angle		
F=Flange		
G=Turnover		
H=Turnover		
I=Straight		
		Seams
		S1

Damper:

Rectangular



Round



Dims	Options		
A=Width	X Pitch	Slope Angle	Conn's
B=Depth	Rotation	0.000	C1
C=Height			C2
D=Angle			
E=Base Height			
F=Base Angle			
G=Flange			
H=Turnover			
I=Turnover			
			Seams
			S1

Damper:

Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	C1
C=Pipe Length	First Break	0.000	C2
D=Left Extension	Second Break	0.000	C3
E=Right Extension	Third Break	0.000	C4
F=Tap Diameter #1	Seam Position	180.000	
G=Angle #1	Diameter Type BE	Nominal	
H=Inset #1	Diameter Type SE	Nominal	
I=Extension #1	Branch Diameter Type	Nominal	
J=Tap Diameter #2	Branch Diameter Type	Nominal	Seams
K=Angle #2	Hole Adjust	0.000	S1
L=Inset #2	Branch Allowance To Pipe	0.000	S2
M=Extension #2	Branch Seam Position	0.000	S3
	Throat Cut Back (Degrees)	0.000	Damper:
	Estimated Diameter %age	Not Used	None
	Cut Back Allowance (%)	0.000	None
	End Castle Width	0.000	None
	End Castle Angle	30.000	None

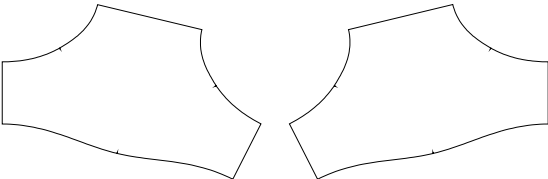
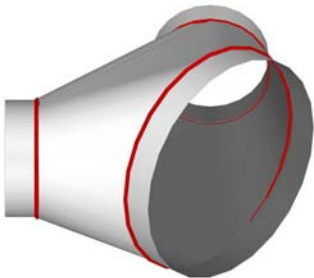
CID: 324

Rectangular/Round



CID: 325

Round

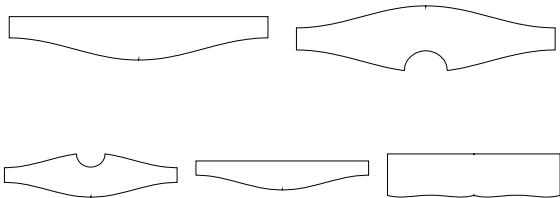
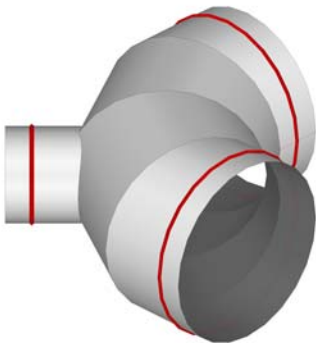


Dims		Options	
A=Width	Girth Split	2	Conn's
B=Depth	Length Break	1	C1
C=Diameter	Diameter Type	Nominal	C2
D=Offset-Width	Seam Position	Width	
E=Offset-Depth	Marker Type	Notch	
F=Extension	Estimated Diameter %age	Not Used	
G=Collar	Offset-Width	Left In	
H=Round Angle	Offset-Depth	Bottom Up	
I=Twist Angle	Inlet	1	
J=Inner Radius	Outlet	2	Seams
K=Corner Radius	Fold Notch Depth	Full Allowance	S1
	V Notch Rectangular Extension	No	
	Seam Cut Back	None	
	Cut Back Allowance (%)	50.000	Damper:
	2 Parts 90 Degrees Seam	No	None

Dims		Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Left Diameter	Left Diameter Type	Nominal	C1
C=Right Diameter	Right Diameter Type	Nominal	C2
D=Left Angle	2 Parts	Yes	C3
E=Right Ang			
F=Left Length			
G=Right Length			
H=Bottom Collar			
I=Left Collar			
J=Right Collar			
			Seams
			S1
			Damper:

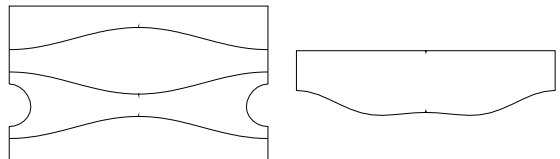
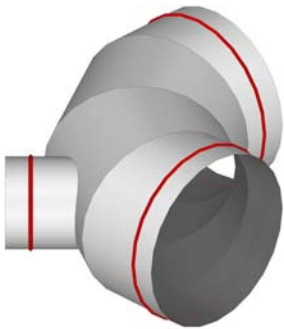
CID: 326

Round



CID: 327

Round

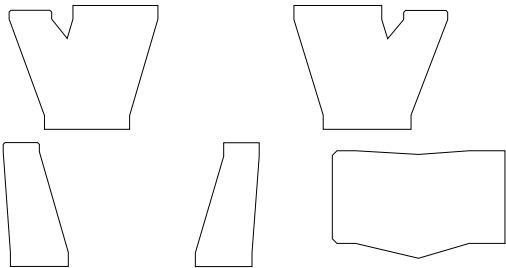
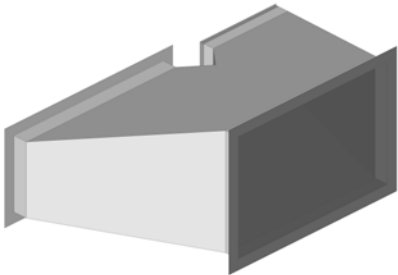


Dims		Options	
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Seam Position	0.000	C1
C=Angle	Pipe Diameter Type	Nominal	C2
D=Bottom Extension	Branch Diameter Type	Nominal	C3
E=Top Extension	Marker Type	Notch	C4
F=Tap Diameter	Tap Segment	2	
G=Tap Length	Branch Allowance To Pipe	0.000	
H=Branch Angle	Full Intersections	No	
I=Branch Extension	Item Volume	Segmented	
J=X-Offset			Seams
K=Y-Offset			S1
L=Branch Inset			S2
Damper:			

Dims		Options	
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Seam Position	0.000	C1
C=Angle	Single Segments	No	C2
D=Bottom Extension	Pipe Diameter Type	Nominal	C3
E=Top Extension	Branch Diameter Type	Nominal	C4
F=Tap Diameter	Marker Type	Notch	
G=Tap Length	Tap Segment	2	
H=Branch Angle	Branch Allowance To Pipe	0.000	
I=Branch Extension	Full Intersections	No	
J=X-Offset	Item Volume	Segmented	
K=Y-Offset			Seams
L=Branch Inset			S1
			S2
Damper:			

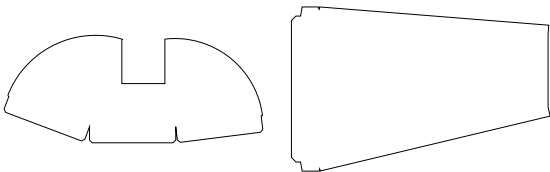
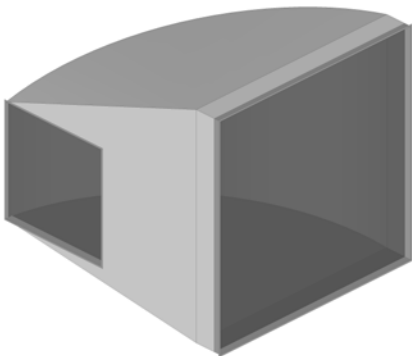
CID: 328

Rectangular



CID: 329

Rectangular

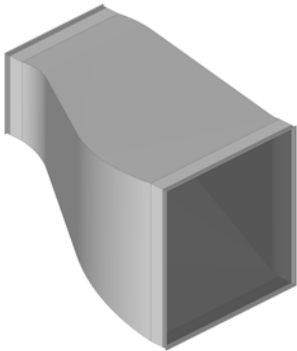


Dims	Options		
A=Btm Width	Vee Depth Male	Auto	Conn's
B=Btm Depth	Vee Depth Female	Auto	C1
C=Left Width	Vee Angle Male	30	C2
D=Right Width	Vee Angle Female	30	C3
E=Top Depth	Offset-Depth	Bottom Up	
F=Height	Offset-Width	Left In	
G=Offset			
H=Offset-Width			
I=Offset-Depth			
J=Bottom Extension			Seams
K=Top Extension			S1
L=Branch Height			S2
M=Left Mitre Length			
N=Right Mitre Length			
			Damper:

Dims	Options		
A=Btm Width	Wrapper Length Adjust	0.000	Conn's
B=Btm Depth	Turnover Allowance	0.000	C1
C=Height	Vee Notch Angle	5.000	C2
D=Hole Width	Develop Parts	2	
E=Hole Length			
F=Offset			
G=Bottom Extension			
H=Hole Offset			
			Seams
			S1
			Damper:

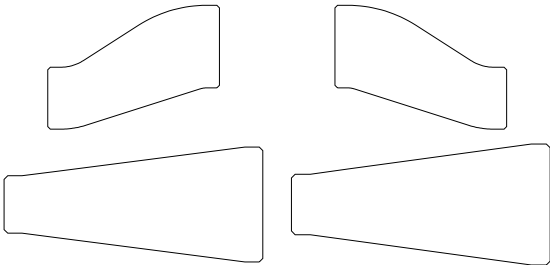
CID: 330

Rectangular



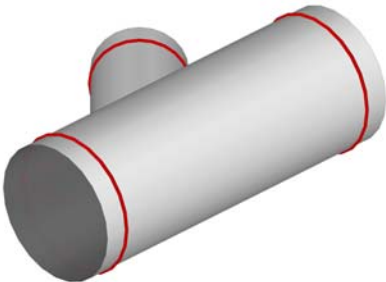
Dims	Options	
A=Width In	Vee Depth Male	Auto Conn's
B=Depth In	Vee Depth Female	Auto C1
C=Width Out	Vee Angle Male	30 C2
D=Depth Out	Vee Angle Female	30
E=Length	Offset-Width	Left In
F=Extension In	Offset-Depth	Top Down
G=Extension Out	Restricted Flow	Warning
H=Offset-Width	Seam Cut Back	0.000
I=Offset-Depth	Allow Central Tie Rods	No
J=Left Radius	Wraps V Notch If Zero Radius	No Seams
K=Right Radius	New 3D And Develops	No S1
	Separate Extension In	No

Damper:

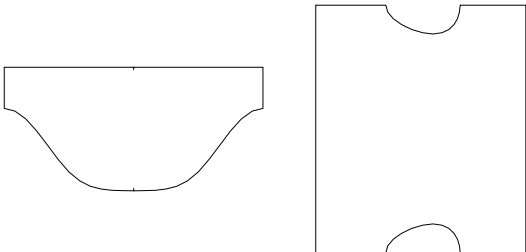


CID: 336

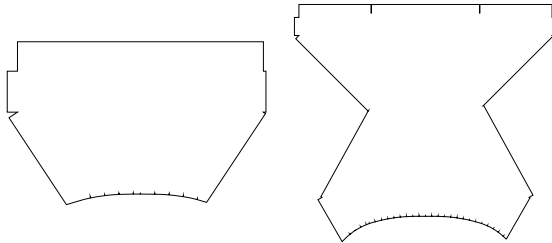
Round



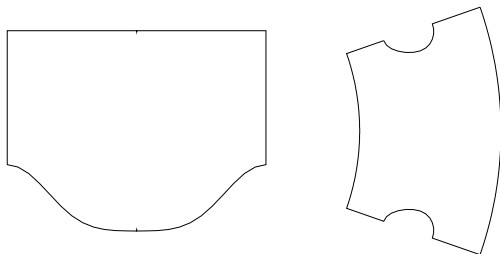
Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Hole Adjust	0.000
I=Extension #1	Branch Allowance To Pipe	0.000
	Branch Seam Position	0.000 Seams
	Throat Cut Back (Degrees)	0.000 S1
	Plate Border (Circumference)	0.000 S2
	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000 Damper:
	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto None
	End Castle Width	0.000
	End Castle Angle	30.000



Rectangular/Round



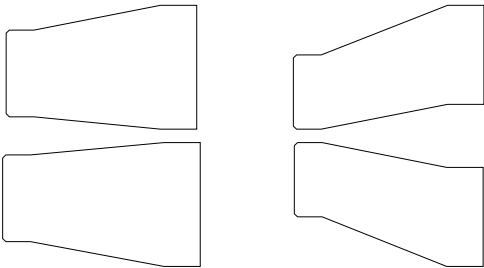
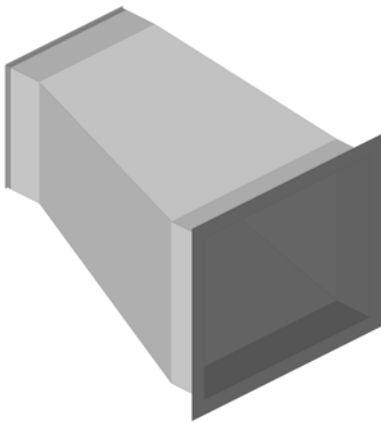
Round



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	
C=Pipe Length	First Break	0.000	
D=Left Extension	Second Break	0.000	
E=Right Extension	Third Break	0.000	
F=Tap Diameter #1	Seam Position	90.000	
G=Angle #1	Diameter Type BE	Nominal	
H=Inset #1	Diameter Type SE	Nominal	
I=Extension #1	Branch Diameter Type	Nominal	
	Hole Adjust	0.000	Seams
	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	
	Throat Cut Back (Degrees)	0.000	
	Estimated Diameter %age	Not Used	
	Cut Back Allowance (%)	0.000	Damper:
	End Castle Width	0.000	None
	End Castle Angle	30.000	None

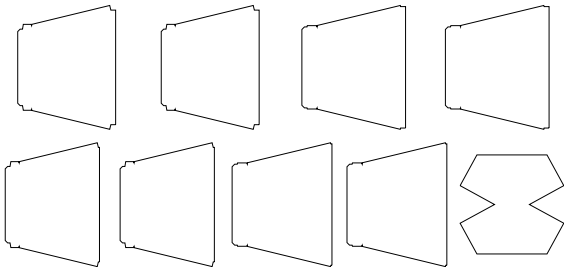
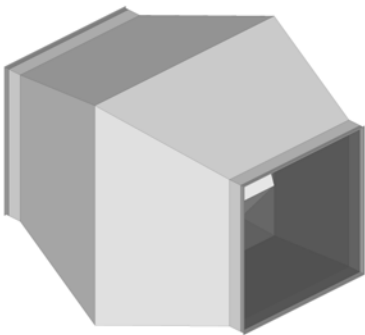
CID: 342

Rectangular



CID: 343

Rectangular

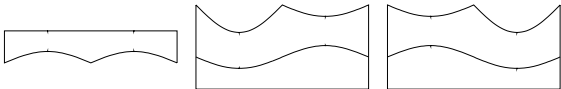
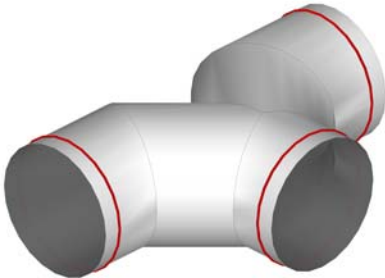


Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used
	Offset-Width	Left In
	Offset-Depth	Bottom Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

Dims	Options	
A=Btm Width	Turnover Allowance	0.000
B=Btm Depth	Body Allowance	0.000
C=Center Width	Plate Allowance	0.000
D=Center Depth	Number Of Struts	0
E=Top Width	4 Parts	No
F=Top Depth		
G=Height		
H=Height		
I=Width		
J=Depth		
K=Width		
L=Height		
M=Bottom Extension		
N=Top Extension		
O=Plate Depth		

CID: 344

Round



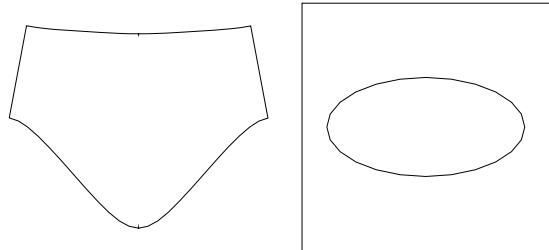
Dims	Options		
A=Diameter	Diameter Type	Nominal	Conn's
B=Length In	Single Segments	No	C1
C=Length Out	Marker Type	Notch	C2
D=X-Offset			C3
E=Y-Offset			C4
F=Extension In			C5
G=Extension Out			

Seams
S1

Damper:

CID: 345

Round

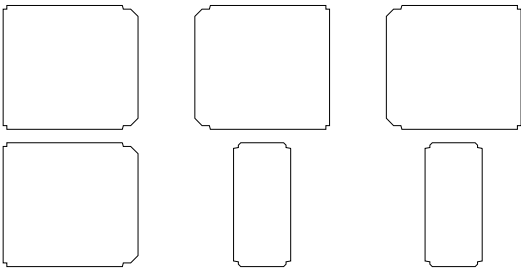
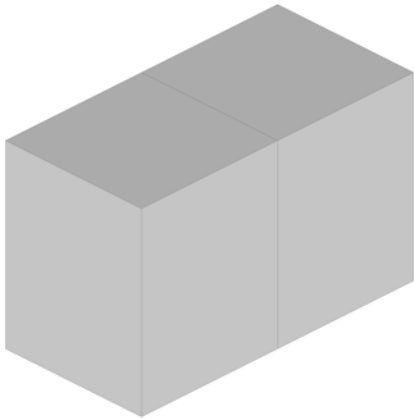


Dims	Options		
A=Hole Diameter	Branch Parts	1	Conn's
B=Tap Diameter	Plate Parts	1	C1
C=Length	Seam Position	0.000	C2
D=Angle	Hole Type	Oval	
E=Plate Width	Hole Adjust	0.000	
F=Plate Depth	Diameter Type	Nominal	
G=Offset-Width	Turnover	0.000	
H=Offset-Depth	Item Pattern Length/Angle	Length	
I=Collar	Use Marker Notch (OM End)	Yes	
J=Hole Depth	Notch Hole Ends	No	Seams
K=Bottom Width	Dynamic Hole Adjust	Auto	S1
			S2

Damper:
None

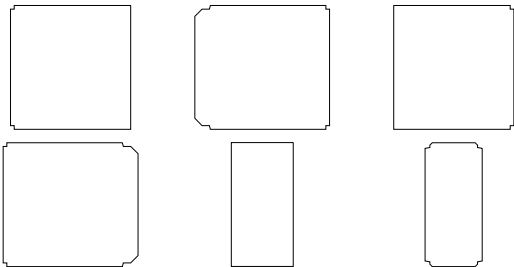
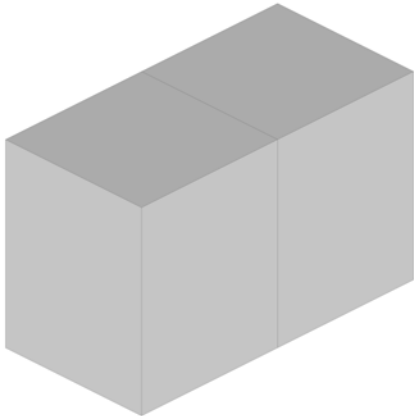
CID: 346

Rectangular



CID: 347

Rectangular

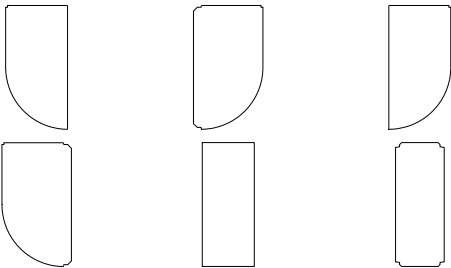
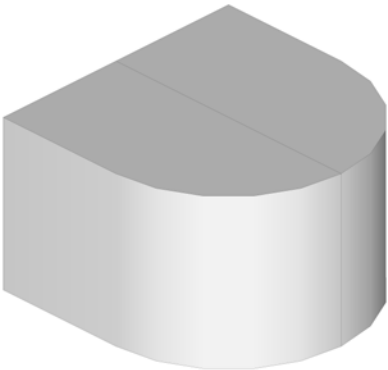


Dims		Options	
A=Right Width	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
D=Six Parts Left Height	Vee Depth Male	0.000	C3
E=Six Parts Right Height	Vee Angle Male	180.000	
	Vee Depth Female	0.000	
	Vee Angle Female	30.000	
	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
		S1	
		S2	
		Damper:	

Dims		Options	
A=Right Width	Six Parts Left Lap	None	Conn's
B=Depth	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
D=Six Parts Left Height	Vee Depth Male	0.000	C3
E=Six Parts Right Height	Vee Angle Male	180.000	
	Vee Depth Female	0.000	
	Vee Angle Female	30.000	
	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
		S1	
		S2	
		Damper:	

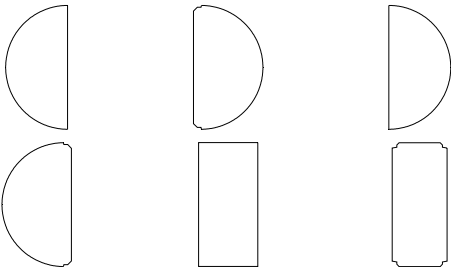
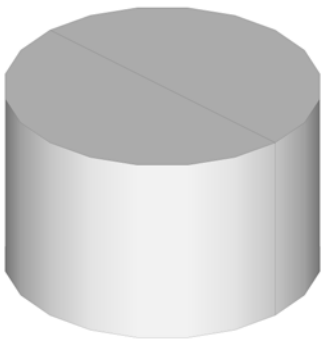
CID: 348

Rectangular



CID: 349

Rectangular

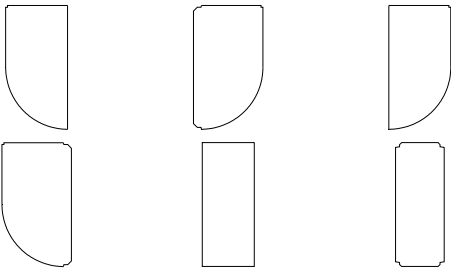
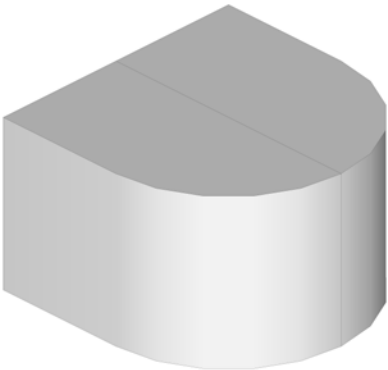


Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Height	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
D=Six Parts Left Height	Vee Depth Male	0.000	C3
E=Six Parts Right Height	Vee Angle Male	180.000	
	Vee Depth Female	0.000	
	Vee Angle Female	30.000	
	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
		S1	
		S2	
			Damper:

Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Length	Six Parts Right Lap	None	C1
C=Six Parts Left Height	Clip Holes	No	C2
D=Six Parts Right Height	Alternate Weathering	No	C3
	Holes CAD Nodes	No	
	Ensure Center Closed	No	
			Seams
		S1	
		S2	
			Damper:

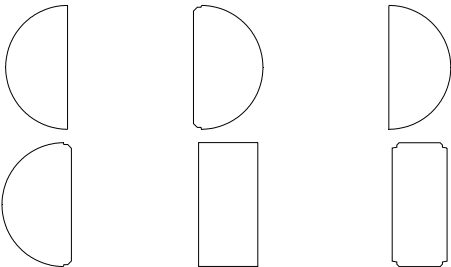
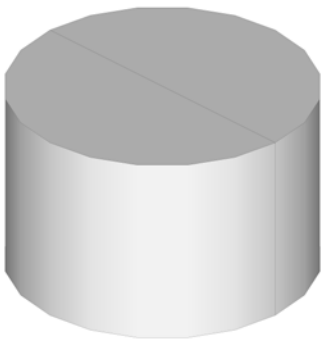
CID: 350

Rectangular



CID: 351

Rectangular

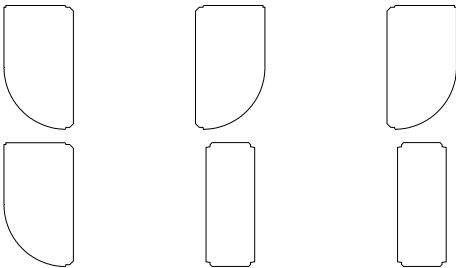
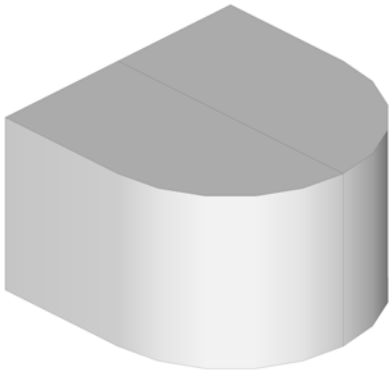


Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Height	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
	Vee Depth Male	0.000	C3
	Vee Angle Male	180.000	
	Vee Depth Female	0.000	
	Vee Angle Female	30.000	
	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
		S1	
		S2	
			Damper:

Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Length	Six Parts Right Lap	None	C1
	Clip Holes	No	C2
	Alternate Weathering	No	C3
	Holes CAD Nodes	No	
	Ensure Center Closed	No	
			Seams
		S1	
		S2	
			Damper:

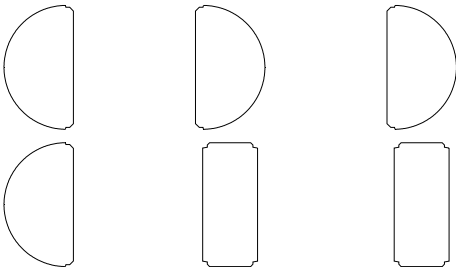
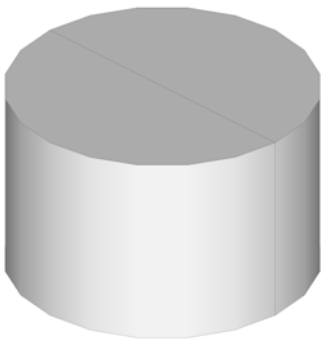
CID: 352

Rectangular



CID: 353

Rectangular

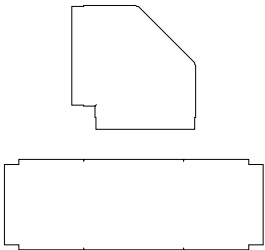
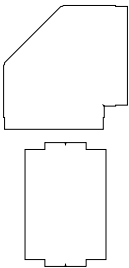
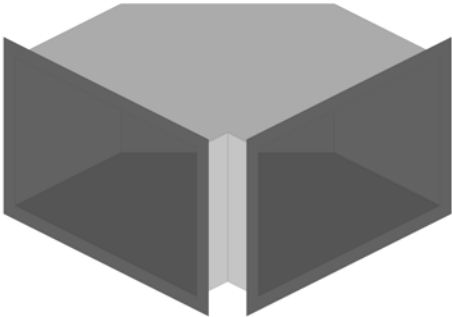


Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Height	Six Parts Right Lap	None	C1
C=Length	Clip Holes	No	C2
D=Six Parts Left Height	Vee Depth Male	0.000	C3
E=Six Parts Right Height	Vee Angle Male	180.000	
	Vee Depth Female	0.000	
	Vee Angle Female	30.000	
	Alternate Weathering	No	
	Holes CAD Nodes	No	
	Ensure Center Closed	No	Seams
		S1	
		S2	
			Damper:

Dims		Options	
A=Radius	Six Parts Left Lap	None	Conn's
B=Length	Six Parts Right Lap	None	C1
C=Six Parts Left Height	Clip Holes	No	C2
D=Six Parts Right Height	Alternate Weathering	No	C3
	Holes CAD Nodes	No	
	Ensure Center Closed	No	
			Seams
		S1	
		S2	
			Damper:

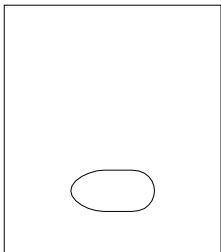
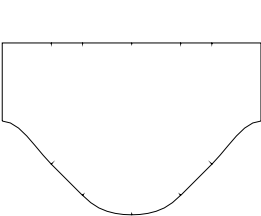
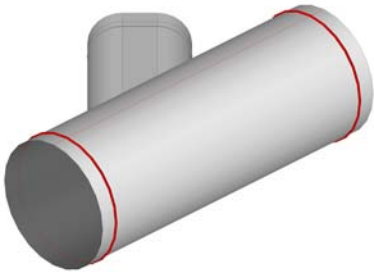
CID: 354

Rectangular



CID: 355

Round

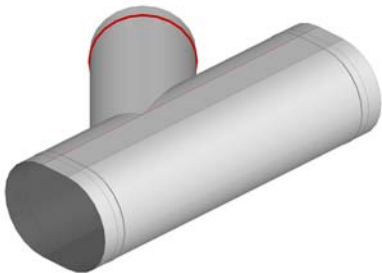


Dims	Options		
A=Top Width	Length Adjust For Part 4	0.000	Conn's
B=Depth	Length Adjust For Part 3	0.000	C1
C=Top Extension	Vee Depth Male	Auto	C2
D=Bottom Extension	Vee Depth Female	Auto	
	Vee Angle Male	30	
	Vee Angle Female	30	
	Seam Number For Throat		
	Leg Lengths	No	
	Allow Central Tie Rods	Yes	
	Riser Bend	No	Seams
	Folding Lines	No	S1
	Mark Splitter Sides	No	S2
	Insulation Parts	Same	
	Draw Custom Insulation	No	Damper:

Dims	Options		
A=Width	Pipe Parts	1	Conn's
B=Length	Branch Parts	1	C1
C=Left Extension	Pipe Diameter Type	Nominal	C2
D=Right Extension	Branch Diameter Type	Nominal	C3
E=Branch Width #1	Seam Position	0.000	
F=Branch Depth #1	Branch Allowance To Pipe	0.000	
G=Tap Length #1	True Oval Straight	No	
H=Angle #1	Hole Adjust	0.000	
I=Inset #1			Seams
J=Extension #1			S1
			S2
			Damper:

CID: 356

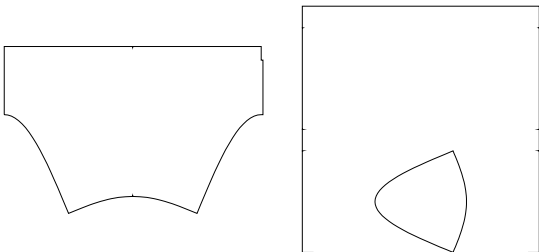
Flat Oval



Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Branch Parts	1
C=Length	Pipe Diameter Type	Nominal
D=Left Extension	Branch Diameter Type	Nominal
E=Right Extension	Seam Position	0.000
F=Branch Width #1	Branch Allowance To Pipe	0.000
G=Tap Length #1	True Oval Straight	No
H=Angle #1	Hole Adjust	0.000
I=Inset #1		
J=Extension #1		

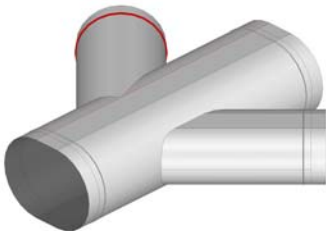
Seams
S1
S2

Damper:



CID: 357

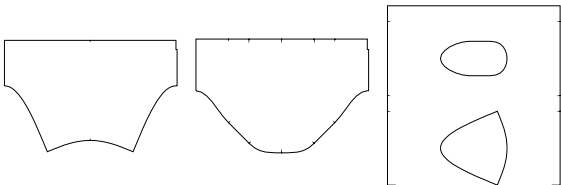
Flat Oval



Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Branch Parts	1
C=Length	Pipe Diameter Type	Nominal
D=Left Extension	Branch Diameter Type	Nominal
E=Right Extension	Seam Position	0.000
F=Branch Width #1	Branch Allowance To Pipe	0.000
G=Tap Length #1	True Oval Straight	No
H=Angle #1	Hole Adjust	0.000
I=Inset #1		
J=Extension #1		
K=Branch Width #2		
L=Branch Depth #2		
M=Tap Length #2		
N=Angle #2		
O=Inset #2		
P=Extension #2		

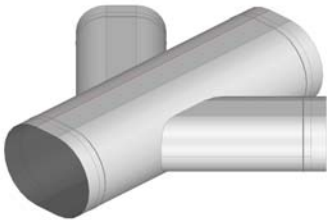
Seams
S1
S2
S3

Damper:

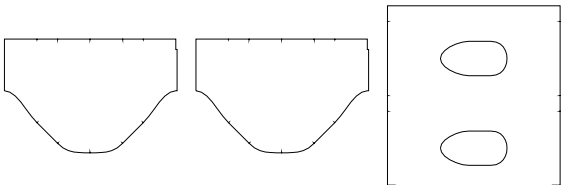


CID: 358

Flat Oval

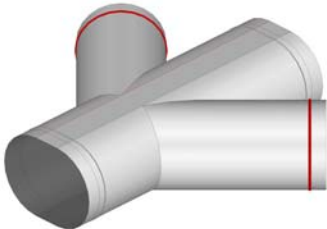


Dims		Options	
A=Width	Pipe Parts	1	Conn's
B=Depth	Branch Parts	1	C1
C=Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Branch Diameter Type	Nominal	C3
E=Right Extension	Seam Position	0.000	C4
F=Branch Width #1	Branch Allowance To Pipe	0.000	
G=Branch Depth #1	True Oval Straight	No	
H=Tap Length #1	Hole Adjust	0.000	
I=Angle #1			
J=Inset #1			Seams
K=Extension #1			S1
L=Branch Width #2			S2
M=Branch Depth #2			S3
N=Tap Length #2			Damper:
O=Angle #2			
P=Inset #2			
Q=Extension #2			

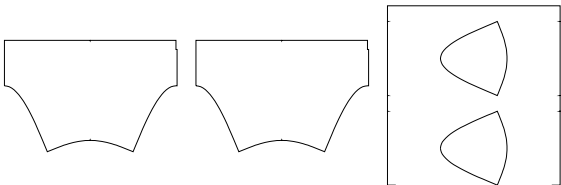


CID: 359

Flat Oval

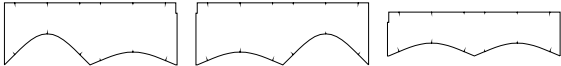
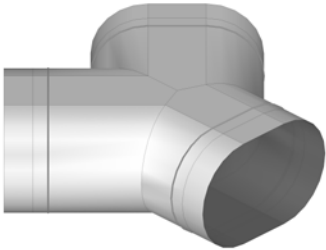


Dims		Options	
A=Width	Pipe Parts	1	Conn's
B=Depth	Branch Parts	1	C1
C=Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Branch Diameter Type	Nominal	C3
E=Right Extension	Seam Position	0.000	C4
F=Branch Width #1	Branch Allowance To Pipe	0.000	
G=Tap Length #1	True Oval Straight	No	
H=Angle #1	Hole Adjust	0.000	
I=Inset #1			
J=Extension #1			Seams
K=Branch Width #2			S1
L=Tap Length #2			S2
M=Angle #2			S3
N=Inset #2			Damper:
O=Extension #2			



CID: 360

Flat Oval



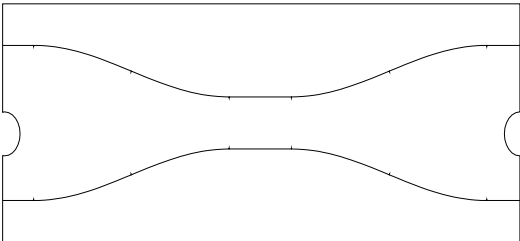
Dims	Options		
A=Width	Diameter Type	Nominal	Conn's
B=Depth	Splitters	0	C1
C=Length In	Splitter Radius	Auto	C2
D=Length Out	Splitter Adjust	0.000	C3
E=Angle			C4
F=Bottom Extension			C5
G=Left Extension			
H=Right Extension			

Seams
S1

Damper:

CID: 365

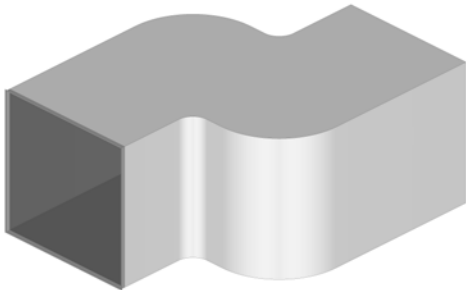
Flat Oval



Dims	Options		
A=Width	Number Of Segments	3	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Seam Position	Throat	C2
D=Bottom Extension	Single Segments	No	C3
E=Top Extension	Nest Break Start Segment	0	
F=Branch Width	Nest Break End Segment	0	
G=Branch Depth	Girth Split	1	
H=Branch Inset	Notch Angle For Seam	0	
I=Branch Offset	Leg Lengths	No	
	Length Includes Extensions	No	Seams
	Splitters	0	S1
	Splitter Radius	Auto	S2
	Splitter Adjust	0.000	
	Splitter Shape	Angled	Damper:
	Splitter Type	Partial	
	Branch Parts	No	

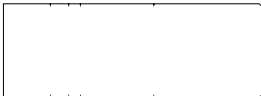
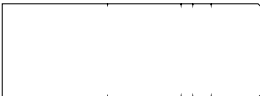
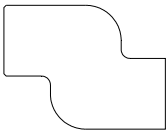
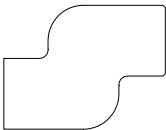
CID: 366

Rectangular



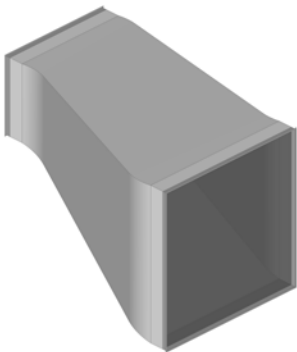
Dims	Options	
A=Left Width	Vee Depth Male	Auto Conn's
B=Depth	Vee Depth Female	Auto C1
C=Right Width	Vee Notch Angle	20.000 C2
D=Length	Estimated Width Out %age	Not Used
E=Left Extension	Insulation Parts	Same
F=Right Extension		
G=Offset-Width		
H=Top Radius		
I=Left Radius		
J=Bottom Radius		
K=Right Radius		
		Seams
		S1

Damper:



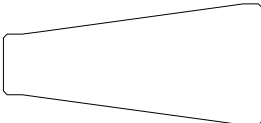
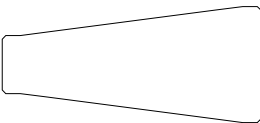
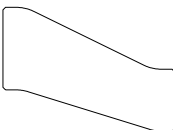
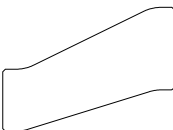
CID: 367

Rectangular



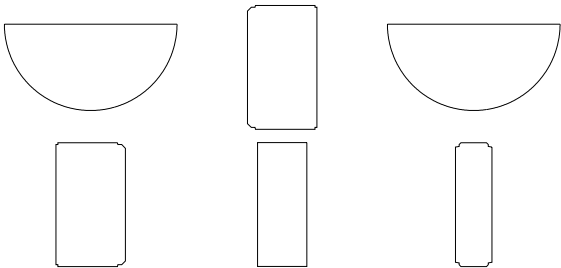
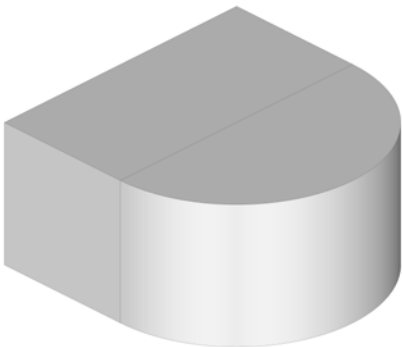
Dims	Options	
A=Width In	Vee Depth Male	Auto Conn's
B=Depth In	Vee Depth Female	Auto C1
C=Width Out	Vee Angle Male	30 C2
D=Depth Out	Vee Angle Female	30
E=Length	Offset-Width	Left In
F=Extension In	Offset-Depth	Top Down
G=Extension Out	Restricted Flow	Warning
H=Offset-Width	Seam Cut Back	0.000
I=Offset-Depth	Allow Central Tie Rods	No
J=Corner Radius	Wraps V Notch If Zero Radius	No Seams
	New 3D And Develops	No S1
	Separate Extension In	No

Damper:



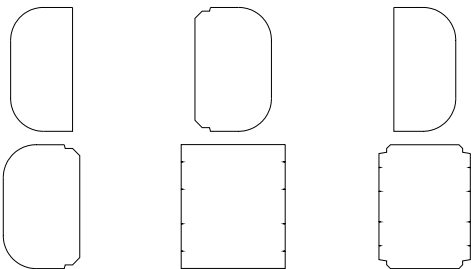
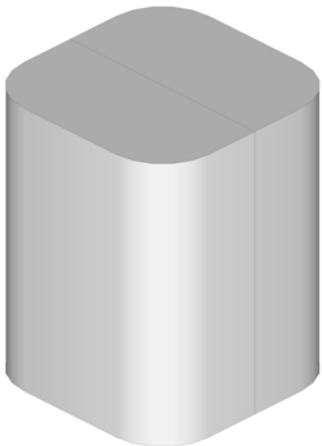
CID: 368

Rectangular



CID: 369

Rectangular



Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Left Height	Connector	Left	C1
C=Length	Vee Depth Female	0.000	
D=Six Parts Left Height	Vee Angle Female	30.000	
E=Right Height	Alternate Weathering	No	
	Clip Holes	No	

Seams
S1

Damper:

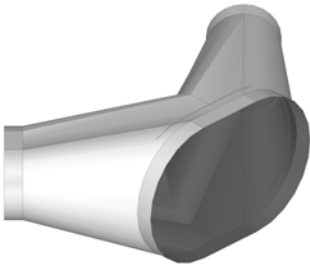
Dims	Options		
A=Width	Six Parts Left Lap	None	Conn's
B=Flat Left	Six Parts Right Lap	None	C1
C=Flat Right	Parts	2	
D=Depth			
E=Length			

Seams
S1
S2

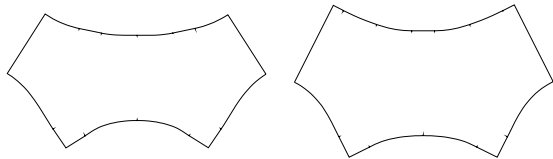
Damper:

CID: 376

Flat Oval

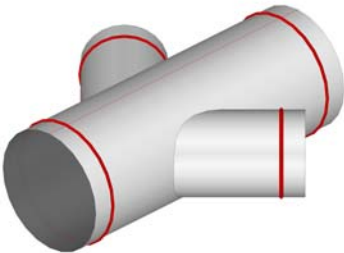


Dims	Options	
A=Btm Width	Bottom Diameter Type	Nominal
B=Btm Depth	Left Diameter Type	Nominal C1
C=Left Width	Right Diameter Type	Nominal C2
D=Left Depth	Seam Position	Throat C3
E=Right Width		C4
F=Right Depth		C5
G=Left Angle		
H=Right Ang		
I=Height		
J=Left Offset		
K=Right Offset		
L=Left Height		
M=Right Height		
N=Left Offset		
O=Right Offset		
P=Bottom Collar		
Q=Left Collar		
R=Right Collar		

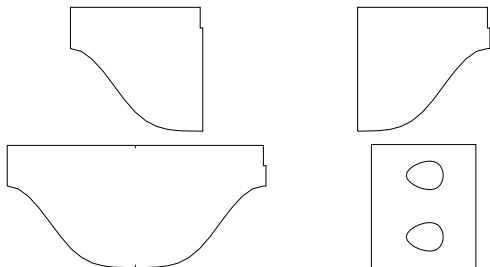


CID: 377

Flat Oval

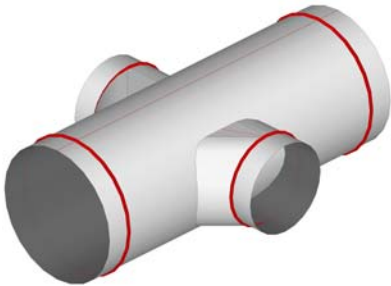


Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000 C4
F=Branch Width #1	Branch Diameter Type	Nominal
G=Branch Depth #1	Branch Parts	2
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Parts	1
J=Inset #1	Plate Border	0.000
K=Offset #1	Plate Type	Rectangular
L=Rotation #1	Branch Seam Position	0.000 S1
M=Collar #1	Collar Arcs - Lap	0.000 S2
N=Branch Width #2	Collar Arcs - Allowance	0.000 S3
O=Branch Depth #2	Branch Only	No
P=Tap Length #2	Branch Seam Position	All
Q=Angle #2	Same Seams On Each Part	No
R=Inset #2	Reducer Seam Position	Corner
S=Offset #2	Reducer Parts	1
T=Rotation #2		
U=Collar #2		
V=Oval Half Extension		

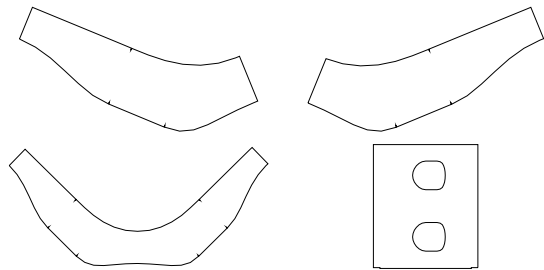


CID: 378

Flat Oval

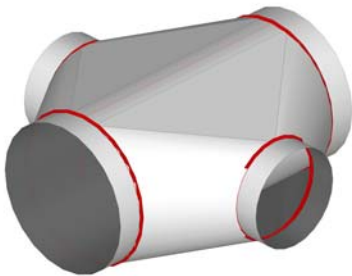


Dims	Options	
A=Major Axis	Pipe Parts	1 Conn's
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000 C4
F=Major Axis #1	Branch Diameter Type	Nominal
G=Minor Axis #1	Branch Parts	2
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Parts	1
J=Inset #1	Plate Border	0.000 Seams
K=Offset #1	Plate Type	Rectangular S1
L=Rotation #1	Branch Seam Position	0.000 S2
M=Collar #1	Branch Only	No S3
N=Major Axis #2	Allow Branches On Flats	No Damper:
O=Minor Axis #2	Reducer Seam Position	Corner
P=Tap Length #2	Reducer Parts	1
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		

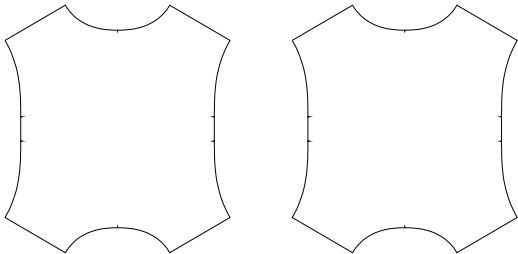


CID: 379

Round

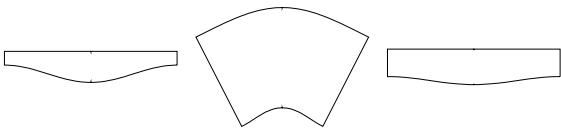


Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal Conn's
B=Pipe Length	Branch Diameter Type	Nominal C1
C=Left Extension	Branch Diameter Type	Nominal C2
D=Tap Diameter	Hole Adjust	0.000 C3
E=Tap Length	Round Allowance To Pipe	0.000
F=Angle	Flat Allowance To Pipe	0.000
G=Collar	Seam Position	0.000
	Pipe Parts	1
	Branch Parts	2
	Connector Fold Notch	Full Allowance Seams
	Inlet	1 S1
	Outlet	2 S2
		Damper:



CID: 380

Round



CID: 381

Round



Dims		Options	
A=Left Diameter	Seam Position	0.000	Conn's
B=Right Diameter	Left Diameter Type	Nominal	C1
C=Length	Right Diameter Type	Nominal	C2
D=Offset	Girth Split	1	C3
E=Left Extension	Marker Type	Notch	
F=Right Extension	Seam Position	Angled	
G=Left Collar	Stitch Gap	0.000	
H=Right Collar	Number Of Stitches	4	
	Seam Cuts	Straight	
			Seams
			S1

Damper:
None
None

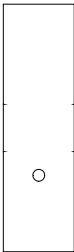
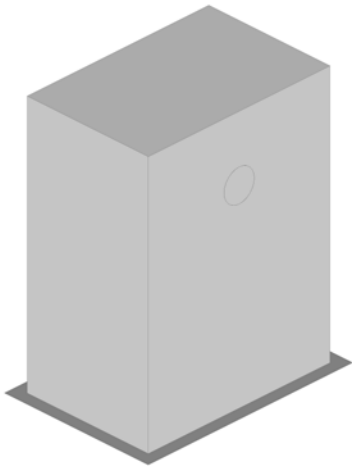
Dims		Options	
A=Diameter	Diameter Type	Nominal	Conn's
B=Length	Stitch Gap	0.000	
	Number Of Stitches	4	

Seams
S1

Damper:

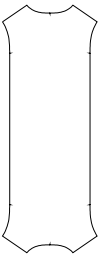
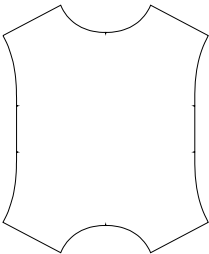
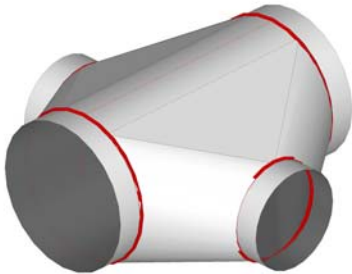
CID: 382

Rectangular



CID: 383

Round

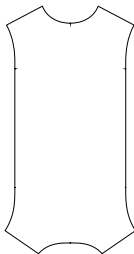
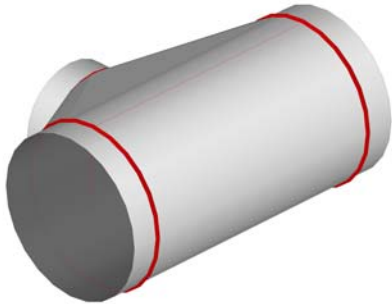


Dims		Options	
A=Width	Notch Angle For Lid	45.000	Conn's
B=Depth	Collar Allowance	0.000	C1
C=Length	Diameter Type	Nominal	C2
D=Hole Width #1	Hole Adjust	0.000	
E=Hole Depth #1	Hole Type	Front	
F=Hole Radius #1	Vee Notch Angle	Default	
G=Hole Inset #1	Swap Hole Dims For Side	No	
H=Hole Offset #1	Cost Supports	No	
I=Hole Collar #1	Collar Allowance	0.000	
J=Hole Axis Rotn #1	Collar Allowance	0.000	Seams
	Collar Allowance	0.000	S1
	Collar Allowance	0.000	S2
	Collar Allowance	0.000	
	Damper:	None	

Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Branch Diameter Type	Nominal	C2
D=Tap Diameter	Hole Adjust	0.000	C3
E=Tap Length	Round Allowance To Pipe	0.000	
F=Angle	Flat Allowance To Pipe	0.000	
G=Collar	Seam Position	0.000	
	Pipe Parts	1	
	Branch Parts	2	
	Connector Fold Notch	Full Allowance	Seams
	Inlet	1	S1
	Outlet	2	S2
	Damper:		

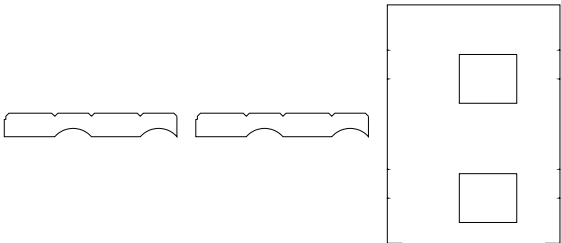
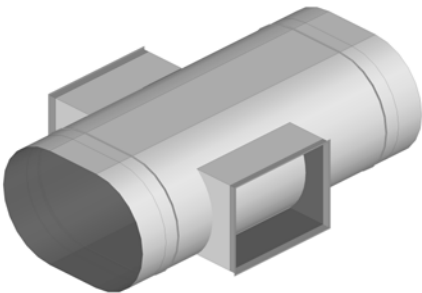
CID: 384

Round



CID: 385

Flat Oval



Dims	Options		
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Branch Diameter Type	Nominal	C2
D=Tap Diameter	Hole Adjust	0.000	C3
E=Tap Length	Round Allowance To Pipe	0.000	
F=Angle	Flat Allowance To Pipe	0.000	
G=Collar	Seam Position	0.000	
	Pipe Parts	1	
	Branch Parts	2	
	Connector Fold Notch	Full Allowance	Seams
	Inlet	1	S1
	Outlet	2	S2

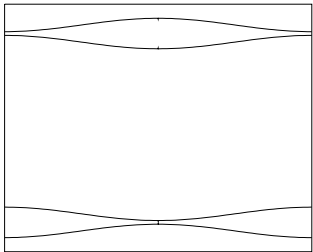
Damper:

Dims	Options		
A=Major Axis	Pipe Diameter Type	Nominal	Conn's
B=Minor Axis	Round Allowance To Pipe	0.000	C1
C=Pipe Length	Flat Allowance To Pipe	0.000	C2
D=Left Extension	Pipe Parts	1	C3
E=Right Extension	Branch Parts	1	C4
F=Branch Width	Pipe Seam Position	0.000	
G=Branch Depth	Hole Adjust	0.000	
H=Tap Length	Plate Border	0.000	
I=Inset	Castle Width	0.000	
J=Rotation	Castle Angle	30.000	Seams
K=Extension	Plate Border (Width)	Auto	S1
L=Branch Width			S2
M=Branch Depth			
N=Tap Length			
O=Inset			
P=Rotation			
Q=Extension			

Damper:

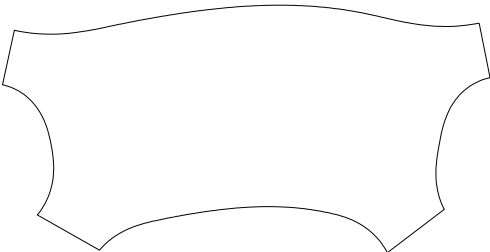
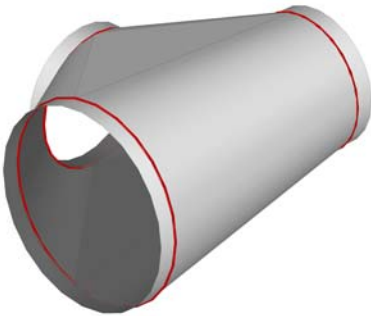
CID: 386

Round



CID: 387

Round



Dims		Options	
A=Diameter	Seam Position	0.000	Conn's
B=Length	Single Segments	No	C1
C=Offset	Diameter Type	Nominal	C2
D=Left Collar	Girth Split	1	C3
E=Right Collar	Marker Type	Notch	
F=Inner Radius	Seam Position	Angled	
	Stitch Gap	0.000	
	Number Of Stitches	4	
	Seam Cuts	Straight	
			Seams
			S1

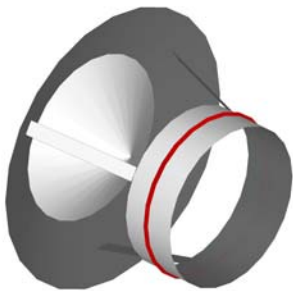
Damper:
None
None

Dims		Options	
A=Left Diameter	Left Diameter Type	Nominal	Conn's
B=Right Diameter	Right Diameter Type	Nominal	C1
C=Pipe Length	Branch Diameter Type	Nominal	C2
D=Y-Offset	Marker Notches	No	C3
E=X-Offset			
F=Left Collar			
G=Right Collar			
H=Tap Diameter			
I=Tap Length			
J=Offset			
K=Collar			
			Seams
			S1

Damper:

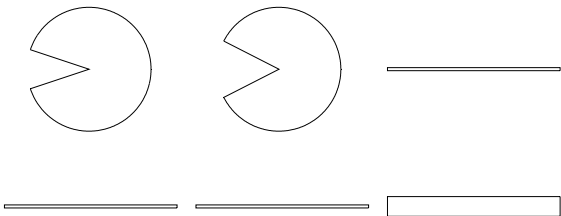
CID: 388

Round



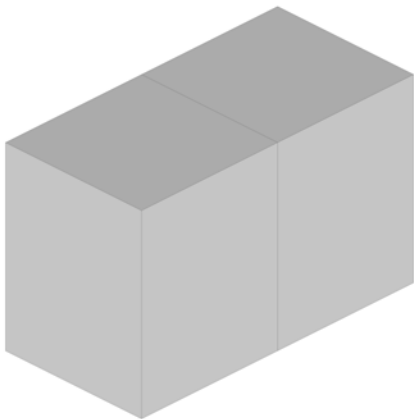
Dims		Options	
A=Outer Diameter		Number Of Struts	3
B=Length		Allowance To Pipe	25.000
C=Height		Allowance To Hood	25.000
D=Pipe Diameter		Hole Diameter	0.000
E=Pipe Length		Number Of Holes	0
F=Inner Diameter		Hole Inset	0.000
G=Inner Length		Strut Hole Width	0.000
H=Hole Diameter		Strut Hole Length Adjust	0.000
I=Angle		Insertion Point	Default
J=Strut Width		Rotation	Default

Damper:



CID: 390

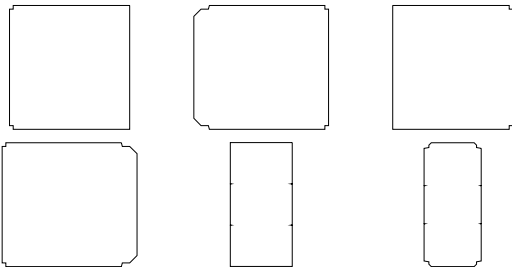
Rectangular



Dims		Options	
A=Left Width		Six Parts Left Lap	None
B=Right Width		Six Parts Right Lap	None
C=Depth		Parts	2
D=Length			
E=Bottom Radius			
F=Top Radius			
G=Girth Split			

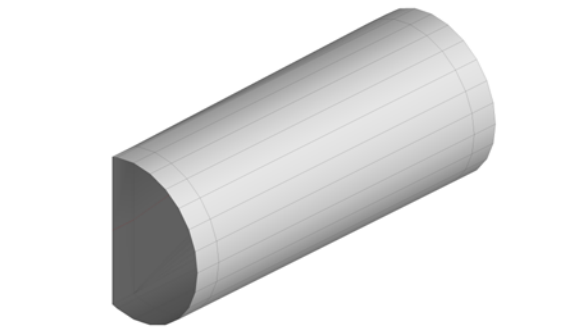
Seams
S1
S2

Damper:



CID: 391

Round

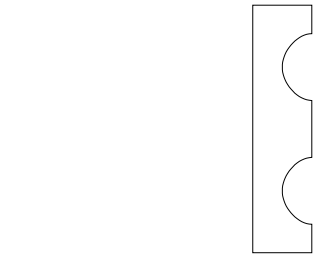
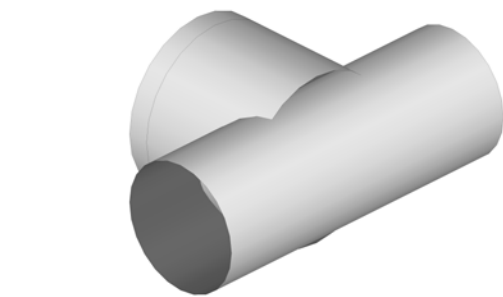


Dims	Options	
A=Diameter	Seam Position	0.000
B=Length	2 Parts	No
C=Slice Depth	Vee Notch Angle	20.000
D=Left Collar	Vee Notch Depth (C1)	0.000
E=Right Collar	Vee Notch Depth (C2)	0.000
	Seam For Weathering	No
	Slice Full Length	No
	Seam Position	Top
	Notch Corners	No
	Notch Connectors	No
	Draw C1	No
	Draw C2	No

Damper:

CID: 392

Round

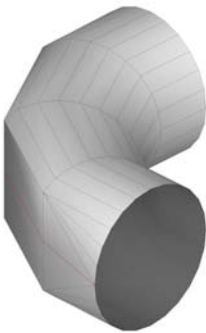


Dims	Options	
A=Pipe Diameter	Branch Parts	1
B=Tap Diameter #1	First Break	0.000
C=Tap Length #1	Second Break	0.000
D=Angle #1	Third Break	0.000
E=Offset #1	Seam Position	0.000
F=Extension #1	Pipe Diameter Type	Nominal
	Branch Diameter Type	Nominal
	Hole Adjust	0.000
	Branch Allowance To Pipe	0.000
	Cut Back Allowance (%)	0.000
	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto

Damper:
None

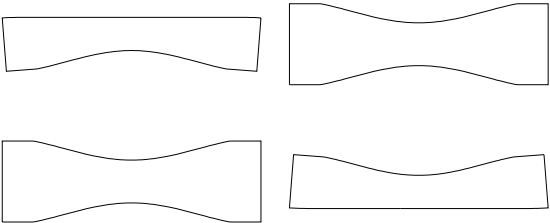
CID: 393

Round



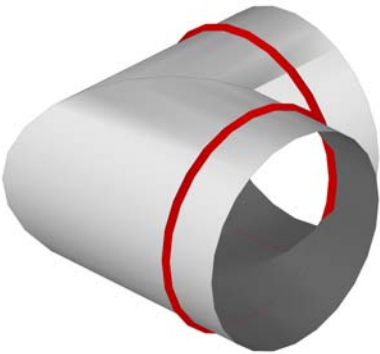
Dims	Options	
A=Diameter	Number Of Segments	4 Conn's
B=Inner Radius	Seam Position	0.000 C1
C=Angle	Start Segment	2 C2
D=Bottom Extension	End Segment	3 C3
E=Top Extension	Leg Lengths	No
F=Slice Depth	Length Includes Extensions	No
G=Slice Angle	Seam Position	Top
	2 Parts	No
	Notch Corners	No
	Notch Connectors	No Seams
	Draw C2	No S1
	Draw C3	No

Damper:



CID: 394

Round

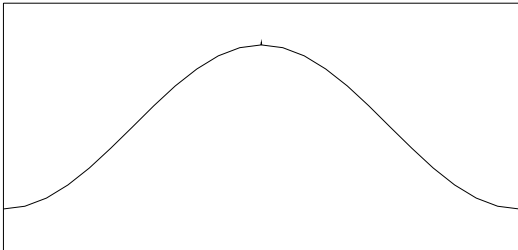


Dims	Options	
A=Bottom Diameter	Seam Position	0.000 Conn's
B=Top Diameter	Bottom Diameter Type	Nominal C1
C=Angle	Top Diameter Type	Nominal C2
D=Bottom Extension	Turnover	0.000
E=Top Extension	Splitters	No
	Splitter Adjust	0.000
	2 Parts	No
	Splitters	4

Seams

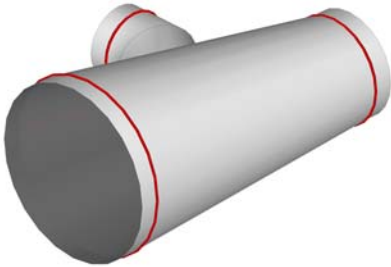
S1

Damper:



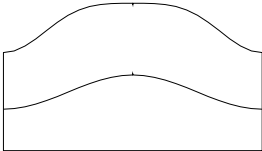
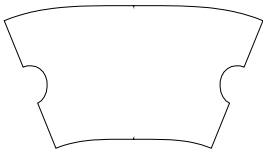
CID: 395

Round



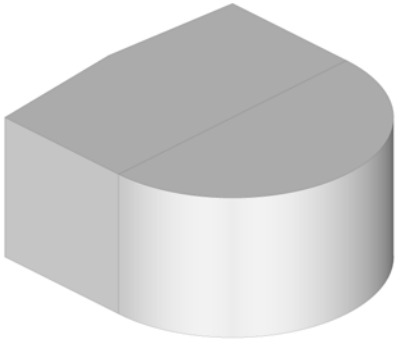
Dims	Options		
A=Left Diameter	Pipe Parts	1	Conn's
B=Right Diameter	Branch Parts	1	C1
C=Pipe Length	Seam Position	On Hole	C2
D=Y-Offset	Diameter Type BE	Nominal	C3
E=Left Collar	Diameter Type SE	Nominal	C4
F=Right Collar	Branch Diameter Type	Nominal	
G=Tap Diameter	Hole Adjust	0.000	
H=Tap Length	Branch Allowance To Pipe	0.000	
I=Angle	Throat Cut Back (Degrees)	0.000	
J=Inset	Branch Inset	Front	Seams
K=Extension			S1
L=Collar			S2

Damper:



CID: 397

Rectangular

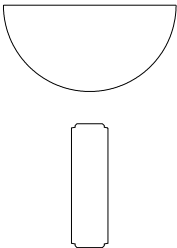
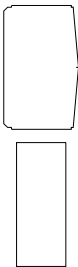
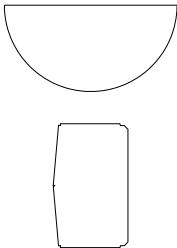


Dims	Options		
A=Radius	Six Parts Left Lap	None	Conn's
B=Left Height	Connector	Left	C1
C=Length	Vee Depth Female	0.000	
D=Left Angle	Vee Angle Female	30.000	
E=Six Parts Left Height	Alternate Weathering	No	
F=Right Ang	Clip Holes	No	
G=Right Height	Split Radius Parts	No	

Seams

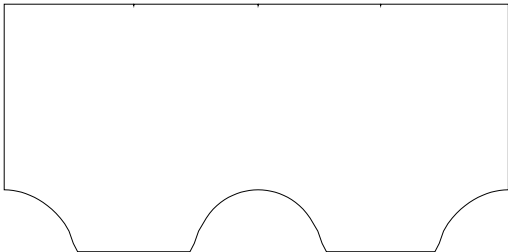
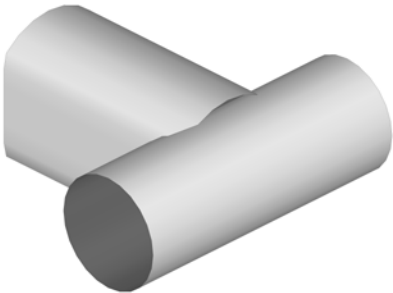
S1

Damper:



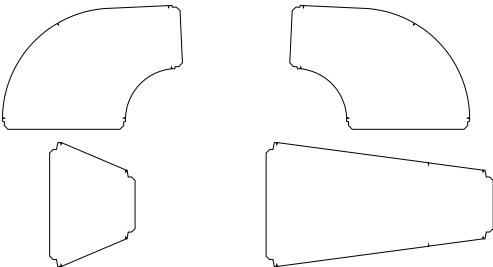
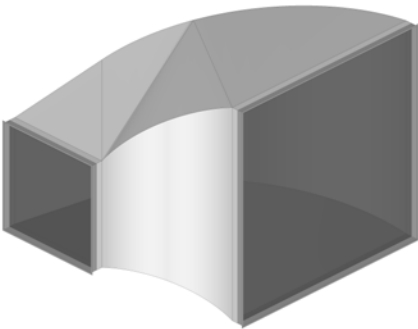
CID: 398

Round



CID: 399

Rectangular



Dims	Options	
A=Tap Diameter	Seam Position	Right
B=Pipe Diameter	Pipe Diameter Type	Nominal
C=Tap Length	Branch Diameter Type	Nominal
D=Offset-Depth	Flat Allowance To Pipe	0.000
E=Offset-Width	Round Allowance To Pipe	0.000
	Branch Parts	1

Seams
S1

Damper:

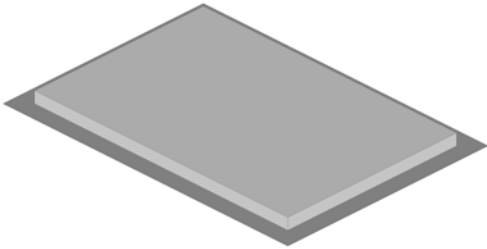
Dims	Options	
A=Btm Width	Throat Type	Radius
B=Btm Depth	Vee Depth Male	Auto
C=Top Width	Vee Depth Female	Auto
D=Top Depth	Vee Angle Male	30
E=Angle	Vee Angle Female	30
F=Top Extension	Offset	Top Down
G=Bottom Extension	Bending	Left
H=Inner Radius	Allow Central Tie Rods	Yes
I=Offset	Straight Edge Wrappers	No
	Splitters	0
	Splitter Slit Angle	10.000
	Intersect Splitter Holes	No

Seams
S1

Damper:

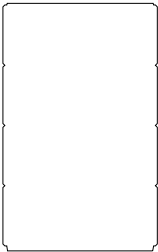
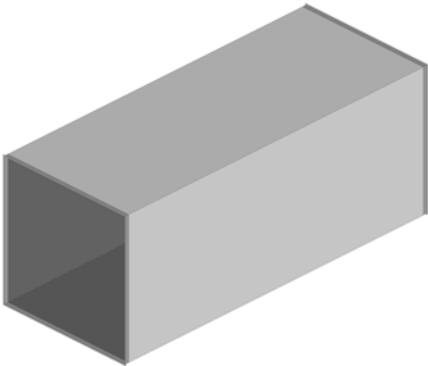
CID: 401

Rectangular



CID: 410

Rectangular



Dims		Options	
A=a	Vee Notch Angle	90	Conn's
B=b	Duct Adjust	0.000	C1
C=e	Minimum Part Area	0.000	C2

Seams

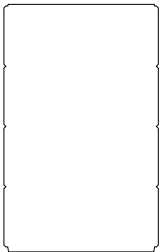
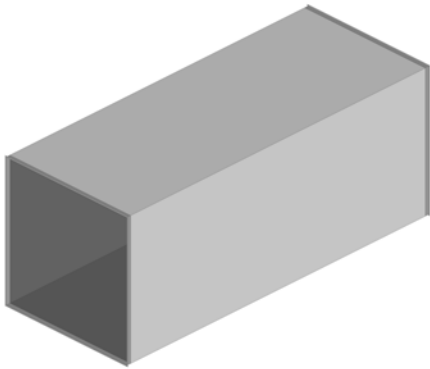
Damper:

Dims		Options	
A=a	Straight Type	1 Part Straight	Conn's
B=b	Female Allow	Shortest Side	C1
C=l	1xU,1xI	Shortest Side	C2
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Beading	No	Seams
	Insulation Parts	Same	S1
	Insulation UI	Shortest Side	

Damper:

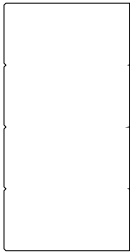
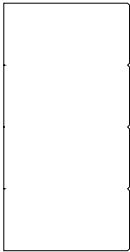
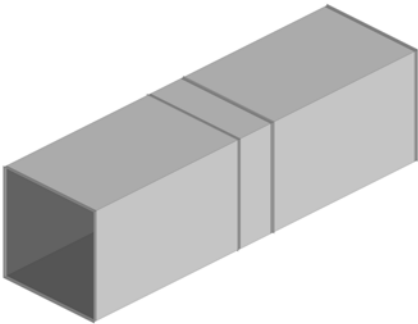
CID: 411

Rectangular



CID: 412

Rectangular



Dims	Options	
A=a	Straight Type	1 Part Straight
B=b	Female Allow	Shortest Side
C=l	1xU,1xl	Shortest Side
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same
	Insulation UI	Shortest Side

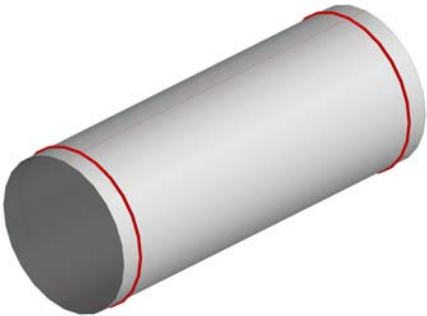
Damper:

Dims	Options	
A=a	Straight Type	1 Part Straight
B=b	Female Allow	Shortest Side
C=l	1xU,1xl	Shortest Side
D=e	Connector Fold Notch	Use Default
E=f	Vee Notch Depth	Auto
F=a	Vee Notch Angle	30.000
G=b	Duct Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same
	Insulation UI	Shortest Side

Damper:

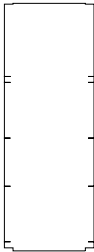
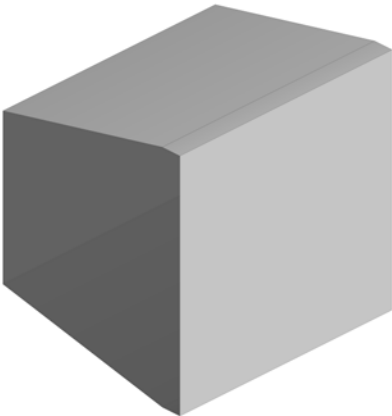
CID: 413

Round



CID: 415

Rectangular



Dims		Options	
A=d	Seam Position	0.000	Conn's
B=l	Diameter Type	Nominal	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	
	Second Break	0.000	
	Third Break	0.000	

Seams
S1

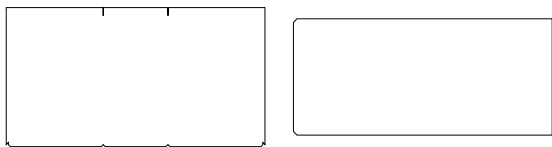
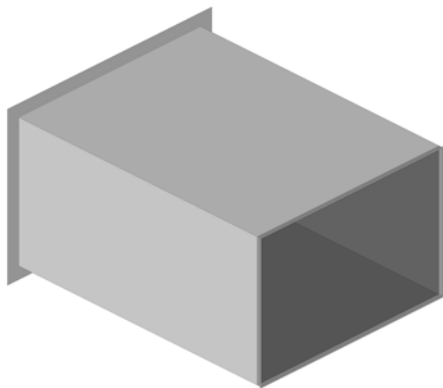
Damper:
None
None

Dims		Options	
A=a	1 Part Straight	Yes	Conn's
B=b			C1
C=c			C2
D=d			
E=e			
F=f			
G=l			

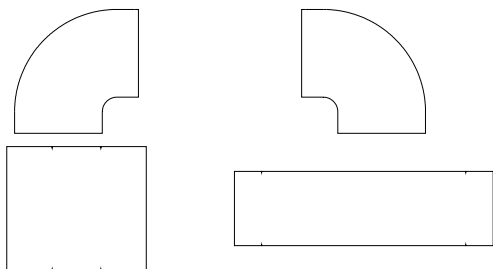
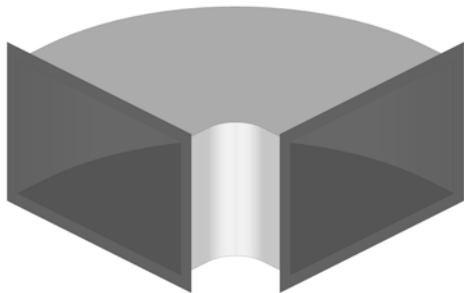
Seams
S1

Damper:

Rectangular



Rectangular

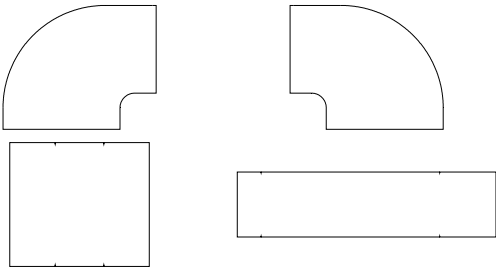
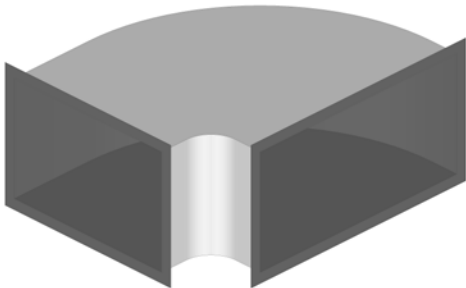


Dims		Options	
A=a	Throat Type	Mitred	Conn's
B=d	2 Parts	Yes	C1
C=b	Vee Depth Male	Auto	C2
D=l	Vee Depth Female	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	Seams
	Vee Notch Angle	30.000	S1
	Dynamic Hole Adjust	Auto	
			Damper:
			None
			None

Dims	Options		
A=a	Throat Type	Radius	Conn's
B=b	Length Adjust For Part 4	0.000	C1
C=e	Length Adjust For Part 3	0.000	C2
D=f	Vee Depth Male	Auto	
E=r	Vee Depth Female	Auto	
F=l	Vee Angle Male	30	
	Vee Angle Female	30	
	Auto Oversize	Normal	
	Seam Number For Throat		
	2 Part Wrapper	No	Seams
	Leg Lengths	No	S1
	Allow Central Tie Rods	Yes	S2
	Riser Bend	No	
	Mark Splitter Sides	No	Damper:
	Insulation Parts	Same	
	Draw Custom Insulation	No	

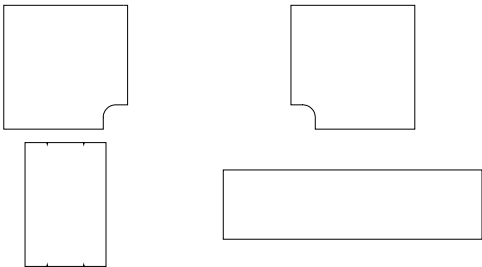
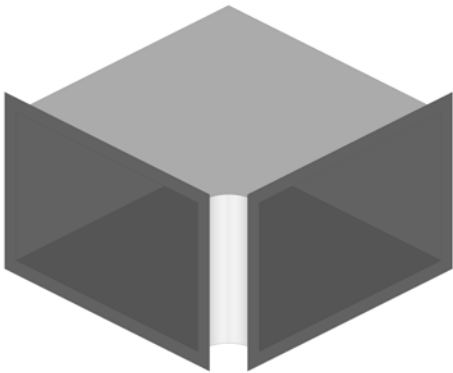
CID: 421

Rectangular



CID: 430

Rectangular

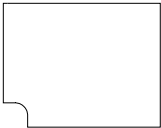
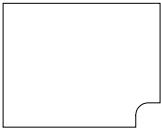
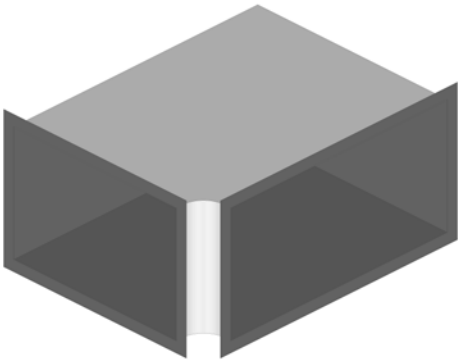


Dims		Options	
A=a	Throat Type	Radius	Conn's
B=b	Length Adjust For Part 4	0.000	C1
C=d	Length Adjust For Part 3	0.000	C2
D=e	Vee Depth Male	Auto	
E=f	Vee Depth Female	Auto	
F=r	Vee Angle Male	30	
G=l	Vee Angle Female	30	
	Auto Oversize	Normal	
	Seam Number For Throat		
	2 Part Wrapper	No	Seams
	Leg Lengths	No	S1
	Allow Central Tie Rods	Yes	S2
	Riser Bend	No	
	Mark Splitter Sides	No	Damper:
	Insulation Parts	Same	
	Draw Custom Insulation	No	

Dims		Options	
A=a	Throat Type	Radius	Conn's
B=b	Length Adjust For Part 4	0.000	C1
C=e	Length Adjust For Part 3	0.000	C2
D=f	Vee Depth Male	Auto	
E=r	Vee Depth Female	Auto	
F=l	Vee Angle Male	30	
	Vee Angle Female	30	
	3 Parts	No	
	Auto Oversize	Normal	
	Seam Number For Throat		
	2 Part Wrapper	No	Seams
	Leg Lengths	No	S1
	Allow Central Tie Rods	Yes	S2
	Riser Bend	No	Damper:
	Mark Splitter Sides	No	
	Insulation Parts	Same	
	Draw Custom Insulation	No	

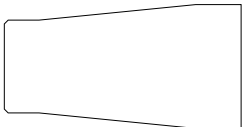
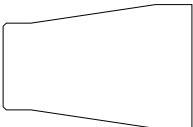
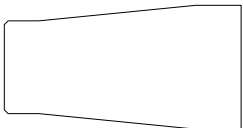
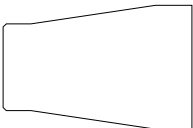
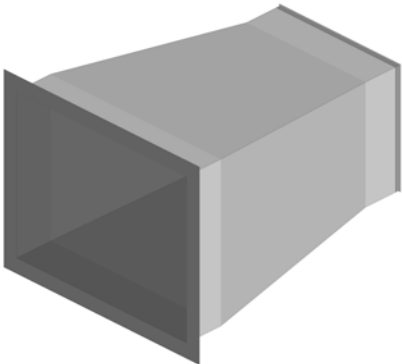
CID: 431

Rectangular



CID: 440

Rectangular

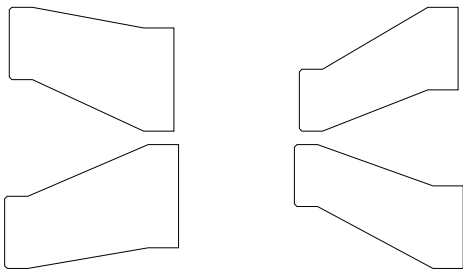
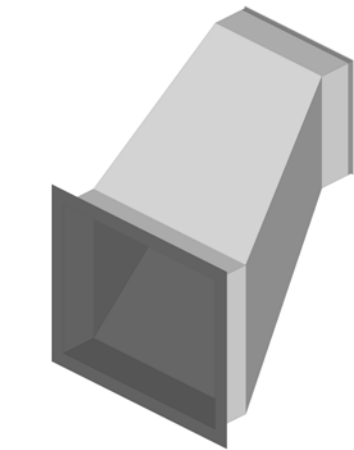


Dims		Options	
A=a	Throat Type	Radius	Conn's
B=b	Length Adjust For Part 4	0.000	C1
C=d	Length Adjust For Part 3	0.000	C2
D=e	Vee Depth Male	Auto	
E=f	Vee Depth Female	Auto	
F=r	Vee Angle Male	30	
G=l	Vee Angle Female	30	
	3 Parts	No	
	Auto Oversize	Normal	
	Seam Number For Throat		Seams
	2 Part Wrapper	No	S1
	Leg Lengths	No	S2
	Allow Central Tie Rods	Yes	
	Riser Bend	No	Damper:
	Mark Splitter Sides	No	
	Insulation Parts	Same	
	Draw Custom Insulation	No	

Dims		Options	
A=a	2 Parts	No	Conn's
B=b	3 Parts	No	C1
C=c	Vee Depth Male	Auto	C2
D=d	Vee Depth Female	Auto	
E=h	Vee Notch Angle	20.000	
F=m	Taper Notch If Straight Edge (F...	No	
G=l	Female Allow	Shortest Slope	
H=Angle	2-Sided Part Allowance	Auto	
	Estimated Width Out %age	Not Used	
	Estimated Depth Out %age	Not Used	Seams
	Offset-Width	Left In	S1
	Offset-Depth	Bottom Up	
	Taper Notch If Straight Edge (M...	No	
	Use Taper Notch For 2 Parts	Yes	Damper:
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Input	Length	
	Vee Notch Depth If Straight Edg...	Auto	
	Maximum Angle	180.000	
	Splitter Turnover	0.000	
	Splitter Extension	0.000	
	Splitter Adjust	0.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Splitter Hole Diameter	0.000	
	Number Of Holes	0.000	
	Splitters	Half	
	Hole Inset	0.000	
	Fixing Holes on Turnover	No	
	Seam Cut Back	0.000	

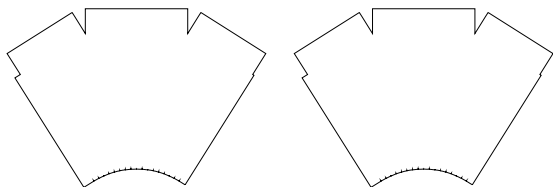
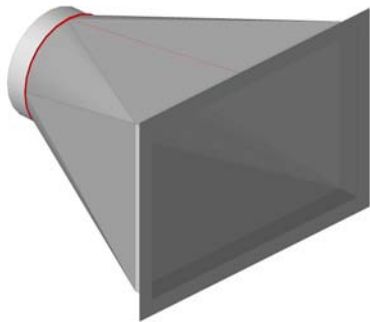
CID: 441

Rectangular



CID: 450

Rectangular/Round

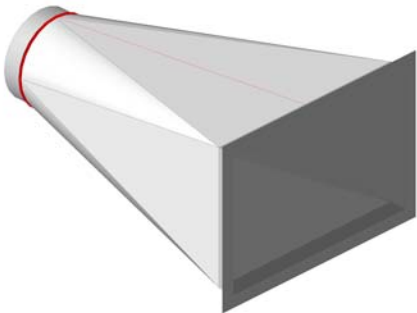


Dims	Options		
A=a	2 Parts	No	Conn's
B=b	3 Parts	No	C1
C=c	Vee Depth Male	Auto	C2
D=d	Vee Depth Female	Auto	
E=e	Vee Notch Angle	20.000	
F=f	Taper Notch If Straight Edge (F...	No	
G=h	Female Allow	Shortest Slope	
H=m	2-Sided Part Allowance	Auto	
I=l	Estimated Width Out %age	Not Used	
J=Angle	Estimated Depth Out %age	Not Used	Seams
	Offset-Width	Left In	S1
	Offset-Depth	Bottom Up	
	Taper Notch If Straight Edge (M...	No	
	Use Taper Notch For 2 Parts	Yes	Damper:
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Input	Length	
	Vee Notch Depth If Straight Edg...	Auto	
	Maximum Angle	180.000	
	Splitter Turnover	0.000	
	Splitter Extension	0.000	
	Splitter Adjust	0.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Splitter Hole Diameter	0.000	
	Number Of Holes	0.000	
	Splitters	Half	
	Hole Inset	0.000	
	Fixing Holes on Turnover	No	
	Seam Cut Back	0.000	

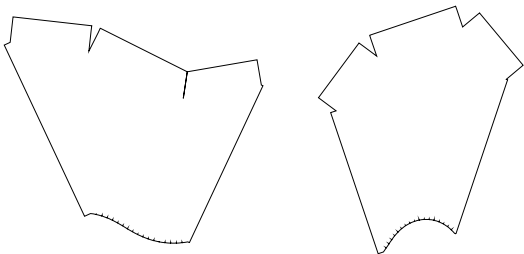
Dims	Options		
A=a	Girth Split	2	Conn's
B=b	Length Break	1	C1
C=d	Diameter Type	Nominal	C2
D=h	Seam Position	Width	
E=m	Marker Type	Notch	
F=l	Estimated Diameter %age	Not Used	
G=Corner Radius	Offset-Width	Left In	
	Offset-Depth	Bottom Up	
	Inlet	1	
	Outlet	2	Seams
	Fold Notch Depth	Full Allowance	S1
	V Notch Rectangular Extension	No	
	Seam Cut Back	None	
	Cut Back Allowance (%)	50.000	Damper:
	2 Parts 90 Degrees Seam	No	None

CID: 451

Rectangular/Round

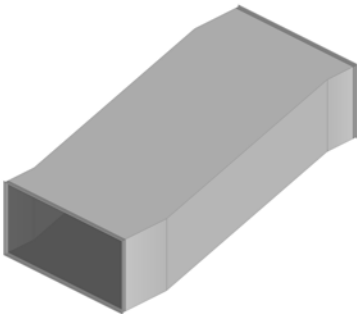


Dims		Options	
A=a	Girth Split	2	Conn's
B=b	Length Break	1	C1
C=d	Diameter Type	Nominal	C2
D=e	Seam Position	Width	
E=f	Marker Type	Notch	
F=h	Estimated Diameter %age	Not Used	
G=m	Offset-Width	Left In	
H=l	Offset-Depth	Bottom Up	
I=Corner Radius	Inlet	1	
	Outlet	2	Seams
	Fold Notch Depth	Full Allowance	S1
	V Notch Rectangular Extension	No	
	Seam Cut Back	None	
	Cut Back Allowance (%)	50.000	Damper:
	2 Parts 90 Degrees Seam	No	None

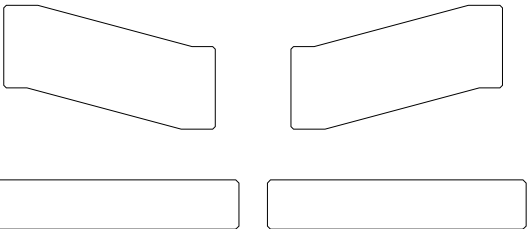


CID: 460

Rectangular

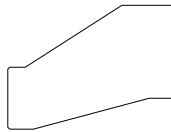
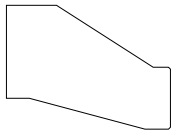
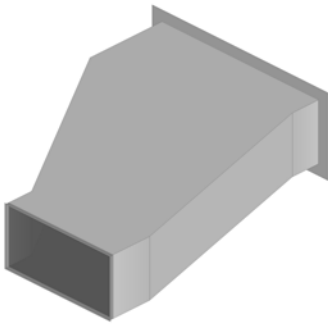


Dims		Options	
A=a	Vee Depth Male	Auto	Conn's
B=b	Vee Depth Female	Auto	C1
C=e	Vee Notch Angle	30.000	C2
D=h	Offset	Bottom Up	
E=m	Seam Cut Back	0.000	
F=l	Allow Central Tie Rods	No	
G=Angle	Insulation Parts	Same	
H=Left Extension	Split Mitre	No	
I=Right Extension			
			Seams
			S1
			Damper:
			None
			None



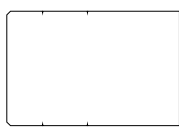
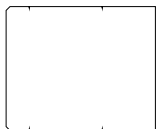
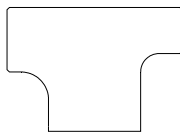
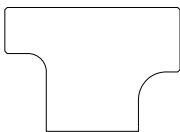
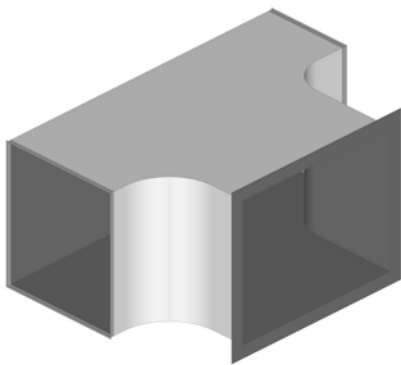
CID: 461

Rectangular



CID: 470

Rectangular



Dims	Options		
A=a	Vee Depth Male	Auto	Conn's
B=b	Vee Depth Female	Auto	C1
C=d	Vee Notch Angle	30.000	C2
D=e	Estimated Width Out %age	Not Used	
E=h	Offset	Bottom Up	
F=m	Seam Cut Back	0.000	
G=l	Allow Central Tie Rods	No	
H=Angle	Insulation Parts	Same	
I=Left Extension	Split Mitre	No	
J=Right Extension			Seams
			S1

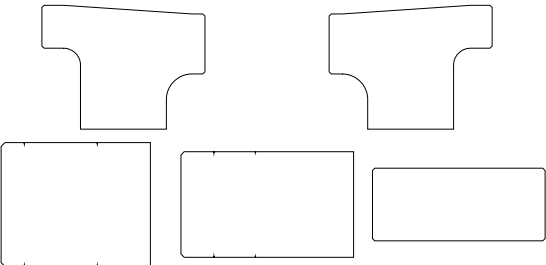
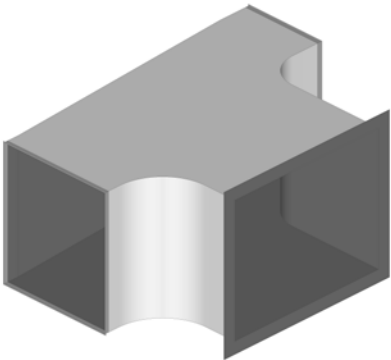
Damper:
None
None

Dims	Options		
A=a	Throat Type	Radius	Conn's
B=b	3 Parts	No	C1
C=d	Vee Depth Male	Auto	C2
D=h	Vee Depth Female	Auto	C3
E=i	Vee Notch Angle	30.000	
F=j	Estimated Width Out %age	Not Used	
G=p	Hole Diameter	0.500	
H=q	Hole Spacing	2.000	
I=r	Splitters	No	
J=Splitter Distance	Inlet	1	Seams
	Outlet	2	S1
	Insulation Parts	Same	

Damper:

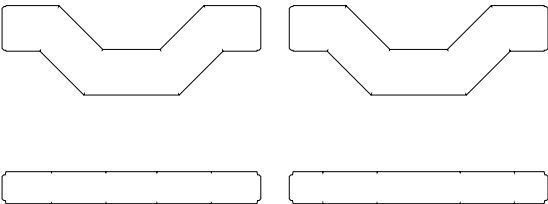
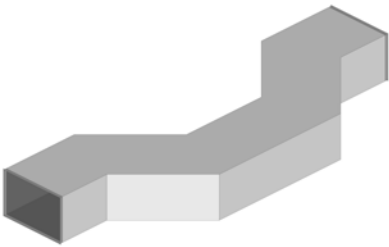
CID: 471

Rectangular



CID: 472

Rectangular



Dims		Options	
A=a	Throat Type	Radius	Conn's
B=b	3 Parts	No	C1
C=d	Vee Depth Male	Auto	C2
D=e	Vee Depth Female	Auto	C3
E=h	Vee Notch Angle	30.000	
F=i	Estimated Width Out %age	Not Used	
G=j	Hole Diameter	0.500	
H=p	Hole Spacing	2.000	
I=q	Splitters	No	
J=r	Inlet	1	Seams
K=Splitter Distance	Outlet	2	S1
	Insulation Parts	Same	

Damper:

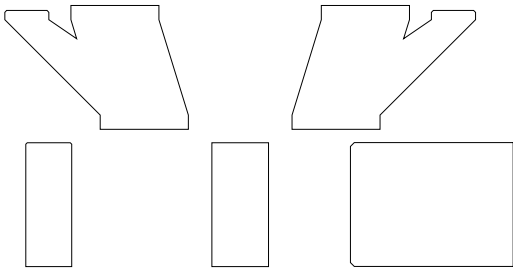
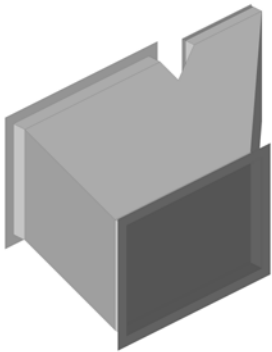
Dims		Options	
A=Left Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Right Width	Vee Notch Angle	30.000	C2
D=Center Length	Length Includes Extensions	No	
E=Left Extension	Center Width	No	
F=Right Extension			
G=Offset			
H=Angle			
I=Total Length			

Seams
S1

Damper:

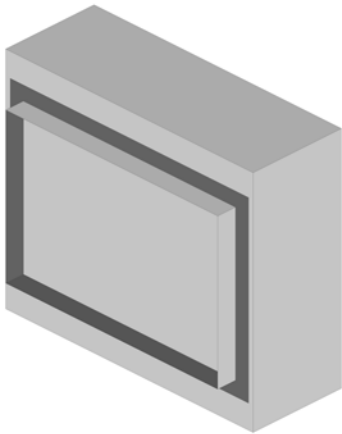
CID: 480

Rectangular



CID: 501

Rectangular

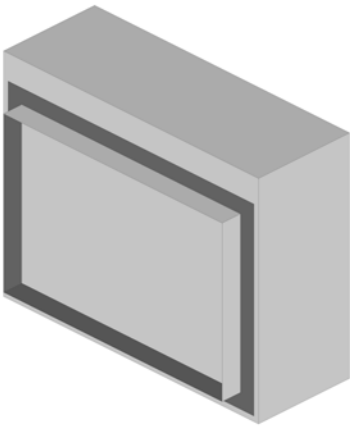


Dims	Options		
A=a	Vee Depth Male	Auto	Conn's
B=b	Vee Depth Female	Auto	C1
C=d	Vee Angle Male	30	C2
D=e	Vee Angle Female	30	C3
E=h	Offset-Depth	Bottom Up	
F=i	Offset-Width	Left Out	
G=j			
H=l			
I=m			
J=Branch Height			
			Seams
			S1
			S2
			Damper:

Dims	Options		
A=Width	Install Type	Plain	Conn's
B=Depth	Control Type	Plain	C1
C=Length	Type	Single	C2
D=Inset	Temperature Type	None	
E=Sides	Draw Type	None	
F=Top	Lines	No	
	X-Offset	0.000	
	Y-Offset	0.000	
	Position	Left	
	Orientation	Vertically Down	Seams
	Detail	Low	
	Cost Supports	No	
	Lines Type	Quantity	
	Lines	3.000	Damper:

CID: 502

Rectangular



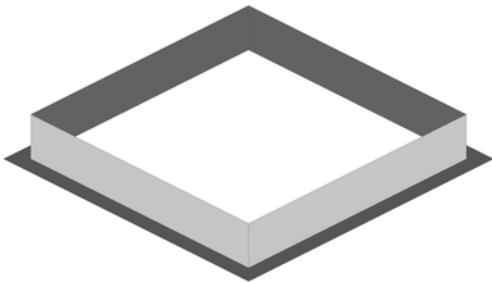
Dims	Options	
A=Width	Install Type	Plain
B=Depth	Control Type	Plain C1
C=Length	Type	Single C2
D=Inset	Temperature Type	None
E=Sides	Draw Type	None
F=Top	Lines	No
G=Bottom	X-Offset	0.000
	Y-Offset	0.000
	Connector 1 Outside	No
	Connector 2 Outside	No
	Position	Left
	Orientation	Vertically Down
	Detail	Low
	Cost Supports	No
	Lines Type	Quantity
	Lines	3.000

Seams

Damper:

CID: 503

Rectangular



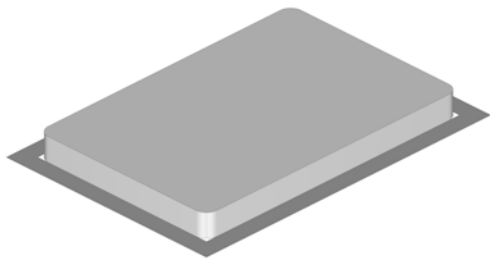
Dims	Options	
A=Width	Position From	Edge
B=Depth	Lines	3 C1
C=Height	Rotation	0.000 C2
D=Plate Border (Width)	Arrows/Lines	None
E=Plate Border (Depth)	Arrows/Lines Sides	0
	Lines/Circles Spacing	1.000
	Arrows Direction	Auto
	Circles	No
	Arrows Type	1
	Shape	Rectangular
	Diffuser Type	None
	Number of Blades	20
	Blade Shape	Curved
	Grid Lines	20
	Connector 4	Left
	Connector 5	Left
	Connector 6	Left
	Connector 7	Left
	Sides Angled	No
	Connector 8	None

Seams

Damper:

CID: 504

Rectangular

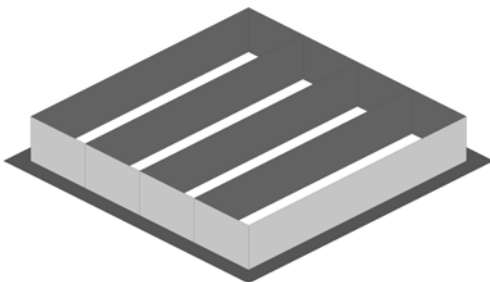


Dims		Options	
A=Width	Number Of Locks	0	Conn's
B=Depth	Area Of Influence X	0.000	C1
C=Turnover	Area Of Influence Y	0.000	C2
D=Corner Radius	Area Of Influence Z	0.000	
E=Inner Diameter	Mirror	No	
F=Outer Diameter	Dynamic Hole Adjust	Auto	
G=Depth #1			
H=Depth #2			
I=Inset			Seams

Damper:

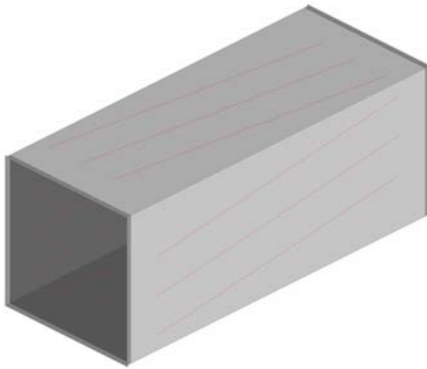
CID: 505

Rectangular



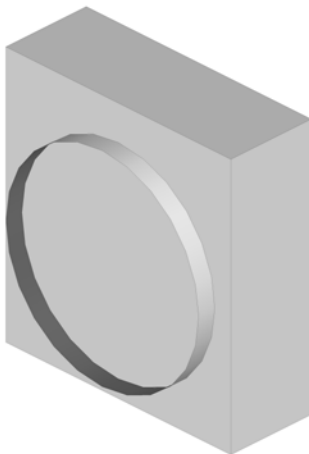
Dims	Options		
A=Width	Type	Supply	Conn's
B=Depth	Position From	Edge	C1
C=Height	Lines	3	C2
D=Plate Border (Width)	Rotation	0.000	
E=Plate Border (Depth)	Arrows/Lines	None	
	Arrows/Lines Sides	0	
	Lines/Circles Spacing	1.000	
	Arrows Direction	Auto	
	Circles	No	
	Arrows Type	1	Seams
	Shape	Rectangular	
	Diffuser Type	None	
	Number of Blades	20	
	Blade Shape	Curved	Damper:
	Grid Lines	20	
	Connector 4	Left	
	Connector 5	Left	
	Connector 6	Left	
	Connector 7	Left	
	Sides Angled	No	
	Connector 8	None	
	Cost Supports	No	

Rectangular



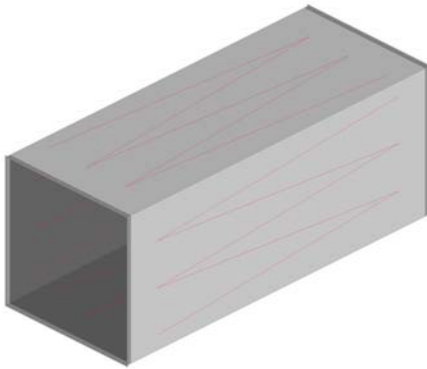
Damper:

Round/Flat Oval



Damper:

Rectangular

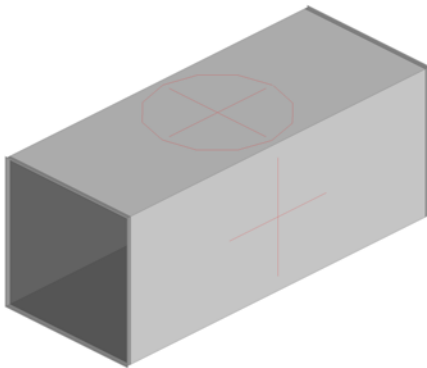


Dims	Options		
A=Width	Type	Plain	Conn's
B=Depth	Type	Single	
C=Length	Type	Multiple Banks	C2
D=Damper Angle	X-Offset	0.000	
	Y-Offset	0.000	
	Develop	No	
	Handle Points	6	

Seams

Damper:

Rectangular



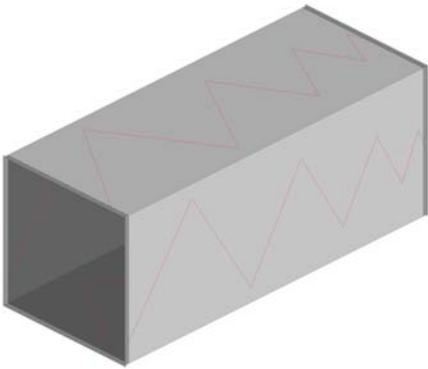
Dims	Options		
A=Width	Type	Heater	Conn's
B=Depth	Chevron	0	C1
C=Length	Develop	No	C2

Seams

Damper:

CID: 519

Rectangular



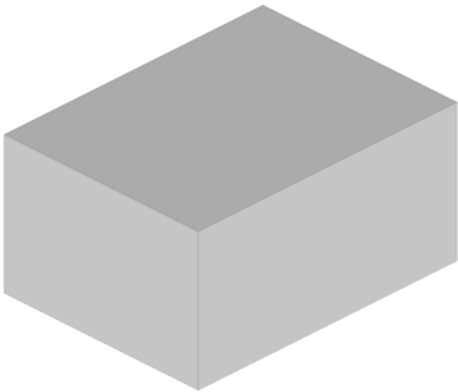
Dims		Options	
A=Width		Draw Type	Attenuator
B=Depth		Develop	No C1
C=Length		Lines Type	Quantity C2
		Lines	3.000

Seams

Damper:

CID: 521

Rectangular/Standard



Dims		Options	
A=Width		Inlet	1
B=Depth		Outlet	1
C=Length		Library	Duct
		Type	None
		Cost Supports	No

Seams

Damper:

CID: 522

Round/Flat Oval



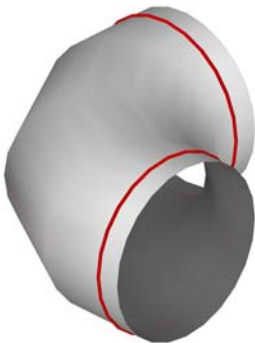
Dims	Options		
A=Diameter	Sex Type	Male	Conn's
B=Collar			C1
C=Length			C2
D=Offset			
E=Oval Depth			

Seams
S1

Damper:

CID: 523

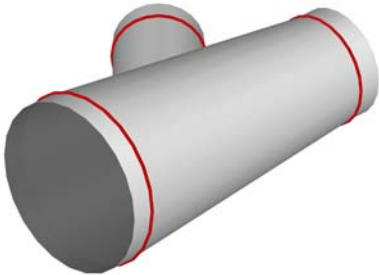
Round



Dims	Options		
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Diameter Type	Nominal	C1
C=Angle	Angle Tolerance	0.000	C2
D=Bottom Extension	Mark Sides	No	C3
E=Top Extension	Leg Lengths	No	
	Fixing Holes On Extension	Yes	
	Square Outer Insulation	No	
	Outer Insulation Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	Seams
	Splitter Adjust	0.000	S1
	Splitter Shape	Angled	
	Splitter Type	Partial	
	Item Volume	Segmented	Damper:
	Develop	No	None
			None

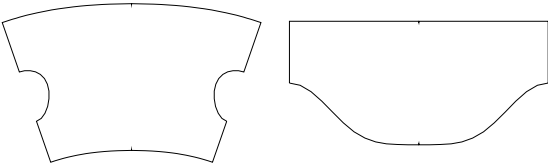
CID: 524

Round



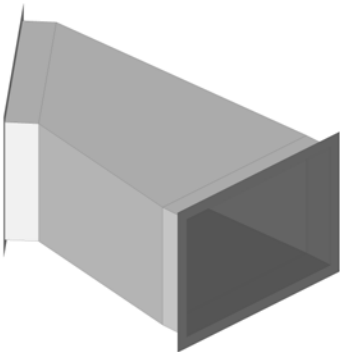
Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	C1
C=Pipe Length	Seam Position	On Hole	C2
D=Y-Offset	Diameter Type BE	Nominal	C3
E=Left Extension	Diameter Type SE	Nominal	
F=Right Extension	Branch Diameter Type	Nominal	
G=Tap Diameter	Hole Adjust	0.000	
H=Tap Length	Branch Allowance To Pipe	0.000	
I=Angle	Throat Cut Back (Degrees)	0.000	
J=Inset			Seams
K=Extension			S1
			S2

Damper:



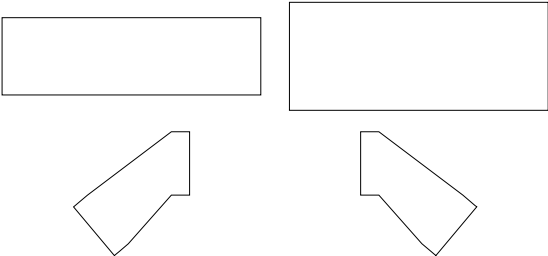
CID: 525

Rectangular



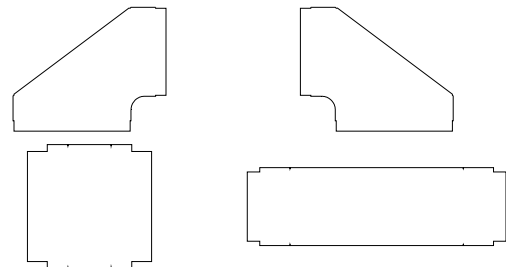
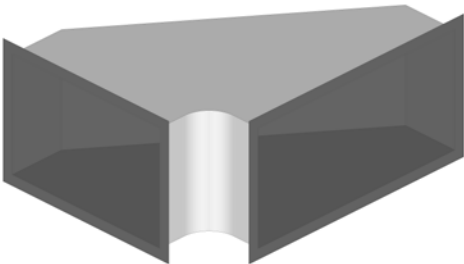
Dims		Options	
A=Width In	Folds	Out	Conn's
B=Depth In	Offset-Width	Right In	C1
C=Width Out			C2
D=Depth Out			
E=Length			
F=Angle			
G=Extension In			
H=Extension Out			
I=Offset-Width			
			Seams
			S1

Damper:



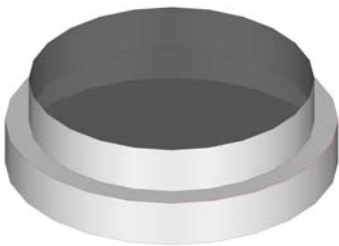
CID: 526

Rectangular



CID: 530

Round/Flat Oval



Dims		Options	
A=Top Width	Throat Type	Radius	Conn's
B=Depth	Length Adjust For Part 4	0.000	C1
C=Btm Width	Length Adjust For Part 3	0.000	C2
D=Top Inner Extension	Vee Depth Male	Auto	
E=Bottom Inner Extension	Vee Depth Female	Auto	
F=Inner Radius	Vee Angle Male	30	
G=Top Outer Extension	Vee Angle Female	30	
H=Bottom Outer Extension	Auto Oversize	Normal	
	Seam Number For Throat		
	Leg Lengths	No	Seams
	Allow Central Tie Rods	Yes	S1
	Riser Bend	No	S2
	Folding Lines	No	
	Mark Splitter Sides	No	Damper:
	Insulation Parts	Same	
	Draw Custom Insulation	No	

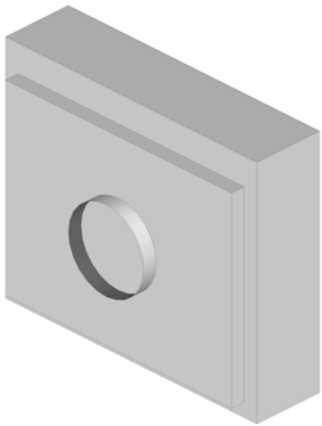
Dims		Options	
A=Diameter	Sex Type	Male	Conn's
B=Collar	Extension includes Diameter	No	C1
C=Length	Type	None	C2
D=Offset	Circles	0	
E=Oval Depth	Cost Supports	No	

Seams
S1

Damper:

CID: 533

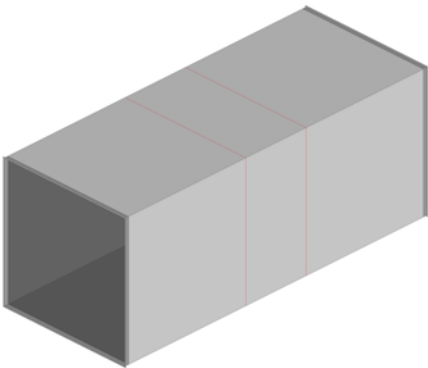
Round/Flat Oval



Dims	Options		
A=Diameter	Install Type	Plain	Conn's
B=Width	Sex Type	Male	C1
C=Depth	Control Type	Plain	C2
D=Length	Type	Single	
E=Inset	Draw Type	None	
F=Inset	Temperature Type	None	
G=Sides	Draw Type	None	
H=Top	Lines	No	
I=Bottom	X-Offset	0.000	
J=Collar	Y-Offset	0.000	Seams
K=Right Collar	Position	Left	
L=Oval Depth	Orientation	Vertically Down	
	Detail	Low	
	Cost Supports	No	Damper:
	Lines Type	Quantity	
	Lines	3.000	

CID: 535

Rectangular



Dims	Options		
A=Width	Draw Type	None	Conn's
B=Depth	Develop	No	C1
C=Length	Lines Type	Quantity	C2
	Lines	3.000	

Seams

Damper:

CID: 555

Round/Flat Oval



Dims	Options	
A=Diameter	Type	Plain
B=Collar	Sex Type	Male
C=Length	Pattern	Single
D=Oval Depth	Mirror	No
	Mirror View	No
	X-Offset	0.000
	Y-Offset	0.000
	Cost Supports	No

Seams
S1

Damper:

CID: 556

Round/Flat Oval



Dims	Options	
A=Diameter	Sex Type	Male
B=Collar	Draw Type	Plain
C=Length	Lines Type	Quantity
D=Offset	Lines	3.000
E=Oval Depth		

Seams
S1

Damper:

CID: 580

Round



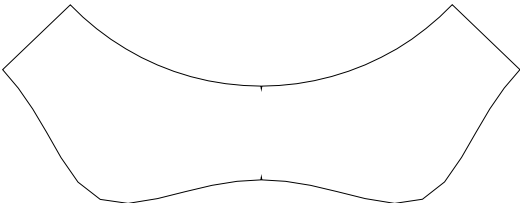
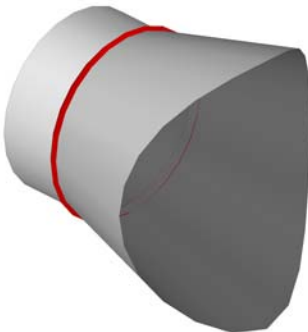
Dims		Options	
A=Width	Pipe Diameter Type	Nominal	Conn's
B=Branch Width #1	Branch Diameter Type	Nominal	C1
C=Branch Depth #1	Outline Only	Yes	C2
D=Panel Depth	Show Duct	No	C3
E=Handle Top Diameter	Handle Points	6	
F=Handle Bottom Diameter			
G=Handle Top Length			
H=Handle Bottom Length			
I=Handle Inset			

Seams
S1
S2

Damper:

CID: 751

Round

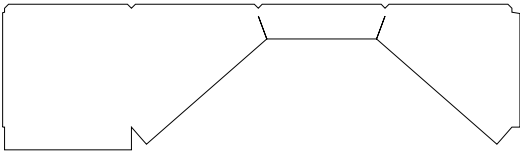
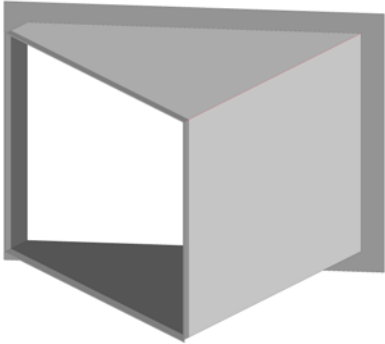


Dims		Options	
A=Pipe Diameter	Branch Parts	1	Conn's
B=Tap Diameter	Seam Position	0.000	C1
C=Tap Length	Pipe Diameter Type	Nominal	C2
D=Angle	Branch Diameter Type	Nominal	C3
E=Collar	Hole Adjust	0.000	
F=Btm Width	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	
	Plate Border	0.000	
	Plate Type	Rectangular	
	Input	Angle	Seams
	Plate Border (Width)	Auto	S1
	Reducer Parts	1	S2

Damper:
None
None
None

CID: 760

Rectangular



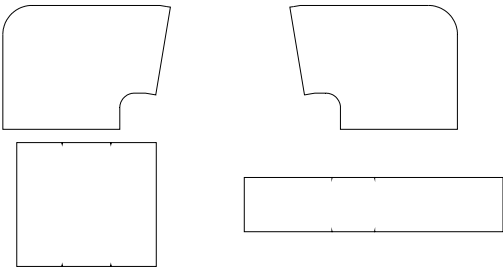
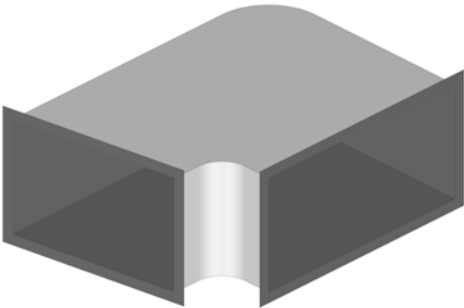
Dims	Options		
A=Width	Branch Parts	1	Conn's
B=Depth	Input	Both Lengths	C1
C=Length #1			C2
D=Angle			
E=Length #2			
F=Width			

Seams
S1

Damper:

CID: 761

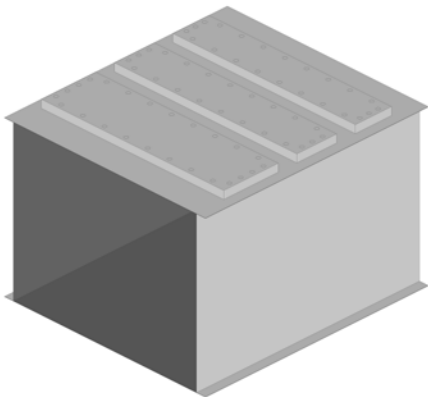
Rectangular



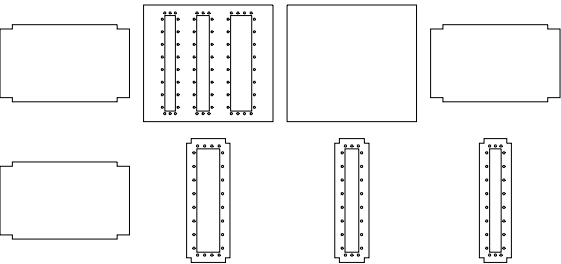
Dims	Options		
A=Top Width	Throat Type	Radius	Conn's
B=Depth	Length Adjust For Part 4	0.000	C1
C=Btm Width	Length Adjust For Part 3	0.000	C2
D=Angle	Vee Depth Male	Auto	
E=Top Inner Extension	Vee Depth Female	Auto	
F=Bottom Extension	Vee Angle Male	30	
G=Inner Radius	Vee Angle Female	30	
H=Outer Radius	3 Parts	No	
I=Top Outer Extension	Auto Oversize	Normal	
	Seam Number For Throat		Seams
	2 Part Wrapper	No	S1
	Leg Lengths	No	S2
	Allow Central Tie Rods	Yes	
	Riser Bend	No	Damper:
	Mark Splitter Sides	No	
	Insulation Parts	Same	
	Draw Custom Insulation	No	

CID: 764

Rectangular

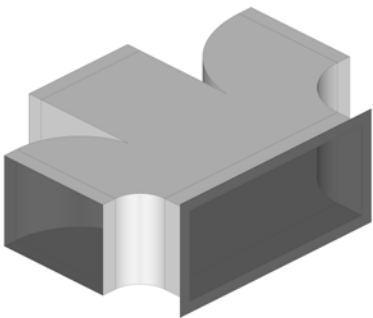


Dims	Options		
A=a	Hole	Top	Conn's
B=b	Hole	Top	C1
C=c	Hole	Top	C2
D=d	Number of Holes - Side A		8
E=e	Number of Holes - Side L		4
F=f	Number of Holes - Side L		3
G=g	Number of Holes - Side L		3
H=h	Hole Diameter		0.400
I=i	Hole Inset		Auto
J=J1	Vee Notch Depth		0.100
K=J2	Vee Notch Angle		30.000
L=J3	2 Parts		No
M=K1	Door Size Reduction		0.000
N=K2			
O=K3			
P=l			
Q=p			
R=r			

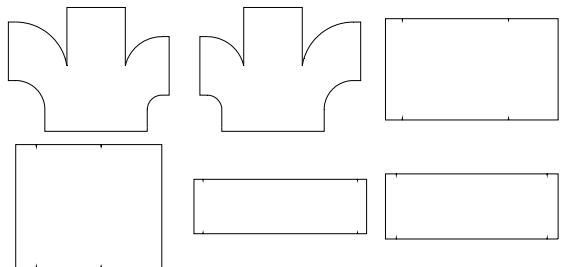


CID: 800

Rectangular

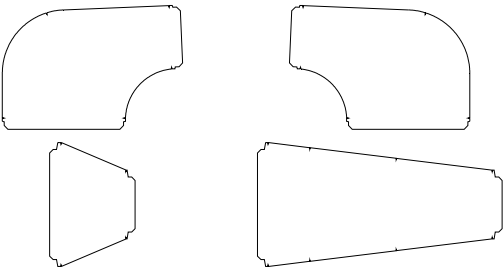
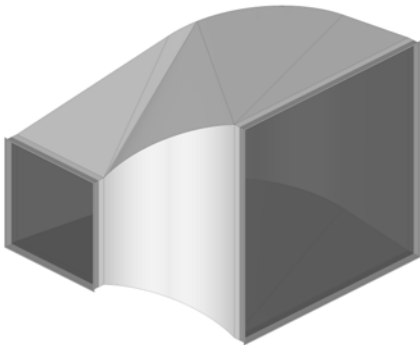


Dims	Options		
A=Btm Width	Right Throat Type	Radius	Conn's
B=Depth	Left Throat Type	Radius	C1
C=Top Width	Vee Depth Male	Auto	C2
D=Right Width	Vee Depth Female	Auto	C3
E=Left Width	Vee Angle Male	30	C4
F=Height	Vee Angle Female	30	
G=Right Height	Right Heel Type	Radius	
H=Left Height	Left Heel Type	Radius	
I=Right Radius	Junction Notch	Use Default	
J=Left Radius	Vee Notch Angle	20.000	Seams
K=Right Ang	2 Part Wrapper	No	S1
L=Left Angle	Top Right	Straight	S2
M=Btm Right Extension	Top Left	Straight	
N=Btm Left Extension	Outlet	2	Damper:
O=Right Extension	Insulation Parts	Same	
P=Left Extension			
Q=Top Extension			



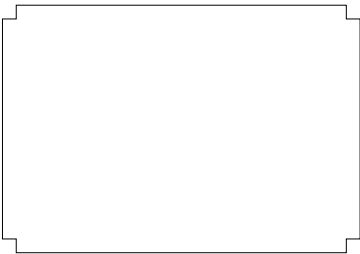
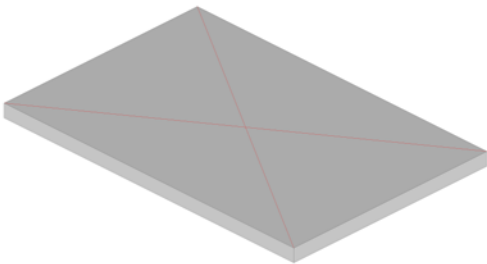
CID: 801

Rectangular



CID: 802

Rectangular



Dims	Options	
A=Btm Width	Throat Type	Radius
B=Btm Depth	Vee Depth Male	Auto
C=Top Width	Vee Depth Female	C1
D=Top Depth	Vee Angle Male	Auto
E=Angle	Vee Angle Female	C2
F=Top Extension	Offset	30
G=Bottom Extension	Bending	30
H=Inner Radius	Allow Central Tie Rods	Top Down
I=Outer Radius	Straight Edge Wrappers	Left
J=Offset	Splitters	Yes
	Splitter Slit Angle	No
	Intersect Splitter Holes	0
		10.000
		No

Damper:

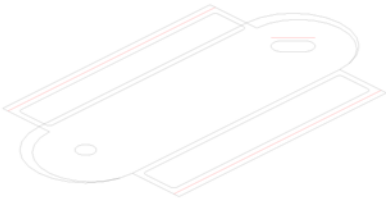
Dims	Options	
A=Width	Vee Notch Angle	90
B=Depth	Duct Adjust	0.000
C=Turnover	Mirror	C1
	Symbol	No
		C2
		Yes

Seams

Damper:

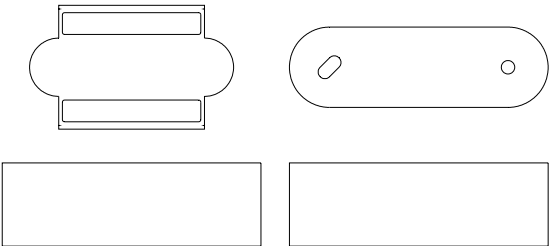
CID: 803

Standard



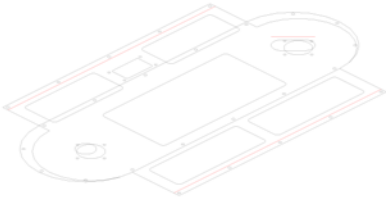
Dims	Options	
A=Length	Wrapper Width Adjust	0.080
B=Radius	Side Holes	Single
C=Depth	Hole Length	4.000
D=Turnover	Hole Width	0.800
E=Border	X Distance	0.800
F=Corner Radius	Y Distance	0.800
G=Hole Diameter		
H=Slot Width		
I=Slot Length		
J=Slot Angle		
		Seams

Damper:



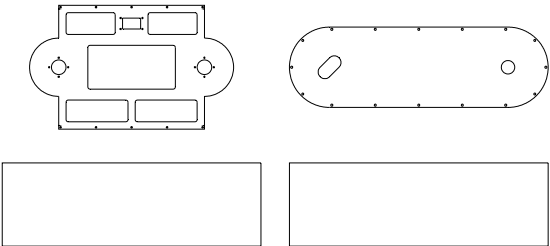
CID: 804

Standard



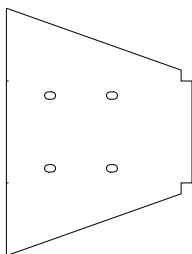
Dims	Options	
A=Length	Wrapper Width Adjust	0.080
B=Radius	Center Hole	Yes
C=Depth	Side Holes	Yes
D=Turnover	Center Hole	Yes
E=Border		
F=Corner Radius		
G=Hole Diameter		
H=Slot Width		
I=Slot Length		
J=Slot Angle		
K=Fixing Hole Diameter		
L=Edge Hole Diameter		
M=Hole Spacing		
N=Border		
O=Hole Diameter		
P=P.C.D.		
Q=Hole Length		
R=Hole Width		
S=Corner Radius		
T=Hole Spacing		
		Seams

Damper:



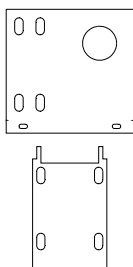
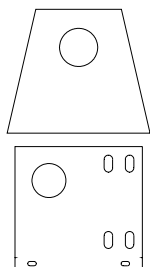
CID: 805

Standard



CID: 806

Standard



Dims	Options	Conn's
A=Width		
B=Length		
C=Height		
D=Turnover		
E=Y Distance		
F=X Distance		
G=Inset		
H=Hole Length		
I=Hole Width		

Seams

Damper:

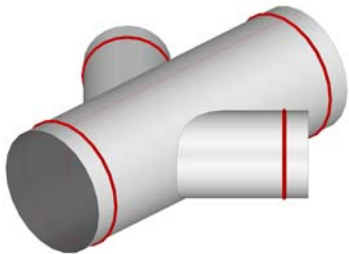
Dims		Options	
A=Top Width	Width Adjust	0.000	Conn's
B=Btm Width	Side Holes		Yes
C=Height	3 Parts		Yes
D=Length	Allowance		Thickness
E=Hole Inset			
F=Hole Diameter			
G=Turnover			
H=Hole Spacing			
I=Hole Inset			
J=Hole Offset			Seams
K=Hole Length			
L=Hole Width			
M=Hole Spacing			
N=Hole Spacing			
O=Hole Inset			Damper:
P=Hole Length			
Q=Hole Width			
R=Length			
S=Distance			
T=Distance			
U=Length			
V=Hole Inset			
W=Hole Offset			
X=Hole Spacing			
Y=Hole Spacing			
Z=Hole Length			
a=Hole Width			
b=Outside Corner Radius			

Seams

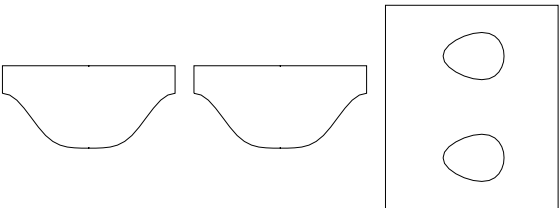
Damper:

CID: 807

Round/Fabrication

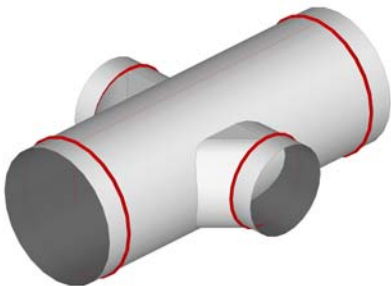


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	First Break	0.000 C2
D=Right Extension	Second Break	0.000 C3
E=Tap Diameter #1	Third Break	0.000 C4
F=Tap Length #1	Seam Position	0.000
G=Angle #1	Pipe Diameter Type	Nominal
H=Inset #1	Branch Diameter Type	Nominal
I=Offset #1	Branch Diameter Type	Nominal
J=Rotation #1	Hole Adjust	0.000 Seams
K=Extension #1	Branch Allowance To Pipe	0.000 S1
L=Tap Diameter #2	Branch Seam Position	0.000 S2
M=Tap Length #2	Throat Cut Back (Degrees)	0.000 S3
N=Angle #2	Plate Border (Circumference)	0.000
O=Inset #2	Plate Type	Rectangular Damper:
P=Offset #2	Estimated Diameter %age	Not Used None
Q=Rotation #2	Cut Back Allowance (%)	0.000 None
R=Extension #2	Use Pipe Seam For Branches	No None
	Plate Border (Length)	Auto
	End Castle Width	0.000
	End Castle Angle	30.000

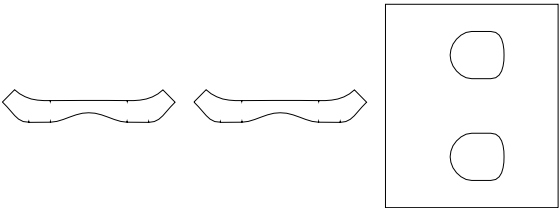


CID: 808

Round

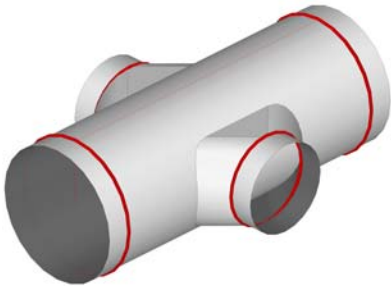


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	Seam Position	0.000 C2
D=Right Extension	Seam Position	Throat C3
E=Tap Diameter	Pipe Diameter Type	Nominal C4
F=Tap Length	Branch Diameter Type	Nominal
G=Angle	Branch Diameter Type	Nominal
H=Inset	Branch Allowance To Pipe	0.000
I=Offset	Hole Adjust	0.000
J=Rotation	Straight Notch	No Seams
K=Collar	Plate Border	0.000 S1
L=Tap Diameter	Plate Type	Rectangular S2
M=Tap Length	Plate Border (Width)	Auto S3
N=Angle	Inset	Front Damper:
O=Inset		None
P=Offset		None
Q=Rotation		
R=Collar		

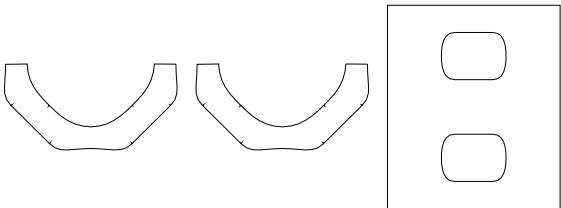


CID: 809

Round

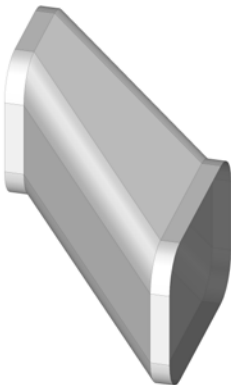


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	Seam Position	0.000
D=Right Extension	Pipe Diameter Type	Nominal
E=Tap Diameter	Branch Diameter Type	Nominal
F=Tap Length	Branch Diameter Type	Nominal
G=Angle	Branch Allowance To Pipe	0.000
H=Inset	Hole Adjust	0.000
I=Offset	Plate Border	0.000
J=Rotation	Plate Type	Rectangular
K=Collar	Plate Border (Width)	Auto
L=Tap Diameter		
M=Tap Length		
N=Angle		
O=Inset		
P=Offset		
Q=Rotation		
R=Collar		

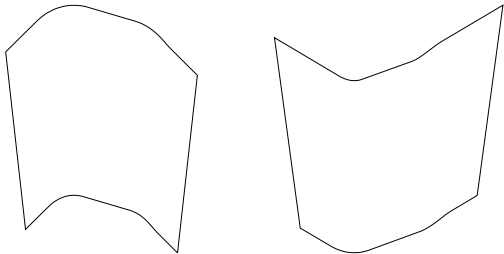


CID: 810

Rectangular/Round

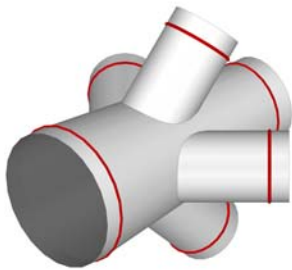


Dims	Options	
A=Width In	Girth Split	2
B=Depth In		
C=Radius In		
D=Width Out		
E=Depth Out		
F=Radius Out		
G=Length		
H=Angle In		
I=Angle Out		
J=Offset-Width		
K=Offset-Depth		
L=Extension In		
M=Extension Out		

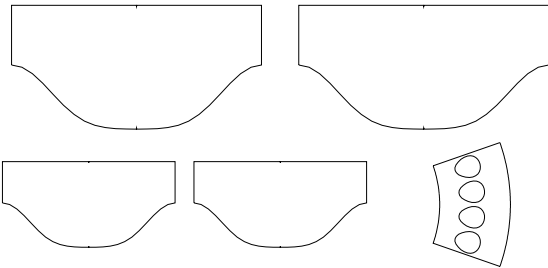


CID: 811

Round

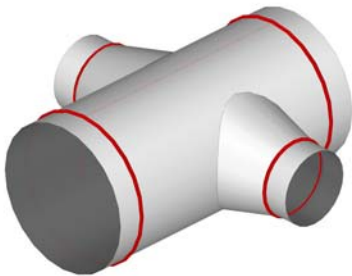


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Diameter	Branch Parts	1 C1
C=Pipe Length	First Break	0.000 C2
D=Left Extension	Second Break	0.000 C3
E=Right Extension	Third Break	0.000 C4
F=Tap Diameter #1	Seam Position	45.000 C5
G=Tap Length #1	Diameter Type BE	Nominal C6
H=Angle #1	Diameter Type SE	Nominal
I=Inset #1	Branch Diameter Type	Nominal
J=Offset #1	Branch Diameter Type	Nominal
K=Rotation #1	Branch Diameter Type	Nominal
L=Extension #1	Branch Diameter Type	Nominal
M=Tap Diameter #2	Hole Adjust	0.000 S3
N=Tap Length #2	Branch Allowance To Pipe	0.000 Damper:
O=Angle #2	Branch Seam Position	0.000 None
P=Inset #2	Throat Cut Back (Degrees)	0.000 None
Q=Offset #2	Estimated Diameter %age	Not Used None
R=Rotation #2	Cut Back Allowance (%)	0.000 None
S=Extension #2	End Castle Width	0.000
T=Tap Diameter #3	End Castle Angle	30.000
U=Tap Length #3		
V=Angle #3		
W=Inset #3		
X=Offset #3		
Y=Rotation #3		
Z=Extension #3		
a=Tap Diameter #4		
b=Tap Length #4		
c=Angle #4		
d=Inset #4		
e=Offset #4		
f=Rotation #4		
g=Extension #4		

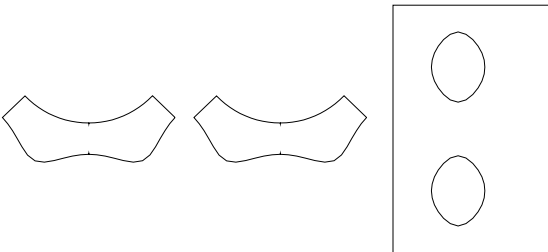


CID: 812

Round/Fabrication

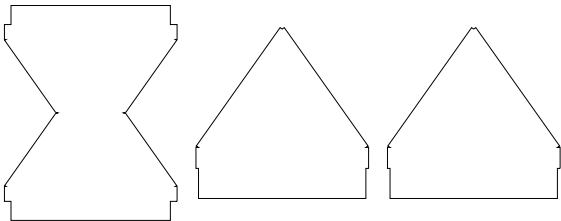
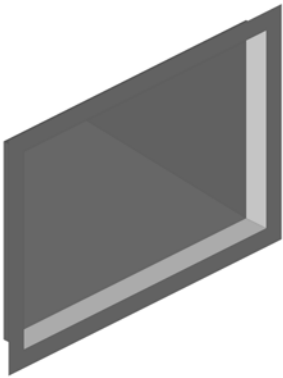


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	Seam Position	0.000 C2
D=Right Extension	Pipe Diameter Type	Nominal C3
E=Tap Diameter	Branch Diameter Type	Nominal C4
F=Tap Length	Branch Diameter Type	Nominal
G=Angle	Hole Adjust	0.000
H=Inset	Branch Allowance To Pipe	0.000
I=Rotation	Branch Seam Position	0.000
J=Collar	Plate Border	0.000
K=Tap Diameter	Plate Type	Rectangular S1
L=Tap Length	Input	Angle S2
M=Angle	Plate Border (Width)	Auto S3
N=Inset	Reducer Parts	1 Damper:
O=Rotation		None
P=Collar		None
Q=Btm Width		None
R=Btm Width		None



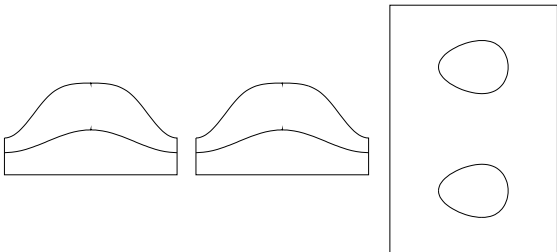
CID: 813

Rectangular



CID: 814

Round



Dims	Options		
A=Length	Vee Depth Male	Auto	Conn's
B=Width	Vee Depth Female	Auto	C1
C=Height	Vee Notch Angle	30.000	
D=Angle	Use Vee Notch	No	
E=Extension	Number Of Parts	3	

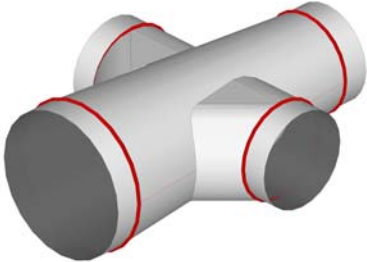
Seams
S1

Damper:

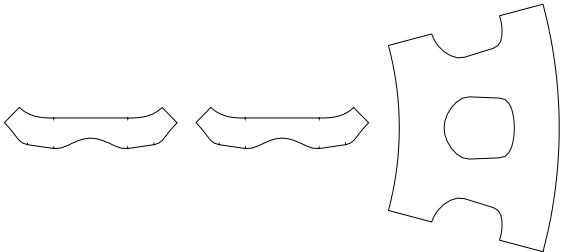
Dims	Options		
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter	Third Break	0.000	C4
F=Tap Length	Seam Position	0.000	C5
G=Angle	Pipe Diameter Type	Nominal	C6
H=Inset	Branch Diameter Type	Nominal	
I=Offset	Branch Diameter Type	Nominal	
J=Rotation	Hole Adjust	0.000	Seams
K=Extension	Branch Allowance To Pipe	0.000	S1
L=Collar	Throat Cut Back (Degrees)	0.000	S2
M=Tap Diameter	Reducer Parts	1	S3
N=Tap Length	Branch Inset	Front	Damper:
O=Angle			
P=Inset			
Q=Offset			
R=Rotation			
S=Extension			
T=Collar			

CID: 815

Round

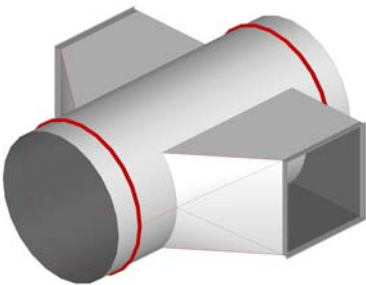


Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Diameter	Branch Parts	1
C=Pipe Length	Seam Position	270.000
D=Left Collar	Seam Position	Throat
E=Right Collar	Diameter Type BE	Nominal
F=Tap Diameter	Diameter Type SE	Nominal
G=Tap Length	Branch Diameter Type	Nominal
H=Angle	Branch Diameter Type	Nominal
I=Inset	Hole Adjust	0.000
J=Offset	Branch Allowance To Pipe	0.000
K=Rotation		
L=Collar		
M=Tap Diameter		
N=Tap Length		
O=Angle		
P=Inset		
Q=Offset		
R=Rotation		
S=Collar		

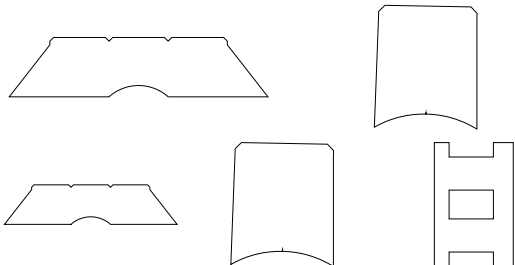


CID: 817

Round

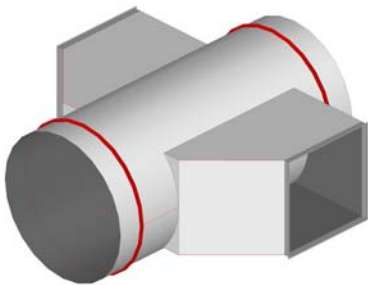


Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000
C=Left Extension	Flat Allowance To Pipe	0.000
D=Right Extension	Hole Adjust	0.000
E=Branch Width	Pipe Parts	1
F=Branch Depth	Branch Parts	2
G=Tap Length	First Break	0.000
H=Angle	Second Break	0.000
I=Inset	Third Break	0.000
J=Offset	Pipe Seam Position	270.000
K=Rotation	Hole Adjust	0.000
L=Extension	Plate Border	0.000
M=Branch Width	Castle Width	0.000
N=Branch Depth	Castle Angle	30.000
O=Tap Length	Plate Border (Width)	Auto
P=Angle		
Q=Inset		
R=Offset		
S=Rotation		
T=Extension		

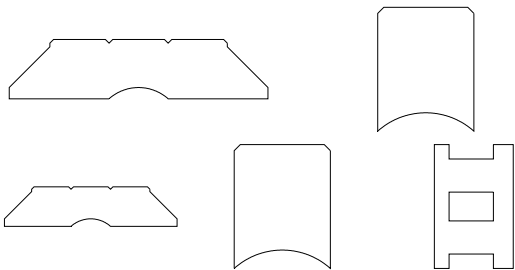


CID: 818

Round

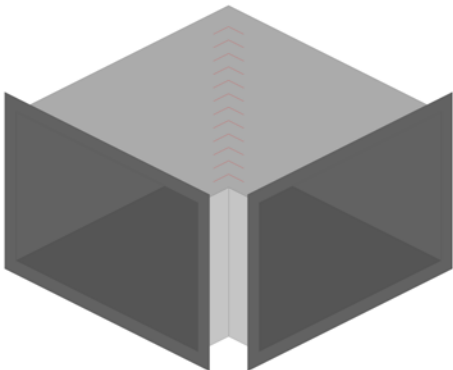


Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Hole Adjust	0.000 C3
E=Branch Width	Pipe Parts	1 C4
F=Branch Depth	Branch Parts	2 C5
G=Tap Length	First Break	0.000
H=Angle	Second Break	0.000
I=Inset	Third Break	0.000
J=Offset	Pipe Seam Position	270.000
K=Rotation	Hole Adjust	0.000 S1
L=Extension	Plate Border	0.000 S2
M=Branch Width	Throat Clearance	0.000 S3
N=Branch Depth	Castle Width	0.000
O=Tap Length	Castle Angle	30.000
P=Angle	Plate Border (Width)	Auto
Q=Inset		None
R=Offset		None
S=Rotation		None
T=Extension		None
U=Reducer Diameter		
V=Reducer Length		

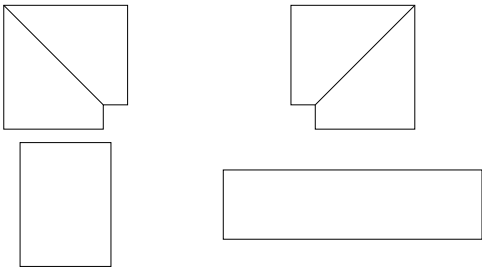


CID: 819

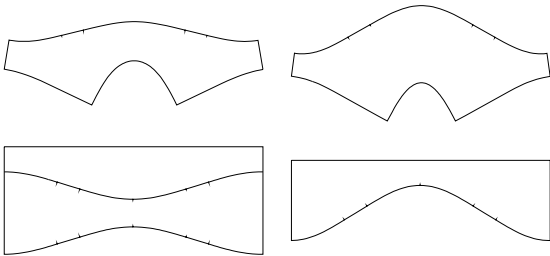
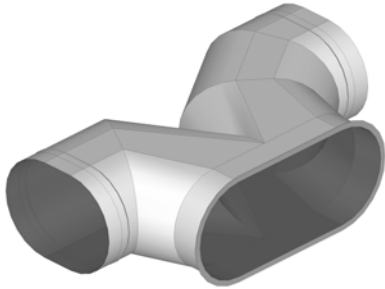
Rectangular



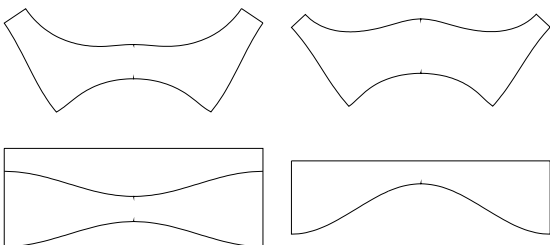
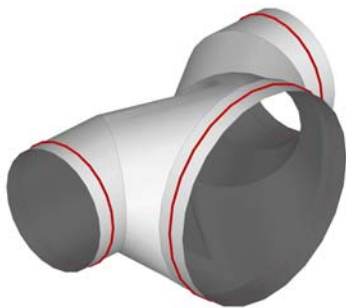
Dims	Options	
A=Top Width	Length Adjust For Part 4	0.000
B=Depth	Length Adjust For Part 3	0.000 C1
C=Angle	Vee Depth Male	Auto C2
D=Top Inner Extension	Vee Depth Female	Auto
E=Bottom Extension	Vee Angle Male	30
	Vee Angle Female	30
	3 Parts	No
	Seam Number For Throat	
	Attenuator	No
	Leg Lengths	No
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same
	Draw Custom Insulation	No



Round/Flat Oval



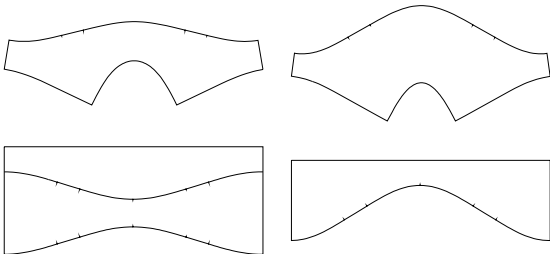
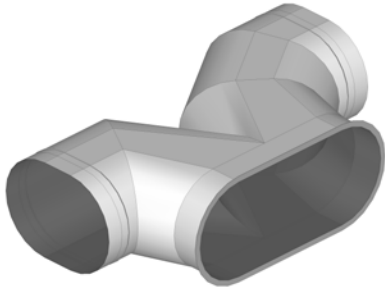
Round



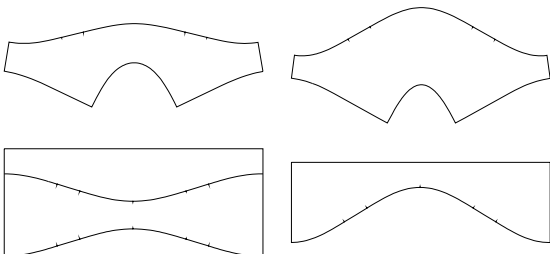
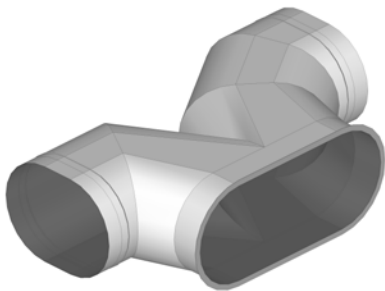
Dims	Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal Conn's
B=Right Diameter	Right Diameter Type	Nominal C1
C=Left Diameter	Left Diameter Type	Nominal C2
D=Right Radius	Number Of Segments	2 C3
E=Left Radius	Number Of Segments	1 C4
F=Right Ang	Single Segments	No C5
G=Left Angle	Marker Type	Notch C6
H=Bottom Extension		
I=Right Extension		
J=Left Extension		Seams
		S1

Damper:

Round/Flat Oval

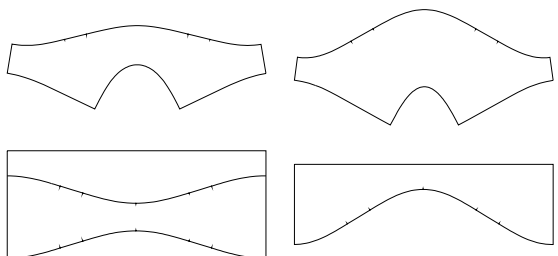
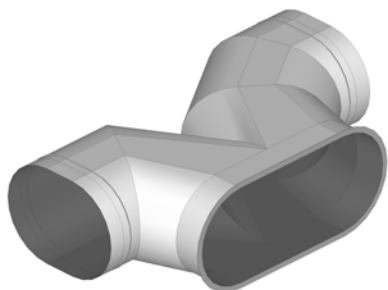


Round/Flat Oval

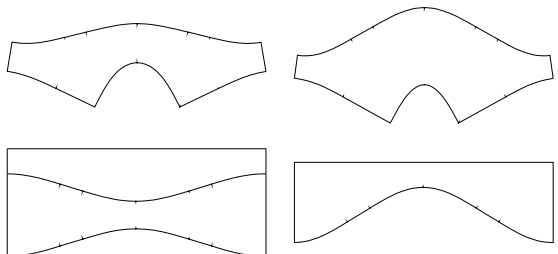
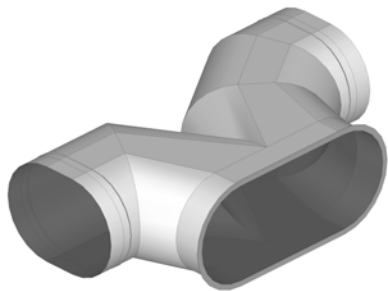


Dims		Options	
A=Btm Width	Bottom Diameter Type	Nominal	Conn's
B=Btm Depth	Top Diameter Type	Nominal	
C=Right Width	Right Diameter Type	Nominal	C2
D=Right Depth	Left Diameter Type	Nominal	C3
E=Left Width	Number Of Segments	2	C4
F=Left Depth	Number Of Segments	1	C5
G=Right Height	Single Segments	No	C6
H=Left Height	Marker Type	Notch	
I=Right Radius			
J=Left Radius			Seams
K=Right Ang			S1
L=Left Angle			
M=Bottom Extension			
N=Right Extension			
O=Left Extension			Damper:

Round/Flat Oval



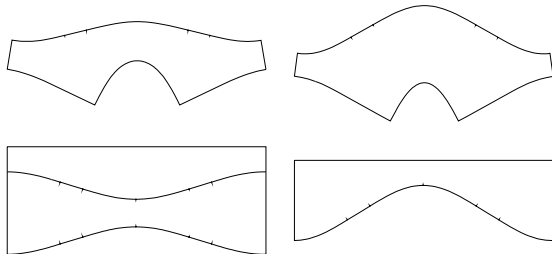
Round/Flat Oval



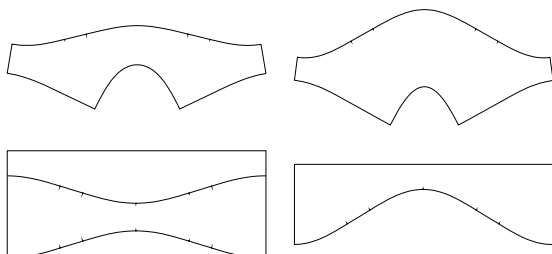
Dims		Options	
A=Btm Width	Bottom Diameter Type	Nominal	Conn's
B=Btm Depth	Top Diameter Type	Nominal	
C=Right Width	Right Diameter Type	Nominal	C2
D=Right Depth	Left Diameter Type	Nominal	C3
E=Left Width	Number Of Segments	2	C4
F=Left Depth	Number Of Segments	1	C5
G=Right Radius	Single Segments	No	C6
H=Left Radius	Marker Type	Notch	
I=Right Ang			
J=Left Angle			Seams
K=Bottom Extension			S1
L=Right Extension			
M=Left Extension			
			Damper:

Dims		Options	
A=Btm Width	Bottom Diameter Type	Nominal	Conn's
B=Btm Depth	Right Diameter Type	Nominal	C1
C=Right Width	Left Diameter Type	Nominal	C2
D=Right Depth	Number Of Segments	2	C3
E=Left Width	Number Of Segments	1	C4
F=Left Depth	Single Segments	No	C5
G=Right Radius	Marker Type	Notch	C6
H=Left Radius			
I=Right Ang			
J=Left Angle			
K=Bottom Extension			Seams
L=Right Extension			S1
M=Left Extension			
			Damper:

Round/Flat Oval



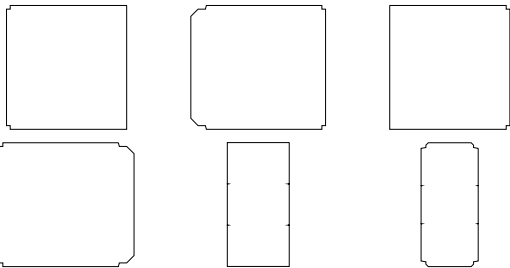
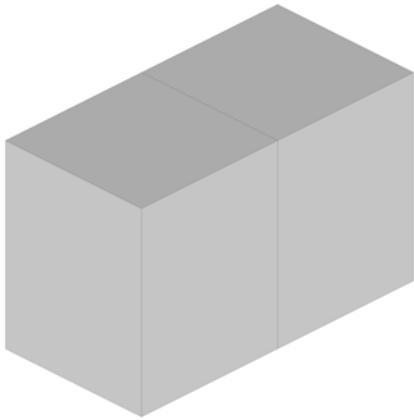
Round/Flat Oval



Dims		Options	
A=Btm Width	Bottom Diameter Type	Nominal	Conn's
B=Btm Depth	Top Diameter Type	Nominal	
C=Right Width	Right Diameter Type	Nominal	
D=Right Depth	Left Diameter Type	Nominal	C3
E=Left Width	Number Of Segments	2	C4
F=Left Depth	Number Of Segments	1	C5
G=Right Height	Single Segments	No	C6
H=Left Height	Marker Type	Notch	
I=Right Radius			
J=Left Radius			Seams
K=Right Ang			S1
L=Left Angle			
M=Bottom Extension			
N=Right Extension			
O=Left Extension			Damper:

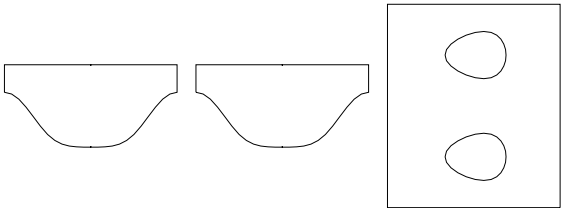
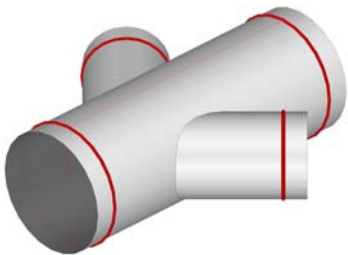
CID: 828

Rectangular



CID: 830

Round



Dims	Options
A=Left Width	Six Parts Left Lap
B=Right Width	Six Parts Right Lap
C=Depth	Parts
D=Length	
E=Bottom Radius	
F=Top Radius	
G=Girth Split	

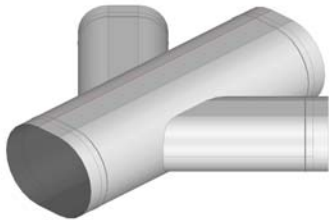
Seams
S1
S2

Damper:

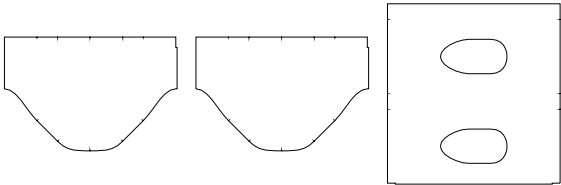
Dims	Options
A=Pi... l=Ro... W=T... H=A...	Pipe Parts
B=Pi... m=E... X=Ta... l=Ins...	Branch Parts
C=Le... n=Ta... Y=A... J=Of...	First Break
D=Ri... o=Ta... Z=In... K=R...	Second Break
E=Ta... p=A... a=Of... L=Ex...	Third Break
F=Ta... q=In... b=R... M=T...	Seam Position
G=A... r=Of... c=Ex... N=T...	Pipe Diameter Type
H=In... s=Ro... d=Ta... O=A...	Branch Diameter Type
I=Off... t=Ex... e=Ta... P=In...	Hole Adjust
J=Ro... u=Ta... f=An... Q=O...	Branch Allowance To Pipe
K=Ex... v=Ta... g=In... R=R...	Branch Seam Position
L=Ta... w=A... h=Of... S=Ex...	Throat Cut Back (Degrees)
M=T... x=In... i=Ro... T=Ta...	Plate Border (Circumference)
N=A... y=Of... j=Ext... U=T...	Plate Type
O=In... z=Ro... k=Ta... V=A...	Estimated Diameter %age
P=Of... A=Ex... l=Ta... W=l...	Cut Back Allowance (%)
Q=R... B=Ta... m=A... X=Of...	Use Pipe Seam For Branches
R=Ex... C=Ta... n=In... Y=R...	Plate Border (Length)
S=Ta... D=A... o=Of... Z=Ex...	End Castle Width
T=Ta... E=In... p=R... a=Ta...	End Castle Angle
U=A... F=Of... q=Ex... b=Ta...	
V=In... G=R... r=Ta... c=An...	
W=... H=E... s=Ta... d=In...	
X=R... l=Ta... t=An... e=Of...	
Y=Ex... J=Ta... u=In... f=Ro...	
Z=Ta... K=A... v=Of... g=Ex...	
a=Ta... L=In... w=R... h=Ta...	
b=A... M=O... x=Ex... i=Ta...	
c=In... N=R... y=Ta... j=An...	
d=Of... O=E... z=Ta... k=In...	
e=R... P=Ta... A=A... l=Off...	
f=Ex... Q=T... B=In... m=R...	
g=Ta... R=A... C=Of... n=Ex...	
h=Ta... S=In... D=R...	
i=An... T=Of... E=Ex...	
j=Ins... U=R... F=Ta...	
k=Of... V=Ex... G=T...	

CID: 831

Round/Flat Oval

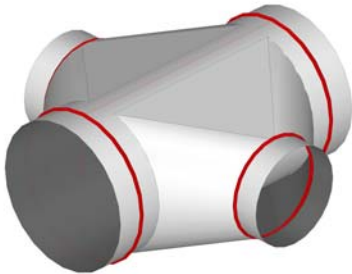


Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Branch Parts	1
C=Length	Pipe Diameter Type	Nominal C1
D=Left Extension	Branch Diameter Type	Nominal C2
E=Right Extension	Seam Position	0.000 C3
F=Branch Width #1	Branch Allowance To Pipe	0.000
G=Branch Depth #1	True Oval Straight	No
H=Tap Length #1	Hole Adjust	0.000
I=Angle #1		
J=Inset #1		
K=Offset #1		
L=(Hole) Rotation #1		
M=Extension #1		
N=Branch Width #2		
O=Branch Depth #2		
P=Tap Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Extension #2		

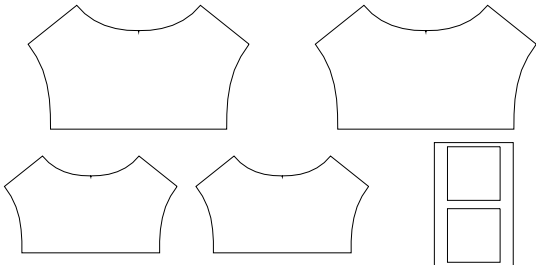


CID: 832

Round



Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Branch Diameter Type	Nominal C1
C=Left Extension	Branch Diameter Type	Nominal C2
D=Right Extension	Hole Adjust	0.000 C3
E=Tap Diameter	Round Allowance To Pipe	0.000
F=Tap Length	Flat Allowance To Pipe	0.000
G=Angle	Seam Position	0.000
H=Angle	Pipe Parts	1
I=Inset	Branch Parts	2
J=Offset	Branch Seam Position	Sides
K=Collar	Flat Right	No
L=Tap Diameter	Inlet	1
M=Tap Length	Outlet	2
N=Angle		
O=Angle		
P=Inset		
Q=Offset		
R=Collar		



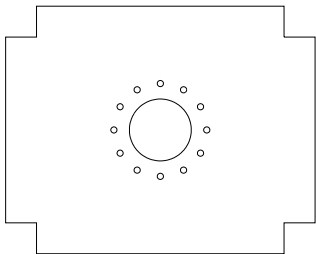
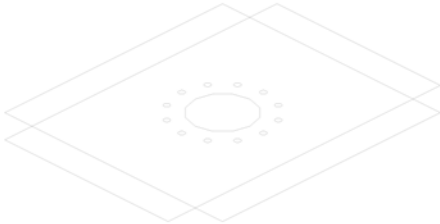
CID: 833

Standard

Dims	Options	
A=Height	Length Includes Turnover	Yes
B=Width		
C=Diameter		
D=Turnover		
E=Turnover		
F=Fixing Diameter		
G=Hole Diameter		
H=Number Of Holes		

Seams

Damper:



CID: 834

Rectangular

Dims	Options	
A=Radius	Six Parts Left Lap	None
B=Angle	Six Parts Right Lap	None
C=Length	Allowance	C1
D=Hole Diameter		Left
E=Hole Diameter		
F=Lid Pipe Radius		
G=Lid Pipe Length		
H=Base Pipe Radius		
I=Base Pipe Length		
J=Parts Left & Right		

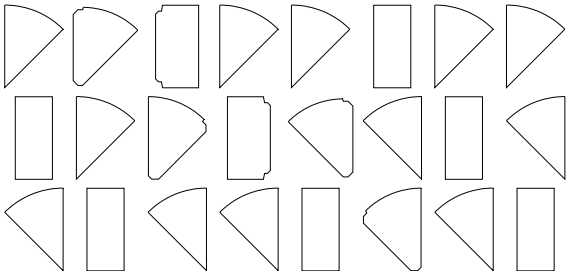
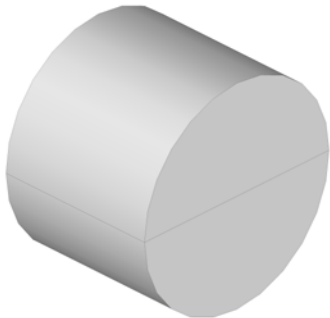
Seams

S1

S2

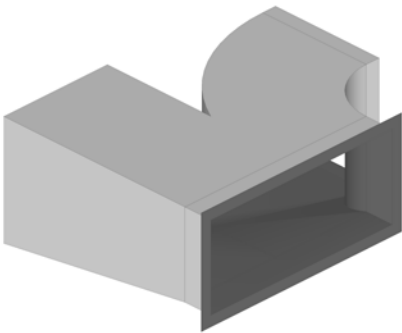
S3

Damper:



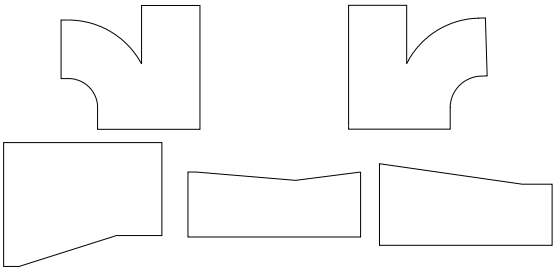
CID: 835

Rectangular



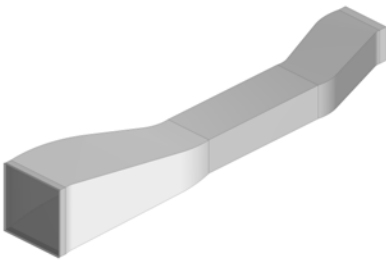
Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Btm Depth	Vee Depth Male	Auto C1
C=Top Width	Vee Depth Female	Auto C2
D=Top Depth	Vee Angle Male	30 C3
E=Right Width	Vee Angle Female	30
F=Right Depth	Right Heel Type	Radius
G=Top Offset	Junction Notch	Use Default
H=Right Offset	Vee Notch Angle	20.000
I=Height	2 Part Wrapper	No
J=Right Height	Right Folds	End Point Seams
K=Right Radius	Top Right	Straight S1
L=Right Ang	Separate Mid Cheeks	No
M=Bottom Extension		
N=Right Extension		
O=Top Inset		
P=Top Extension		

Damper:



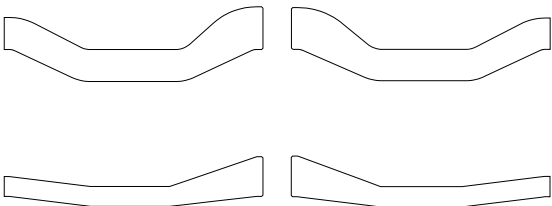
CID: 836

Rectangular



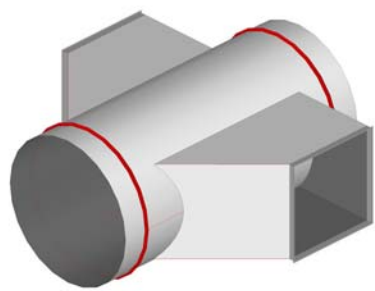
Dims	Options	
A=Left Width	Vee Depth Male	Auto Conn's
B=Left Depth	Vee Depth Female	Auto C1
C=Right Width	Vee Angle Male	30 C2
D=Right Depth	Vee Angle Female	30
E=Center Width	Left Offset Depth	Top Down
F=Center Depth	Right Offset Depth	Top Down
G=Left Length	Equal Corner Radius	No
H=Right Length		
I=Center Length		
J=Left Extension		Seams
K=Right Extension		S1
L=Left Offset Width		
M=Left Offset Depth		
N=Right Offset Width		
O=Right Offset Depth		
P=Left Top Radius		
Q=Left Bottom Radius		
R=Right Top Radius		
S=Right Bottom Radius		

Damper:

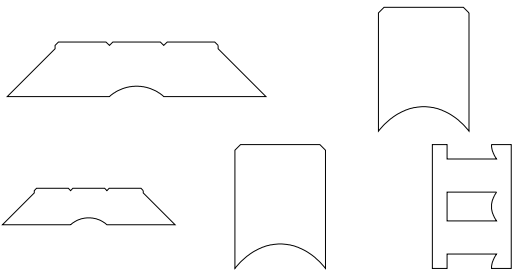


CID: 837

Round



Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Branch Width	Pipe Parts	1	C4
F=Branch Depth	Branch Parts	2	
G=Tap Length	First Break	0.000	
H=Angle	Second Break	0.000	
I=Inset	Third Break	0.000	
J=Offset	Pipe Seam Position	270.000	Seams
K=Rotation	Hole Adjust	0.000	S1
L=Extension	Plate Border	0.000	S2
M=Branch Width	Castle Width	0.000	S3
N=Branch Depth	Castle Angle	30.000	Damper:
O=Tap Length	Plate Border (Width)	Auto	None
P=Angle			None
Q=Inset			None
R=Offset			None
S=Rotation			None
T=Extension			



CID: 838

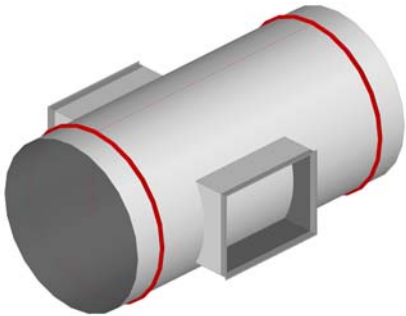
Round/Standard



Dims		Options	
A=Diameter	Type	Profiled Bearer	Conn's
B=Bearer Extn	Profile	Round	C1
C=Left Angle	Pipework	No	C2
D=Right Ang	Block Thickness	0.000	C3
E=Rod Extn Above	Block Length	0.000	
F=Rod Extn Below	Number Of Round Sections	Auto	
G=Length A	Rod Diameter	0.400	
H=Length B	Bearer Width	2.000	
I=Supported Width	Bearer Thickness	0.400	
J=Supported Depth	Hex End	Yes	Seams
K=Right Rod Offset	Rod Diameter	0.600	
L=Left Rod Offset	Turnover	-1.000	
	Oversized Item	No	
	Area of Influence	0.000	Damper:
	Straps	Both	
	Export	All	
	Front Seismic Rod	No	
	Back Seismic Rod	No	
	Left Seismic Rod	No	
	Right Seismic Rod	No	
	Front Seismic Rod	No	
	Back Seismic Rod	No	
	Left Seismic Rod	No	
	Right Seismic Rod	No	
	Draw Rod	No	
	Add Rod Size	No	
	Filled Circle	No	
	Thickness	0.100	
	Use Support Settings	No	
	Point Load A	0.000	
	Point Load B	0.000	

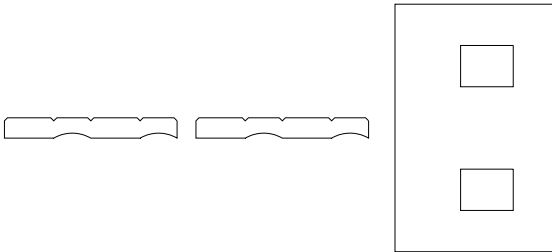
CID: 839

Round



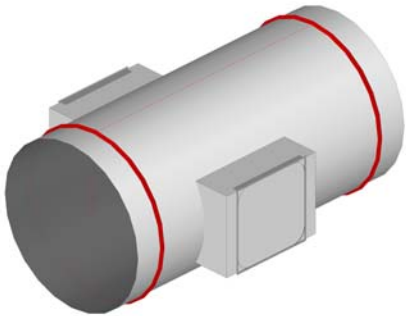
Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Pipe Parts	1 C3
E=Branch Width	Branch Parts	1 C4
F=Branch Depth	Pipe Seam Position	0.000 C5
G=Tap Length	Hole Adjust	0.000
H=Inset	Plate Border	0.000
I=Offset	Castle Width	0.000
J=Rotation	Castle Angle	30.000
K=Branch Width	Plate Border (Width)	Auto
L=Branch Depth		S1
M=Tap Length		S2
N=Inset		
O=Offset		
P=Rotation		
Q=Reducer Diameter		
R=Reducer Length		

Damper:



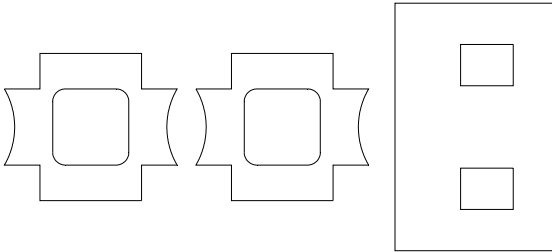
CID: 840

Round



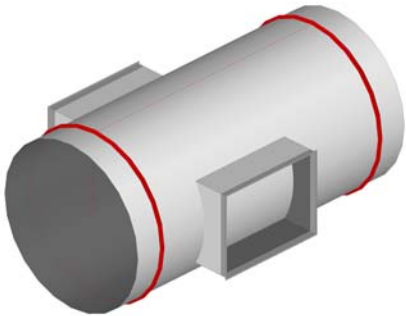
Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Pipe Parts	1 C3
E=Branch Width	Pipe Seam Position	0.000 C4
F=Branch Depth	Hole Adjust	0.000
G=Tap Length	Plate Border	0.000
H=Inset	Castle Width	0.000
I=Rotation	Castle Angle	30.000
J=Hole Width	Plate Border (Width)	Auto
K=Hole Depth	Fold Notch Depth	0.000
L=Hole Radius	Develop Branch Collar	No
M=Collar		S2
N=Branch Width		S3
O=Branch Depth		
P=Tap Length		
Q=Inset		
R=Rotation		
S=Hole Width		
T=Hole Depth		
U=Hole Radius		
V=Collar		

Damper:



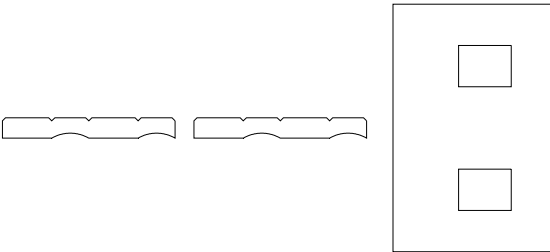
CID: 841

Round



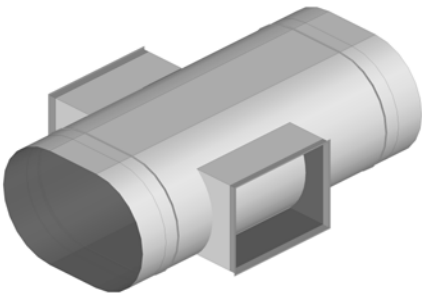
Dims	Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal
B=Pipe Length	Round Allowance To Pipe	0.000 C1
C=Left Extension	Flat Allowance To Pipe	0.000 C2
D=Right Extension	Pipe Parts	1 C3
E=Branch Width	Branch Parts	1 C4
F=Branch Depth	Pipe Seam Position	0.000
G=Tap Length	Hole Adjust	0.000
H=Inset	Plate Border	0.000
I=Rotation	Castle Width	0.000
J=Extension	Castle Angle	30.000
K=Branch Width	Plate Border (Width)	Auto
L=Branch Depth		S1
M=Tap Length		S2
N=Inset		
O=Rotation		
P=Extension		

Damper:



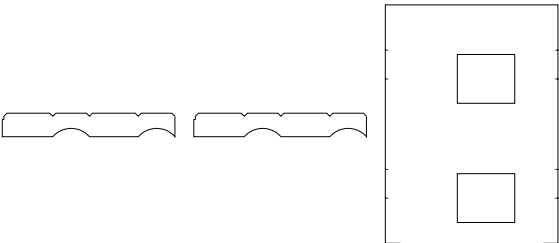
CID: 842

Flat Oval



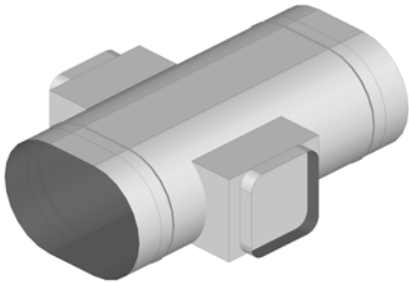
Dims	Options	
A=Major Axis	Pipe Diameter Type	Nominal
B=Minor Axis	Round Allowance To Pipe	0.000 C1
C=Pipe Length	Flat Allowance To Pipe	0.000 C2
D=Left Extension	Pipe Parts	1 C3
E=Right Extension	Branch Parts	1 C4
F=Branch Width	Pipe Seam Position	0.000
G=Branch Depth	Hole Adjust	0.000
H=Tap Length	Plate Border	0.000
I=Inset	Castle Width	0.000
J=Offset	Castle Angle	30.000
K=Rotation	Plate Border (Width)	Auto
L=Branch Width	Allow Branches On Flats	No
M=Branch Depth		
N=Tap Length		
O=Inset		
P=Offset		
Q=Rotation		

Damper:



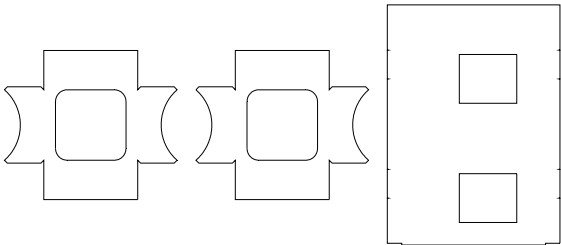
CID: 843

Flat Oval



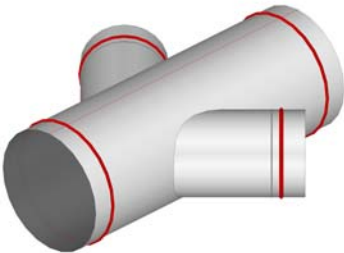
Dims	Options		
A=Major Axis	Pipe Diameter Type	Nominal	Conn's
B=Minor Axis	Round Allowance To Pipe	0.000	C1
C=Pipe Length	Flat Allowance To Pipe	0.000	C2
D=Left Extension	Pipe Parts	1	
E=Right Extension	Pipe Seam Position	0.000	
F=Branch Width	Hole Adjust	0.000	
G=Branch Depth	Plate Border	0.000	
H=Tap Length	Castle Width	0.000	
I=Inset	Castle Angle	30.000	
J=Rotation	Plate Border (Width)	Auto	Seams
K=Hole Width	Fold Notch Depth	0.000	S1
L=Hole Depth			S2
M=Hole Radius			
N=Branch Width			
O=Branch Depth			
P=Tap Length			
Q=Inset			
R=Rotation			
S=Hole Width			
T=Hole Depth			
U=Hole Radius			

Damper:

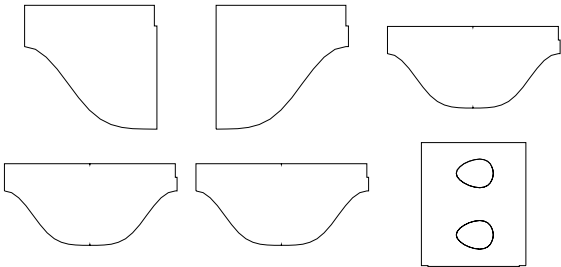


CID: 844

Flat Oval

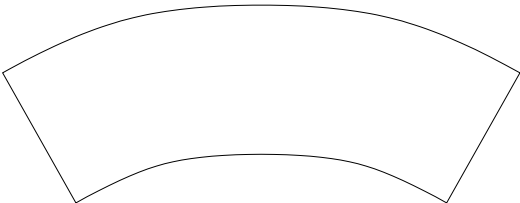
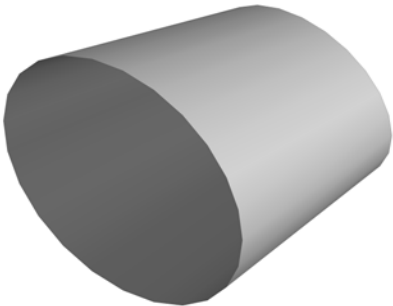


Dims	Options		
A=Major Axis	Pipe Parts	1	Conn's
B=Minor Axis	Pipe Seam Position	0.000	C1
C=Pipe Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Hole Adjust	0.000	C3
E=Right Extension	Branch Allowance To Pipe	0.000	C4
F=Branch Width #1	Branch Type	Straight Branch	C5
G=Branch Depth #1	Branch Diameter Type	Nominal	C6
H=Tap Length #1	Branch Parts	2	
I=Angle #1	Branch Type	Straight Branch	
J=Inset #1	Branch Diameter Type	Nominal	Seams
K=Offset #1	Branch Parts	1	S1 S4
L=Rotation #1	Branch Type	Straight Branch	S2 S5
M=Collar #1	Branch Diameter Type	Nominal	S3
N=Branch Width #2	Branch Parts	1	Damper:
O=Branch Depth #2	Branch Type	Straight Branch	
P=Tap Length #2	Branch Diameter Type	Nominal	
Q=Angle #2	Branch Parts	1	
R=Inset #2	Plate Border	0.000	
S=Offset #2	Plate Type	Rectangular	
T=Rotation #2	Branch Seam Position	0.000	
U=Collar #2	Branch Only	No	
V=Branch Width #3	Reducer Seam Position	Corner	
W=Branch Depth #3	Reducer Parts	1	
X=Tap Length #3			
Y=Angle #3			
Z=Inset #3			
a=Offset #3			
b=Rotation #3			
c=Collar #3			
d=Branch Width #4			
e=Branch Depth #4			
f=Tap Length #4			
g=Angle #4			
h=Inset #4			
i=Offset #4			
j=Rotation #4			
k=Collar #4			



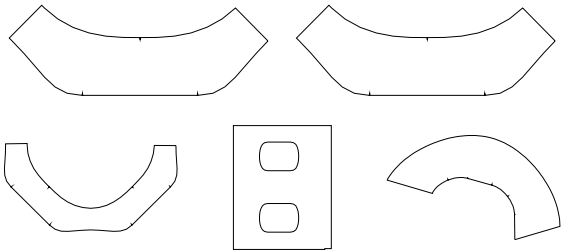
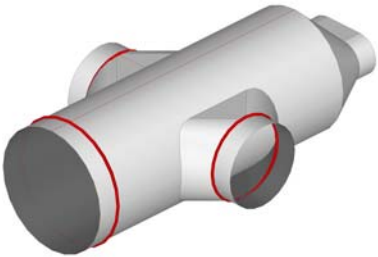
CID: 845

Round



CID: 846

Flat Oval



Dims	Options	Conn's
A=Left Width	Girth Split	1
B=Left Depth	Seam Position	0.000
C=Right Width		
D=Right Depth		
E=Length		
F=Offset		

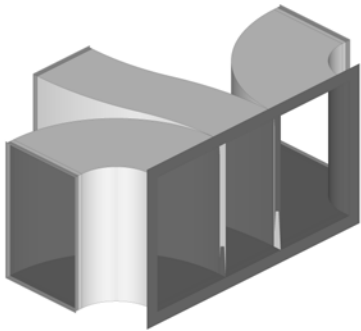
Seams
S1

Damper:

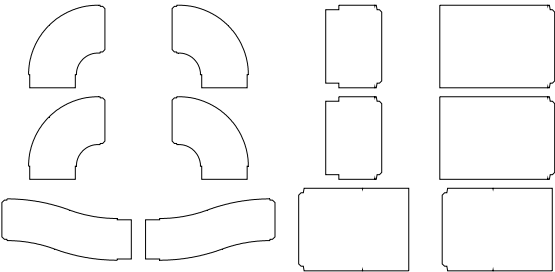
Dims	Options	Conn's
A=Major Axis	Pipe Parts	1
B=Minor Axis	Pipe Seam Position	0.000 C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000 C4
F=Major Axis #1	Branch Diameter Type	Nominal C5
G=Minor Axis #1	Branch Parts	2
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Parts	1
J=Inset #1	Plate Border	0.000
K=Offset #1	Plate Type	Rectangular S1
L=Rotation #1	Branch Seam Position	0.000 S2
M=Collar #1	Branch Only	No S3
N=Major Axis #2	Reducer Seam Position	Corner Damper:
O=Minor Axis #2	Reducer Parts	1
P=Tap Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		
V=Reducer Width		
W=Reducer Depth		
X=Reducer Length		

CID: 847

Rectangular

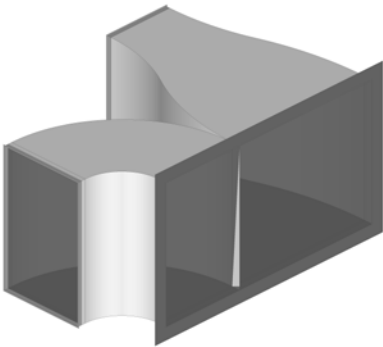


Dims	Options	
A=Btm Width	Right Throat Type	Radius
B=Btm Depth	Left Throat Type	Conn's
C=Btm Left Width	Vee Depth Male	Radius C1
D=Btm Right Width	Vee Depth Female	Auto C2
E=Top Width	Vee Angle Male	30 C3
F=Top Depth	Vee Angle Female	30 C4
G=Right Width	Gaps	0.000 C5
H=Right Depth	Add Connector Allowance To O...	No
I=Left Width		
J=Left Depth		
K=Right Offset		
L=Left Offset		
M=Top Offset		
N=Top Inset		
O=Height		
P=Right Radius		
Q=Left Radius		
R=Right Ang		
S=Left Angle		
T=Btm Right Extension		
U=Btm Left Extension		
V=Top Extension		
W=Right Extension		
X=Left Extension		

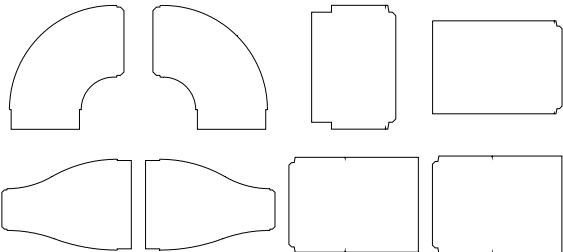


CID: 848

Rectangular

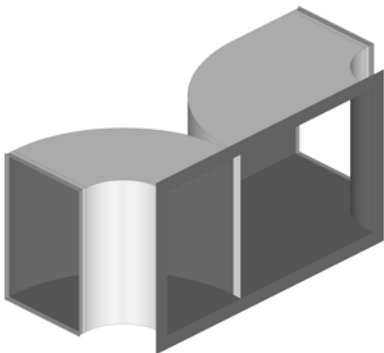


Dims	Options	
A=Btm Width	Left Throat Type	Radius
B=Btm Depth	Vee Depth Male	Conn's
C=Btm Left Width	Vee Depth Female	Auto C1
D=Top Width	Vee Angle Male	Auto C2
E=Top Depth	Vee Angle Female	30 C3
F=Left Width	Gaps	30 C4
G=Left Depth	Add Connector Allowance To O...	0.000
H=Left Offset		No
I=Top Offset		
J=Top Inset		
K=Height		
L=Left Radius		
M=Left Angle		
N=Btm Right Extension		
O=Btm Left Extension		
P=Top Extension		
Q=Left Extension		

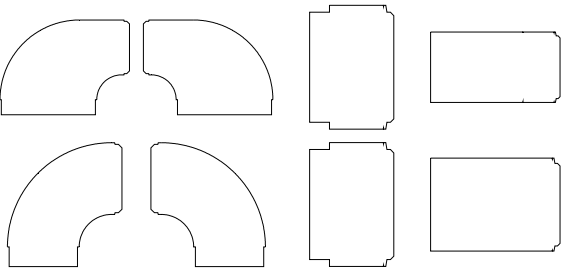


CID: 849

Rectangular

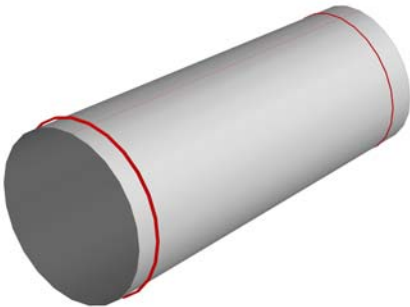


Dims	Options	
A=Btm Width	Right Throat Type	Radius
B=Btm Depth	Left Throat Type	Radius C1
C=Btm Left Width	Vee Depth Male	Auto C2
D=Right Width	Vee Depth Female	Auto C3
E=Right Depth	Vee Angle Male	30 C4
F=Left Width	Vee Angle Female	30
G=Left Depth	Gaps	0.000
H=Right Offset	Add Connector Allowance To O...	No
I=Left Offset		
J=Right Radius		
K=Left Radius		
L=Right Ang		
M=Left Angle		
N=Btm Right Extension		
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		

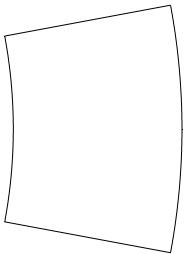


CID: 850

Round/Fabrication



Dims	Options	
A=Left Diameter	Diameter Type BE	Nominal
B=Right Diameter	Diameter Type SE	Nominal C1
C=Pipe Length	Girth Split	1 C2
D=Left Extension	Seam Position	0.000
E=Right Extension	Estimated Diameter %age	Not Used
F=Offset-Width	Shoe Branch Lengths CLine	Yes
G=Offset-Depth	Length Break	1

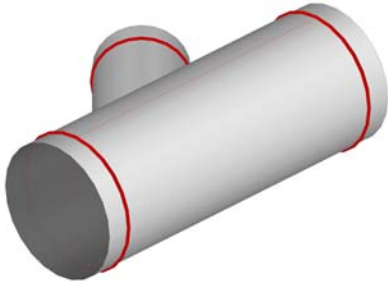


Seams
S1
S2

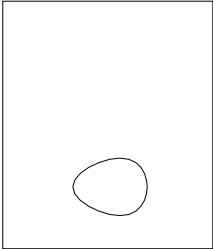
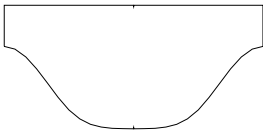
Damper:

CID: 851

Round

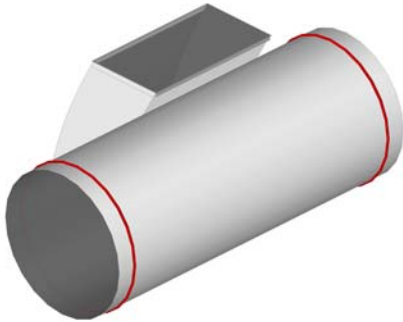


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter #1	Third Break	0.000	
F=Tap Length #1	Seam Position	0.000	
G=Angle #1	Pipe Diameter Type	Nominal	
H=Inset #1	Branch Diameter Type	Nominal	
I=Offset #1	Hole Adjust	0.000	
J=Rotation #1	Branch Allowance To Pipe	0.000	Seams
K=Extension #1	Branch Seam Position	0.000	S1
	Throat Cut Back (Degrees)	0.000	S2
	Plate Border (Circumference)	0.000	
	Plate Type	Rectangular	Damper:
	Estimated Diameter %age	Not Used	None
	Cut Back Allowance (%)	0.000	None
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	
	End Castle Width	0.000	
	End Castle Angle	30.000	



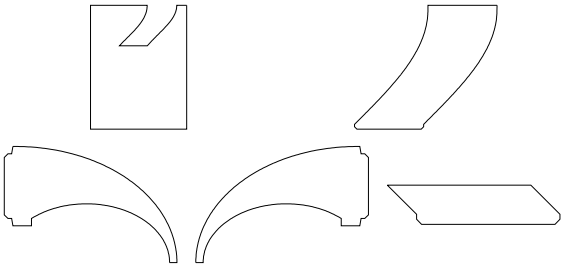
CID: 852

Rectangular/Round



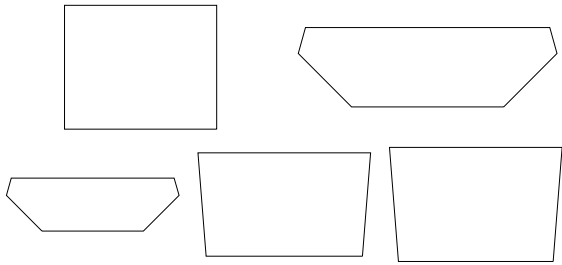
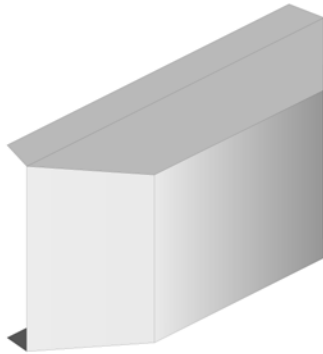
Dims		Options	
A=Pipe Diameter	Inlet	1	Conn's
B=Angle	Outlet	2	C1
C=Pipe Length			C2
D=Inset			C3
E=Branch Height			
F=Branch Depth			
G=Branch Width			
H=Branch Gauge			
I=Extension			

Seams	
S1	S4
S2	S5
S3	
Damper:	



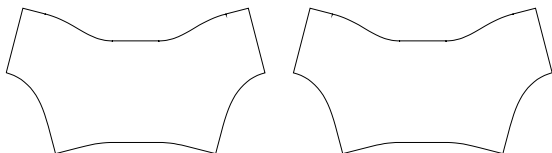
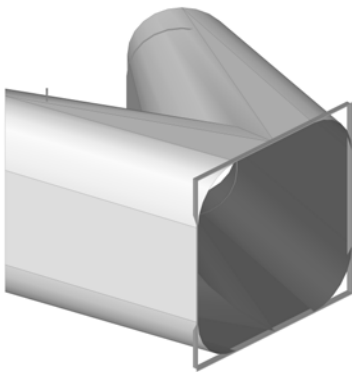
CID: 853

Rectangular



CID: 854

Rectangular/Round/Flat Oval



Dims		Options	
A=Top Length	3 Parts	No	Conn's
B=Top Width	Vee Notch Angle	20.000	
C=Depth			
D=Btm Length			
E=Btm Width			
F=Top Left Ext			
G=Top Right Ext			
H=Btm Left Ext			
I=Left Depth			
J=Right Depth			Seams
K=Gauge			S1
L=Hole Diameter			S2
M=X-Offset			
N=Y-Offset			Damper:

Dims		Options	
A=Btm Width	Bottom Diameter Type	Nominal	Conn's
B=Btm Depth	Left Diameter Type	Nominal	
C=Bottom Radius	Right Diameter Type	Nominal	C2
D=Left Width	Seam Position	Top	C3
E=Left Depth			C4
F=Left Radius			
G=Right Width			
H=Right Depth			
I=Right Radius			
J=Left Angle			Seams
K=Right Ang			
L=Height			
M=Left Offset			
N=Right Offset			
O=Bottom Seal			Damper:

CID: 855

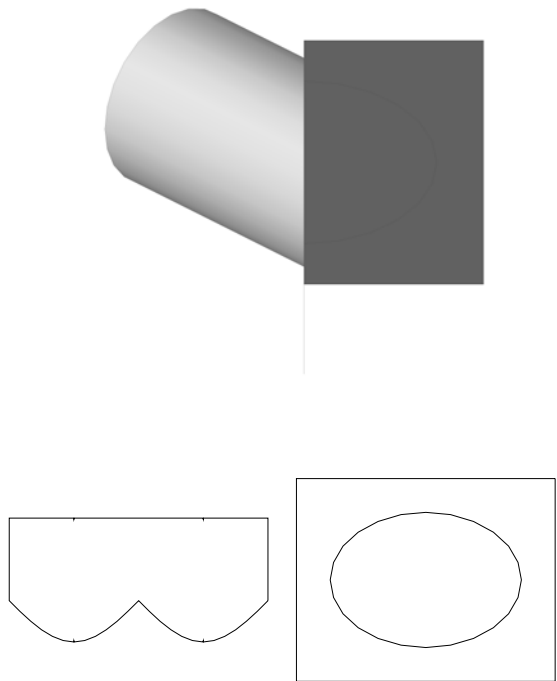
Round

Dims	Options		
A=Tap Diameter	Seam Position	0.000	Conn's
B=Length	Hole Adjust	0.000	
C=Angle	Diameter Type	Nominal	
D=Plate Border	Turnover	0.000	

Seams

S1

Damper:



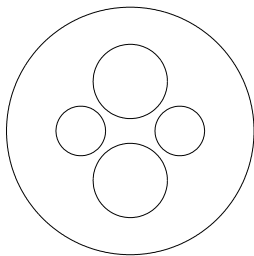
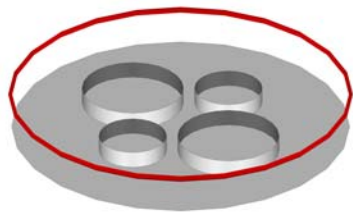
CID: 856

Round

Dims	Options		
A=Diameter	Diameter Type	Nominal	Conn's
B=Collar	Hole Type	Nominal	
C=Hole Diameter			
D=Hole Angle			
E=Fixing Radius			C1
F=Collar			C2
G=Hole Diameter			C3
H=Hole Angle			C4
I=Fixing Radius			C5
J=Collar			
K=Hole Diameter			Seams
L=Hole Angle			
M=Fixing Radius			
N=Collar			
O=Hole Diameter			
P=Hole Angle			
Q=Fixing Radius			
R=Collar			

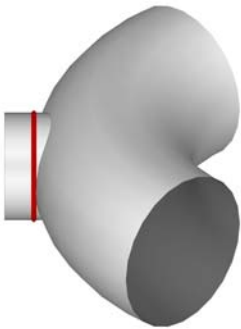
Seams

Damper:



CID: 857

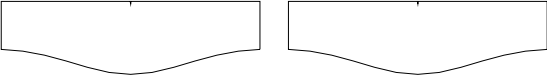
Round



Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Center Radius	Branch Diameter Type	Nominal	C1
C=Tap Diameter	Branch Parts	2	
D=Tap Length	Branch Allowance To Pipe	0.000	
E=Angle	Branch Seam Position	0.000	
F=Rotation	Rotation	Top	
G=Bend Angle	Branch Type	Round	
H=Inner Radius			

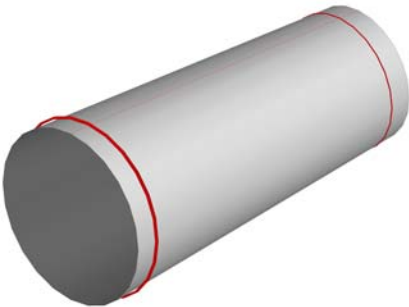
Seams
S1

Damper:
None



CID: 858

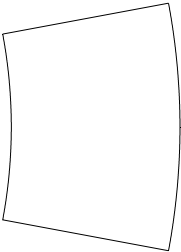
Round



Dims		Options	
A=Pipe Diameter	Diameter Type BE	Nominal	Conn's
B=Pipe Diameter	Diameter Type SE	Nominal	C1
C=Pipe Length	Girth Split	1	C2
D=Left Extension	Seam Position	0.000	
E=Right Extension	Estimated Diameter %age	Not Used	
	Hole Inset	Along Slope	
	Hole Inset	Hole Center	

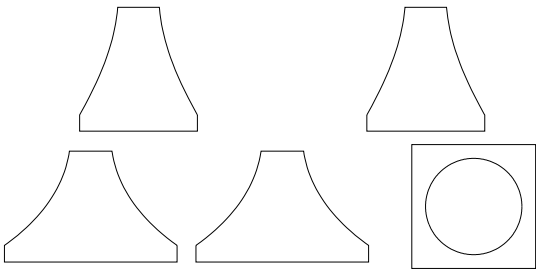
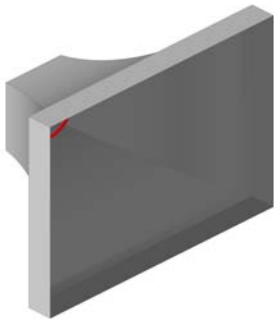
Seams
S1

Damper:



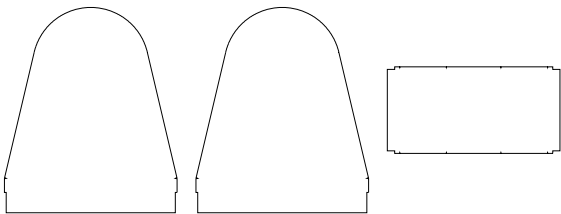
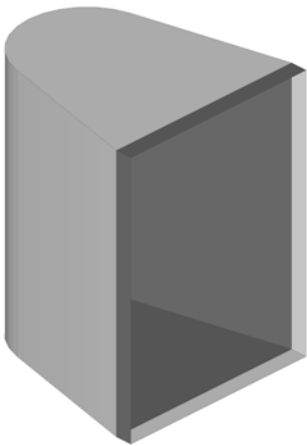
CID: 859

Rectangular



CID: 860

Rectangular



Dims	Options	Conn's
A=Btm Width		C1
B=Btm Depth		
C=Top Width		
D=Top Depth		
E=Hole Diameter		
F=Height		
G=Offset-Width		
H=Offset-Depth		
I=Bottom Extension		
J=Collar		
K=Angle		

Damper:

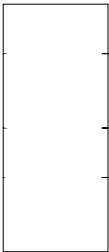
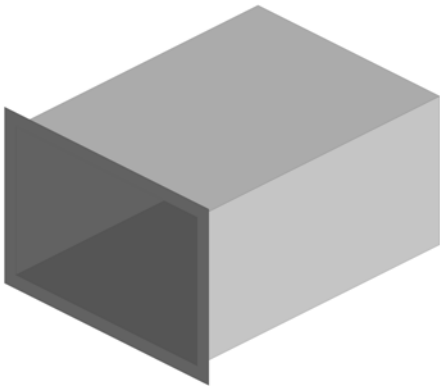
Dims	Options	Conn's
A=Width	Vee Depth Male	Auto
B=Depth	Vee Depth Female	Auto C1
C=Height	Vee Angle Male	30
D=Top Radius	Vee Angle Female	30
E=Bottom Extension		

Seams
S1

Damper:

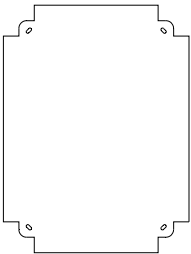
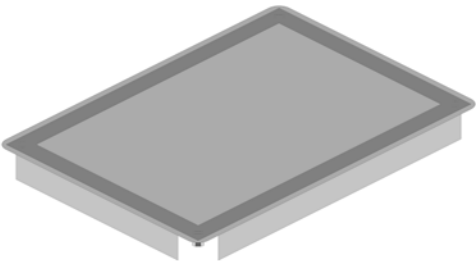
CID: 861

Rectangular/Standard



CID: 862

Rectangular



Dims	Options		
A=Width	Type	1 Part Straight	Conn's
B=Depth	Notch Angle For Lid	45.000	C1
C=Length	Lid Adjust	0.000	
	Cost Supports	No	

Seams
S1
S2

Damper:

Dims	Options		
A=Width	Correct Hole Sizes	No	Conn's
B=Depth	Dynamic Hole Adjust	Auto	C1
C=Flange			C2
D=Turnover			
E=Corner Radius			
F=Hole Diameter			
G=Hole Length			
H=Hole Inset			

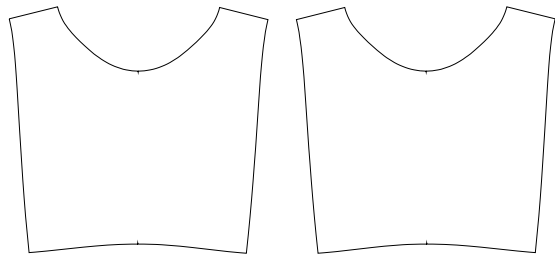
Seams

Damper:

CID: 863

Round/Fabrication

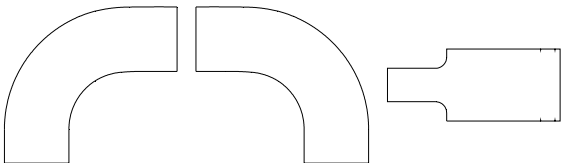
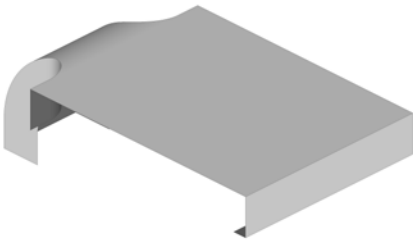
Dims	Options		
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Top Diameter	Left Diameter Type	Nominal	C1
C=Angle	Right Diameter Type	Nominal	C2
D=Center Length	Seam Position	Top	C3
E=Btm Length	Marker Type	Notch	C4
F=Bottom Collar			
G=Left Collar			
H=Right Collar			



CID: 864

Rectangular

Dims	Options		
A=Width	Type	Inside	Conn's
B=Length			
C=Depth			
D=Top Width			
E=Radius In			
F=Radius Out			
G=Turnover			
H=Extension			



Seams

S1

Damper:

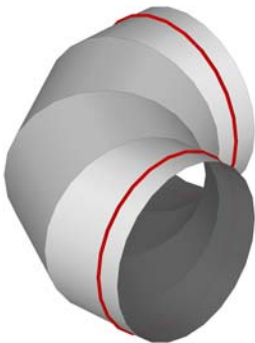
Seams

S1

Damper:

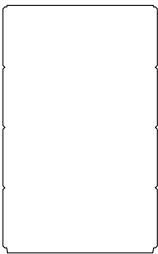
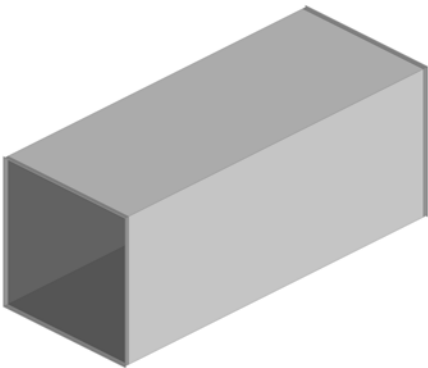
CID: 865

Round



CID: 866

Rectangular



Dims	Options		
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Diameter Type	Nominal	C1
C=Angle	Type	Normal	C2
D=Bottom Extension	Pipe Length	500.000	C3
E=Top Extension	Cut Length	0.000	
	Cut Length	0.000	
	Cut Length	0.000	
	New Develops	No	

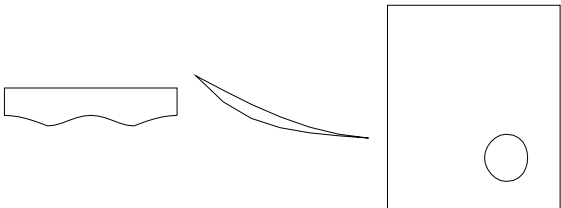
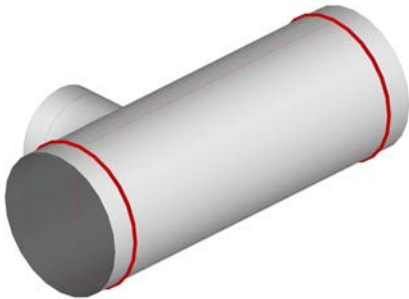
Seams
S1

Damper:

Dims	Options		
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Duct Length	(inch)	C1
C=Length	Female Allow	Shortest Side	C2
	1xU,1xI	Shortest Side	
	Allow Multiple Straights	Yes	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Maximum Sheet Size	None	
	Allow Split Sides	No	Seams
	Maximum Fold Length	60.000	S1
	Minimum Fold Length	6.000	S2
	Duct Adjust	0.000	
	STD Straight	No	Damper:
	Override	None	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Beading	No	
	Lengths Include Connector Adj...	No	
	Override Cut Type	None	
	Insulation Parts	Same	
	Insulation UI	Shortest Side	
	Machine Cut If Dynamic Branches	No	

CID: 867

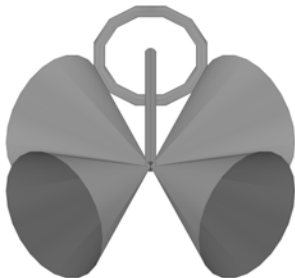
Round



Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	Seam Position	0.000	C3
E=Tap Diameter	First Break	180.000	
F=Tap Length	Second Break	270.000	
G=Angle	Third Break	90.000	
H=Inset	Branch Parts	1	
I=Extension	Branch Seam Position	180.000	
J=Collar	Hole Adjust	0.000	Seams
	Branch Allowance To Pipe	0.000	S1
			S2
			S3
			Damper:

CID: 868

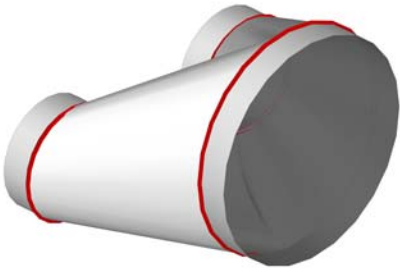
Pipework



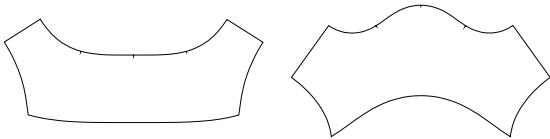
Dims		Options	
A=Diameter #1	Type	Normal	Conn's
B=Diameter #2	Type	Normal	C1
C=Diameter #3	Type	Normal	C2
D=Diameter #4	Type	Normal	C3
E=Length #1	Type	Normal	C4
F=Length #2	Hex Length	0.000	
G=Length #3	Hex Height	0.000	
H=Length #4	Number of Sides	0	
I=Shaft Length #1	Back Fillet	0.000	
J=Handle Diameter	Front Fillet	0.000	Seams
K=Shaft Diameter #1	Handle Inline with Body	No	
L=Angle	Handle Type	Round	
M=Number Of Struts	Length Includes Extensions	No	
N=Strut Diameter	Rotation	0.000	Damper:
O=Collar #1	Draw Globe as Disc	No	
P=Collar #2	Rotate	No	
Q=Collar #3	Flexible	0.000	
R=Collar #4	Height	0.000	
S=Handle	Gaps	0.000	
T=Globe X Diameter	Length	0.000	
U=Globe Y Diameter	Offset	0.000	
V=Width	Length	0.000	
W=Depth	Rod Diameter	0.000	
X=Height	Offset	0.000	
Y=Shaft Diameter #2	Extension	0.000	
Z=Shaft Diameter #3	Depth	0.000	
a=Shaft Length #2	Triangular	No	
b=Shaft Length #3	Inlet	1	
c=Square Thickness	Outlet	2	
d=Square Size			
e=Square Corner			
f=Bonnet X Offset			
g=Bonnet Y Offset			

CID: 869

Round

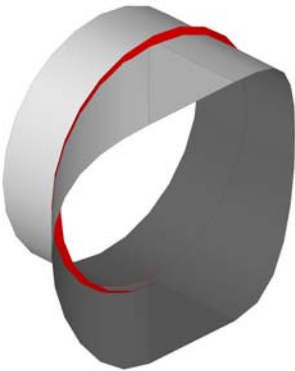


Dims	Options		
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Left Diameter	Left Diameter Type	Nominal	C1
C=Right Diameter	Right Diameter Type	Nominal	C2
D=Height	Seam Position	Top	C3
E=Left Offset	Marker Type	Notch	C4
F=Bottom Collar			
G=Left Collar			
H=Right Collar			
I=Distance			
J=Left Offset Depth			
K=Right Offset Depth			

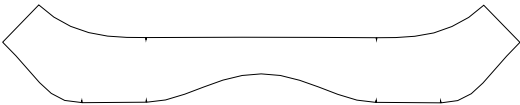


CID: 871

Round



Dims	Options		
A=Pipe Diameter	Branch Parts	1	Conn's
B=Tap Diameter	Seam Position	Throat	C1
C=Tap Length	Branch Diameter Type	Nominal	C2
D=Angle	Branch Allowance To Pipe	0.000	C3
E=Offset	Plate Border	0.000	
F=Collar	Plate Type	Rectangular	
	Plate Border (Width)	Auto	
	Inset	Front	



Seams
S1

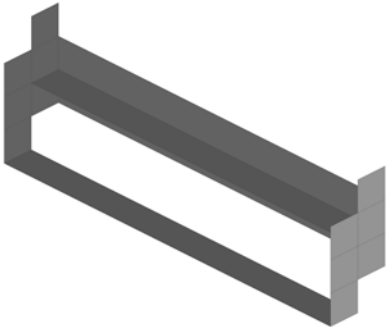
Damper:

Seams
S1
S2

Damper:
None

CID: 872

Electrical



Dims		Options	
A=Width	Type	Tray	Conn's
B=Depth	Base Depth	0.000	C1
C=Length	Use Spacing	No	C2
D=Offset	Double	No	
E=Left Extension			
F=Right Extension			
G=Wire Diameter			
H=Wire X Spacing			
I=Wire Y Spacing			

Seams

Damper:

CID: 873

Round



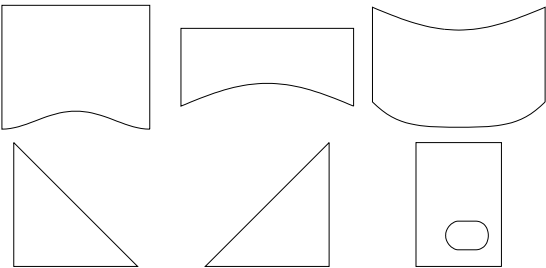
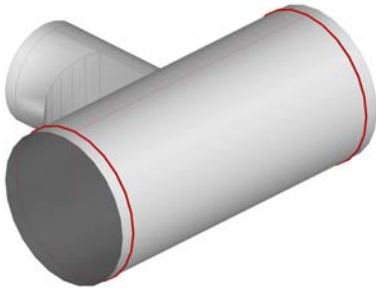
Dims		Options	
A=Diameter	Spacing	50.000	Conn's
B=Length	Diameter Ratio	1.100	C1
C=Item Centerline Length	Max Length	0.000	C2
	Draw as Single Line	No	
	Number Of Round Sections	12	

Seams

Damper:

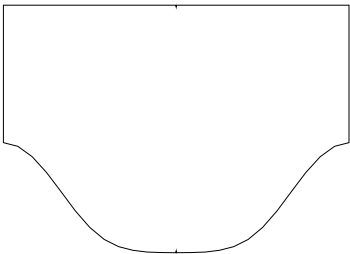
CID: 874

Round



CID: 875

Round

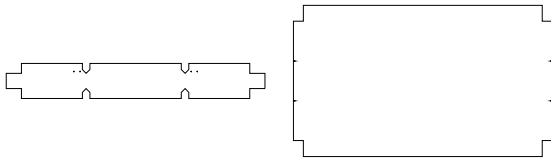
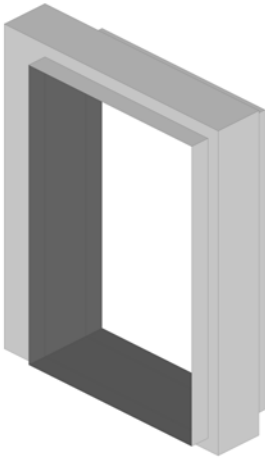


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Branch Diameter Type	Nominal	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	Seam Position	0.000	C3
E=Tap Diameter	First Break	180.000	
F=Tap Length	Second Break	270.000	
G=Angle	Third Break	90.000	
H=Inset	Branch Parts	Yes	
I=Extension	Hole Adjust	0.000	
J=Collar	Branch Allowance To Pipe	0.000	Seams
			S1
			S2
			S3
			Damper:

Dims		Options	
A=Pipe Diameter	Branch Parts	1	Conn's
B=Tap Diameter #1	First Break	0.000	C1
C=Tap Length #1	Second Break	0.000	C2
D=Angle #1	Third Break	0.000	C3
E=Offset #1	Pipe Diameter Type	Nominal	
F=Extension #1	Branch Diameter Type	Nominal	
	Branch Diameter Type	Nominal	
	Hole Adjust	0.000	
	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	Seams
	Throat Cut Back (Degrees)	0.000	S1
	Plate Border (Circumference)	0.000	S2
	Plate Type	Rectangular	
	Estimated Diameter %age	Not Used	Damper:
	Cut Back Allowance (%)	0.000	None
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	None
	End Castle Width	0.000	
	End Castle Angle	30.000	
	Draw Plate	No	

CID: 876

Rectangular



CID: 877

Electrical



Dims	Options	
A=Width	3 Parts	No
B=Depth		Conn's
C=Length		
D=Top		
E=Border		
F=Extension		
G=Fixing Hole Diameter		
H=Hole Inset		
I=Hole Spacing		

Seams

Damper:

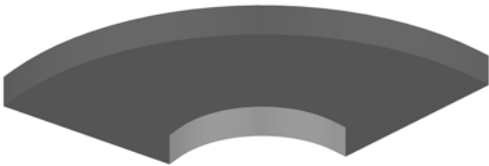
Dims	Options		
A=Width	Type	Tray	Conn's
B=Depth	Pattern	No	C1
C=Length	X Size	0.000	C2
D=Rail Width	Y Size	0.000	
E=Rung Width	Base Depth	0.000	
F=Rung Depth	Use Spacing	No	
G=Rung Height	Rotate	No	
H=Rung Spacing	Oversized Item	No	
I=Wire Diameter	Develop	No	
J=Wire X Spacing			Seams
K=Wire Y Spacing			

Seams

Damper:

CID: 878

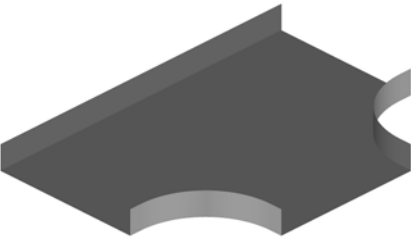
Electrical



Dims	Options	
A=Width	Rungs	3
B=Depth	Type	Tray
C=Angle	Throat Type	C1
D=Inner Radius	Heel Type	Radius
E=Extension	Base Depth	C2
F=Rail Width	Use Spacing	Radius
G=Rung Width	Double	C3
H=Rung Depth	Pattern	0.000
I=Rung Height	Inlet	No
J=Rung Inset	Outlet	No
K=Wire Diameter	Auto Mirror	No
L=Wire X Spacing	Mid Rungs	1
M=Wire Y Spacing	Left Rungs	2
N=Bottom Extension	Right Rungs	2
	Width	2
		Inside

CID: 879

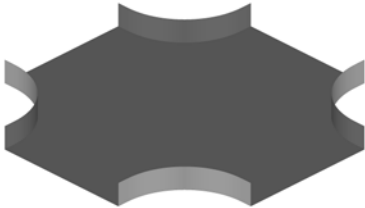
Electrical



Dims	Options	
A=Width	Type	Tray
B=Depth	Throat Type	Conn's
C=Branch Width	Pattern	Radius
D=Inner Radius	X Size	C1
E=Right Extension	Y Size	No
F=Rail Width	Inlet	C2
G=Rung Width	Outlet	0.000
H=Rung Depth	Double	C3
I=Rung Offset	Draw Throat	0.000
J=Rung Inset	Rungs Type	1
K=Wire Diameter	Mid Rungs	2
L=Wire X Spacing	Left Rungs	No
M=Wire Y Spacing	Right Rungs	Fixed
N=Bottom Extension	Bottom Rungs	4
O=Left Extension	Oversized Item	2
P=Branch Wire Spacing		2
		No

CID: 880

Electrical



Dims		Options	
A=Width	Throat Type	Radius	Conn's
B=Depth	Type	Tray	C1
C=Radius	Pattern	No	C2
D=Extension	X Size	0.000	C3
E=Rail Width	Y Size	0.000	C4
F=Rung Width			
G=Rung Depth			
H=Rung Height			
I=Rung Inset			
J=Wire Diameter			
K=Wire X Spacing			
L=Wire Y Spacing			

Seams

Damper:

CID: 881

Round



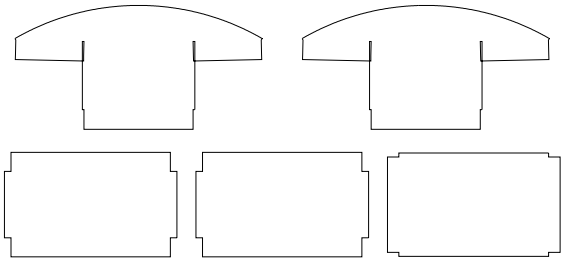
Dims		Options	
A=Pipe Diameter	Type	Supply	Conn's
B=Tap Diameter	Angle Tolerance	0.000	C1
C=Tap Length	Inlet	2	C2
D=Angle	Outlet	1	
E=Collar	Number Of Segments	12	

Seams

Damper:

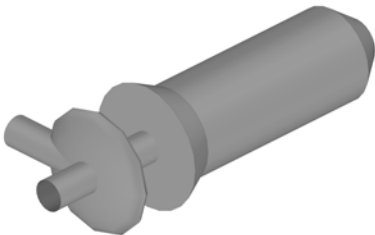
CID: 882

Rectangular



CID: 883

Pipework



Dims	Options	Conn's
A=Width In		C1
B=Depth		C2
C=Width Out		
D=Angle Out		
E=Length		
F=Slope Angle		
G=Extension		

Seams
S1

Damper:

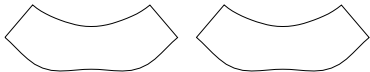
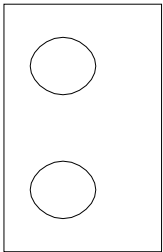
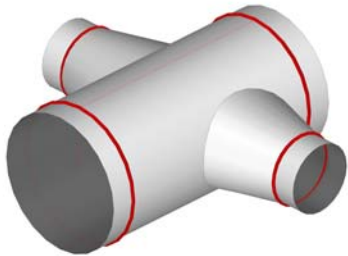
Dims	Options	Conn's
A=Diameter	Type	Vertical
B=Diameter	Flare	Out C1
C=Length	End	Flare C2
D=Height	Height	0.000
E=Height	Thickness	0.000
F=Inset	Quantity	0
G=Inset	X Rotation	0.000
H=Center Length	Y Rotation	0.000
I=Offset	Slope Angle	0.000
J=Offset		
K=Length		
L=Diameter		
M=Length		

Seams

Damper:

CID: 884

Round

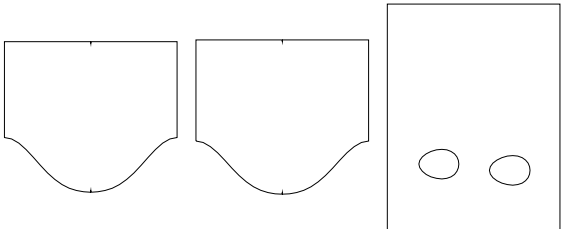
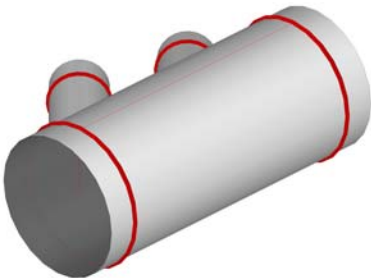


Dims					Options	
A...	I=...	W...	H...	s=...	d...	Pipe Parts
B...	m...	X...	I=...	t=...	e...	Branch Parts
C...	n...	Y...	J=...	u...	f=...	Pipe Seam Position
D...	o...	Z...	K...	v...	g...	First Break
E...	p...	a...	L=...	w...	h...	Second Break
F...	q...	b...	M...	x=...	i=...	Third Break
G...	r=...	c=...	N...	y...	j=...	Pipe Diameter Type
H...	s=...	d...	O...	z=...	k...	Branch Diameter Type
I=...	t=...	e...	P...	A...	I=...	Hole Adjust
J=...	u...	f=...	Q...	B...	m...	Branch Allowance To Pipe
K...	v...	g...	R...	C...	n...	Branch Seam Position
L=...	w...	h...	S...	D...	o...	Plate Border
M...	x=...	i=...	T...	E...	p...	Plate Border (Width)
N...	y...	j=...	U...	F...	q...	Plate Type
O...	z=...	k...	V...	G...	r=...	Inlet
P...	A...	I=...	W...	H...	s=...	Outlet
Q...	B...	m...	X...	I=...	t=...	
R...	C...	n...	Y...	J=...	u...	
S...	D...	o...	Z...	K...	v...	
T...	E...	p...	a...	L=...		
U...	F...	q...	b...	M...		
V...	G...	r=...	c=...	N...		
W...	H...	s=...	d...	O...		
X...	I=...	t=...	e...	P...		
Y...	J=...	u...	f=...	Q...		
Z...	K...	v...	g...	R...		
a...	L=...	w...	h...	S...		
b...	M...	x=...	i=...	T...		
c=...	N...	y...	j=...	U...		
d...	O...	z=...	k...	V...		
e...	P...	A...	I=...	W...		
f=...	Q...	B...	m...	X...		
g...	R...	C...	n...	Y...		
h...	S...	D...	o...	Z...		
i=...	T...	E...	p...	a...		
j=...	U...	F...	q...	b...		
k...	V...	G...	r=...	c=...		

1	Conn's
1	C1 C9 C...
0.000	C2 C... C...
0.000	C3 C... C...
0.000	C4 C... C...
0.000	C5 C... C...
Nominal	C6 C... C...
Nominal	C7 C...
0.000	C8 C...
0.000	Seams
0.000	S1
0.000	S2
Equal	
Rectangular	Damper:
1	
2	

CID: 885

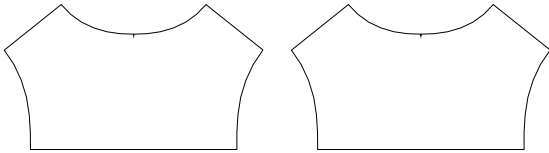
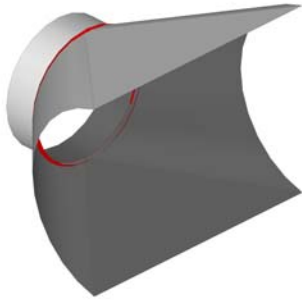
Round



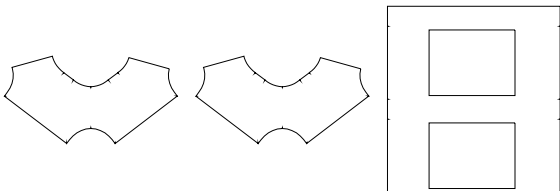
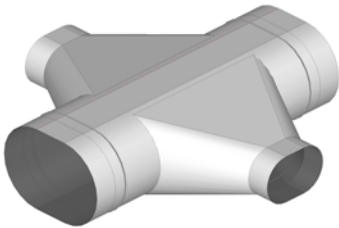
Dims					Options	
A=Pipe Diameter					Pipe Parts	1
B=Pipe Length					Branch Parts	1 C1
C=Left Extension					First Break	0.000 C2
D=Right Extension					Second Break	0.000 C3
E=Tap Diameter					Third Break	0.000 C4
F=Tap Length					Seam Position	0.000
G=Angle					Pipe Diameter Type	Nominal
H=Twist Angle					Branch Diameter Type	Nominal
I=Inset					Branch Diameter Type	Nominal
J=Rotation					Hole Adjust	0.000
K=Extension					Branch Allowance To Pipe	0.000
L=Tap Diameter					Branch Seam Position	0.000
M=Tap Length					Throat Cut Back (Degrees)	0.000
N=Angle					Cut Back Allowance (%)	0.000
O=Twist Angle					Plate Border	0.000
P=Inset					Plate Type	Rectangular
Q=Rotation					Plate Border (Width)	Auto
R=Extension					Use Pipe Seam For Branches	No

1	Conn's
1	C1
0.000	C2
0.000	C3
0.000	C4
0.000	
Nominal	
Nominal	
Nominal	
0.000	Seams
0.000	S1
0.000	S2
0.000	S3
0.000	Damper:
0.000	None
Rectangular	None
Auto	None
No	None

Round



Flat Oval

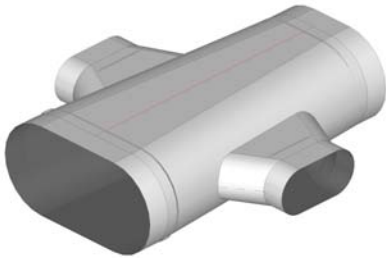


Damper:

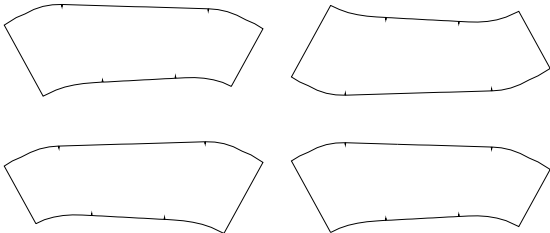
Dims	Options	
A=Major Axis	Pipe Parts	1
B=Minor Axis	Branch Parts	1 C1
C=Pipe Length	Pipe Seam Position	0.000 C2
D=Left Extension	Pipe Diameter Type	Nominal C3
E=Right Extension	Branch Diameter Type	Nominal C4
F=Width #1	Round Allowance To Pipe	0.000
G=Depth #1	Flat Allowance To Pipe	0.000
H=Tap Length #1	Hole Adjust	0.000
I=Angle #1	Add Collars To Body	No
J=Angle #1		
K=Inset #1		
L=Offset #1		
M=Rotation #1		
N=Collar #1		
O=Width #2		
P=Depth #2		
Q=Tap Length #2		
R=Angle #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		

CID: 888

Flat Oval

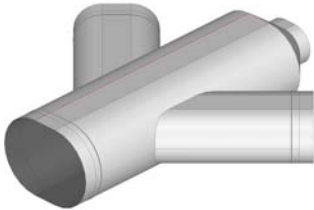


Dims	Options	
A=Width In	Pipe Parts	No Pipe
B=Depth In	Diameter Type In	Nominal C1
C=Width Out	Diameter Type Out	Nominal C2
D=Depth Out	Branch Diameter Type	Nominal C3
E=Length	Seam Position	Major Axis C4
F=Offset-Width	Offset-Width	Left In
G=Offset-Depth	Offset-Depth	Bottom Up
H=Left Collar	Hole Adjust	0.000
I=Right Collar	Branch Allowance To Pipe	0.000
J=Branch Width #1	Branch Offset	Centers
K=Branch Depth #1	Branch Inset	Throat S1
L=Tap Length #1	Tap Length	Throat S2
M=Inset #1	Branch Parts	2
N=Offset #1	Develop Branch Collars	No
O=Extension #1		Damper:
P=Hole Width #1		
Q=Hole Depth #1		
R=Branch Width #2		
S=Branch Depth #2		
T=Tap Length #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		
X=Hole Width #2		
Y=Hole Depth #2		

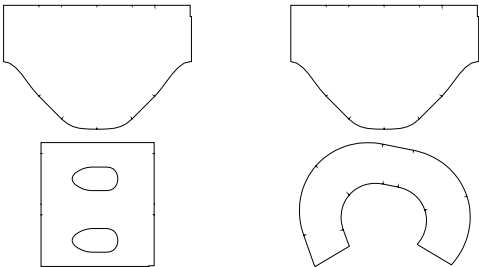


CID: 889

Round/Flat Oval

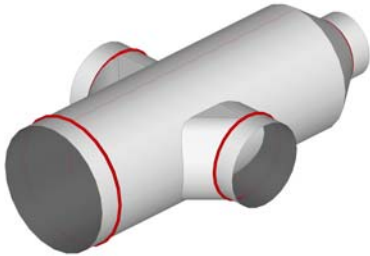


Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Branch Parts	1 C1
C=Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Branch Diameter Type	Nominal C3
E=Right Extension	Seam Position	0.000 C4
F=Branch Width #1	Right Diameter Type	Nominal C5
G=Branch Depth #1	Branch Allowance To Pipe	0.000
H=Tap Length #1	Reducer Parts	1
I=Angle #1	True Oval Straight	No
J=Inset #1	Hole Adjust	0.000
K=Offset #1		S1
L=(Hole) Rotation #1		S2
M=Extension #1		S3
N=Branch Width #2		Damper:
O=Branch Depth #2		
P=Tap Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Extension #2		
V=Right Width		
W=Right Depth		
X=Right Length		
Y=Offset-Width		
Z=Offset-Depth		

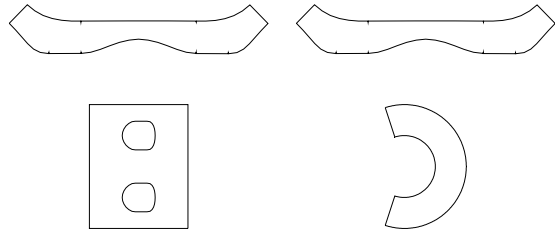


CID: 890

Round

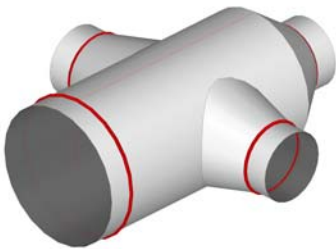


Dims	Options
A=Pipe Diameter	Pipe Parts1
B=Right Diameter	Branch Parts1
C=Pipe Length	Seam Position0.000
D=Right Length	Seam PositionThroat
E=Left Extension	Pipe Diameter TypeNominal
F=Right Extension	Branch Diameter TypeNominal
G=Tap Diameter	Branch Diameter TypeNominal
H=Tap Length	Branch Allowance To Pipe0.000
I=Angle	Hole Adjust0.000
J=Inset	Straight NotchNo
K=Offset	Plate Border0.000
L=Rotation	Plate TypeRectangular
M=Collar	Plate Border (Width)Auto
N=Tap Diameter	Right Diameter TypeNominal
O=Tap Length	InsetFront
P=Angle	Reducer Parts1
Q=Inset	
R=Offset	
S=Rotation	
T=Collar	

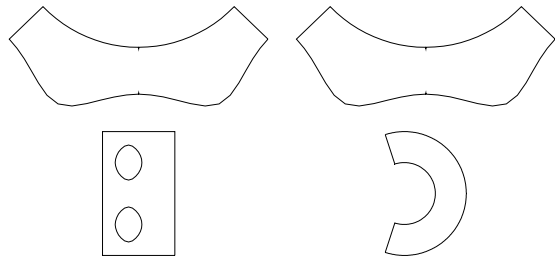


CID: 891

Round

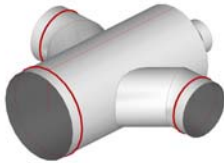


Dims	Options
A=Pipe Diameter	Pipe Parts1
B=Right Diameter	Branch Parts1
C=Pipe Length	Seam Position0.000
D=Right Length	Pipe Diameter TypeNominal
E=Left Extension	Branch Diameter TypeNominal
F=Right Extension	Branch Diameter TypeNominal
G=Tap Diameter	Hole Adjust0.000
H=Tap Length	Branch Allowance To Pipe0.000
I=Angle	Branch Seam Position0.000
J=Inset	Plate Border0.000
K=Rotation	Plate TypeRectangular
L=Collar	InputAngle
M=Tap Diameter	Plate Border (Width)Auto
N=Tap Length	Right Diameter TypeNominal
O=Angle	Reducer Parts1
P=Inset	
Q=Rotation	
R=Collar	
S=Btm Width	
T=Btm Width	

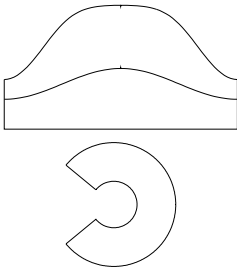
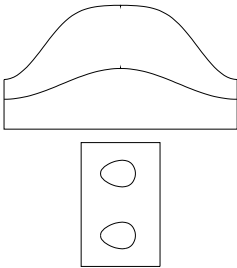


CID: 892

Round

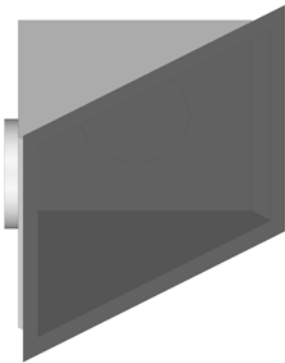


Dims	Options		
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Right Diameter	Branch Parts	1	C1
C=Pipe Length	First Break	0.000	C2
D=Right Length	Second Break	0.000	C3
E=Left Extension	Third Break	0.000	C4
F=Right Extension	Seam Position	0.000	C5
G=Tap Diameter	Pipe Diameter Type	Nominal	C6
H=Tap Length	Branch Diameter Type	Nominal	C7
I=Angle	Branch Diameter Type	Nominal	
J=Inset	Hole Adjust	0.000	Seams
K=Offset	Branch Allowance To Pipe	0.000	S1
L=Rotation	Throat Cut Back (Degrees)	0.000	S2
M=Extension	Right Diameter Type	Nominal	S3
N=Collar	Reducer Parts	1	Damper:
O=Tap Diameter	Branch Inset	Front	
P=Tap Length			
Q=Angle			
R=Inset			
S=Offset			
T=Rotation			
U=Extension			
V=Collar			

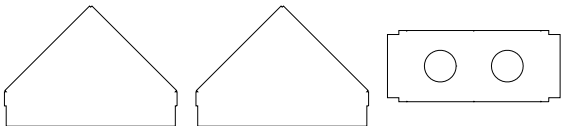


CID: 893

Rectangular

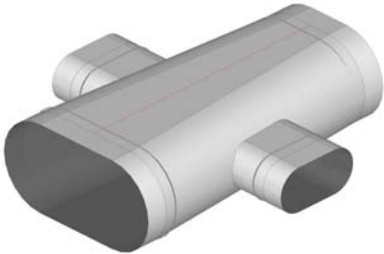


Dims	Options		
A=Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Angle	Vee Notch Angle	30.000	
D=Extension	Use Vee Notch	No	
E=Hole Width			
F=Hole Depth			
G=Hole Radius			
H=Offset-Width			
I=Offset-Depth			
J=Hole Width			Seams
K=Hole Depth			S1
L=Hole Radius			
M=Offset-Width			
N=Offset-Depth			
O=Step In Depth			
P=Step In Height			Damper:

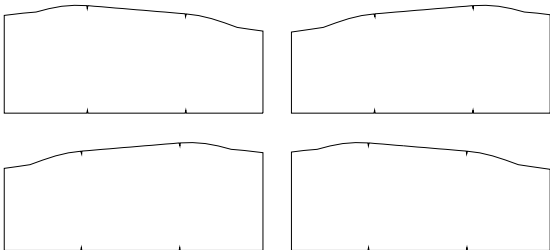


CID: 894

Flat Oval

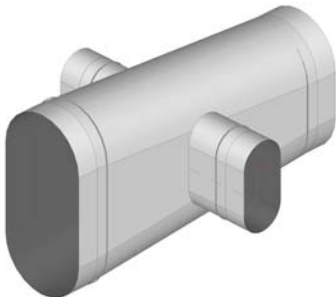


Dims		Options	
A=Major Axis	Pipe Parts	No Pipe	Conn's
B=Minor Axis	Diameter Type In	Nominal	C1
C=Major Axis	Diameter Type Out	Nominal	C2
D=Minor Axis	Branch Diameter Type	Nominal	C3
E=Length	Seam Position	Major Axis	C4
F=Offset-Width	Offset-Width	Left In	
G=Offset-Depth	Offset-Depth	Bottom Up	
H=Left Collar	Hole Adjust	0.000	
I=Right Collar	Branch Allowance To Pipe	0.000	
J=Branch Major Axis #1	Branch Offset	Centers	Seams
K=Branch Minor Axis #1	Branch Inset	Throat	S1
L=Tap Length #1	Tap Length	Throat	S2
M=Angle #1	Branch Parts	2	
N=Inset #1	Develop Branch Collars	No	Damper:
O=Offset #1			
P=Extension #1			
Q=Branch Major Axis #2			
R=Branch Minor Axis #2			
S=Tap Length #2			
T=Angle #2			
U=Inset #2			
V=Offset #2			
W=Extension #2			

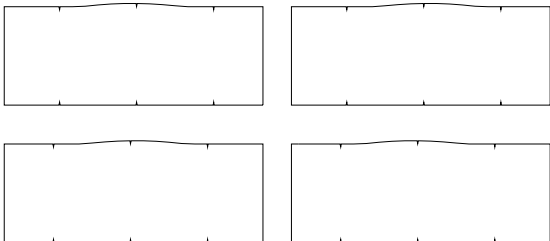


CID: 895

Flat Oval

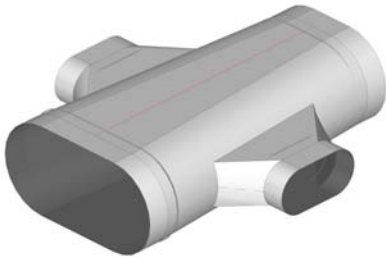


Dims		Options	
A=Minor Axis	Pipe Parts	No Pipe	Conn's
B=Major Axis	Diameter Type In	Nominal	C1
C=Minor Axis	Diameter Type Out	Nominal	C2
D=Major Axis	Branch Diameter Type	Nominal	C3
E=Length	Seam Position	Major Axis	C4
F=Offset-Width	Offset-Width	Left In	
G=Offset-Depth	Offset-Depth	Bottom Up	
H=Left Collar	Hole Adjust	0.000	
I=Right Collar	Branch Allowance To Pipe	0.000	
J=Branch Width #1	Branch Offset	Centers	Seams
K=Branch Depth #1	Branch Inset	Throat	S1
L=Tap Length #1	Tap Length	Throat	S2
M=Angle #1	Branch Parts	2	
N=Inset #1	Develop Branch Collars	No	Damper:
O=Offset #1			
P=Extension #1			
Q=Branch Width #2			
R=Branch Depth #2			
S=Tap Length #2			
T=Angle #2			
U=Inset #2			
V=Offset #2			
W=Extension #2			

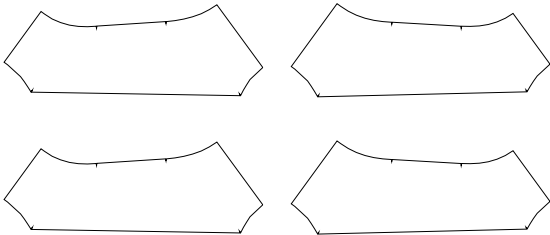


CID: 896

Flat Oval

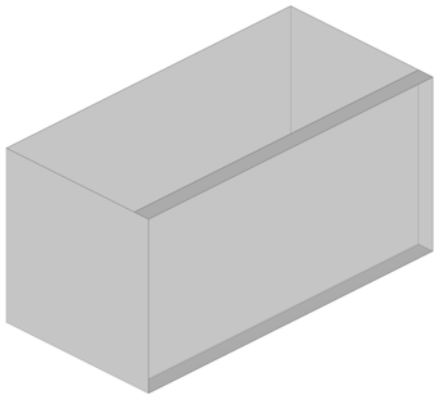


Dims	Options	
A=Major Axis	Pipe Parts	No Pipe
B=Minor Axis	Diameter Type In	Nominal C1
C=Major Axis	Diameter Type Out	Nominal C2
D=Minor Axis	Branch Diameter Type	Nominal C3
E=Length	Seam Position	Major Axis C4
F=Offset-Width	Offset-Width	Left In
G=Offset-Depth	Offset-Depth	Bottom Up
H=Left Collar	Hole Adjust	0.000
I=Right Collar	Branch Allowance To Pipe	0.000
J=Branch Major Axis #1	Branch Offset	Centers
K=Branch Minor Axis #1	Branch Inset	Throat S1
L=Tap Length #1	Tap Length	Throat S2
M=Inset #1	Branch Parts	2
N=Offset #1	Develop Branch Collars	No
O=Extension #1		Damper:
P=Hole Width #1		
Q=Hole Depth #1		
R=Branch Major Axis #2		
S=Branch Minor Axis #2		
T=Tap Length #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		
X=Hole Width #2		
Y=Hole Depth #2		

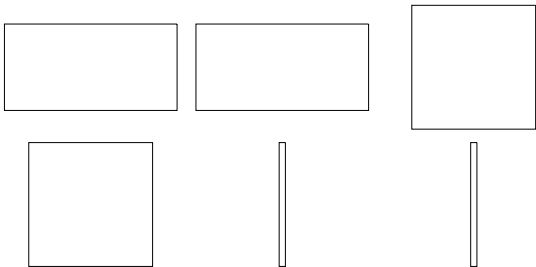


CID: 898

Rectangular/Standard



Dims	Options	
A=Width	Vertical	1
B=Height	Horizontal	1
C=Depth	Shelf Recess	0.000
D=Kick Height	Kick Recess	0.000
E=Center Stile Width	Doors	None

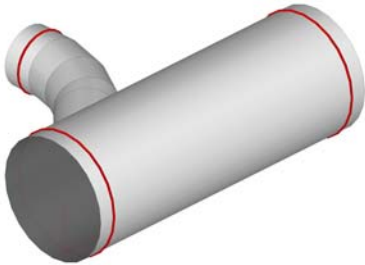


Seams

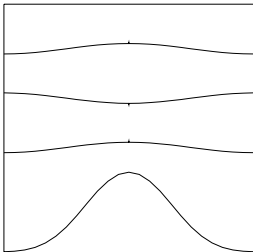
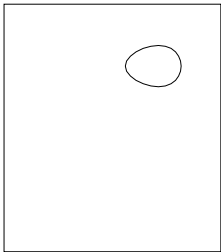
Damper:

CID: 899

Round

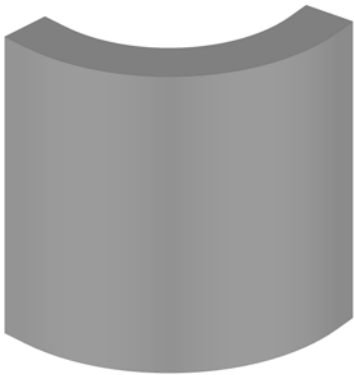


Dims	Options		
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Pipe Seam Position	180.000	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	C3
E=Diameter	Second Break	0.000	C4
F=Angle	Third Break	0.000	
G=Inset #1	Branch Diameter Type	Nominal	
H=Height	Branch Seam Position	0.000	
I=Top Extension	Girth Split	1	
	Number Of Segments	4	Seams
	Nest Break Start Segment	0	S1
	Nest Break End Segment	0	S2
	Marker Type	Notch	
	Hole Adjust	0.000	Damper:
	Notch Angle For Seam	0	
	Stitch Gap	0.000	
	Number Of Stitches	4	
	Branch Allowance To Pipe	0.000	
	Angle Tolerance	0.000	



CID: 900

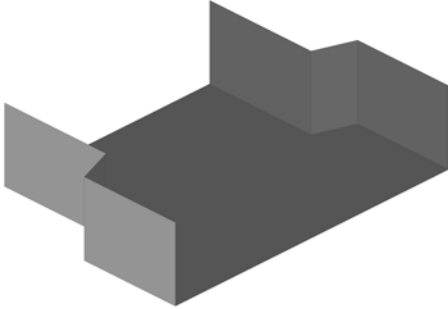
Electrical



Dims	Options		
A=Width	Rungs	3	Conn's
B=Depth	Type	Tray	C1
C=Angle	Type	Inside Riser	C2
D=Nominal Radius	Angle	No	
E=Extension	Pattern	No	
F=Rail Width	Auto Mirror	Yes	
G=Rung Width	Mid Rungs	4	
H=Rung Depth	Top Rungs	2	
I=Rung Height	Bottom Rungs	2	
J=Rung Inset	Width	Inside	Seams
K=Bottom Extension			
L=Wire Y Spacing			
M=Wire X Spacing			

Damper:

Electrical



Dims	Options	
A=Width	Offset	Central
B=Depth	Type	Tray C1
C=Width	Angle	Yes C2
D=Angle	Pattern	No
E=Length	X Size	0.000
F=Extension	Y Size	0.000
G=Rail Width	Base Depth	0.000
H=Rung Width	Use Spacing	No
I=Rung Depth	Number Of Rungs	2
J=Rung Height	Oversized Item	No
K=Rung Inset		
L=Wire Diameter		
M=Wire X Spacing		
N=Wire Y Spacing		
O=Depth		

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Seams

Central

Tray

Yes

No

0.000

0.000

0.000

No

2

No

Conn's

C1

C2

Rectangular/Round/Flat Oval/Standard

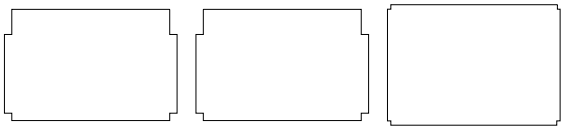
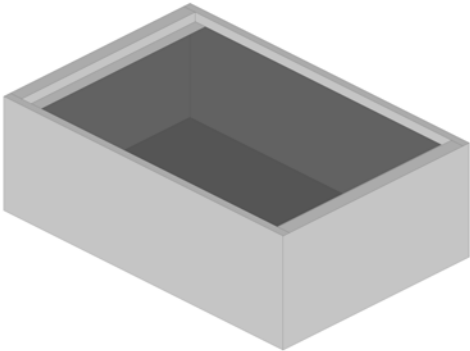
Dims	Options	
Inlet	1	Conn's
Outlet	1	
Pipework	No	
Show Boundries	No	

Seams

Damper:

CID: 903

Rectangular



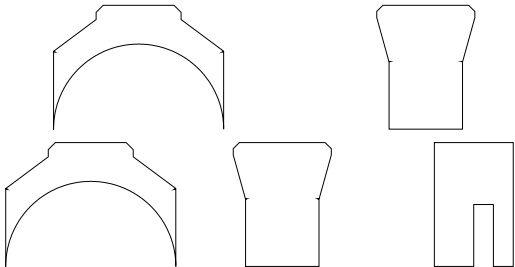
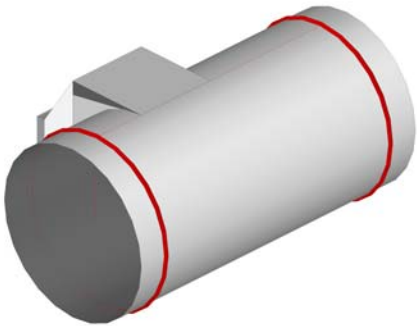
Dims	Options		
A=Width	Vee Notch Depth	0.000	Conn's
B=Depth	Vee Notch Angle	0	
C=Height			
D=Door Depth			
E=Top Thickness			
F=Side Thickness			
G=Door Overhang			
H=Turnover			

Seams

Damper:

CID: 904

Round

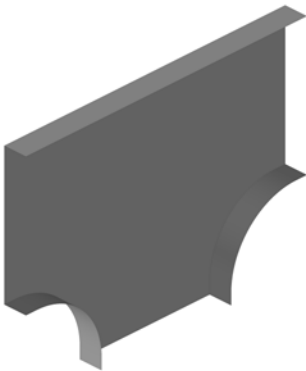


Dims	Options		
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	
C=Left Extension	Flat Allowance To Pipe	0.000	
D=Right Extension	Pipe Parts	1	
E=Branch Width	Pipe Seam Position	0.000	
F=Branch Depth	Hole Adjust	0.000	
G=Tap Length	Plate Border	0.000	
H=Inset	Castle Width	0.000	
I=Offset	Castle Angle	30.000	
J=Extension	Plate Border (Width)	Auto	Seams
K=Hole Width	Throat Clearance	0.000	
		S1	
		S2	

Damper:

CID: 905

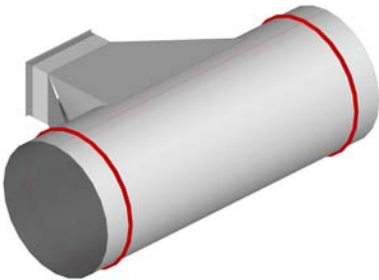
Electrical



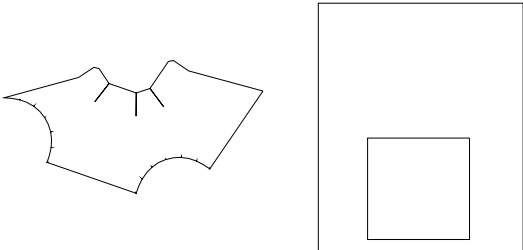
Dims	Options	
A=Width	Type	Tray
B=Depth	Throat Type	Radius C1
C=Branch Width	Type	Outside C2
D=Inner Radius	Pattern	No C3
E=Right Extension	X Size	0.000
F=Rail Width	Y Size	0.000
G=Rung Width	Inlet	1
H=Rung Depth	Outlet	2
I=Rung Offset	Double	No
J=Rung Inset	Draw Throat	No
K=Wire Diameter	Rungs Type	Fixed
L=Wire X Spacing	Mid Rungs	4
M=Wire Y Spacing	Left Rungs	2
N=Bottom Extension	Right Rungs	2
O=Left Extension	Bottom Rungs	2
P=Branch Wire Spacing		

CID: 906

Round

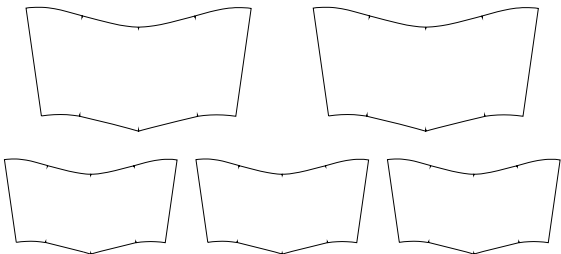
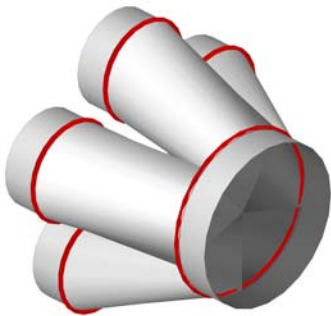


Dims	Options	
A=Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1 C1
C=Left Extension	Pipe Seam Position	0.000 C2
D=Right Extension	Pipe Diameter Type	Nominal C3
E=Branch Width	Round Allowance To Pipe	0.000
F=Branch Depth	Flat Allowance To Pipe	0.000
G=Tap Length	Hole Adjust	0.000
H=Angle	Add Collars To Body	No
I=Angle		
J=Inset		
K=Offset		
L=Rotation		
M=Extension		



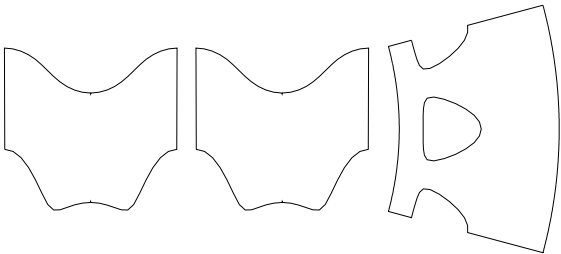
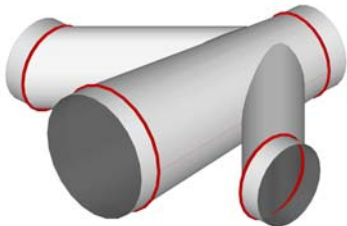
CID: 907

Round



CID: 908

Round



Dims		Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Top Diameter #1	Top Diameter Type	Nominal	C1
C=Top Diameter #2	Seam Position	Front	C2
D=Top Diameter #3	Girth Split	1	C3
E=Top Diameter #4			C4
F=Top Diameter #5			C5
G=Height			C6
H=Length #1			C7
I=Bottom Collar			
J=Collar			Seams
K=Length #2			S1
L=Length #3			
M=Length #4			
N=Length #5			
Damper:			

Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Branch Parts	1	C1
C=Pipe Length	Seam Position	270.000	C2
D=Left Collar	Seam Position	Throat	C3
E=Right Collar	Diameter Type BE	Nominal	C4
F=Tap Diameter	Diameter Type SE	Nominal	
G=Tap Length	Branch Diameter Type	Nominal	
H=Angle	Branch Diameter Type	Nominal	
I=Inset	Hole Adjust	0.000	
J=Offset	Branch Allowance To Pipe	0.000	Seams
K=Rotation			S1
L=Collar			S2
M=Tap Diameter			S3
N=Tap Length			Damper:
O=Angle			None
P=Inset			None
Q=Offset			None
R=Rotation			None
S=Collar			None

CID: 909

Electrical

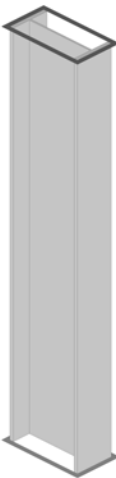


Dims	Options		
A=Width	Type	Tray	Conn's
B=Depth	Base Depth	0.000	C1
C=Length	Use Spacing	No	C2
D=Offset	Oversized Item	No	
E=Left Extension			
F=Right Extension			
G=Wire Diameter			
H=Wire X Spacing			
I=Wire Y Spacing			
Seams			

Damper:

CID: 910

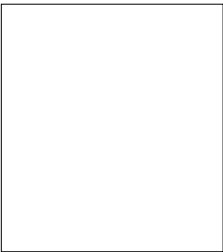
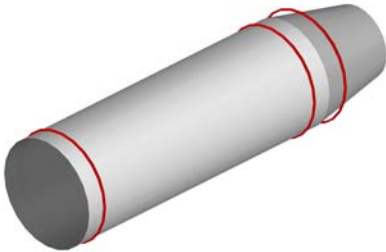
Rectangular/Standard



Dims	Options		
A=Depth	Type	Full	Conn's
B=Width	Rotation	Vertical	C1
C=Height	Closed	Yes	C2
D=Flange	Hole Type	Circle/Ellipse	
E=Flange	Draw as Single Line	No	
F=Radius	Full	No	
G=Radius	Connectors	Yes	
H=Web	Hole Rotation	0	
I=Left Horizontal Angle	Export	No	
J=Right Horizontal Angle			Seams
K=Left Vertical Angle			
L=Right Vertical Angle			
M=Turnover #1			
N=Turnover #2			
O=Hole Inset			
P=Hole Offset			
Q=Hole Width			
R=Hole Depth			
S=Hole Spacing			
T=Number Of Holes			
Damper:			

CID: 911

Round/Flat Oval



CID: 912

Round



Dims		Options	
A=Pipe Width	Pipe Diameter Type	Nominal	Conn's
B=Pipe Depth	Reducer Diameter Type	Nominal	C1
C=Pipe Length	Pipe Parts	1	C2
D=Reducer Width	Pipe Seam Position	0.000	C3
E=Reducer Depth	Offset-Width	Left In	
F=Reducer Length	Offset-Depth	Bottom Up	
G=Offset-Width	Diameter Reduction	0.000	
H=Offset-Depth			
I=Left Extension			
J=Right Extension			
			Seams
			S1

Damper:

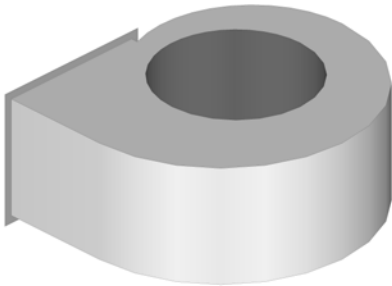
Dims		Options	
A=Diameter	Inlet	1	Conn's
B=Height	Outlet	1	
C=Top Length	Library	Round	
D=Btm Length	Fix Double Wall	No	
	Branches Inset Centrally	No	

Seams

Damper:

CID: 913

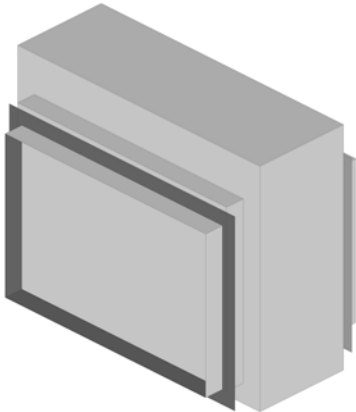
Rectangular/Round



Dims	Options		
A=Width	Mirror	No	Conn's
B=Depth	Base Depth	Yes	C1
C=Length	Cost Supports	No	C2
D=Height			
E=X Distance			
F=Y Distance			
G=Diameter			
H=Rotation			
I=Base Height			
J=Base Width			
K=Base Depth			
L=Extension			
			Seams
			Damper:

CID: 914

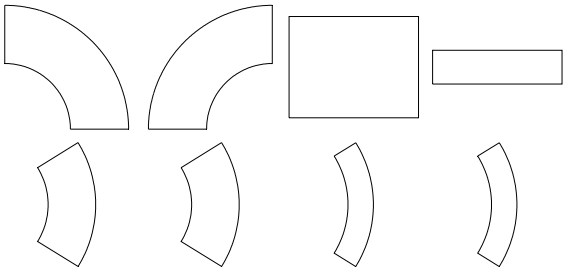
Rectangular



Dims	Options		
A=Width	Install Type	Plain	Conn's
B=Depth	Sex Type	Male	C1
C=Length	Control Type	Plain	C2
D=Inset	Type	Single	
E=Inset	Draw Type	None	
F=Sides	Temperature Type	None	
G=Top	Draw Type	None	
H=Bottom	Lines	No	
I=Extension	X-Offset	0.000	
J=Right Extension	Y-Offset	0.000	Seams
K=Sides	Position	Left	
L=Bottom	Orientation	Vertically Down	
M=Top	Detail	Low	
	Type	Auto	Damper:
	Cost Supports	No	
	Lines Type	Quantity	
	Lines	3.000	

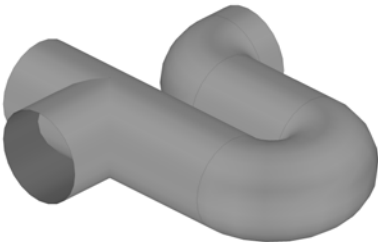
CID: 915

Rectangular



CID: 916

Pipework



Dims	Options	Conn's
A=Diameter		
B=Inner Radius		
C=Angle		

Seams
S1

Damper:

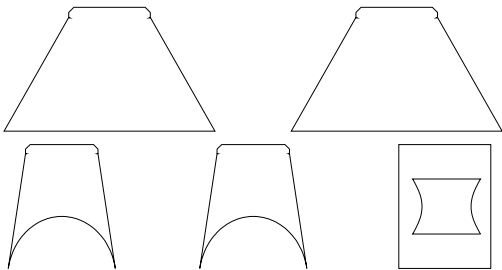
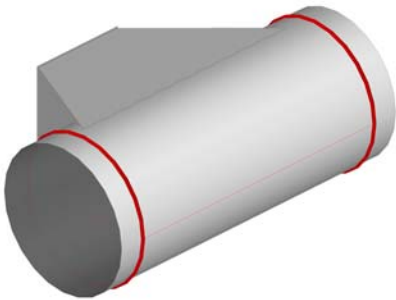
Dims	Options	Conn's
A=Diameter	Type	Straight Branch
B=Depth	Rotation	0.000 C1
C=Height	Inlet	1 C2
D=Y-Offset	Outlet	2
E=X-Offset	Angle Tolerance	0.000
F=Inner Radius		
G=Inner Radius		
H=Angle Out		
I=Base Angle		
J=C2 Inner Diameter		

Seams

Damper:

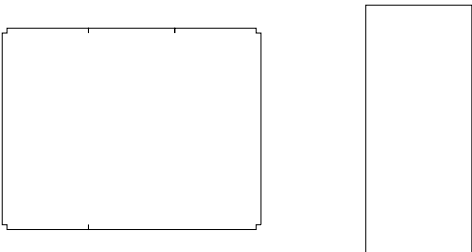
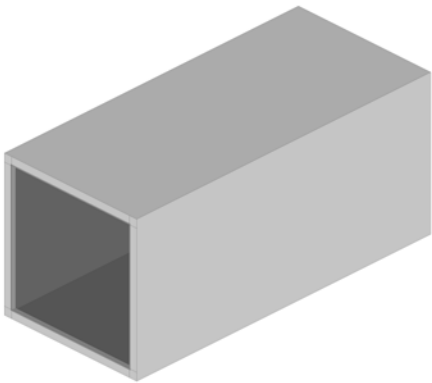
CID: 917

Round



CID: 918

Rectangular

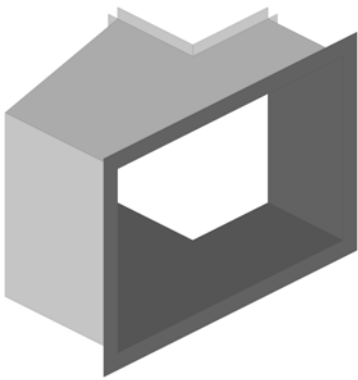


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Branch Width	Pipe Parts	1	
F=Branch Depth	First Break	0.000	
G=Tap Length	Second Break	0.000	
H=Side Angle	Third Break	0.000	
I=Front Angle	Pipe Seam Position	270.000	
J=Inset	Castle Width	0.000	Seams
K=Offset	Castle Angle	30.000	S1
L=Rotation			S2
M=Extension			
Damper:			

Dims		Options	
A=Width	Turnover	In	Conn's
B=Depth	Turnover	Top	C1
C=Length	Vee Notch Depth	Auto	C2
D=Turnover #1	Vee Notch Angle	0.000	
E=Turnover #2	Marker Depth	0.000	
	Marker Angle	0.000	
	Type	Rectangular	
	Left Diameter Type	Nominal	
	Right Diameter Type	Nominal	
	Maximum Stretchout	10000.000	Seams
Damper:			

CID: 919

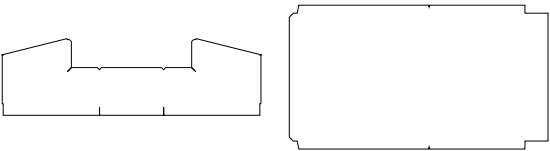
Rectangular



Dims	Options		
A=Width	Vee Notch Depth	Auto	Conn's
B=Depth	Vee Notch Angle	0.000	C1
C=Length	Marker Depth	0.000	C2
D=Hole Length	Marker Angle	0.000	
E=Hole Width	Parts	2	
F=Turnover			
G=Left Length			

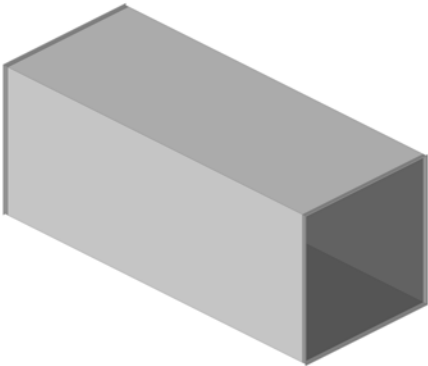
Seams
S1

Damper:



CID: 920

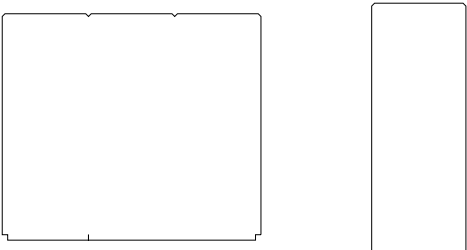
Rectangular



Dims	Options		
A=Width	Turnover	In	Conn's
B=Depth	Vee Notch Depth	Auto	C1
C=Depth	Vee Notch Angle	0.000	C2
D=Length	Marker Depth	0.000	
E=Extension	Marker Angle	0.000	
F=Turnover #1	Type	Rectangular	
G=Turnover #2	Diameter Type	Nominal	
	Maximum Stretchout	10000.000	

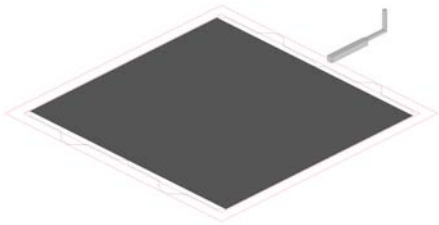
Seams

Damper:



CID: 921

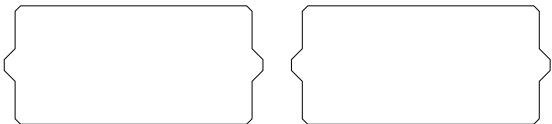
Rectangular/Standard



Dims	Options		
A=Width	Type	Rectangular	Conn's
B=Depth	Vee Notch Depth	0.000	C1
C=Insulation	Vee Notch Angle	0.000	
D=Duct Adjust			
E=Maximum Width			
F=Corner			
G=Center			

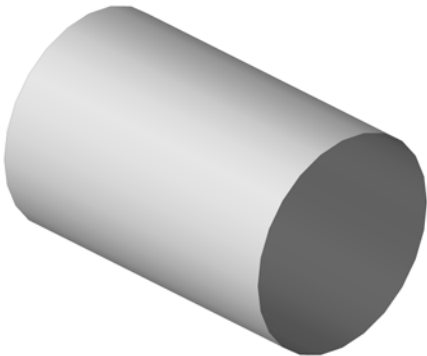
Seams

Damper:



CID: 922

Round



Dims	Options		
A=Diameter	Parts To Cut	All	Conn's
B=Inner Diameter			C1
C=Y Pitch			C2
D=Number Of Segments			C3
E=Quantity			

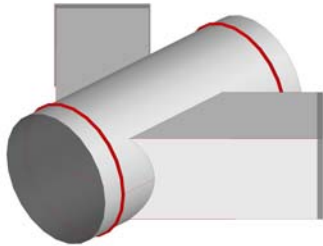
Seams

S1

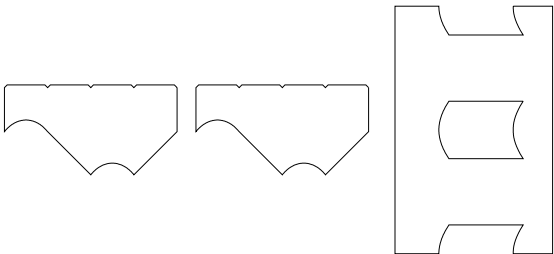
Damper:

CID: 923

Round

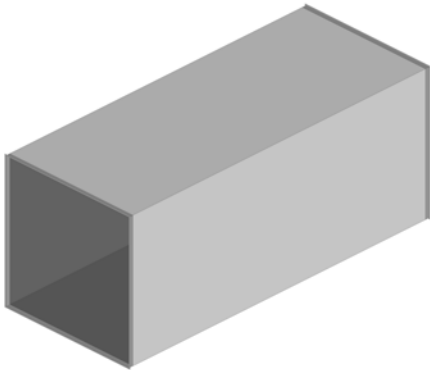


Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Round Allowance To Pipe	0.000	C1
C=Left Extension	Flat Allowance To Pipe	0.000	C2
D=Right Extension	Hole Adjust	0.000	C3
E=Branch Width	Pipe Parts	1	C4
F=Branch Depth	Branch Parts	1	
G=Tap Length	First Break	0.000	
H=Angle	Second Break	0.000	
I=Inset	Third Break	0.000	
J=Offset	Pipe Seam Position	270.000	Seams
K=Rotation	Hole Adjust	0.000	S1
L=Extension	Plate Border	0.000	S2
M=Branch Width	Castle Width	0.000	S3
N=Branch Depth	Castle Angle	30.000	Damper:
O=Tap Length	Plate Border (Width)	Auto	None
P=Angle			None
Q=Inset			None
R=Offset			None
S=Rotation			None
T=Extension			

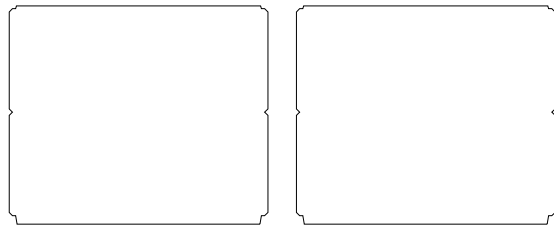


CID: 924

Rectangular



Dims		Options	
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Duct Length	(inch)	C1
C=Length	Female Allow	Shortest Side	C2
	1xU,1xI	Shortest Side	
	Allow Multiple Straights	Yes	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Maximum Sheet Size	None	
	Allow Split Sides	No	Seams
	Maximum Fold Length	None	S1
	Minimum Fold Length	None	S2
	Duct Adjust	0.000	
	STD Straight	No	Damper:
	Override	None	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Beading	No	
	Insulation Parts	Same	
	Insulation UI	Shortest Side	



CID: 925

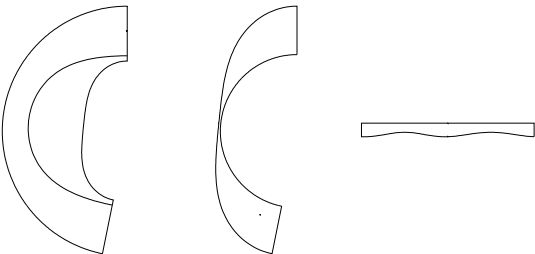
Flat Oval



Dims	Options	
A=Bottom Diameter	Seam Position	180.000
B=Height	Girth Split	1
C=Offset	Pipe Diameter Type	Nominal
D=Height	Branch Diameter Type	Nominal
E=Left Height	Hole Adjust	0.000
F=Right Height	Stitch Gap	0.000
G=Branch Height #1	Number Of Stitches	0
H=Tap Diameter #1		
I=Tap Length #1		
J=Rotation #2		
K=Tap Diameter #2		
L=Tap Length #2		
M=Center Point #2		
N=Angle #2		
O=Split Vertical		
P=Top Diameter		

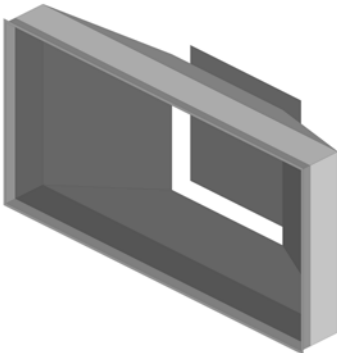
Seams

Damper:



CID: 926

Rectangular



Dims	Options	
A=Left Width	Item Connector Len1	0.000
B=Left Depth	Item Connector Len2	0.000
C=Length	3 Parts	Yes
D=Right Width	Connector	No
E=Right Depth	Seam Extension	No
F=Offset-Width	Vee Depth Male	Auto
G=Offset-Depth	Vee Depth Female	Auto
H=Left Extension	Vee Angle Male	90.000
I=Right Extension	Vee Angle Female	90.000
J=Step In Depth	Use Vee Notch	No
	Chamfer Seam Allowances	Yes
	Input	Angle
	Rotation	0
	Cost Supports	No

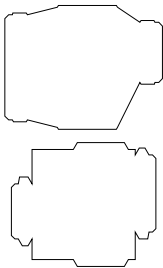
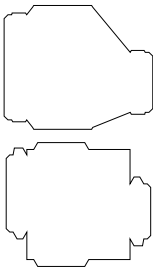
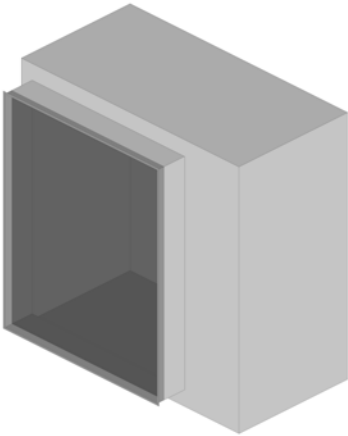
Seams

Damper:



CID: 927

Rectangular



CID: 928

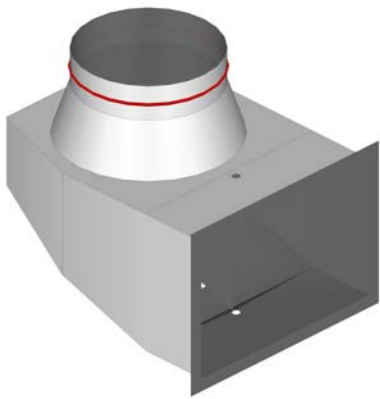
Round/Standard

Dims		Options	
A=Width	Notch Angle For Seam	30.000	Conn's
B=Depth			C1
C=Length			C2
D=Inlet Width			
E=Inlet Depth			
F=Inlet			
G=Inlet Offset Width			
H=Inlet Offset Depth			
I=Outlet Width			
J=Outlet Depth			
K=Outlet			Seams
L=Outlet Offset Width			S1
M=Outlet Offset Depth			S2
Damper:			

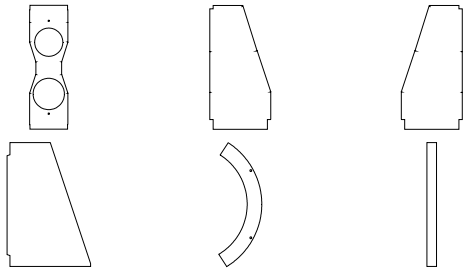
Dims		Options	
Inlet		1	Conn's
Outlet		1	
Library		Duct	
Faces		No	
Damper:			

CID: 929

Rectangular

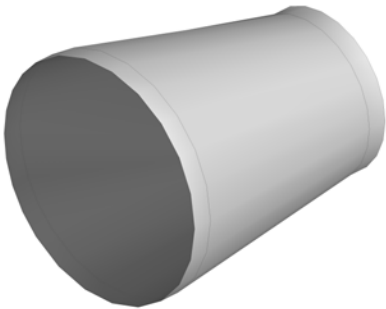


Dims	Options		
A=Width	Front Top and Back Parts	1	Conn's
B=Depth	Pipe Parts	Yes	C1
C=Outlet	Hole Adjust	0.000	C2
D=Diameter	Air Guide	Yes	
E=Height	Air Guide Adjust	0.000	
F=Back	Access Door	Round	
G=Top Width	Pipe Parts		
H=Sides	Air Guide		
I=Top Depth	Vee Depth Male	Auto	
J=Pipe Length	Vee Depth Female	Auto	Seams
K=Extension	Vee Angle Male	30	S1
L=Hole Diameter	Vee Angle Female	30	S2
M=Tie Rod Position #1	Front Hole Offset	Center	
N=Tie Rod Hole Diameter	Back Hole Offset	Center	Damper:
O=Tie Rod Position #2			
P=Front Hole Offset			
Q=Back Hole Offset			



CID: 930

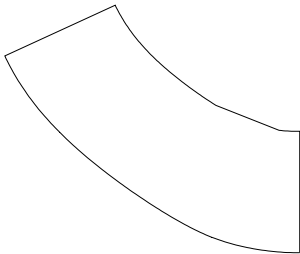
Round



Dims	Options		
A=Diameter	Seam Position	0.000	Conn's
B=Diameter	2 Parts	No	C1
C=Length	Vee Notch Angle	20.000	C2
D=Y-Offset	Vee Notch Depth (C1)	0.000	
E=X-Offset	Vee Notch Depth (C2)	0.000	
F=Slice Depth	Seam For Weathering	No	
G=Slice Angle	Slice Left	No	
H=Left Collar	Slice Right	Yes	
I=Right Collar			

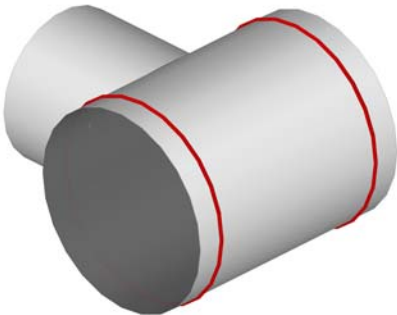
Seams
S1

Damper:

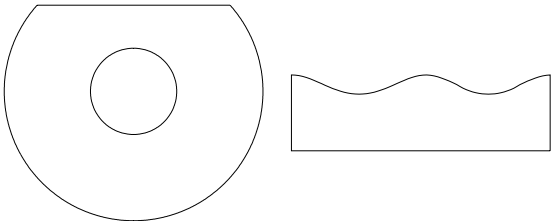


CID: 931

Round

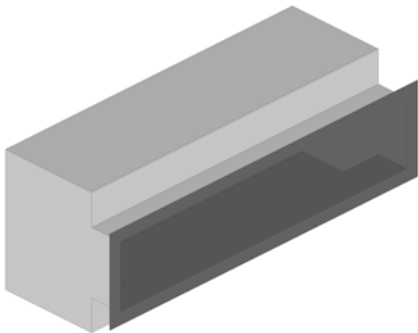


Dims		Options	
A=Tap Diameter	Branch Seam Position	0.000	Conn's
B=Tap Length	Branch Parts	1	C1
C=Hole Diameter	Branch Allowance To Pipe	0.000	C2
D=Slice Depth	Pipe Seam Position	0.000	
E=Slice Angle	Pipe Parts	None	
F=Pipe Diameter	Hole Adjust	20.000	
G=Pipe Length	Vee Notch Angle	20.000	
H=Inset	Vee Notch Depth	0.000	
I=Left Extension	Lid Parts	1	
J=Right Extension			Seams
			S1
			S2
			S3
			Damper:

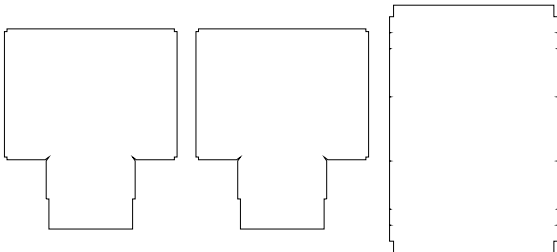


CID: 932

Rectangular

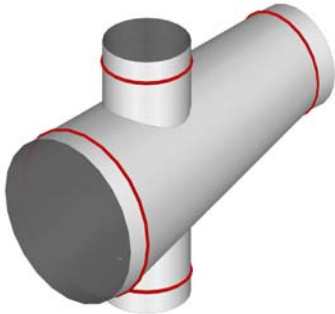


Dims		Options	
A=Top Width	Vee Angle Female	20	Conn's
B=Btm Width	Vee Angle Male	20	C1
C=Top Height	Vee Depth Female	Auto	
D=Bottom Height	Vee Depth Male	Auto	
E=Length	Chamfer Notches On Outer Cor...	No	
F=Offset	3 Part Wrap	No	
	Connector Allowance	4 Sides	
	Cost Supports	No	
			Seams
			S1
			S2
			Damper:

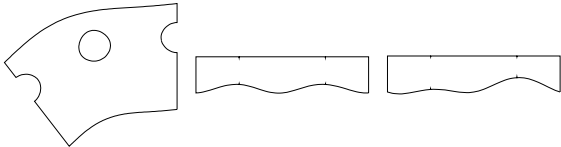


CID: 933

Round

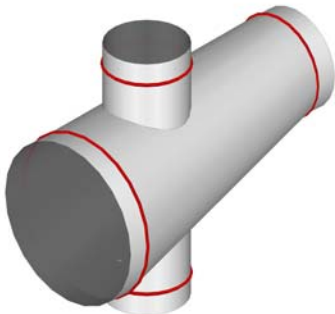


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Seam Position	0.000	C1
C=Pipe Length	Hole Adjust	0.000	C2
D=Left Extension	Diameter Type	Nominal	C3
E=Right Extension	Branch Type	Round	C4
F=Offset-Width	Branch Parts	1	
G=Offset-Depth	Branch Seam Position	0.000	
H=Tap Diameter #1	Branch Allowance To Pipe	0.000	
I=Tap Length #1	Branch Diameter Type	Nominal	
J=Angle #1	Branch Type	Round	Seams
K=Inset #1	Branch Parts	1	S1
L=Offset #1	Branch Seam Position	0.000	S2
M=Extension #1	Branch Allowance To Pipe	0.000	
N=Tap Diameter #2	Branch Diameter Type	Nominal	Damper:
O=Tap Length #2	Develop Collars	No	
P=Angle #2	Develop Branch Collars	No	
Q=Inset #2			
R=Offset #2			
S=Extension #2			

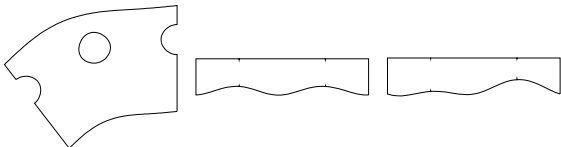


CID: 934

Round



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Seam Position	0.000	C1
C=Pipe Length	Hole Adjust	0.000	C2
D=Left Extension	Diameter Type	Nominal	C3
E=Right Extension	Branch Type	Round	C4
F=Offset-Width	Branch Parts	1	
G=Offset-Depth	Branch Seam Position	0.000	
H=Tap Diameter #1	Branch Allowance To Pipe	0.000	
I=Tap Length #1	Branch Diameter Type	Nominal	
J=Angle #1	Branch Type	Round	Seams
K=Inset #1	Branch Parts	1	S1
L=Offset #1	Branch Seam Position	0.000	S2
M=Extension #1	Branch Allowance To Pipe	0.000	
N=Tap Diameter #2	Branch Diameter Type	Nominal	Damper:
O=Tap Length #2	Develop Collars	No	
P=Angle #2	Develop Branch Collars	No	
Q=Inset #2			
R=Offset #2			
S=Extension #2			

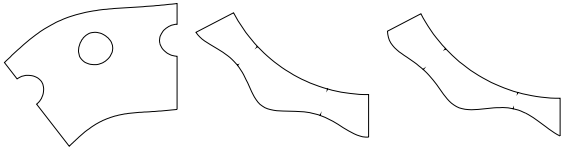


CID: 935

Round



Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Diameter	Seam Position	0.000 C1
C=Pipe Length	Hole Adjust	0.000 C2
D=Left Extension	Diameter Type	Nominal C3
E=Right Extension	Branch Type	Conical Branch C4
F=Offset-Width	Branch Parts	1
G=Offset-Depth	Branch Seam Position	0.000
H=Tap Diameter #1	Branch Allowance To Pipe	0.000
I=Tap Length #1	Branch Diameter Type	Nominal
J=Angle #1	Branch Type	Conical Branch
K=Slope Angle #1	Branch Parts	1 S1
L=Inset #1	Branch Seam Position	0.000 S2
M=Offset #1	Branch Allowance To Pipe	0.000
N=Extension #1	Branch Diameter Type	Nominal
O=Branch Rotation #1	Develop Collars	No Damper:
P=Tap Diameter #2	Develop Branch Collars	No
Q=Tap Length #2		
R=Angle #2		
S=Slope Angle #2		
T=Inset #2		
U=Offset #2		
V=Extension #2		
W=Branch Rotation #2		

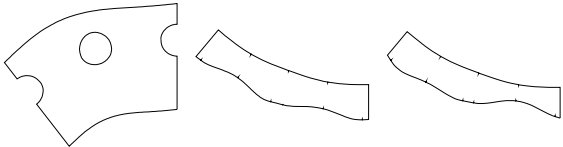


CID: 936

Round

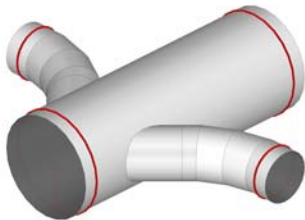


Dims	Options	
A=Pipe Diameter	Pipe Parts	1 Conn's
B=Pipe Diameter	Seam Position	0.000 C1
C=Pipe Length	Hole Adjust	0.000 C2
D=Left Extension	Diameter Type	Nominal C3
E=Right Extension	Branch Type	Double Shoe C4
F=Offset-Width	Branch Parts	1
G=Offset-Depth	Branch Seam Position	0.000
H=Tap Diameter #1	Branch Allowance To Pipe	0.000
I=Tap Length #1	Branch Diameter Type	Nominal
J=Angle #1	Branch Type	Double Shoe
K=Slope Angle #1	Branch Parts	1 S1
L=Inset #1	Branch Seam Position	0.000 S2
M=Offset #1	Branch Allowance To Pipe	0.000
N=Extension #1	Branch Diameter Type	Nominal
O=Tap Diameter #2	Develop Collars	No Damper:
P=Tap Length #2	Develop Branch Collars	No
Q=Angle #2		
R=Slope Angle #2		
S=Inset #2		
T=Offset #2		
U=Extension #2		

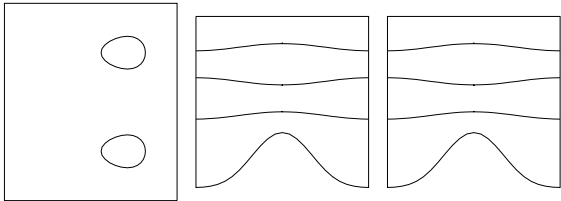


CID: 938

Round

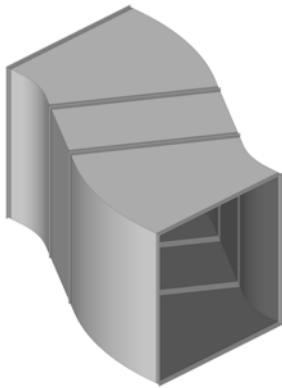


Dims	Options		
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Pipe Seam Position	180.000	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	C3
E=Tap Diameter #1	Second Break	0.000	C4
F=Angle #1	Third Break	0.000	C5
G=Inset #1	Branch Diameter Type	Nominal	
H=Height #1	Branch Seam Position	0.000	
I=Extension #1	Girth Split	1	
J=Tap Diameter #2	Number Of Segments	4	Seams
K=Angle #2	Nest Break Start Segment	0	S1
L=Inset #2	Nest Break End Segment	0	S2
M=Height #2	Marker Type	Notch	
N=Extension #2	Hole Adjust	0.000	Damper:
	Notch Angle For Seam	0	
	Stitch Gap	0.000	
	Number Of Stitches	4	
	Branch Allowance To Pipe	0.000	
	Angle Tolerance	0.000	



CID: 939

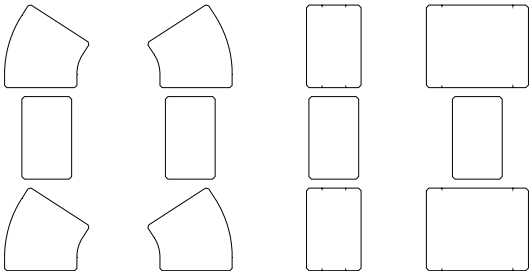
Rectangular



Dims	Options		
A=Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Length	Vee Angle Male	30	C2
D=Extension In	Vee Angle Female	30	C3
E=Extension Out	Offset-Width	Left In	C4
F=Offset-Width	Restricted Flow	Warning	
G=Radius			
H=Connector Inset			

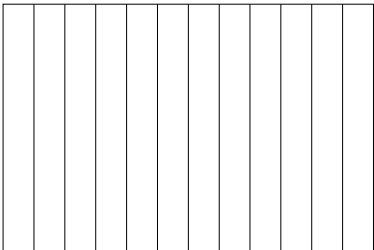
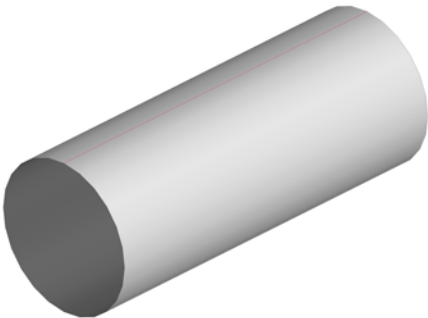
Seams
S1
S2

Damper:



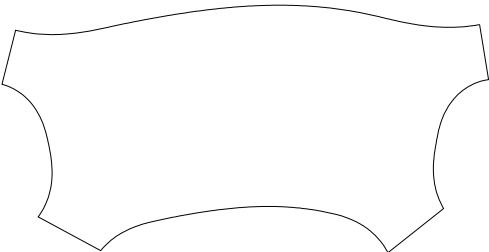
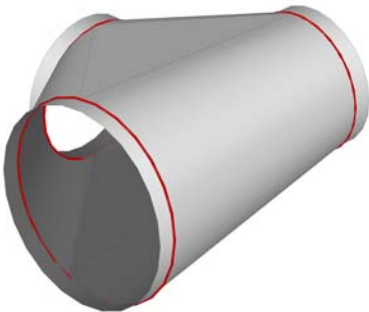
CID: 940

Round/Ductboard



CID: 941

Round



Dims		Options	
A=Diameter		Diameter Type	Nominal
B=Length		Number Of Segments	12 C1
C=Left Extension		Diameter Adjust	3.000 C2
D=Right Extension		Half End	No

Seams
S1

Damper:
None
None

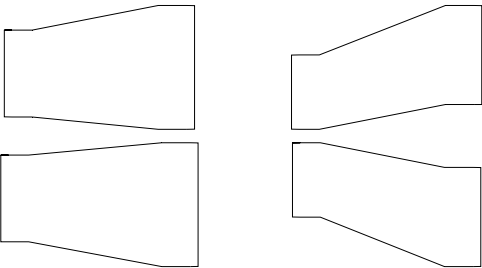
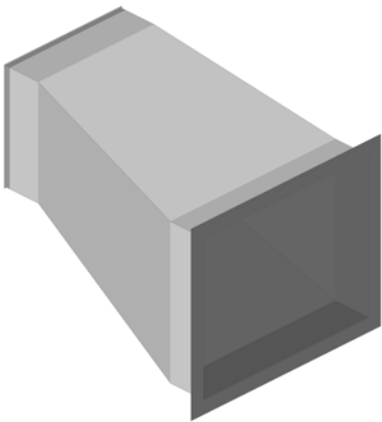
Dims		Options	
A=Left Diameter		Left Diameter Type	Nominal
B=Right Diameter		Right Diameter Type	Nominal C1
C=Pipe Length		Branch Diameter Type	Nominal C2
D=Y-Offset		Marker Notches	No C3
E=X-Offset			
F=Left Collar			
G=Right Collar			
H=Tap Diameter			
I=Tap Length			
J=Offset			
K=Collar			
L=Angle			

Seams
S1

Damper:

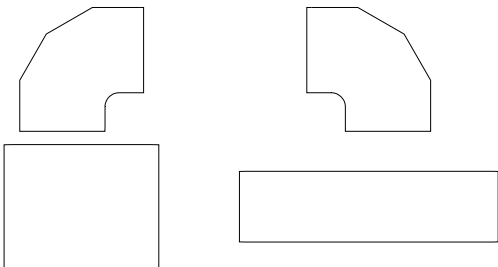
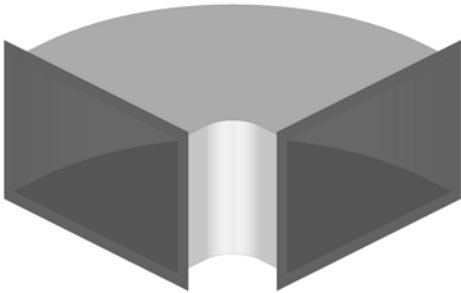
CID: 942

Rectangular/Ductboard



CID: 943

Rectangular/Ductboard

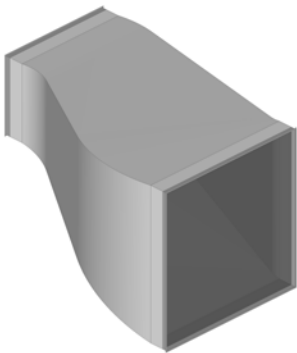


Dims	Options		
A=Width In	2 Parts	No	Conn's
B=Depth In	3 Parts	No	C1
C=Width Out	Vee Depth Male	Auto	C2
D=Depth Out	Vee Depth Female	Auto	
E=Length	Vee Notch Angle	20.000	
F=Extension In	Taper Notch If Straight Edge (F...	No	
G=Extension Out	Female Allow	Shortest Slope	
H=Offset-Width	2-Sided Part Allowance	Auto	
I=Offset-Depth	Estimated Width Out %age	Not Used	
J=Angle	Estimated Depth Out %age	Not Used	Seams
	Offset-Width	Left In	S1
	Offset-Depth	Bottom Up	
	Taper Notch If Straight Edge (M...	No	
	Use Taper Notch For 2 Parts	Yes	Damper:
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Input	Length	
	Vee Notch Depth If Straight Edg...	Auto	
	Maximum Angle	180.000	
	Splitter Turnover	0.000	
	Splitter Extension	0.000	
	Splitter Adjust	0.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Splitter Hole Diameter	0.000	
	Number Of Holes	0.000	
	Splitters	Half	
	Hole Inset	0.000	
	Fixing Holes on Turnover	No	
	Show Fold Angles	No	

Dims	Options		
A=Top Width	Throat Type	Radius	Conn's
B=Depth	Length Adjust For Part 4	0.000	C1
C=Angle	Length Adjust For Part 3	0.000	C2
D=Top Inner Extension	Vee Depth Male	Auto	
E=Bottom Extension	Vee Depth Female	Auto	
F=Inner Radius	Vee Angle Male	30	
	Vee Angle Female	30	
	Auto Oversize	Normal	
	Seam Number For Throat		
	Leg Lengths	No	Seams
	Allow Central Tie Rods	Yes	S1
	Riser Bend	No	
	Mark Splitter Sides	No	
	Insulation Parts	Same	Damper:
	Outer Mitre	300.000	

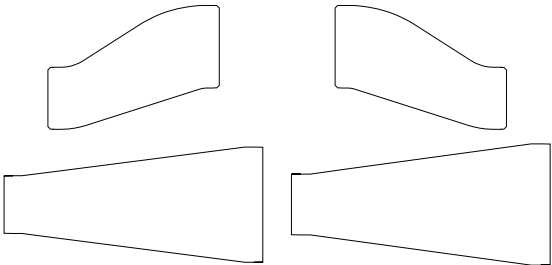
CID: 944

Rectangular/Ductboard



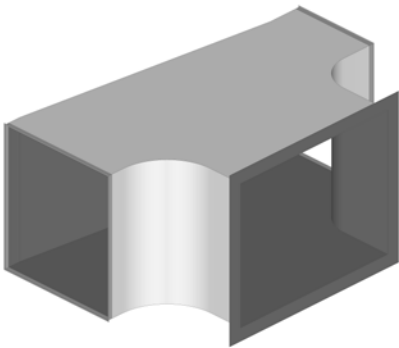
Dims	Options	
A=Width In	Vee Depth Male	Auto Conn's
B=Depth In	Vee Depth Female	Auto C1
C=Width Out	Vee Angle Male	30 C2
D=Depth Out	Vee Angle Female	30
E=Length	Offset-Width	Left In
F=Extension In	Offset-Depth	Top Down
G=Extension Out	Restricted Flow	Warning
H=Offset-Width	Seam Cut Back	0.000
I=Offset-Depth	Allow Central Tie Rods	No
J=Left Radius	Wraps V Notch If Zero Radius	No Seams
K=Right Radius	New 3D And Develops	No S1
	Separate Extension In	No

Damper:



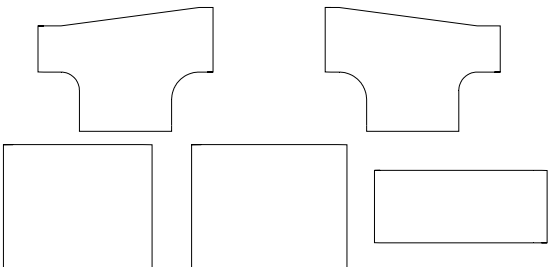
CID: 945

Rectangular/Ductboard



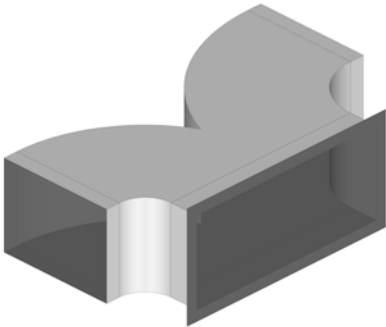
Dims	Options	
A=Btm Width	Throat Type	Radius Conn's
B=Depth	Vee Depth Male	Auto C1
C=Left Width	Vee Depth Female	Auto C2
D=Right Width	Vee Notch Angle	30.000 C3
E=Right Radius	Estimated Width Out %age	Not Used
F=Left Radius	Hole Diameter	0.500
G=Btm Right Extension	Hole Spacing	2.000
H=Btm Left Extension	Splitters	No
I=Right Extension	Inlet	1
J=Left Extension	Outlet	2 Seams
K=Splitter Distance	Insulation Parts	Same S1

Damper:

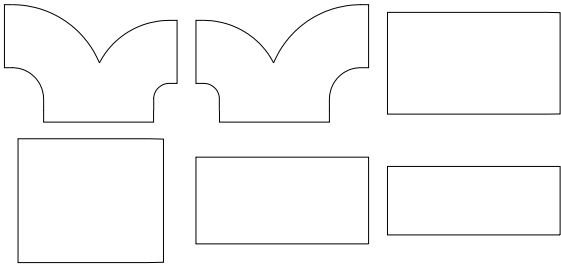


CID: 946

Rectangular/Ductboard

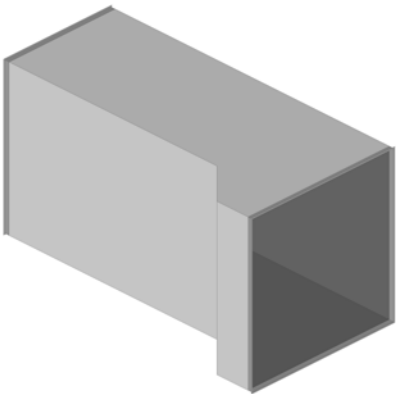


Dims	Options	
A=Btm Width	Right Throat Type	Radius
B=Depth	Left Throat Type	Radius C1
C=Right Width	Right Heel Type	Radius C2
D=Left Width	Left Heel Type	Radius C3
E=Height	2 Part Wrapper	No
F=Right Radius	Outlet	2
G=Left Radius	Insulation Parts	Same
H=Right Ang		
I=Left Angle		
J=Btm Right Extension		
K=Btm Left Extension		
L=Right Extension		
M=Left Extension		
N=Top Extension		

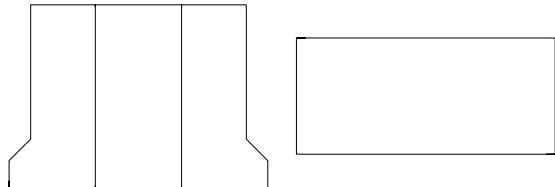


CID: 947

Rectangular/Ductboard

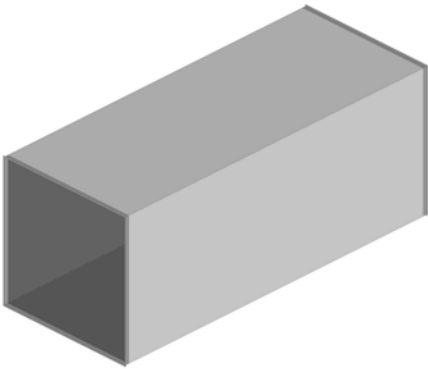


Dims	Options	
A=Top Width	Branch Parts	Auto
B=Depth		Conn's
C=Height		C1
D=Btm Width		C2
E=Bottom Extension		



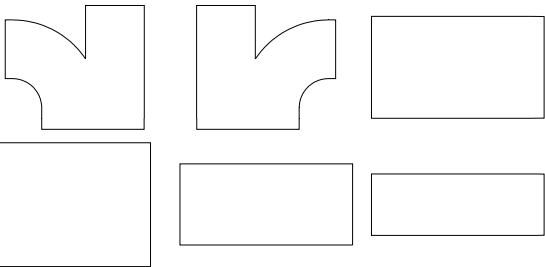
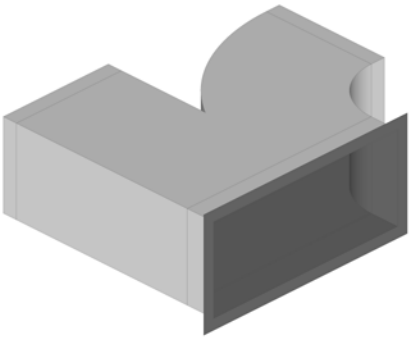
CID: 948

Rectangular/Ductboard



CID: 950

Rectangular/Ductboard



Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Female Allow	Shortest Side C1
C=Length	1xU,1xI	Shortest Side C2
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Insulation Parts	Same S1
	Insulation UI	Shortest Side

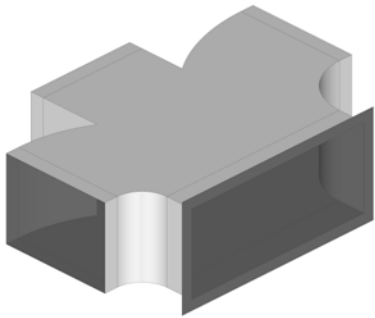
Damper:

Dims	Options	
A=Btm Width	Right Throat Type	Radius
B=Depth	Right Heel Type	Radius C1
C=Top Width	Junction Notch	Use Vee Notch C2
D=Right Width	2 Part Wrapper	No C3
E=Height	Top Right	Straight
F=Right Height	Outlet	2
G=Right Radius	Insulation Parts	Same
H=Right Ang		
I=Bottom Extension		
J=Right Extension		
K=Top Extension		

Damper:

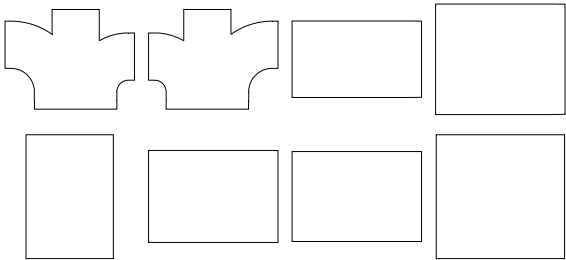
CID: 951

Rectangular/Ductboard



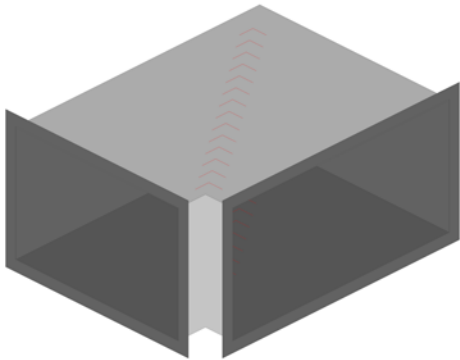
Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Depth	Left Throat Type	Radius C1
C=Top Width	Right Heel Type	Radius C2
D=Right Width	Left Heel Type	Radius C3
E=Left Width	Junction Notch	Use Vee Notch C4
F=Height	Vee Notch Angle	0.000
G=Right Height	2 Part Wrapper	No
H=Left Height	Top Right	Straight
I=Right Radius	Top Left	Straight
J=Left Radius	Outlet	2 Seams
K=Right Ang	Insulation Parts	Same S1
L=Left Angle		S2
M=Btm Right Extension		
N=Btm Left Extension		
O=Right Extension		
P=Left Extension		
Q=Top Extension		

Damper:

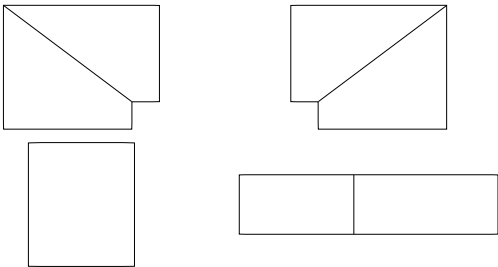


CID: 952

Rectangular/Ductboard

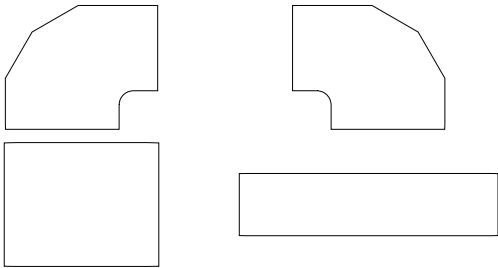
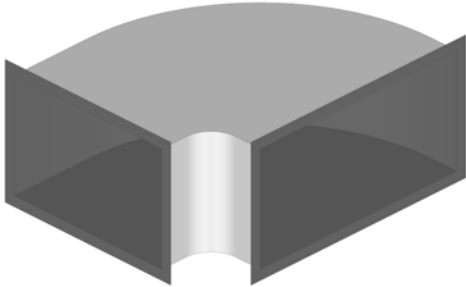


Dims	Options	
A=Top Width	Length Adjust For Part 4	0.000 Conn's
B=Depth	Length Adjust For Part 3	0.000 C1
C=Btm Width	Vee Depth Male	Auto C2
D=Angle	Vee Depth Female	Auto
E=Top Inner Extension	Vee Angle Male	30
F=Bottom Extension	Vee Angle Female	30
	3 Parts	No
	Seam Number For Throat	
	2 Part Wrapper	No
	Leg Lengths	No Seams
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same Damper:
	Draw Custom Insulation	No



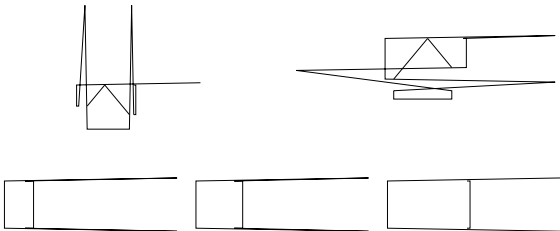
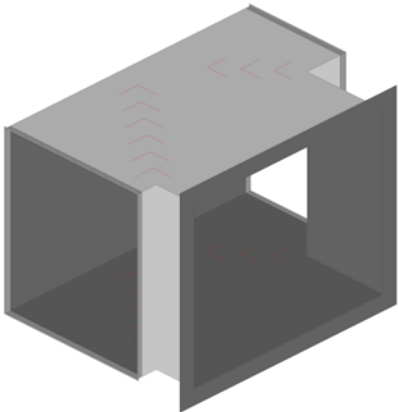
CID: 953

Rectangular/Ductboard



CID: 954

Rectangular/Ductboard



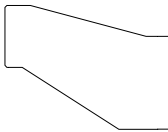
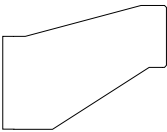
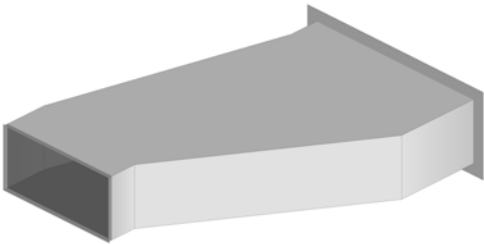
Dims	Options	
A=Top Width	Throat Type	Radius
B=Depth	Length Adjust For Part 4	0.000 C1
C=Btm Width	Length Adjust For Part 3	0.000 C2
D=Angle	Vee Depth Male	Auto
E=Top Inner Extension	Vee Depth Female	Auto
F=Bottom Extension	Vee Angle Male	30
G=Inner Radius	Vee Angle Female	30
	Auto Oversize	Normal
	Seam Number For Throat	
	Leg Lengths	No
	Allow Central Tie Rods	Yes S1
	Riser Bend	No
	Mark Splitter Sides	No
	Insulation Parts	Same
	Outer Mitre	300.000

Dims	Options	
A=Btm Width	3 Parts	No
B=Depth	Vee Depth Male	Auto C1
C=Left Width	Vee Depth Female	Auto C2
D=Right Width	Vee Notch Angle	30.000 C3
E=Btm Left Extension	Estimated Width Out %age	Not Used
F=Right Extension	Hole Diameter	0.500
G=Left Extension	Hole Spacing	2.000
H=Splitter Distance	Splitters	No
	Inlet	1
	Outlet	2
	Insulation Parts	Same S1

Damper:

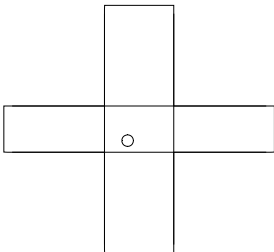
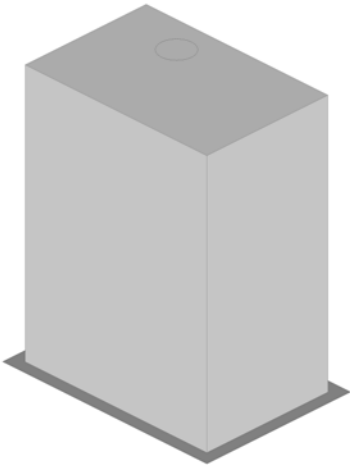
CID: 955

Rectangular/Ductboard



CID: 956

Rectangular/Ductboard

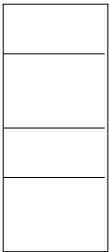
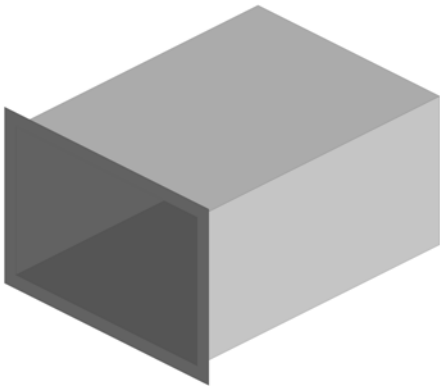


Dims		Options	
A=Left Width	Estimated Width Out %age	Not Used	Conn's
B=Depth	Seam Cut Back	0.000	C1
C=Right Width	Allow Central Tie Rods	No	C2
D=Length	Insulation Parts	Same	
E=Left Extension	Split Mitre	No	
F=Right Extension			
G=Offset-Width			
H=Angle			
I=Left Extension			
J=Right Extension			
		Seams	
		S1	
		Damper:	
		None	
		None	

Dims		Options	
A=Width	Collar Allowance	0.000	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Length	Hole Adjust	0.000	C2
D=Hole Width #1	Position From	Center	
E=Hole Depth #1	Use Vee Notch	No	
F=Hole Radius #1	Vee Notch Angle	0.000	
G=Hole Inset #1	Collar Allowance	0.000	
H=Hole Offset #1	Collar Allowance	0.000	
I=Hole Collar #1	Collar Allowance	0.000	
J=Hole Axis Rotn #1	Collar Allowance	0.000	Seams
		0.000	S1
		0.000	S2
		Damper:	
		None	

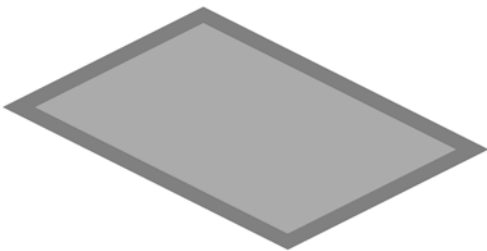
CID: 957

Rectangular/Ductboard



CID: 958

Rectangular/Ductboard



Dims	Options		
A=Width B=Depth C=Length	Type	1 Part Straight	Conn's C1

Seams

Damper:

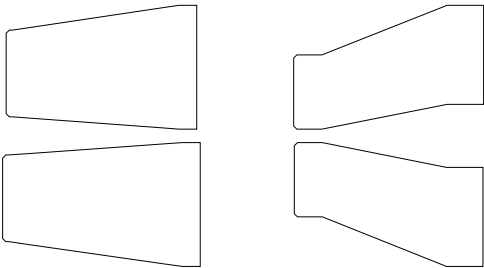
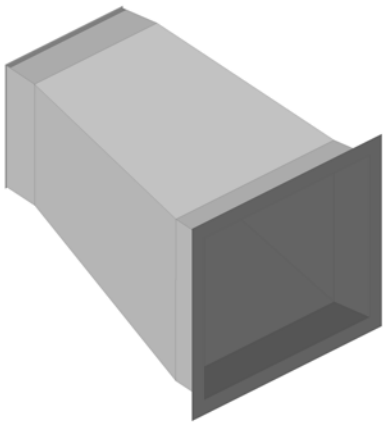
Dims	Options		
A=Width B=Depth			Conn's C1 C2

Seams

Damper:

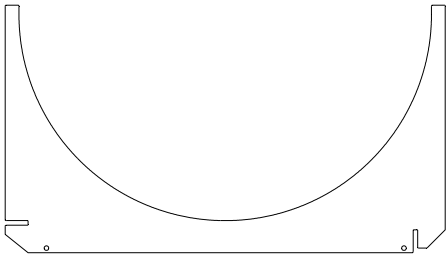
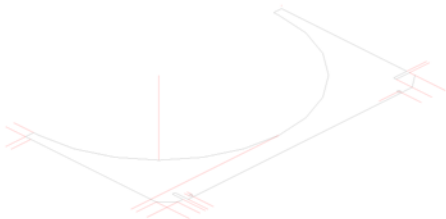
CID: 959

Rectangular



CID: 960

Standard

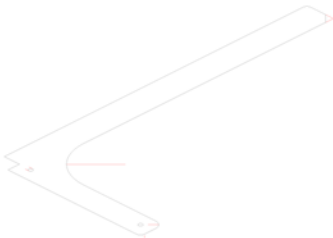


Dims	Options	
A=Width In	2 Parts	No Conn's
B=Depth In	3 Parts	No C1
C=Width Out	Vee Depth Male	Auto C2
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used Seams
	Offset-Width	Left In S1
	Offset-Depth	Bottom Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes Damper:
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

Dims	Options	
A=R	Number Of Holes	2 Conn's
B=R1		
C=D		
D=X1		
E=X2		
F=X3		
G=X4		
H=X5		
I=Y1		
J=Y2		
K=Y3		
L=Y4		
M=Slot Length		
N=Slot Width		
		Seams
		Damper:

CID: 961

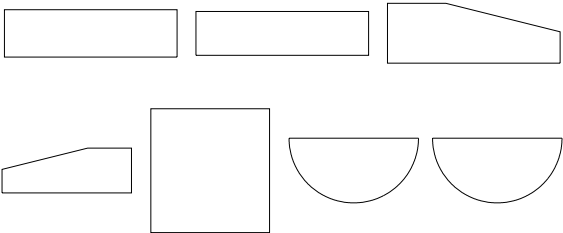
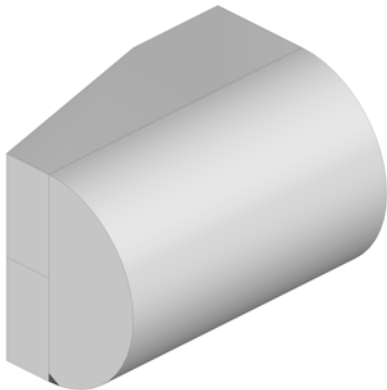
Standard



Dims	Options		
A=A	Chamfer	No	Conn's
B=B	Number Of Holes	2	
C=R			
D=X1			
E=X2			
F=X4			
G=Y1			
H=Y3			
I=Y4			
J=D			Seams
K=R2			
L=R3			
M=Hole Offset			
N=Hole Inset			Damper:

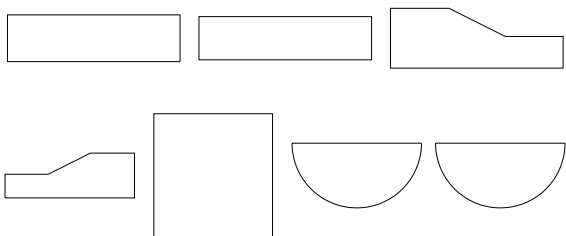
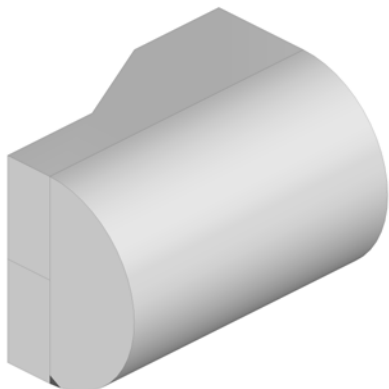
CID: 962

Rectangular/Round

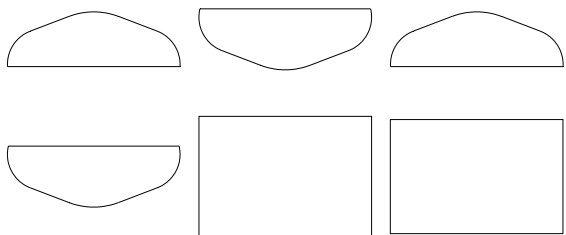
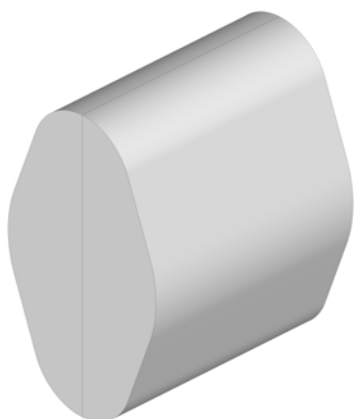


Dims	Options		
A=Diameter	Vee Depth Male	0.000	Conn's
B=Left Height	Vee Angle Male	30.000	C1
C=Right Height	Vee Depth Female	0.000	
D=Length	Vee Angle Female	30.000	
E=Right Length	Notch Out	No	
	Use Ends Seam 3	No	
	Split Radius	No	
	Close Middle	No	
			Seams
			S1
			S2
			S3
			Damper:

Rectangular/Round



Rectangular/Round



Dims	Options	Conn's
A=Diameter	Vee Depth Male	0.000
B=Left Height	Vee Angle Male	30.000
C=Right Height	Vee Depth Female	0.000
D=Length	Vee Angle Female	30.000
E=Left Length	Notch Out	No
F=Right Length	Use Ends Seam 3	No
	Split Radius	No
	Close Middle	No

Seams
S1
S2
S3
Damper:

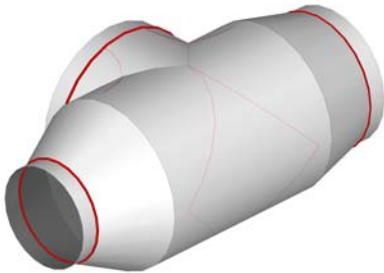
Dims	Options	
A=Width	Vee Depth Male	0.000
B=Depth	Vee Angle Male	30.000
C=Length	Vee Depth Female	0.000
D=Left Radius	Vee Angle Female	30.000
E=Top Radius	Notch Out	No

Seams
S1
S2

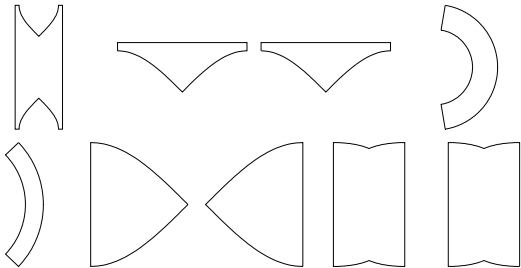
Damper:

CID: 965

Round

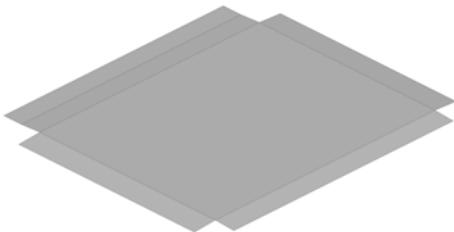


Dims	Options	
A=Top Diameter	Pipe Parts	2 Conn's
B=Top Extension	Branch Parts	2 C1
C=Left Diameter	First Break	0.000 C2
D=Left Length	Second Break	0.000 C3
E=Left Offset	Third Break	0.000 C4
F=Left Inset	Top Diameter Type	Nominal C5
G=Left Extension	Left Diameter Type	Nominal
H=Right Diameter	Right Diameter Type	Nominal
I=Right Length	Hole Adjust	0.000
J=Right Offset	Branch Allowance To Pipe	0.000 Seams
K=Right Inset	Branch Seam Position	0.000 S1
L=Right Extension	Throat Cut Back (Degrees)	0.000 S2
M=Left Collar	Cut Back Allowance (%)	0.000 S3
N=Right Collar	Inlet	1 Damper:
	Outlet	2
	End Castle Width	0.000
	End Castle Angle	30.000
	Reducer Parts	2
	Splitter Adjust	0.000
	Splitters	Yes
	Lengths Include Extensions	No

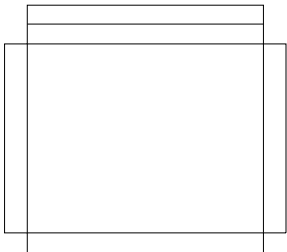


CID: 966

Rectangular/Standard

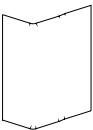
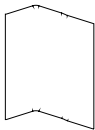
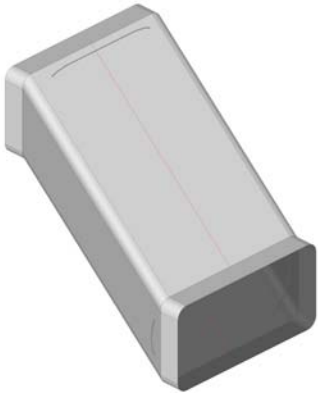


Dims	Options	
A=Width	Top Folds	2 Conn's
B=Depth	Bottom Folds	1 C1
C=Top Extension #1	Left Folds	1
D=Top Fold Angle #1	Right Folds	1
E=Top Extension #2	Attach	
F=Top Fold Angle #2	Attacher Side	Top
G=Bottom Extension #1	Attacher Extension	1
H=Bottom Fold Angle #1	Mirror Left/Top	Auto
I=Left Extension #1	Rotate Left/Top	Auto
J=Left Fold Angle #1	Mirror Right/Bottom	Auto Seams
K=Right Extension #1	Rotate Right/Bottom	Auto
L=Right Fold Angle #1	Notch Corners	No
M=Attach #1		
N=Attach #2		
O=Attach #3		
P=Top Inset		
Q=Bend Radius		



CID: 967

Flat Oval

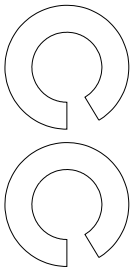
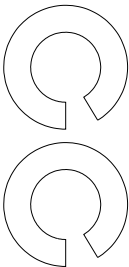
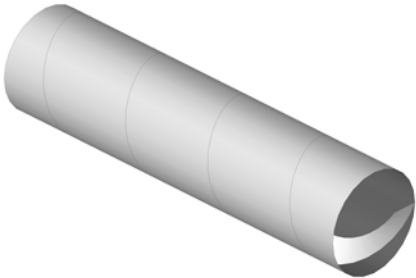


Dims	Options	
A=Left Width	Girth Split	2
B=Left Depth	Diameter Type BE	Nominal C1
C=Right Width	Diameter Type SE	Nominal C2
D=Right Depth	Same Seams On Each Part	No
E=Length	Seam Position	Major Axis
F=Offset-Width		
G=Offset-Depth		
H=Left Collar		
I=Right Collar		
J=Corner Radius		
		Seams
		S1

Damper:

CID: 968

Round



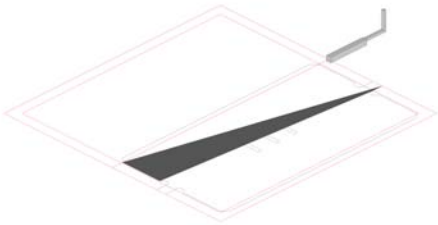
Dims	Options	
A=Diameter	Clockwise	Yes
B=Inner Diameter		C1
C=Y Pitch		C2
D=Height		C3

Seams
S1

Damper:

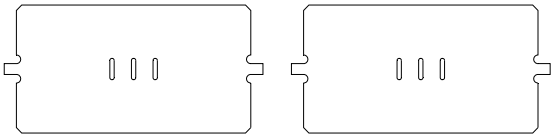
CID: 969

Standard



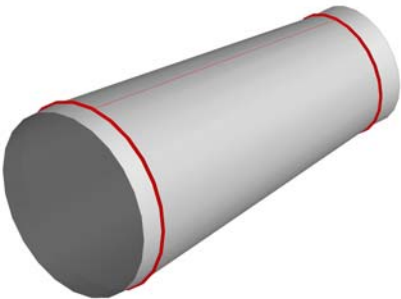
Dims		Options	
A=Width	Add Allowance To Body	Yes	Conn's
B=Depth			C1
C=Notch Diameter			
D=Insulation			
E=Duct Adjust			
F=Maximum Width			
G=Corner			
H=Center			
I=Slot Width			
J=Slot Length			
K=Slot Spacing			
		Seams	

Damper:



CID: 970

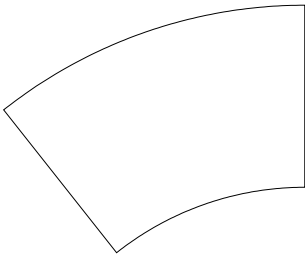
Round



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Diameter	Seam Position	0.000	C1
C=Pipe Length	Hole Adjust	0.000	C2
D=Left Extension	Diameter Type	Nominal	
E=Right Extension	Length Includes Extensions	No	
F=Offset-Width	Correct Branch Inset/Length Fo...	No	
G=Offset-Depth			

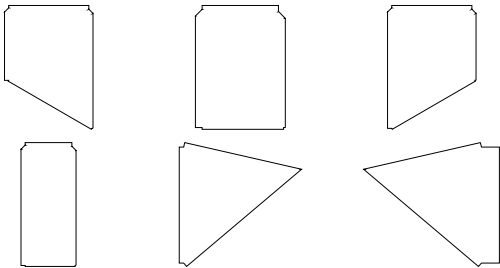
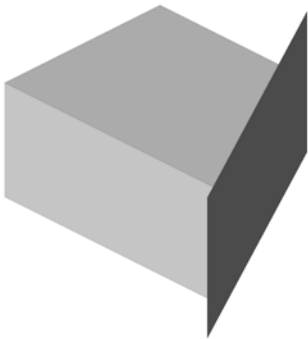
Seams
S1

Damper:



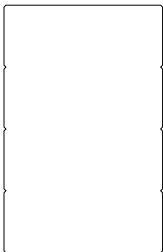
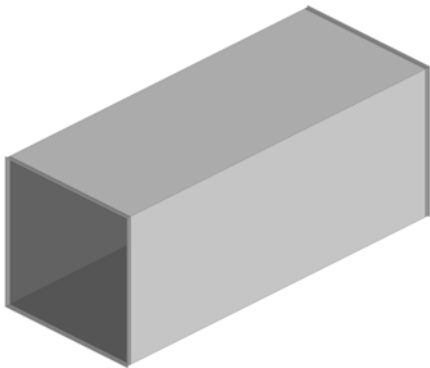
CID: 971

Rectangular



CID: 972

Rectangular/Standard

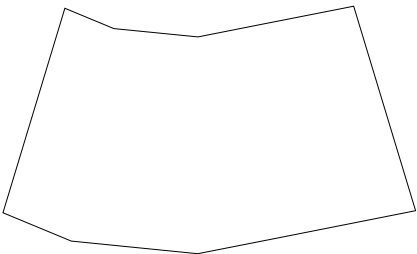
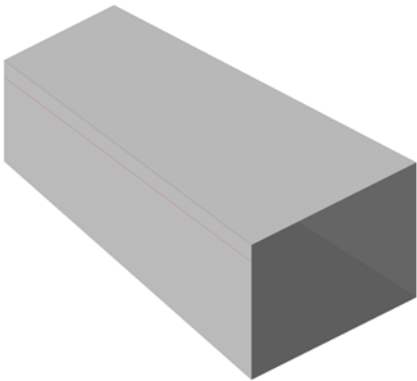


Dims	Options		
A=Width	Height	Up Slope	Conn's
B=Height	Notch	Vee Notch	
C=Depth	Input	Slope Angle	
D=Slope Angle			
E=Rise X On 12			
F=Up Slope Flange			
G=Down Slope Flange			
H=Left Flange			
I=Right Flange			
J=Cant Angle			Seams
K=Cant Height			S1
L=Cant Depth			S2
M=Top Flange Down			
N=Top Flange In			Damper:

Dims	Options		
A=Width	Straight Type	1 Part Straight	Conn's
B=Depth	Female Allow	Shortest Side	C1
C=Length	1xU,1xI	Shortest Side	C2
	Connector Fold Notch	Use Default	C3
	Vee Notch Depth	Auto	C4
	Vee Notch Angle	30.000	C5
	Connector Fold Notch	Use Default	C6
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Beading	No	Seams
	Vertical	No	S1
	Adjust	0.000	
	Right Offset	6.000	
	Left Offset	6.000	Damper:
	Insulation Parts	Same	
	Insulation UI	Shortest Side	

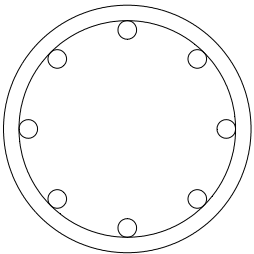
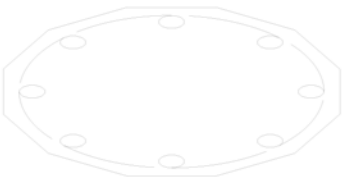
CID: 973

Rectangular



CID: 974

Standard



Dims		Options	
A=Width In	Type	Auto	Conn's
B=Depth In	Offset-Width	Left In	C1
C=Width Out	Offset-Depth	Bottom Up	C2
D=Depth Out	Vee Notch Depth	Auto	
E=Length	Vee Notch Angle	30.000	
F=Offset-Width	Input	Length	
G=Offset-Depth	Maximum Angle	180.000	
H=Angle	Splitters	Half	
I=Seam Inset	Splitter Turnover	0.000	
	Splitter Extension	0.000	Seams
	Splitter Adjust	0.000	S1
	Splitter Hole Diameter	0.000	
	Number Of Holes	0.000	
	Hole Inset	0.000	
	Fixing Holes on Turnover	No	Damper:
	Seam Cut Back	0.000	

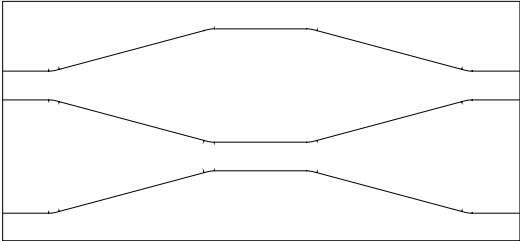
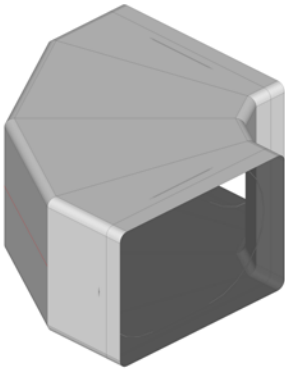
Dims		Options	
A=Outside Diameter (OD)	Parts	1	Conn's
B=Inside Diameter (ID)	Clip Holes	No	
C=Hole Diameter			
D=Number Of Holes			
E=Stitch Gap			

Seams
S1

Damper:

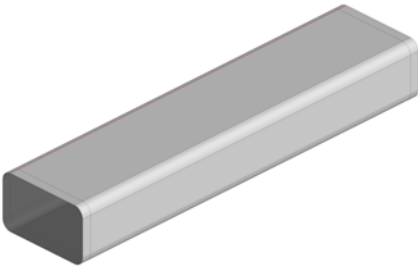
CID: 976

Flat Oval



CID: 977

Flat Oval



Dims		Options	
A=Width	Number Of Segments	4	Conn's
B=Depth	Diameter Type	Nominal	C1
C=Inner Radius	Seam Position	Throat	C2
D=Angle	Single Segments	No	C3
E=Bottom Extension	Nest Break Start Segment	0	
F=Top Extension	Nest Break End Segment	0	
G=Corner Radius	Girth Split	1	
	Notch Angle For Seam	0	
	Leg Lengths	No	
	Length Includes Extensions	No	Seams
	Splitters	0	S1
	Splitter Radius	Auto	S2
	Splitter Adjust	0.000	
	Splitter Shape	Angled	
	Splitter Type	Partial	Damper:

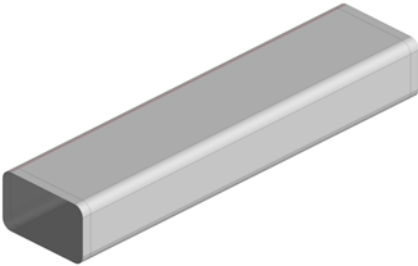
Dims		Options	
A=Width	Pipe Parts	1	Conn's
B=Depth	Seam Position	Corner	C1
C=Length	Diameter Type	Nominal	C2
D=Left Extension	Duct Length	(inch)	
E=Right Extension			
F=Corner Radius			

Seams
S1

Damper:

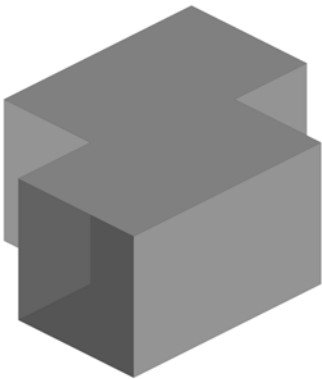
CID: 978

Flat Oval



CID: 979

Electrical



Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Seam Position	Corner
C=Length	Diameter Type	Nominal
D=Left Extension	Duct Length	(inch)
E=Right Extension		
F=Corner Radius		

Seams
S1

Damper:

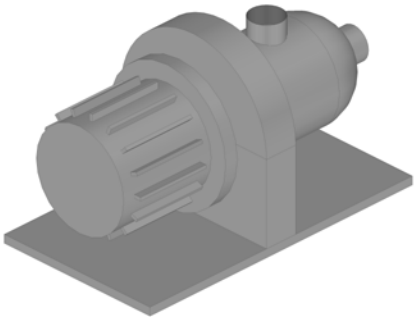
Dims	Options	
A=Width	Type	Left
B=Depth	Pattern	None
C=Left Extension	Insulation Parts	Same
D=Right Extension	Inlet	1
E=Offset-Width	Outlet	2
F=Wire Y Spacing		
G=Wire X Spacing		

Seams

Damper:

CID: 980

Pipework

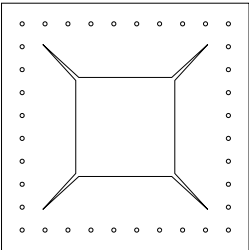


Dims	Options	
A=Body Diameter #1	Body Horizontal	Yes Conn's
B=Body Diameter #2	End Mitred	No C1
C=Body Length	Front Pipe	Yes C2
D=End Length	Center Support	Circle C3
E=Pipe Diameter #1	Square Motor	No
F=Pipe Length #1	Pipe 1 Flange	No
G=Pipe Inset #1	Pipe 2 Flange	No
H=Pipe Diameter #2	Motor Flange	Yes
I=Pipe Length #2	Number Of Fins	16.000
J=Shaft Diameter	Fins Shape	Square Seams
K=Shaft Length	Flat Base	No
L=Support Diameter	Electric Box	No
M=Support Length	Fins Flat	No
N=Support Extension		
O=Motor Diameter		
P=Motor Length		
Q=Motor Flange Diameter		
R=Motor Flange Length		
S=Fin Height		
T=Base Width		
U=Base Height		
V=Base Depth		

Damper:

CID: 981

Rectangular



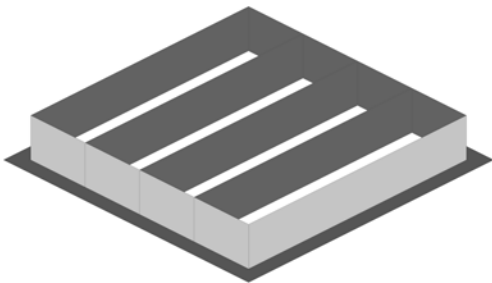
Dims	Options	
A=Width #1	Vee Notch Angle	5.000 Conn's
B=Depth #1	Specify Holes	By Number Of C1
C=Width #2	Holes Across	10 C2
D=Depth #2	Holes Down	10
E=Flange Length	Holes Positioning	On Center
F=Flange Angle		
G=Hole Diameter		
H=Holes Inset		
I=Holes Offset		

Seams

Damper:

CID: 983

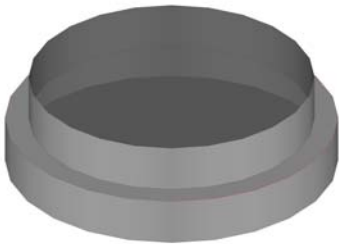
Rectangular



Dims	Options	
A=Width	Type	Supply
B=Depth	Position From	Edge C1
C=Height	Lines	3 C2
D=Plate Border (Width)	Rotation	0.000
E=Plate Border (Depth)	Arrows/Lines	None
	Arrows/Lines Sides	0
	Lines/Circles Spacing	1.000
	Arrows Direction	Auto
	Circles	No
	Arrows Type	1
	Shape	Rectangular
	Diffuser Type	None
	Number of Blades	20
	Blade Shape	Curved
	Grid Lines	20
	Connector 4	Left
	Connector 5	Left
	Connector 6	Left
	Connector 7	Left
	Sides Angled	No
	Connector 8	None

CID: 984

Electrical



Dims	Options	
A=Diameter	Sex Type	Male
B=Collar		C1
C=Length		C2
D=Offset		
E=Oval Depth		

Seams

S1

Damper:

CID: 985

Standard/Structure



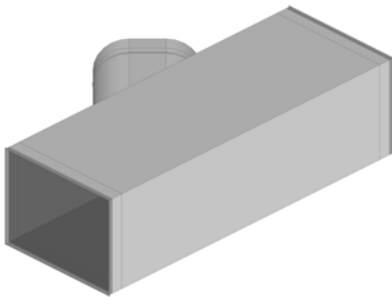
Dims	Options	
A=Total Length	Strut Shape	Rectangular
B=Beam Length #1	Number Of V-Sections	2 C1
C=Beam Length #2	Up Struts	No C2
D=Beam Width	Down Struts	No C3
E=Upper Inset	Joint Position	Center C4
F=Lower Inset	Strut Information	Yes
G=Beam Height	Input	Beam Lengths
H=Strut Height		
I=Strut Width		
J=Strut Depth		
K=Strut Space		
L=Joint Width		
M=Joint Height		
N=Joint Depth		
O=Joint Corner		

Seams

Damper:

CID: 986

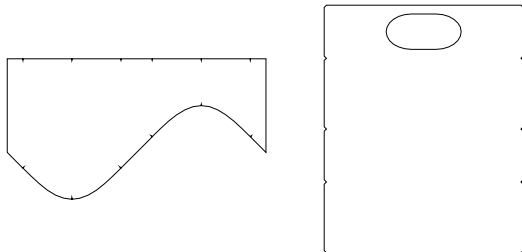
Rectangular



Dims	Options	
A=Width	Pipe Parts	Yes
B=Depth	Branch Parts	Yes C1
C=Length	Branch Diameter Type	Nominal C2
D=Left Extension	Straight Type	1 Part Straight C3
E=Right Extension	Female Allow	Shortest Side
F=Branch Width	1xU,1xI	Shortest Side
G=Branch Height	Connector Fold Notch	Use Default
H=Tap Length	Vee Notch Depth	Auto
I=Angle	Vee Notch Angle	30.000
J=Inset	Connector Fold Notch	Use Default
K=Offset	Vee Notch Depth	Auto S1
L=Extension	Vee Notch Angle	30.000 S2
	Beading	No
	Branch Rotation	0
	Branch Rotation	90
	Branch Allowance To Pipe	0.000

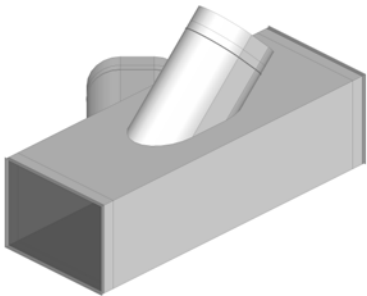
Seams

Damper:

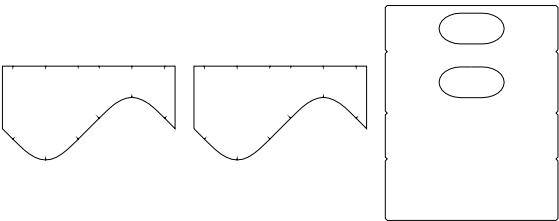


CID: 987

Rectangular



Dims	Options		
A=Width	Pipe Parts	Yes	Conn's
B=Depth	Branch Parts	Yes	C1
C=Length	Branch Diameter Type	Nominal	C2
D=Left Extension	Straight Type	1 Part Straight	C3
E=Right Extension	Female Allow	Shortest Side	C4
F=Branch Width	1xU,1xI	Shortest Side	
G=Branch Height	Connector Fold Notch	Use Default	
H=Tap Length	Vee Notch Depth	Auto	
I=Angle	Vee Notch Angle	30.000	
J=Inset	Connector Fold Notch	Use Default	Seams
K=Offset	Vee Notch Depth	Auto	S1
L=Extension	Vee Notch Angle	30.000	S2
M=Branch Width	Beading	No	S3
N=Branch Depth	Branch Rotation	0	Damper:
O=Tap Length	Branch Rotation	90	None
P=Angle	Branch Allowance To Pipe	0.000	None
Q=Inset			
R=Offset			
S=Extension			

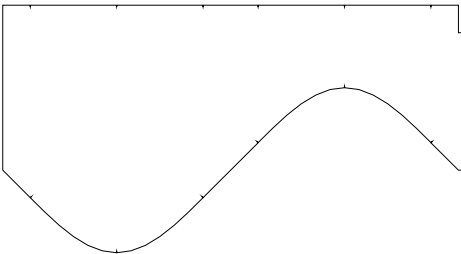


CID: 988

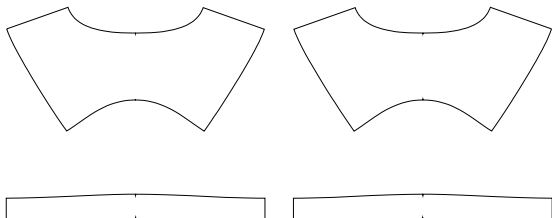
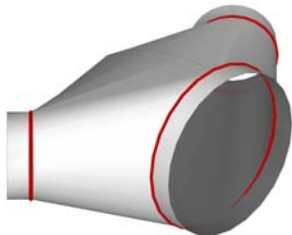
Flat Oval



Dims	Options		
A=Branch Width	Pipe Parts	Yes	Conn's
B=Branch Height	Branch Parts	Yes	C1
C=Tap Length	Branch Diameter Type	Nominal	C2
D=Angle	Straight Type	1 Part Straight	
E=Extension	Female Allow	Shortest Side	
	1xU,1xI	Shortest Side	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	Seams
	Vee Notch Depth	Auto	S1
	Vee Notch Angle	30.000	
	Beading	No	
	Branch Rotation	0	Damper:
	Branch Rotation	90	None
	Branch Allowance To Pipe	0.000	



Round



Dims		Options		
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's	
B=Left Diameter	Left Diameter Type	Nominal		C1
C=Right Diameter	Right Diameter Type	Nominal		C2
D=Left Angle	Seam Position	Top		C3
E=Right Ang	Marker Type	Notch		C4
F=Left Height				
G=Right Height				
H=Left Offset				
I=Right Offset				
J=Height				
K=Bottom Collar			Seams	
L=Left Collar				S1
M=Right Collar				
			Damper:	

Standard/Equipment

Dims	Options	
A=Length	Length	Central
B=Front Angle	Width Scale	1.000 C1
C=Back Angle	Height Scale	1.000 C2
D=Width	Back Angle Axis	Horizontal
E=Height	Front Angle Axis	Horizontal
F=Node X Offset	Edges Angle	30
G=Node Y Offset	Mirror Shape	No
H=Number Of Points	Reverse External Faces	No
	Reverse Internal Faces	No
	Open Front	No
	Open Back	No
	Cut Type	Equipment
	Reverse Front Faces	No
	Reverse Back Faces	No
	Rotate	Yes
	Develop	Both Cheeks
	Vee Depth Male	Auto
	Vee Angle Male	0
	Develop Ends	Seam 1
	Centralise Islands	Yes
	CAD Nodes	Straight
	Notches In Arcs	No
	Open Islands	Leave Open
	Wrap Parts	1
	Seam Position	0
	Seam Position	0
	Seam Position	0
	Seam Position	0
	Vee Depth Female	Auto
	Vee Angle Female	0

CID: 995

Round/Flat Oval



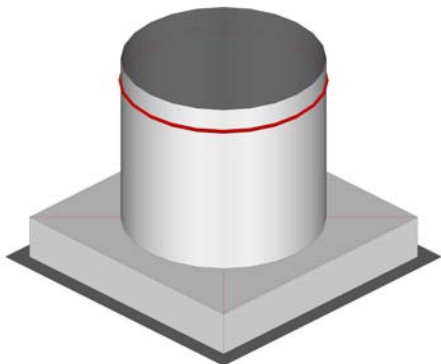
Dims	Options		
A=Diameter	Sex Type	Male	Conn's
B=Collar			C1
C=Length			C2
D=Offset			
E=Oval Depth			

Seams
S1

Damper:

CID: 996

Rectangular/Round



Dims	Options		
A=Width	Type	Supply	Conn's
B=Depth	Position From	Edge	C1
C=Height	Type	Round	C2
D=Diameter	Rotation	0.000	C3
E=Collar	Collar	No	C4
F=Plate Border (Width)	Arrows/Lines	None	C5
G=Plate Border (Depth)	Arrows/Lines Sides	0	C6
	Lines/Circles Spacing	1.000	C7
	Arrows Direction	Auto	C8
	Circles	No	Seams
	Arrows Type	1	
	Shape	Rectangular	
	Diffuser Type	None	
	Number of Blades	20	
	Blade Shape	Curved	Damper:
	Grid Lines	20	
	Connector 4	Left	
	Connector 5	Left	
	Connector 6	Left	
	Connector 7	Left	
	Sides Angled	No	
	Connector 8	None	
	Cost Supports	No	

CID: 999

Free Entry

Dims	Options	
	Length	0.000
	Angle	0.000
		Conn's

Seams

Damper:

CID: 1000

Round

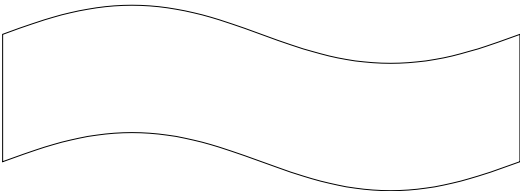
Dims	Options	
A=Diameter		Conn's
B=Inner Diameter		C1
C=Y Pitch		C2
D=Number Of Segments		
E=Quantity		

Seams

Damper:

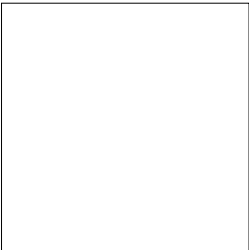
CID: 1049

Round



CID: 1101

Rectangular/Round/Flat Oval/Standard



Dims	Options	
A=Diameter	Girth Split	1
B=Length	Seam Position	0.000
C=Angle	Vertical	No
D=Body Diameter	Pipework	No
	Adjust	0.000
	Include	Yes
	Develop X Size For Diameter	No

Seams
S1

Damper:

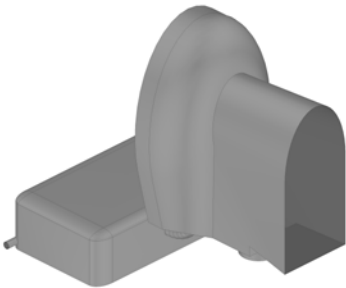
Dims	Options	
	Inlet	1
	Outlet	1
	Pipework	No
	Show Boundries	No
	Faces	No

Seams

Damper:

CID: 1102

Pipework



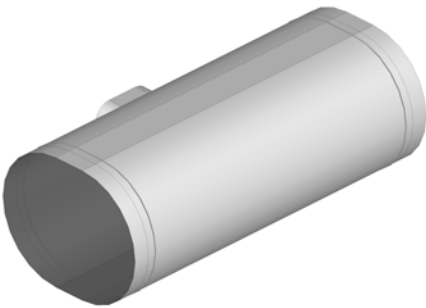
Dims	Options	
A=Base Depth #1	Input Side	Left
B=Base Depth #2	Box Type	Rounded C1
C=Front Width #1	Insertion Point	Box Back Center C2
D=Front Width #2	Output	Back
E=Front Width #3	Inlet	2
F=Front Depth #1	Outlet	2
G=Front Height #1		
H=Front Height #2		
I=Front Height #3		
J=Back Width #1		
K=Back Width #2		
L=Back Width #3		
M=Back Height		
N=Back Space		
O=Front Angle		
P=Back Angle		
Q=Pipe Radius		
R=Pipe Diameter		
S=Pipe Height		
T=Box Width		
U=Box Height		
V=Box Depth		
W=Input Diameter		
X=Input Length		
Y=Input Inset		
Z=Input Offset		
a=Output Diameter		
b=Output Length		
c=Output Height		

Seams

Damper:

CID: 1104

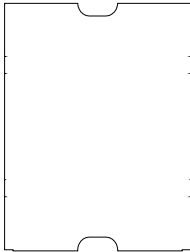
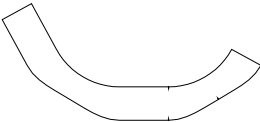
Flat Oval



Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Pipe Seam Position	Depth C1
C=Pipe Length	Pipe Diameter Type	Nominal C2
D=Left Extension	Hole Adjust	0.000 C3
E=Right Extension	Branch Allowance To Pipe	0.000 C4
F=Branch Width #1	Plate Border	0.000 C5
G=Branch Depth #1	Plate Type	Rectangular C6
H=Tap Length #1	Branch Only	No
I=Inset #1	Branch Seam Position	Corner
J=Offset #1	Number Of Branches	1
K=Rotation #1	Branch Diameter Type	Nominal S1 S4
L=Angle #1	Branch Parts	1 S2 S5
M=Collar #1	Branch Diameter Type	Nominal S3
	Branch Parts	1
	Branch Diameter Type	Nominal
	Branch Parts	1
	Branch Diameter Type	Nominal
	Branch Parts	1
	Splitters	0
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Left Reducer Seam Position	Corner
	Left Reducer Parts	1
	Right Reducer Seam Position	Corner
	Right Reducer Parts	1
	Inlet	1
	Outlet	2

Seams

Damper:



CID: 1105

Rectangular/Standard

Dims	Options	
Show Elements		All
		Conn's

Seams

Damper:

CID: 1106

Pipework



Dims	Options	
A=Plynth Width #1	Detail	Low
B=Plynth Depth #1	Insertion Point	Bowl Back Center C1
C=Plynth Width #2	Hot Side	Bottom C2
D=Plynth Depth #2	Cold Side	Bottom C3
E=Plynth Height	Output Side	Bottom
F=Bowl Width	Number Of Taps	2
G=Bowl Height	Plynth	Yes
H=Bowl Depth	Soap	No
I=Hot Diameter #1		
J=Hot Length #1		
K=Hot Offset #1		
L=Hot Inset #1		
M=Cold Diameter #2		
N=Cold Length #2		
O=Cold Offset #2		
P=Cold Inset #2		
Q=Output Diameter #3		
R=Output Length #3		
S=Output Offset #3		
T=Output Inset #3		
U=Tap Diameter		
V=Tap Height		
W=Tap Length		

Seams

Damper:

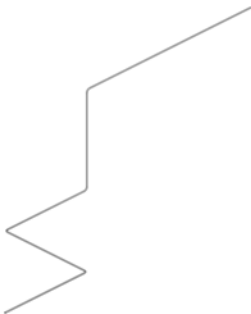
CID: 1107

Structure



CID: 1108

Round

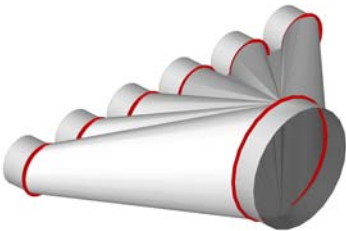


Dims	Options	
A=Width	Orientation	Vertical
B=Left Height	Grip Point	Outer Wall
C=Right Height	Grip Point	Lower Center
D=Length	Door	Yes
E=Left Angle	Frame	Yes
F=Right Ang	Windows / Panels	1
	Handle Side	Left
	Handle Lock	Yes
	Ajar	No
	Cut In Wall	Outer
	Cut In Height	Center
	Connectors	Cavity Center
	Origin	Center
		Damper:

Dims	Options	
A=Diameter	Bend Radius	4.000
B=Length	Factor Type	Multiples Of Diameter
C=Lead Length	Max Length	0.000
D=Straight 1 Start->Straight ...	Number Of Round Sections	12
E=Straight 1 Start->Bend 1 C...	Length	Auto
F=Bend 1 X Angle	Length Adjust	0.000
G=Bend 1 Y Angle	Number Of Segments	Auto
H=Straight 2 Start->Straight ...	Straight Annotation	Up
I=Bend 1 Center->Bend 2 Ce...	Bend Annotation	Front
J=Bend 2 X Angle	Allowance	Default
K=Bend 2 Y Angle		
L=Straight 3 Start->Straight 3...		
M=Bend 2 Center->Bend 3 C...		
N=Bend 3 X Angle		
O=Bend 3 Y Angle		
P=Straight 4 Start->Straight 4...		
Q=Bend 3 Center->Bend 4 C...		
R=Bend 4 X Angle		
S=Bend 4 Y Angle		
T=Straight 5 Start->Straight 5...		
U=Bend 4 Center->Straight 5...		
		Damper:

CID: 1109

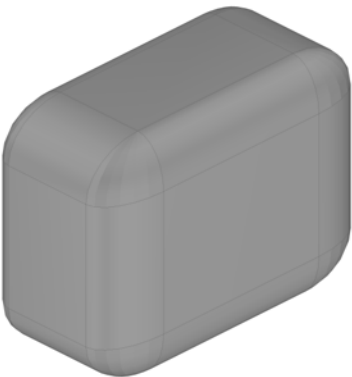
Round



Dims		Options	
A=Bottom Diameter		Add Collars To Body	No
B=Left Diameter		Flat Left	No
C=Right Diameter		Notch Angle For Seam	0.000
D=Top Diameter #1		Slope Angle	0.000
E=Top Diameter #2		Number Of Branches	6
F=Top Diameter #3			C5
G=Top Diameter #4			C6
H=Height			C7
I=Spacing			
J=Left Angle #1			
K=Right Ang #6			
L=Bottom Collar			
M=Left Collar			
N=Right Collar			
O=Top Collar #1			
P=Top Collar #2			
Q=Top Collar #3			
R=Top Collar #4			

CID: 1110

Pipework



Dims		Options	
A=Width #1		Corners	Rounded
B=Depth #1		Top Edges	Radius
C=Length #1		Top Corner Inset	Auto
D=Left Radius #1		Top Corner Offset	Auto
E=Right Radius #1		Bottom Corners	Rounded
F=Top Radius #1		Bottom Edges	Radius
G=Bottom Radius #1		Bottom Corner Inset	Auto
H=Front Radius #1		Bottom Corner Offset	Auto
I=Back Radius #1		Inlet	1
J=X Rotation #1		Outlet	1
K=Y Rotation #1		Type	Pipework
L=Z Rotation #1		Circular Diameter Type	Outside
		Box ID	0
		Parent ID	0
		Select Side	Top
		Type	0.000
		Round Lines	Yes
		Open Left	No
		Open Right	No
		Open Top	No
		Open Bottom	No
		Open Front	No
		Open Back	No

CID: 1111

Pipework



Dims		Options	
A=Pipe Diameter		Bolts	Yes
B=Thickness		Width	20.000
C=Top Diameter #1		Depth	2.000
D=Top Length #1		Depth	10.000
E=Length #1		Diameter Type	Outside
F=Length #2		Fix Relative	No
		Rotate	No
		Cross	No
		Handle	No
			Conn's
			C1
			C2
			C3
			C4
			C5
			Seams

Damper:

CID: 1112

Round



Dims		Options	
A=Diameter		Sex Type	Male
B=Collar			Conn's
C=Length			C1
D=Offset			C2
			Seams
			S1

Damper:

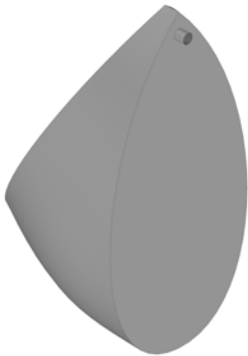
CID: 1113

Flat Oval



CID: 1114

Pipework



Dims	Options	
A=Diameter	Sex Type	Male
B=Collar		Conn's
C=Length		C1
D=Offset		C2
E=Oval Depth		

Seams
S1

Damper:

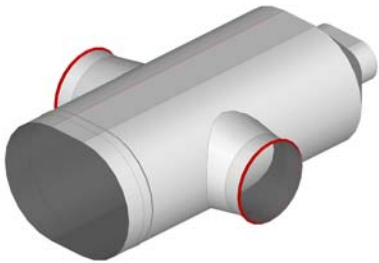
Dims	Options	
A=Width	Detail	High
B=Height	Insertion Point	Center C1
C=Depth	Input	Back C2
D=Input Diameter #1	Output	Bottom
E=Input Length #1		
F=Input Offset #1		
G=Output Diameter #2		
H=Output Length #2		
I=Output Offset #2		

Seams

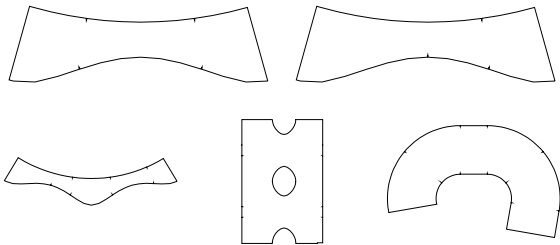
Damper:

CID: 1115

Flat Oval

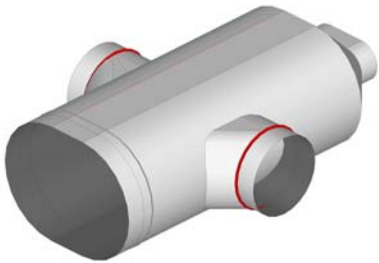


Dims	Options		
A=Major Axis	Pipe Parts	1	Conn's
B=Minor Axis	Pipe Seam Position	0.000	C1
C=Pipe Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Hole Adjust	0.000	C3
E=Right Extension	Branch Allowance To Pipe	0.000	C4
F=Branch Width #1	Branch Diameter Type	Nominal	C5
G=Branch Depth #1	Branch Parts	2	
H=Tap Length #1	Branch Diameter Type	Nominal	
I=Btm Width #1	Branch Parts	1	
J=Slope Angle #1	Plate Border	0.000	Seams
K=Inset #1	Plate Type	Rectangular	S1
L=Offset #1	Branch Seam Position	0.000	S2
M=Rotation #1	Branch Only	No	S3
N=Collar #1	Input	Angle	Damper:
O=Tilt Angle #1	Reducer Seam Position	Corner	
P=Branch Width #2	Reducer Parts	1	
Q=Branch Depth #2			
R=Tap Length #2			
S=Btm Width #2			
T=Slope Angle #2			
U=Inset #2			
V=Offset #2			
W=Rotation #2			
X=Collar #2			
Y=Tilt Angle #2			
Z=Reducer Width			
a=Reducer Depth			
b=Reducer Length			

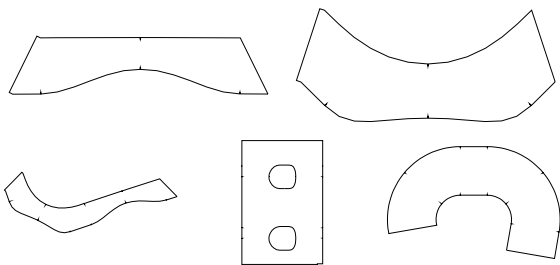


CID: 1116

Flat Oval

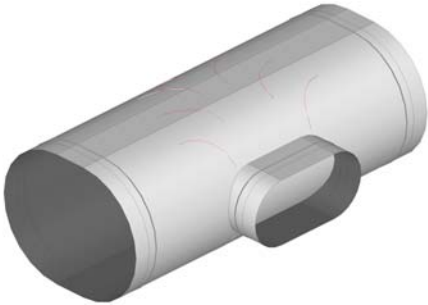


Dims	Options		
A=Major Axis	Pipe Parts	1	Conn's
B=Minor Axis	Pipe Seam Position	0.000	C1
C=Pipe Length	Pipe Diameter Type	Nominal	C2
D=Left Extension	Hole Adjust	0.000	C3
E=Right Extension	Branch Allowance To Pipe	0.000	C4
F=Major Axis #1	Branch Diameter Type	Nominal	C5
G=Minor Axis #1	Branch Parts	2	
H=Tap Length #1	Branch Diameter Type	Nominal	
I=Angle #1	Branch Parts	1	
J=Inset #1	Plate Border	0.000	Seams
K=Offset #1	Plate Type	Rectangular	S1
L=Rotation #1	Branch Seam Position	0.000	S2
M=Collar #1	Branch Only	No	S3
N=Major Axis #2	Reducer Seam Position	Corner	Damper:
O=Minor Axis #2	Reducer Parts	1	
P=Tap Length #2			
Q=Angle #2			
R=Inset #2			
S=Offset #2			
T=Rotation #2			
U=Collar #2			
V=Reducer Width			
W=Reducer Depth			
X=Reducer Length			

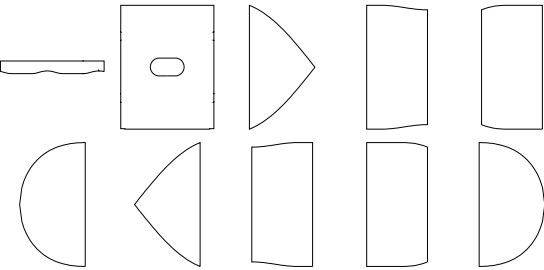


CID: 1117

Flat Oval

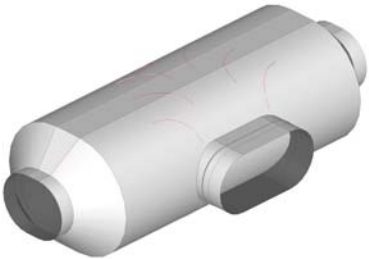


Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Pipe Seam Position	Depth
C=Pipe Length	Pipe Diameter Type	Nominal
D=Left Extension	Hole Adjust	0.000
E=Right Extension	Branch Allowance To Pipe	0.000
F=Branch Width	Plate Border	0.000
G=Branch Depth	Plate Type	Rectangular
H=Tap Length	Branch Only	No
I=Inset	Branch Seam Position	Corner
J=Offset	Number Of Branches	1
K=Collar	Branch Diameter Type	Nominal
	Branch Parts	1
	Branch Diameter Type	Nominal
	Branch Parts	1
	Branch Diameter Type	Nominal
	Branch Parts	1
	Branch Diameter Type	Nominal
	Branch Parts	1
	Splitters	4
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Left Reducer Seam Position	Corner
	Left Reducer Parts	1
	Right Reducer Seam Position	Corner
	Right Reducer Parts	1
	Inlet	1
	Outlet	2

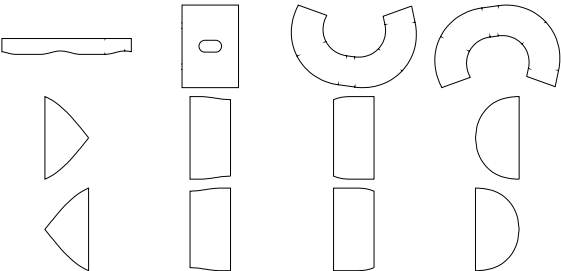


CID: 1118

Flat Oval

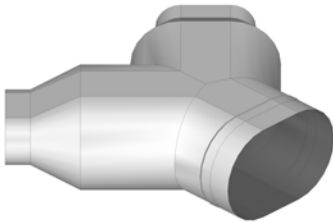


Dims	Options	
A=Width	Pipe Parts	1
B=Depth	Pipe Seam Position	Depth
C=Pipe Length	Pipe Diameter Type	Nominal
D=Left Extension	Hole Adjust	0.000
E=Right Extension	Branch Allowance To Pipe	0.000
F=Branch Width	Plate Border	0.000
G=Branch Depth	Plate Type	Rectangular
H=Tap Length	Branch Only	No
I=Inset	Branch Seam Position	Corner
J=Offset	Number Of Branches	1
K=Collar	Branch Diameter Type	Nominal
L=Left Reducer Width	Branch Parts	1
M=Left Reducer Depth	Branch Diameter Type	Nominal
N=Left Reducer Length	Branch Parts	1
O=Right Reducer Width	Branch Diameter Type	Nominal
P=Right Reducer Depth	Branch Parts	1
Q=Right Reducer Length	Branch Diameter Type	Nominal
	Branch Parts	1
	Splitters	4
	Splitter Radius	Auto
	Splitter Adjust	0.000
	Left Reducer Seam Position	Corner
	Left Reducer Parts	1
	Right Reducer Seam Position	Corner
	Right Reducer Parts	1
	Inlet	1
	Outlet	2

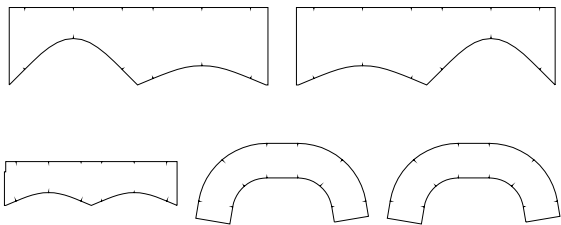


CID: 1119

Flat Oval

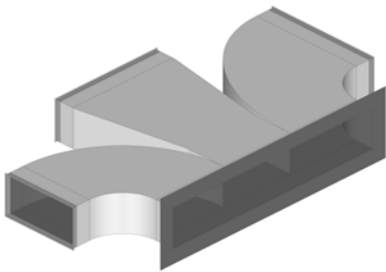


Dims	Options	
A=Width	Diameter Type	Nominal
B=Depth	Splitters	0 C1
C=Length In	Splitter Radius	Auto C2
D=Length Out	Splitter Adjust	0.000 C3
E=Angle		C4
F=Bottom Extension		C5
G=Left Extension		C6
H=Right Extension		
I=Left Reducer Major Axis		
J=Left Reducer Minor Axis		
K=Left Reducer Length		
L=Right Reducer Major Axis		
M=Right Reducer Minor Axis		
N=Right Reducer Length		
		Seams
		S1
		Damper:

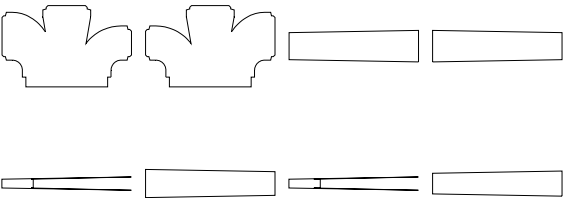


CID: 1120

Rectangular/Ductboard

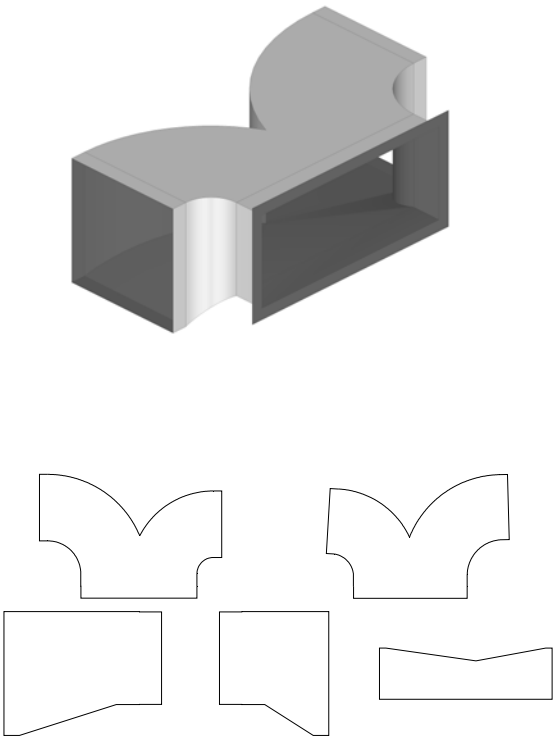


Dims	Options	
A=Btm Width	Type	3-Way
B=Depth	Same Widths	No C1
C=Left Bottom Width	Left Throat	Radius C2
D=Right Bottom Width	Right Throat	Radius C3
E=Left Width		C4
F=Top Width		
G=Right Width		
H=Top Length #1		
I=Top Length #2		
J=Bottom Extension		
K=Left Extension		
L=Top Extension		
M=Right Extension		
N=Left Radius		
O=Top Radius		
P=Right Radius		
		Seams
		S1
		Damper:



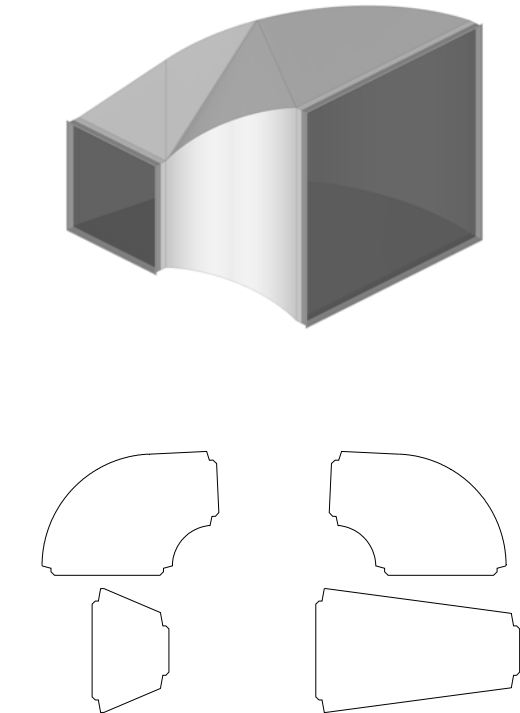
CID: 1121

Rectangular/Ductboard



CID: 1122

Rectangular/Ductboard

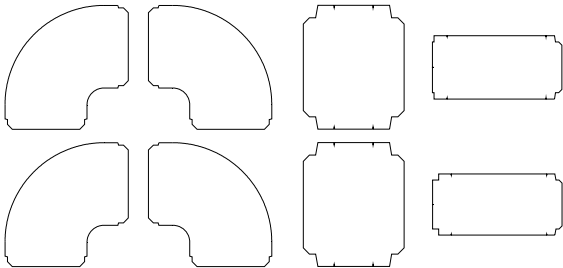
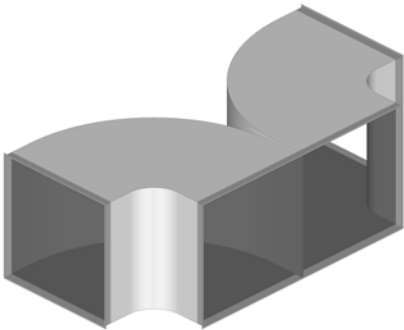


Dims	Options	
A=Btm Width	Right Throat Type	Radius Conn's
B=Btm Depth	Left Throat Type	Radius C1
C=Right Width	Vee Depth Male	Auto C2
D=Right Depth	Vee Depth Female	Auto C3
E=Left Width	Vee Angle Male	30
F=Left Depth	Vee Angle Female	30
G=Right Offset	Junction Notch	Use Vee Notch
H=Left Offset	Vee Notch Angle	20.000
I=Height	2 Part Wrapper	No
J=Right Radius	Right Folds	End Point Seams
K=Left Radius	Left Folds	End Point S1
L=Right Ang	Inlet	1 S2
M=Left Angle	Outlet	2
N=Btm Right Extension	Separate Mid Cheeks	No Damper:
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		

Dims	Options	
A=Btm Width	Throat Type	Radius Conn's
B=Btm Depth	Vee Depth Male	Auto C1
C=Top Width	Vee Depth Female	Auto C2
D=Top Depth	Vee Angle Male	30
E=Angle	Vee Angle Female	30
F=Top Extension	Offset	Top Down
G=Bottom Extension	Bending	Left
H=Inner Radius	Allow Central Tie Rods	Yes
I=Offset	Straight Edge Wrappers	No
	Splitters	0 Seams
	Splitter Slit Angle	10.000 S1
	Intersect Splitter Holes	No
		Damper:

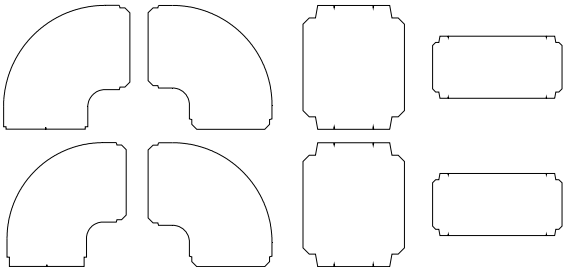
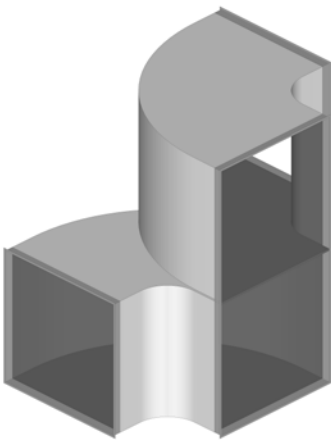
CID: 1124

Rectangular



CID: 1125

Rectangular

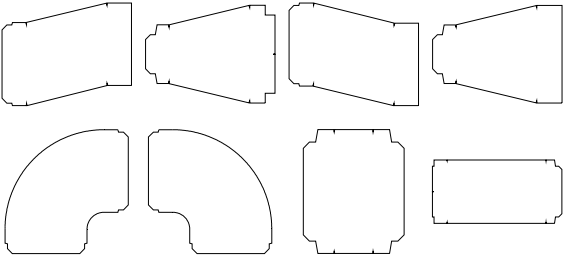
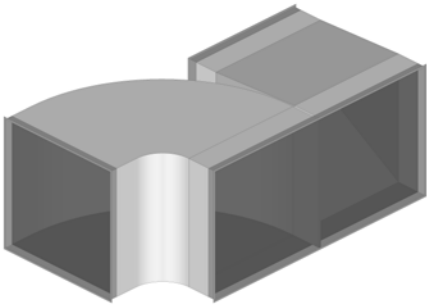


Dims	Options	
A=Btm Width	Same Widths	Yes Conn's
B=Btm Depth	Left Rotation	Left C1
C=Left Top Width	Right Rotation	Right C2
D=Right Top Width	Left Throat Type	Radius C3
E=Btm Left Extension	Right Throat Type	Radius
F=Btm Right Extension	Inner Wrap Length Adjust	0.000
G=Left Extension	Outer Wrap Length Adjust	0.000
H=Left Inner Radius	Vee Depth Male	Auto
I=Left Angle	Vee Depth Female	Auto
J=Right Extension	Vee Angle Male	30 Seams
K=Right Inner Radius	Vee Angle Female	30 S1
L=Right Ang	Join Vee Angle Male	0 S2
M=Gap Width	Join Vee Angle Female	0
	Auto Oversize	Normal
	Seam Number For Throat	Damper:
	Folding Lines	No
	Rotate	Yes

Dims	Options	
A=Btm Width	Same Depths	Yes Conn's
B=Btm Depth	Back Rotation	Left C1
C=Back Top Width	Front Rotation	Right C2
D=Front Top Width	Back Throat Type	Radius C3
E=Btm Back Extension	Front Throat Type	Radius
F=Btm Front Extension	Inner Wrap Length Adjust	0.000
G=Back Extension	Outer Wrap Length Adjust	0.000
H=Back Inner Radius	Vee Depth Male	Auto
I=Back Angle	Vee Depth Female	Auto
J=Front Extension	Vee Angle Male	30 Seams
K=Front Inner Radius	Vee Angle Female	30 S1
L=Front Angle	Join Vee Angle Male	0 S2
M=Gap Depth	Join Vee Angle Female	0
	Auto Oversize	Normal
	Seam Number For Throat	Damper:
	Folding Lines	No
	Rotate	Yes

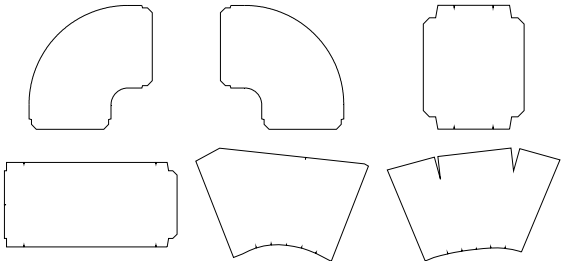
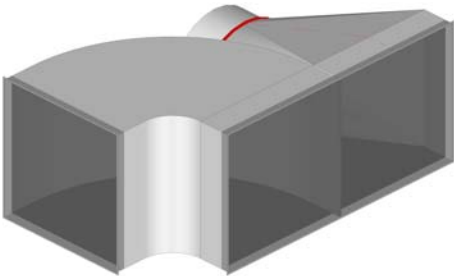
CID: 1126

Rectangular



CID: 1127

Rectangular

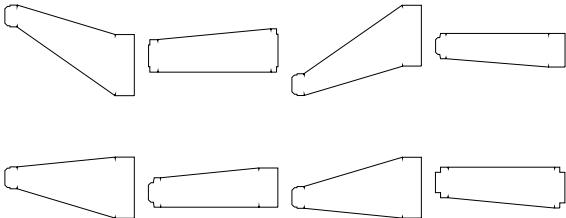
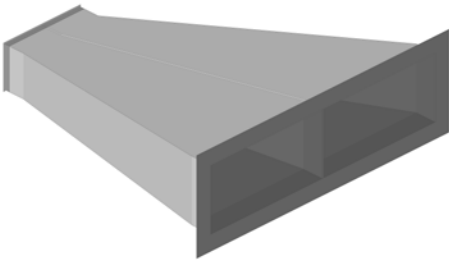


Dims		Options	
A=Btm Width	Same Widths	Yes	Conn's
B=Depth	= Bend Options =	= Bend Options =	C1
C=Bend Top Width	Bend Rotation	Left	C2
D=Taper Width Out	Throat Type	Radius	C3
E=Taper Depth Out	Inner Wrap Length Adjust	0.000	
F=Bottom Extension	Outer Wrap Length Adjust	0.000	
G=Bend Extension	Vee Depth Male	Auto	
H=Bend Inner Radius	Vee Depth Female	Auto	
I=Bend Angle	Vee Angle Male	30	
J=Taper Extension Out	Vee Angle Female	30	Seams
K=Taper Length	Join Vee Angle Male	0	S1
L=Taper Angle	Join Vee Angle Female	0	S2
M=Taper Offset Width	Auto Oversize	Normal	S3
N=Taper Offset Depth	Seam Number For Throat		Damper:
O=Gap Width	Folding Lines	No	
	= Taper Options =	= Taper Options =	
	Input	Length	
	2 Parts	No	
	3 Parts	No	
	Vee Depth Male	Auto	
	Vee Depth Female	Auto	
	Vee Notch Angle	20	
	Female Allow	Shortest Slope	
	2-Sided Part Allowance	Auto	
	Offset-Width	Left In	
	Offset-Depth	Bottom Up	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Connector Fold Notch	Use Default	
	Vee Notch Depth	Auto	
	Vee Notch Angle	30.000	
	Vee Notch Depth If Straight Edg...	Auto	
	Taper Notch If Straight Edge (M...	No	
	Taper Notch If Straight Edge (F...	No	
	Use Taper Notch For 2 Parts	Yes	
	Seam Cut Back	0.000	

Dims		Options	
A=Btm Width	Same Widths	Yes	Conn's
B=Depth	= Bend Options =	= Bend Options =	C1
C=Bend Top Width	Bend Rotation	Left	C2
D=Square-To-Round Diameter	Throat Type	Radius	C3
E=Bottom Extension	Inner Wrap Length Adjust	0.000	
F=Bend Extension	Outer Wrap Length Adjust	0.000	
G=Bend Inner Radius	Vee Depth Male	Auto	
H=Bend Angle	Vee Depth Female	Auto	
I=Square-To-Round Collar	Vee Angle Male	30	
J=Square-To-Round Length	Vee Angle Female	30	Seams
K=Square-To-Round Slope A...	Join Vee Angle Male	0	S1
L=Square-To-Round Offset W...	Join Vee Angle Female	0	S2
M=Square-To-Round Offset ...	Auto Oversize	Normal	S3
N=Gap Width	Seam Number For Throat		Damper:
	Folding Lines	No	None
	= Square To Round Options =	= Square To Round Option...	
	Girth Split	2	
	Length Break	1	
	Diameter Type	Nominal	
	Seam Position	Width	
	Marker Type	Notch	
	Estimated Diameter %age	Not Used	
	Input	Length	
	Offset-Width	Left In	
	Offset-Depth	Bottom Up	
	Inlet	1	
	Outlet	3	
	Fold Notch Depth	Full Allowance	
	Use Join Seam	Yes	

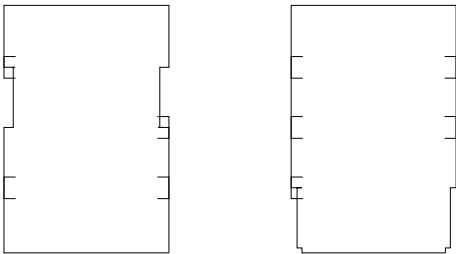
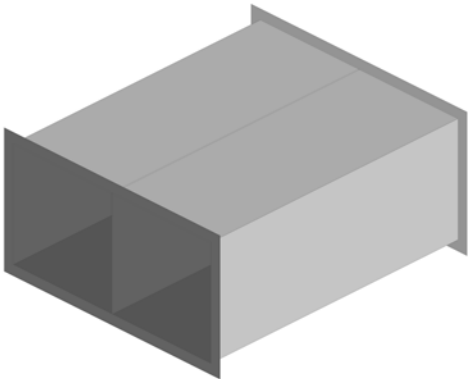
CID: 1128

Rectangular



CID: 1129

Rectangular

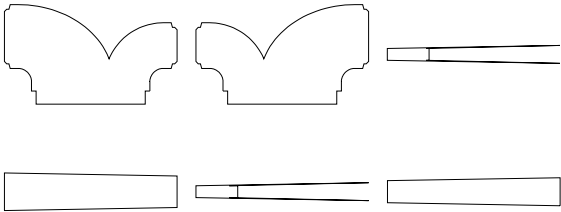
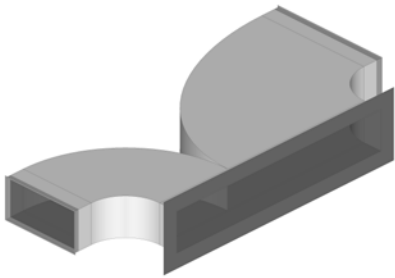


Dims	Options	
A=Btm Width	Same Widths	Yes
B=Btm Depth	Vertical Center	No
C=Top Width	Input	Length
D=Top Depth	2 Parts	No
E=Bottom Extension	3 Parts	No
F=Top Extension	Vee Depth Male	Auto
G=Length	Vee Depth Female	Auto
H=Taper Angle #1	Vee Notch Angle	20.000
I=Taper Angle #2	Female Allow	Shortest Slope
J=Taper Offset Width #1	2-Sided Part Allowance	Auto
K=Taper Offset Depth	Offset-Width	Left In
L=Gap Width	Offset-Depth	Bottom Up
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Vee Notch Depth If Straight Edg...	Auto
	Taper Notch If Straight Edge (M...	No
	Taper Notch If Straight Edge (F...	No
	Use Taper Notch For 2 Parts	Yes
	Seam Cut Back	0.000
	Join Vee Angle Male	0
	Join Vee Angle Female	0
	Width To Depth Ratio	Always Two Parts

Dims	Options	
A=Width	Same Widths	Yes
B=Depth	Straight Type	1 Part Straight
C=Length	Female Allow	Shortest Side
D=Gap Width	1xU,1xI	Shortest Side
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Allow Split Sides	No
	Maximum Fold Length	60.000
	Minimum Fold Length	6.000
	STD Straight	No
	Oversize Check	Yes
	Beading	No
	Join Vee Angle Male	0
	Join Vee Angle Female	0
	Width To Depth Ratio	Always Two Parts
	Damper Type	None
	Damper Direction	Vertical
	Handle Type	Manual
	Handle Side	Top

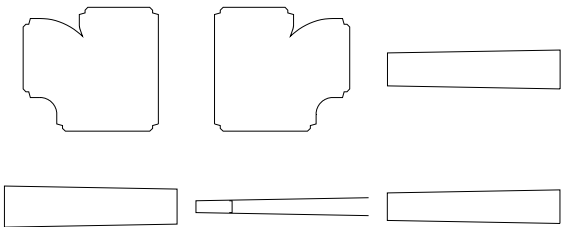
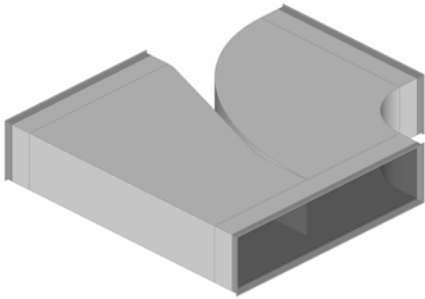
CID: 1130

Rectangular/Ductboard



CID: 1131

Rectangular/Ductboard



Dims	Options	
A=Btm Width	Type	2-Way
B=Depth	Same Widths	Conn's
C=Left Bottom Width	Left Throat	No C1
D=Left Width	Right Throat	Radius C2
E=Right Width		Radius C3
F=Bottom Extension		C4
G=Left Extension		
H=Right Extension		
I=Left Radius		
J=Right Radius		
		Seams
		S1

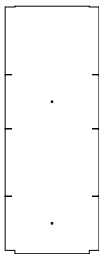
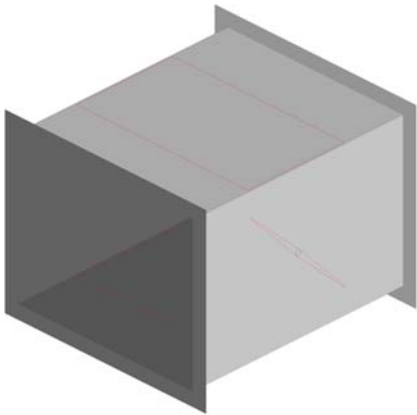
Damper:

Dims	Options	
A=Btm Width	Type	2-Way Asymmetrical
B=Depth	Same Widths	Conn's
C=Right Bottom Width	Left Throat	No C1
D=Top Width	Right Throat	Radius C2
E=Right Width		Radius C3
F=Top Length #1		C4
G=Top Length #2		
H=Bottom Extension		
I=Top Extension		
J=Right Extension		
K=Top Radius		
L=Right Radius		
		Seams
		S1

Damper:

CID: 1133

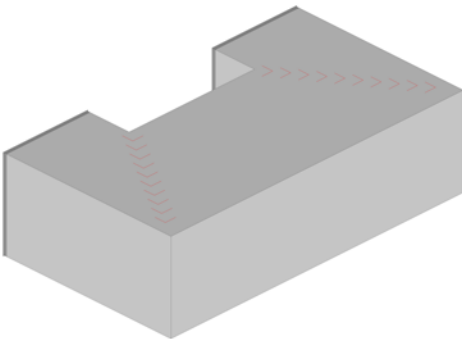
Rectangular



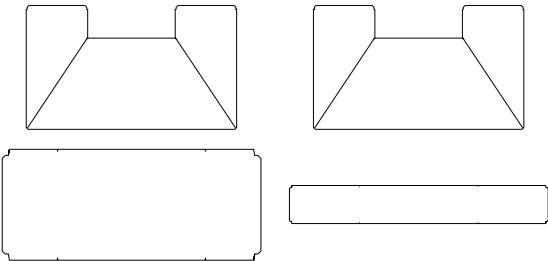
Dims	Options	
A=Width	Same Widths	No
B=Depth	Straight Type	1 Part Straight C1
C=Length	Female Allow	Shortest Side C2
D=Damper Thickness	1xU,1xI	Shortest Side
E=Damper Clearance	Connector Fold Notch	Use Default
F=Damper Center Diameter	Vee Notch Depth	Auto
G=Damper Angle	Vee Notch Angle	30.000
H=Damper Inset	Connector Fold Notch	Use Default
I=Handle Width	Vee Notch Depth	Auto
J=Handle Depth	Vee Notch Angle	30.000
K=Handle Length	Allow Split Sides	No
	Maximum Fold Length	1000000.000
	Minimum Fold Length	1000000.000
	STD Straight	No
	Oversize Check	Yes
	Beading	No
	Join Vee Angle Male	0
	Join Vee Angle Female	0
	Width To Depth Ratio	999999.000
	Damper Type	Angled
	Damper Direction	Vertical
	Handle Type	Manual
	Handle Side	Top

CID: 1134

Rectangular

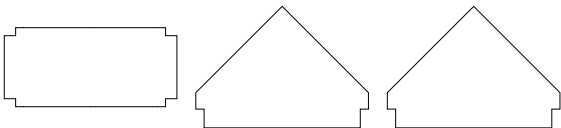
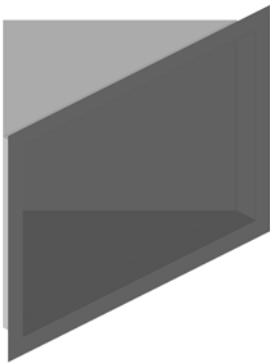


Dims	Options	
A=Left Width	Wrap Parts	1
B=Middle Width	Inner Wrap Length Adjust	0.000 C1
C=Right Width	Outer Wrap Length Adjust	0.000 C2
D=Depth	Vee Depth Male	Auto
E=Height	Vee Depth Female	Auto
F=Left Height	Vee Angle Male	30
G=Right Height	Vee Angle Female	30
	Combine Cheeks And Wrapper	No



CID: 1136

Rectangular/Ductboard



Dims	Options		
A=Width	Item Connector Len1	0.000	Conn's
B=Depth	Item Connector Len2	0.000	C1
C=Height	3 Parts	Yes	
D=Angle	Connector	Yes	
E=Extension	Seam Extension	Yes	
	Vee Depth Male	Auto	
	Vee Depth Female	Auto	
	Vee Angle Male	90.000	
	Vee Angle Female	90.000	
	Use Vee Notch	No	Seams
	Chamfer Seam Allowances	Yes	S1
	Input	Angle	S2

Damper:

CID: 1137

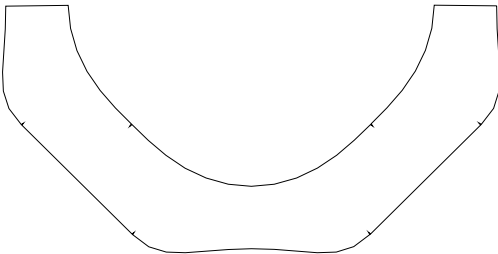
Round



Dims	Options		
A=Pipe Diameter	Branch Parts	1	Conn's
B=Tap Diameter	Seam Position	0.000	C1
C=Tap Length	Pipe Diameter Type	Nominal	C2
D=Angle	Branch Diameter Type	Nominal	C3
E=Offset	Branch Diameter Type	Nominal	
F=Collar	Branch Allowance To Pipe	0.000	
	Hole Adjust	0.000	
	Plate Border	0.000	
	Plate Type	Rectangular	
	Plate Border (Width)	Auto	Seams
		S1	
		S2	

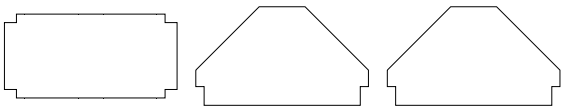
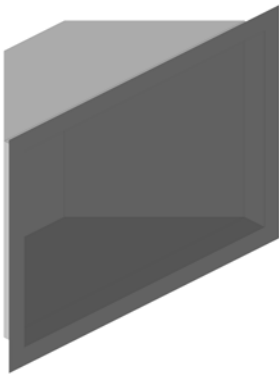
Damper:

None
None



CID: 1138

Rectangular/Ductboard

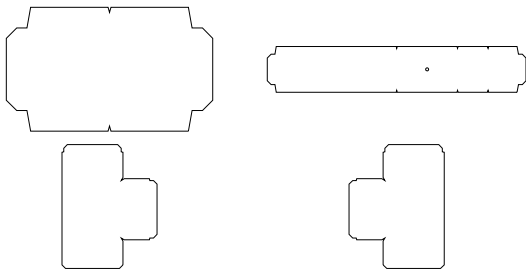
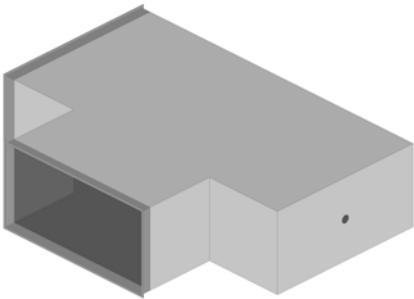


Dims	Options		
A=Btm Width	Item Connector Len1	0.000	Conn's
B=Depth	Item Connector Len2	0.000	C1
C=Top Width	3 Parts	Yes	
D=Height	Connector	Yes	
E=Angle	Seam Extension	Yes	
F=Extension	Vee Depth Male	Auto	
	Vee Depth Female	Auto	
	Vee Angle Male	90.000	
	Vee Angle Female	90.000	
	Use Vee Notch	No	Seams
	Chamfer Seam Allowances	Yes	S1
	Input	Angle	S2

Damper:

CID: 1139

Rectangular

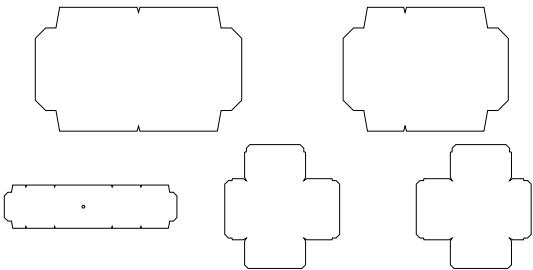
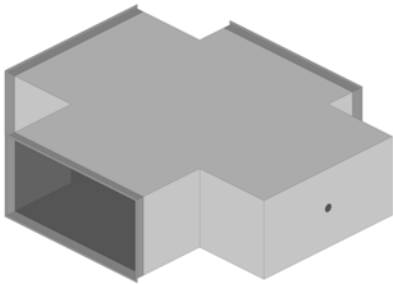


Dims	Options		
A=Top Width	Vee Depth Male	Auto	Conn's
B=Depth	Vee Depth Female	Auto	C1
C=Left Width	Vee Angle Male	30	C2
D=Btm Width	Vee Angle Female	30	C3
E=Top Extension			
F=Left Extension			
G=Bottom Extension			
H=Hole Diameter			
I=Hole Inset			
J=Hole Offset			
			Seams
			S1
			S2

Damper:

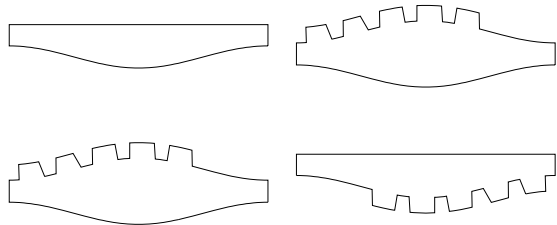
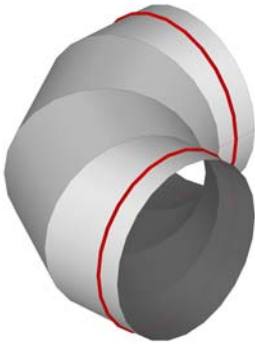
CID: 1140

Rectangular



CID: 1141

Round



Dims		Options	
A=Top Width		Vee Depth Male	Auto
B=Depth		Vee Depth Female	Auto
C=Left Width		Vee Angle Male	30
D=Right Width		Vee Angle Female	30
E=Btm Width			
F=Top Extension			
G=Left Extension			
H=Right Extension			
I=Bottom Extension			
J=Hole Diameter			
K=Hole Inset			
L=Hole Offset			

Seams
S1
S2

Damper:

Dims		Options	
A=Diameter		Number Of Segments	4
B=Inner Radius		Seam Position	0.000
C=Angle		Girth Split	1
D=Bottom Extension		Diameter Type	Nominal
E=Top Extension		Automatic Nest Split If Oversize	No
		Notch Angle For Seam	0
		Nest Break Start Segment	0
		Nest Break End Segment	0
		Marker Type	Notch
		Diameter Reduction	0.000
		Marker Depth	Default
		Mark Sides	No
		Leg Lengths	No
		Fixing Holes On Extension	Yes
		Square Outer Insulation	No
		Outer Insulation Extensions	No
		Splitters	0
		Splitter Radius	Auto
		Splitter Adjust	0.000
		Splitter Shape	Angled
		Splitter Type	Partial
		Castle Height	3.000
		Castle Width	5.000
		Castle Quantity	7
		Castle Angle	75.000
		Castle Inset	15.000
		Castle Height	3.000
		Castle Width	5.000
		Castle Quantity	2
		Castle Angle	75.000
		Castle Inset	15.000
		Item Volume	Segmented

Seams
S1

Damper:
None
None

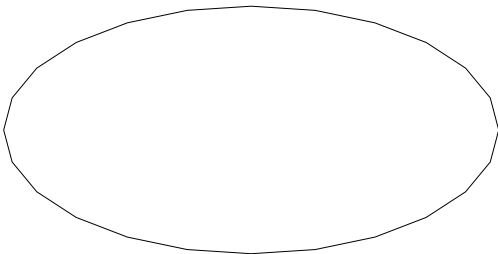
CID: 1142

Standard

Dims	Options		
A=Major Axis	View Number Of Segments	Default	Conn's
B=Minor Axis	Develop Number Of Segments	Default	

Seams

Damper:



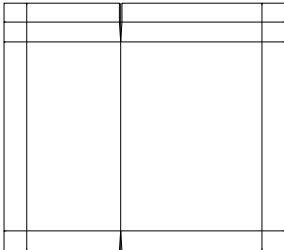
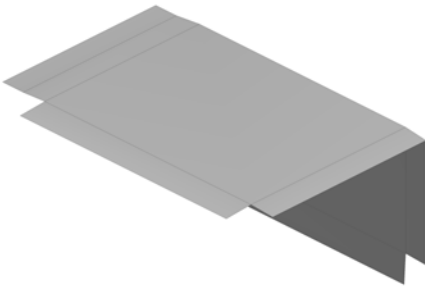
CID: 1143

Rectangular/Standard

Dims	Options		
A=Left	Top Folds	2	Conn's
B=Depth	Bottom Folds	1	C1
C=Top Extension #1	Left Folds	1	
D=Top Fold Angle #1	Right Folds	1	
E=Top Extension #2	Attach		
F=Top Fold Angle #2	Attacher Side	Left and Right	
G=Bottom Extension #1	Attacher Extension	Front	
H=Bottom Fold Angle #1			
I=Left Extension #1			
J=Left Fold Angle #1			Seams
K=Right Extension #1			
L=Right Fold Angle #1			
M=Attach #1			
N=Attach #2			
O=Attach #3			
P=Inset			
Q=Bend Radius			
R=Right			
S=Angle			

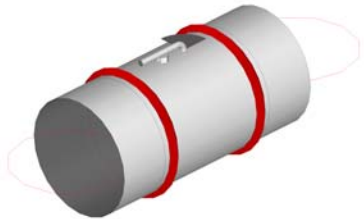
Seams

Damper:



CID: 1144

Round



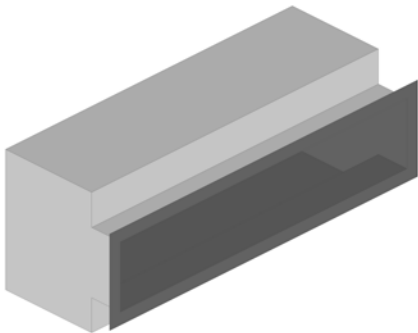
Dims		Options	
A=Diameter	Type	Manual	Conn's
B=Length	Position	0.000	C1
C=Left Collar	Plate	No	C2
D=Right Collar			
E=Total Length			
F=Handle Length #1			
G=Handle Length #2			
H=Handle Inset			

Seams

Damper:

CID: 1145

Rectangular/Ductboard

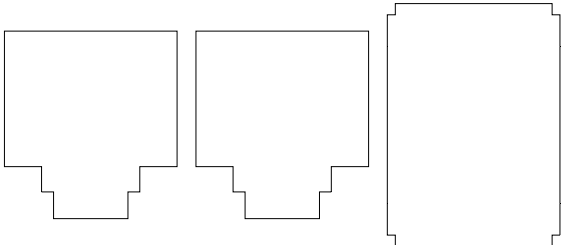


Dims		Options	
A=Top Width	Vee Angle Female	20	Conn's
B=Btm Width	Vee Angle Male	20	C1
C=Top Height	Vee Depth Female	Auto	
D=Bottom Height	Vee Depth Male	Auto	
E=Length	Chamfer Notches On Outer Cor...	No	
F=Offset	3 Part Wrap	No	
	Connector Allowance	4 Sides	

Seams

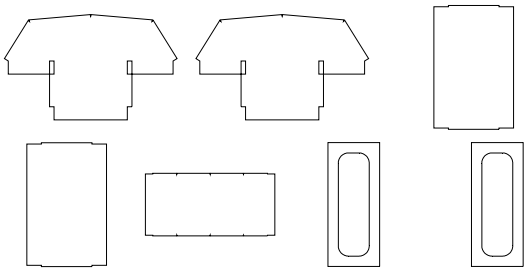
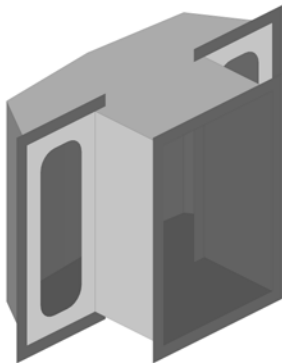
S1
S2

Damper:



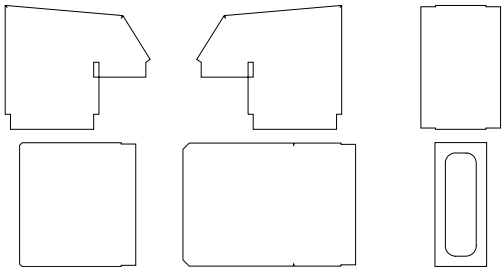
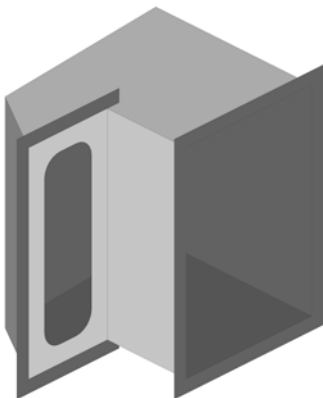
CID: 1146

Rectangular



CID: 1147

Rectangular

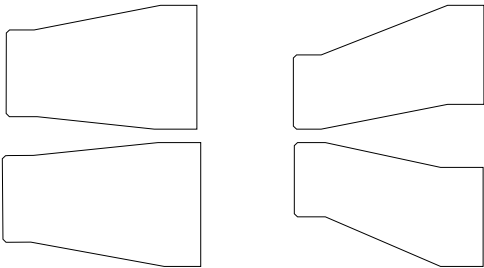
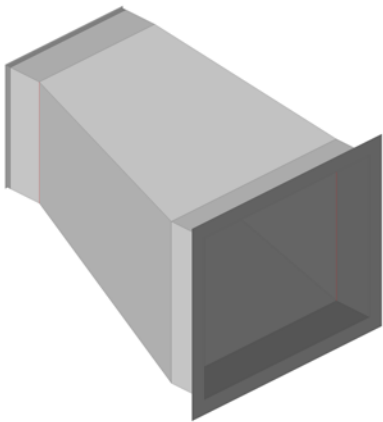


Dims		Options	
A=Width In	Type	Double	Conn's
B=Depth	Frame	Yes	C1
C=Width Out	Vee Depth Male	0.400	C2
D=Angle Out	Vee Angle Male	30.000	C3
E=Length #1	Vee Depth Female	0.400	
F=Length #2	Vee Angle Female	30.000	
G=Slope Angle	Seam Angle	45.000	
H=Bottom Extension			
I=Extension Out			
J=Frame Width			Seams
K=Frame Depth			S1
L=Frame Radius			
M=Frame Mitre			
			Damper:

Dims		Options	
A=Width In	Type	Single	Conn's
B=Depth	Frame	Yes	C1
C=Width Out	Vee Depth Male	0.400	C2
D=Angle Out	Vee Angle Male	30.000	C3
E=Length #1	Vee Depth Female	0.400	
F=Length #2	Vee Angle Female	30.000	
G=Slope Angle	Seam Angle	45.000	
H=Bottom Extension			
I=Extension Out			
J=Frame Width			Seams
K=Frame Depth			S1
L=Frame Radius			
M=Frame Mitre			
			Damper:

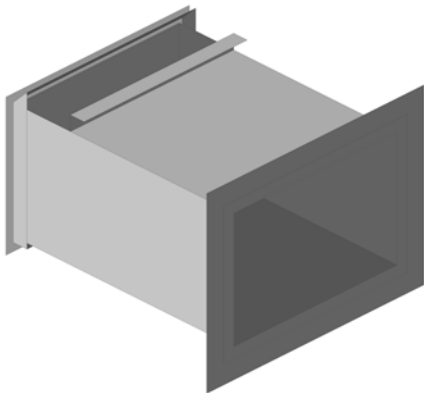
CID: 1148

Rectangular



CID: 1149

Rectangular



Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used
K=Extension In	Offset-Width	Left In
L=Extension Out	Offset-Depth	Bottom Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Seam Cut Back	0.000

Conn's

C1

C2

Seams

S1

Damper:

Dims	Options	
A=Width	Vee Depth Male	0.400
B=Depth	Vee Angle Male	30.000
C=Height	Vee Depth Female	0.400
D=Open Height	Vee Angle Female	30.000
E=Flashing Width	Lid Dims	Actual
F=Flashing Depth	Show Lid	On Top

Conn's

C1

C2

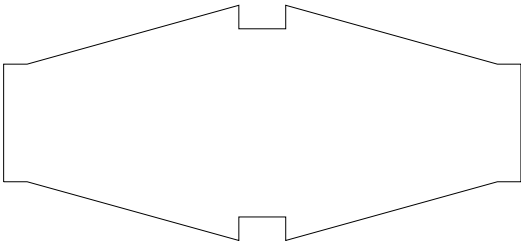
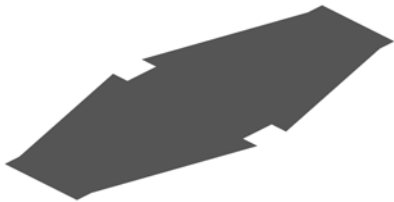
Seams

S1

Damper:

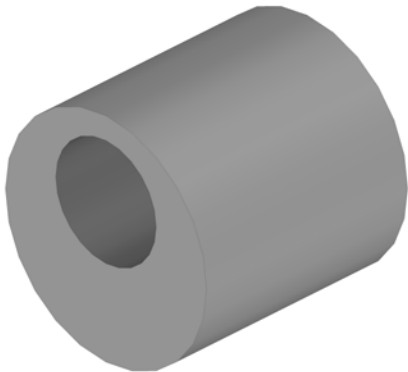
CID: 1150

Standard



CID: 1151

Pipework



Dims	Options	Conn's
A=Length #1		C1
B=Length #2		
C=Length #3		
D=Height #1		
E=Height #2		
F=Height #3		

Seams
S1

Damper:

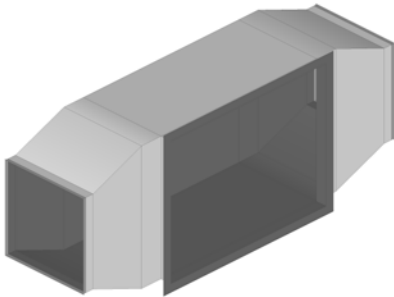
Dims	Options	Conn's
A=Outer Diameter		C1
B=Inner Diameter		C2
C=Length		
D=Offset		
E=Rotation		

Seams

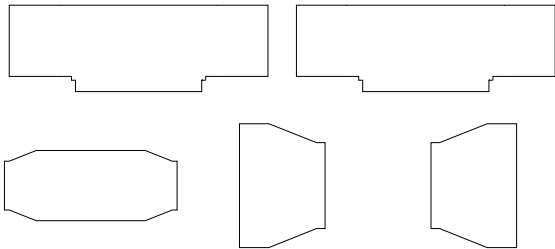
Damper:

CID: 1153

Rectangular/Ductboard

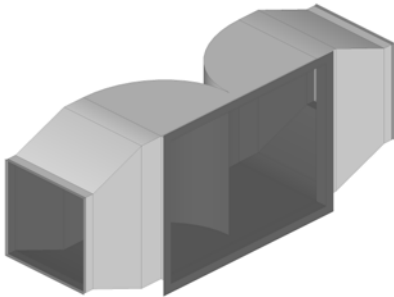


Dims	Options	
A=Btm Width	Heel	Square
B=Btm Depth	2 Part Wrapper	No
C=Left Width Out		C1
D=Left Depth		C2
E=Right Width Out		C3
F=Right Depth		
G=Left Height		
H=Right Height		
I=Left Straight		
J=Right Straight		
K=Left Length		
L=Right Length		
M=Btm Left Extension		
N=Btm Right Extension		
O=Left Extension		
P=Right Extension		
Q=Left Offset Width		
R=Left Offset Depth		
S=Right Offset Width		
T=Right Offset Depth		

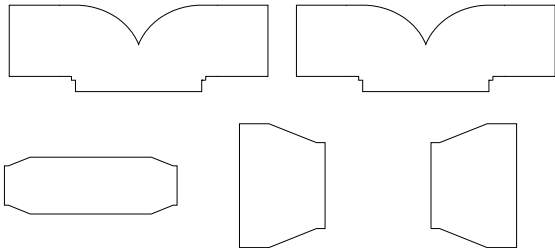


CID: 1154

Rectangular/Ductboard

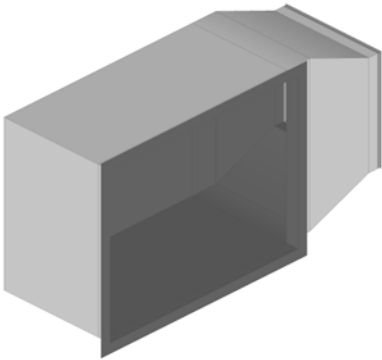


Dims	Options	
A=Btm Width	Heel	Square
B=Btm Depth	2 Part Wrapper	No
C=Left Width In		C1
D=Left Width Out		C2
E=Left Depth		C3
F=Right Width In		
G=Right Width Out		
H=Right Depth		
I=Left Height		
J=Mid Height		
K=Right Height		
L=Left Straight		
M=Right Straight		
N=Left Length		
O=Right Length		
P=Btm Left Extension		
Q=Btm Right Extension		
R=Left Extension		
S=Right Extension		
T=Left Offset Width		
U=Left Offset Depth		
V=Right Offset Width		
W=Right Offset Depth		
X=Left Angle		
Y=Right Ang		

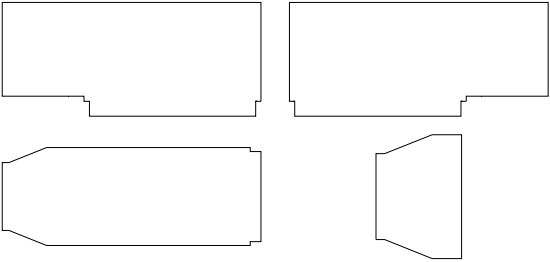


CID: 1155

Rectangular/Ductboard

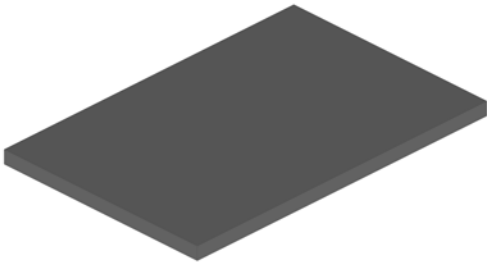


Dims		Options	
A=Btm Width	Heel	Square	Conn's
B=Btm Depth	2 Part Wrapper	No	C1
C=Right Width Out			C2
D=Right Depth			C3
E=Right Height			
F=Right Straight			
G=Right Length			
H=Btm Left Extension			
I=Btm Right Extension			
J=Right Extension			Seams
K=Right Offset Width			S1
L=Right Offset Depth			S2
			Damper:



CID: 1156

Structure

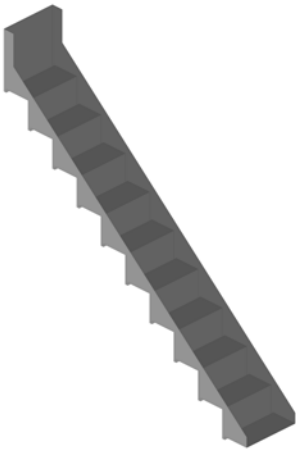


Dims		Options	
A=Width	Duct Adjust	0.000	Conn's
B=Depth	Add Allowance To Body	No	C1
C=Turnover	Mirror Shape	Yes	C2
			Seams
			S1
			Damper:



CID: 1157

Structure



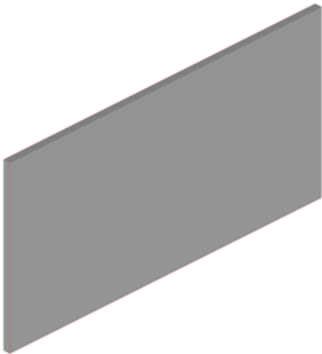
Dims	Options		
A=Width	Input	Total Size	Conn's
B=Depth	Number Of Steps	10.000	C1
C=Height	Sides	Support	C2
D=Step Depth	Rotation	Forward	C3
E=Step Height	Insertion Point	Bottom Front	
F=Top Depth			
G=Nosing Depth			
H=Nosing Height			
I=Support Height			

Seams

Damper:

CID: 1158

Structure



Dims	Options		
A=Left Height	Orientation	Vertical	Conn's
B=Right Height	Grip Point	Wall 1	C1
C=Length	Grip Point	Lower Center	C2
D=Thickness	Cut In Height	Center	C3
			C4
			C5
			C6
			C7

Seams

Damper:



CID: 1159

Rectangular



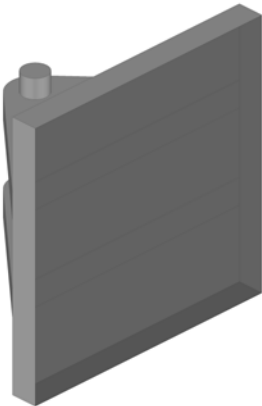
Dims	Options		
A=Width	Lines Input	Spacing	Conn's
B=Height	X Lines	21	C1
C=X Spacing	Y Lines	21	
D=Y Spacing	X Visible (0.0 to 1.0)	0.250	
	Y Visible (0.0 to 1.0)	0.250	
	Internal Lines	No	

Seams

Damper:

CID: 1160

Structure



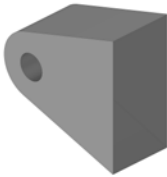
Dims	Options		
A=Base Width	Detail	Low	Conn's
B=Base Depth	Plates	2	C1
C=Base Height			
D=Plate Width			
E=Plate Height			
F=Plate Thickness			
G=Plate Diameter			
H=Plate Base			
I=Plate Gap			
J=Hole Diameter			
K=Hole Offset			
L=Bolt Length			
M=Connector Angle			

Seams

Damper:

CID: 1161

Structure



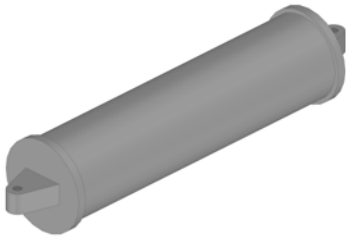
Dims		Options	
A=Pipe Diameter	Shape	Round	Conn's
B=Pipe Length	Type	Single	C1
C=Plate Width	Show Pipe	Yes	C2
D=Plate Depth	Curved	No	C3
E=Plate Height	Sections	Auto	
F=Plate Diameter	Inset Input	X Inset	
G=Hole Diameter			
H=Hole Offset			
I=Own Axis Rotation			
J=Connector Angle			

Seams

Damper:

CID: 1162

Structure



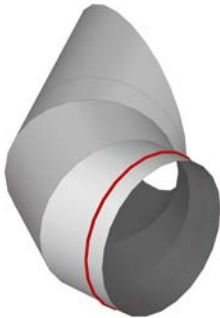
Dims		Options	
A=Pipe Diameter	Curved	No	Conn's
B=Pipe Length	Sections	Auto	C1
C=Left Diameter	Shape	Round	C2
D=Left Length	Type	Single	
E=Plate Width #1	Shape	Round	
F=Plate Depth #1	Type	Single	
G=Plate Height #1			
H=Plate Diameter #1			
I=Hole Diameter #1			
J=Hole Offset #1			
K=Rotation #1			
L=Connector Angle #1			
M=Right Diameter			
N=Right Length			
O=Plate Width #2			
P=Plate Depth #2			
Q=Plate Height #2			
R=Plate Diameter #2			
S=Plate Gap #2			
T=Hole Diameter #2			
U=Hole Offset #2			
V=Rotation #2			
W=Connector Angle #2			

Seams

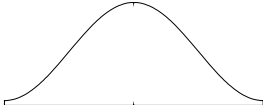
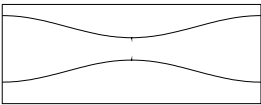
Damper:

CID: 1163

Round

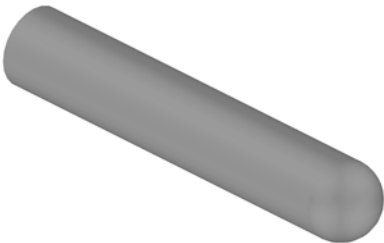


Dims	Options		
A=Diameter	Number Of Segments	3	Conn's
B=Inner Radius	Seam Position	0.000	C1
C=Angle	Girth Split	1	C2
D=Bottom Extension	Single Segments	No	C3
E=Top Extension Angle	Diameter Type	Nominal	
F=Top Extension Length	Automatic Nest Split If Oversize	No	
	Notch Angle For Seam	0	
	Nest Break Start Segment	0	
	Nest Break End Segment	0	
	Marker Type	Notch	Seams
	Diameter Reduction	0.000	S1
	Marker Depth	Default	S2
	Mark Sides	No	
	Leg Lengths	No	Damper:
	Fixing Holes On Extension	Yes	None
	Square Outer Insulation	No	None
	Outer Insulation Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	
	Splitter Adjust	0.000	
	Splitter Shape	Angled	
	Splitter Type	Partial	
	Input Top Extension	Top Length	
	Item Volume	Segmented	



CID: 1164

Structure



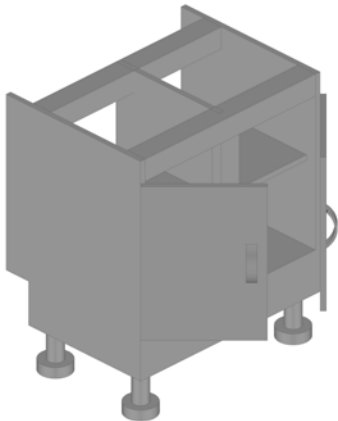
Dims	Options		
A=Diameter	Explode	No	Conn's
B=Length #1	Mark End	No	C1
C=First Angle #1	Mark End	No	C2
D=Second Angle #1			
E=Length #2			
F=First Angle #2			
G=Second Angle #2			

Seams

Damper:

CID: 1165

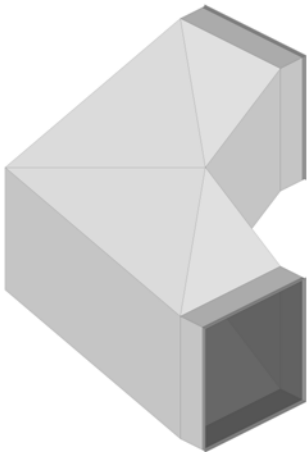
Furniture



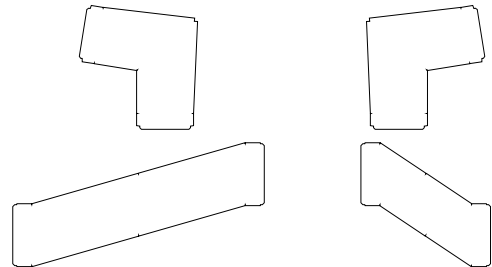
Dims	Options	
A=Width	Front	Doors
B=Height	Top	Bar
C=Depth	Back	Bar
D=Back Depth	Left	Yes
E=Front Left Width	Right	Yes
F=Front Right Width	Legs	Yes
G=Front Bar Width	Doors	Double
H=Front Bar Depth	Horizontal Compartments	2
I=Front Top Height	Vertical Compartments	2
J=Front Bottom Height	Compartments Size	Auto
K=Top Bar Depth	Number Of Drawers	5
L=Top Bar Height	Handle Size	Auto
M=Back Bar Height	Handle Position	Center
N=Back Bar Depth	Doors	Outside
O=Back Bar Inset	Bottom Front	No
P=Back Bar Offset	Bottom Left	No
Q=Sides Thickness	Bottom Right	No
R=Shelves Thickness	Door	Yes
S=Shelves Inset	Door	Yes
T=Doors Thickness		
U=Doors Angle		
V=Legs Diameter #1		
W=Legs Length #1		
X=Legs Diameter #2		
Y=Legs Length #2		
Z=Legs Inset		

CID: 1166

Rectangular

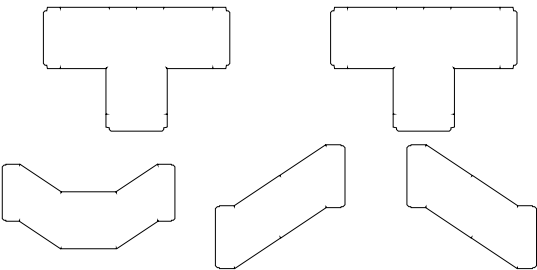
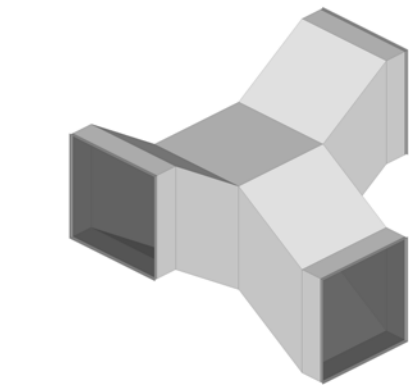


Dims	Options	
A=Btm Width	Type	Normal
B=Btm Depth	Angled Ends	No
C=Right Width	Wrap Parts	1
D=Right Depth	Vee Depth Male	Auto
E=Bottom Length	Vee Depth Female	Auto
F=Right Length	Vee Angle Male	30
G=Bottom Extension	Vee Angle Female	30
H=Right Extension	Debug Point	0
I=Bottom Offset	Debug Point	0
J=Right Offset	Debug Distance	0.000
	Debug Flatten	-1
	Rotation	None
	Direction	C1 In C2 Out



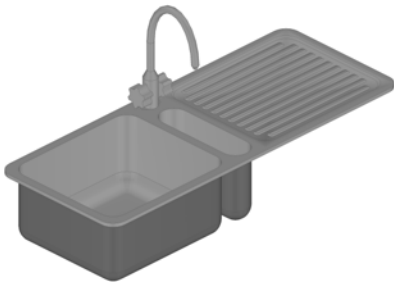
CID: 1167

Rectangular



CID: 1168

Pipework

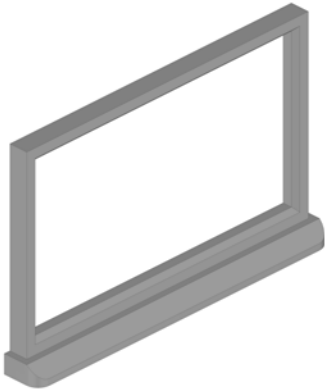


Dims		Options	
A=Btm Width	Type	Normal	Conn's
B=Btm Depth	Sides Same	Yes	C1
C=Right Width	Angled Ends	No	C2
D=Right Depth	Wrap Parts	1	C3
E=Bottom Length	Vee Depth Male	Auto	
F=Right Length	Vee Depth Female	Auto	
G=Bottom Extension	Vee Angle Male	30	
H=Right Extension	Vee Angle Female	30	
I=Bottom Offset	Debug Point	0	
J=Right Offset	Debug Point	0	Seams
K=Right Mid Angle	Debug Distance	0.000	S1
	Debug Flatten	-1	
	Cheeks 2 Parts	No	
Damper:			

Dims		Options	
A=Total Width	I=Top Diame...	Compartments	3
B=Total Depth	m=Tap Diam...	Taps	1
C=Top Height	n=Base Heig...	Compartment Type	C1 C9
D=Surround ...	o=Mid Heigh...	Compartment Type	Sink C2 C10
E=Outer Rad...	p=Mid Heigh...	Compartment Type	Waste C3
F=Inner Radius	q=Top Heigh...	Compartment Type	Drain C4
G=Width #1	r=Tap Leng...	Compartment Type	Sink C5
H=Depth #1	s=Rotation #1	Compartment Type	Sink C6
I=Height #1	t=Inset #1	Compartment Type	Sink C7
J=Front Inset...	u=Offset #1	Tap Type	Default C8
K=Back Inset...	v=Input Dia...	Tap Compartment	2
L=Left Inset #1	w=Input Len...	Tap Type	Seams
M=Right Ins...	x=Input Dia...	Tap Compartment	Default
N=Output Di...	y=Input Leng...		None
O=Output Le...	z=Input Gap ...		
P=Output Ins...			
Q=Output Of...			
R=Width #2			
S=Depth #2			
T=Height #2			
U=Front Inse...			
V=Back Inset...			
W=Left Inset...			
X=Right Inse...			
Y=Output Di...			
Z=Output Le...			
a=Output Ins...			
b=Output Of...			
c=Width #3			
d=Depth #3			
e=Height #3			
f=Front Inset...			
g=Back Inset...			
h=Left Inset #3			
i=Right Inset ...			
j=Base Diam...			
k=Mid Diam...			
Damper:			

CID: 1169

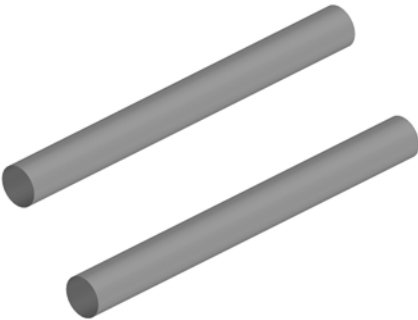
Structure



Dims	Options		
A=Window Width	Horizontal Windows	1	Conn's
B=Window Height	Vertical Windows	1	C1
C=Window Depth	Open Direction	"Outward"	
D=Outer Thickness	Sill Corner	Radius	
E=Outer Mitre	Open Type	None	
F=Inner Thickness	Open Angle	45.000	
G=Inner Mitre	Join To	None	
H=Sill Width			
I=Sill Height			
J=Sill Depth			Seams
K=Sill Back Extension			
L=Sill Corner			
M=Sill Angle			
			Damper:

CID: 1170

Structure



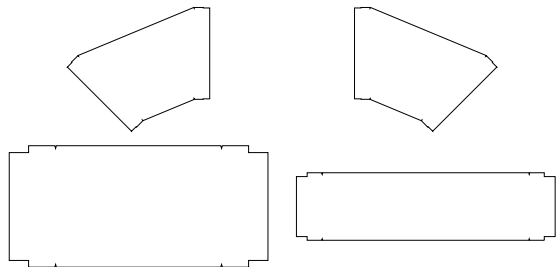
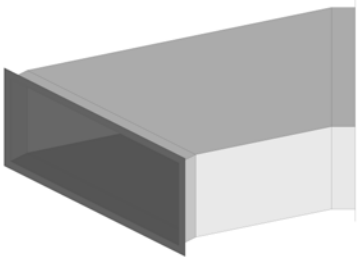
Dims	Options		
A=Diameter #1	Inserts Input	Both Insets	Conn's
B=Length #1	Main Lengths	From End	C1
C=Diameter #2	Main Angled Ends	No	C2
D=Length #2	Inserts Allowance To Mains	0.000	C3
E=Offset #2	Type	Main	C4
F=Offset #2	From Element	1	
	To Element	1	
	Type	Main	
	From Element	2	
	To Element	2	Seams
		S1	
		S2	
			Damper:



CID: 1171

Rectangular

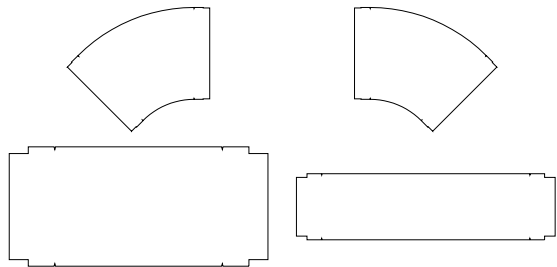
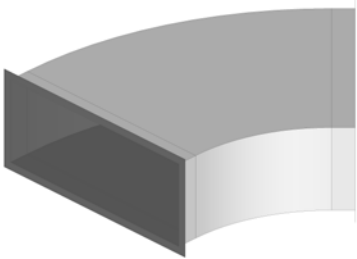
Dims	Options		
A=Left Width	Input	Angle And Inner & Right L...	Conn's
B=Depth	Type	Straight	C1
C=Right Width	Vee Depth Male	0.400	C2
D=Inner Length	Vee Angle Male	30.000	
E=Outer Length	Vee Depth Female	0.400	
F=Left Length	Vee Angle Female	30.000	
G=Right Length			
H=Left Extension			
I=Right Extension			
J=Total Angle			
			Seams
			S1



CID: 1172

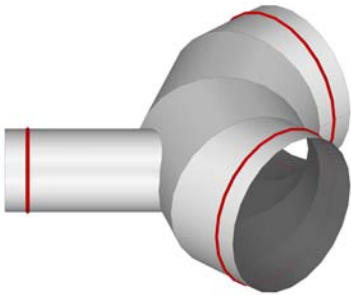
Rectangular

Dims	Options		
A=Left Width	Input	Angle And Inner & Right L...	Conn's
B=Depth	Type	Radius	C1
C=Right Width	Vee Depth Male	0.400	C2
D=Inner Length	Vee Angle Male	30.000	
E=Outer Length	Vee Depth Female	0.400	
F=Left Length	Vee Angle Female	30.000	
G=Right Length			
H=Left Extension			
I=Right Extension			
J=Total Angle			
			Seams
			S1

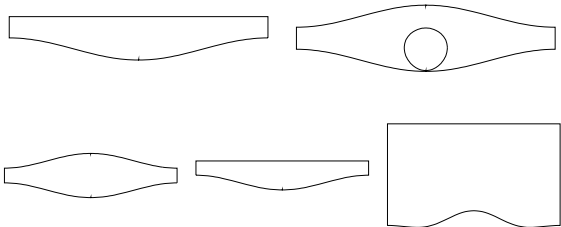


CID: 1173

Round

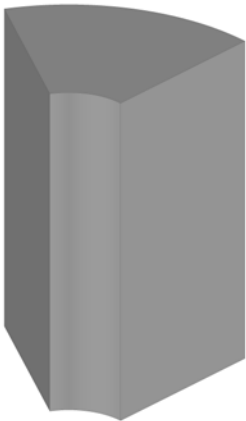


Dims	Options	
A=Diameter	Number Of Segments	4
B=Inner Radius	Seam Position	0.000
C=Angle	Single Segments	Yes
D=Bottom Extension	Pipe Diameter Type	Nominal
E=Top Extension	Branch Diameter Type	Nominal
F=Tap Diameter	Marker Type	Notch
G=Tap Length	Branch Allowance To Pipe	0.000
H=Branch Angle	Full Intersections	Yes
I=Branch Extension	Item Volume	Segmented
J=Branch Inset		
K=Branch Offset		



CID: 1174

Structure



Dims	Options	
A=Width	Inner	Radius
B=Height	Outer	Radius
C=Outer Extension		C1
D=Inner Radius		C2
E=Angle		

Seams

Damper:

CID: 1175

Round/Standard

Dims	Options	
Inlet	1	Conn's
Outlet	1	
Library	Duct	
Faces	No	

Seams

Damper:

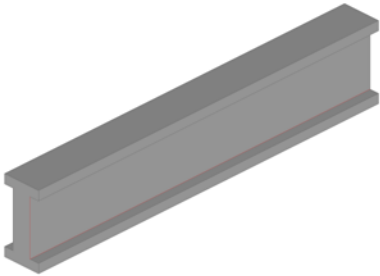
CID: 1176

Structure

Dims	Options	
A=Top Width	Camber	50.000
B=Btm Width	Type	I C1
C=Height		C2
D=Length		
E=Web		
F=Top Flange		
G=Bottom Flange		

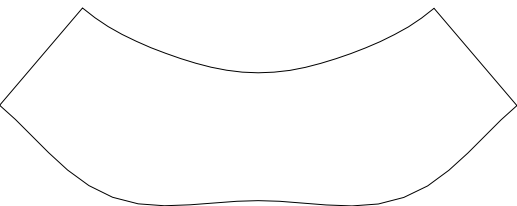
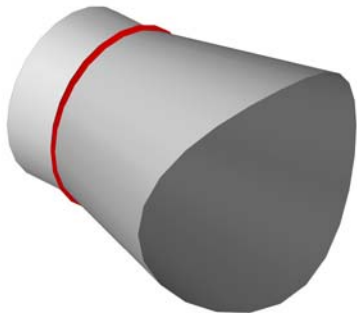
Seams

Damper:



CID: 1177

Round



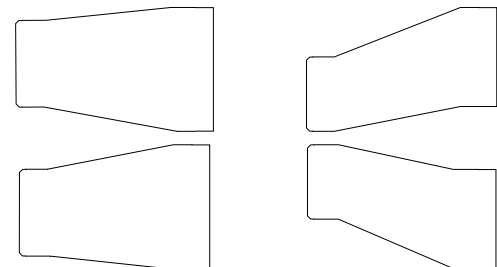
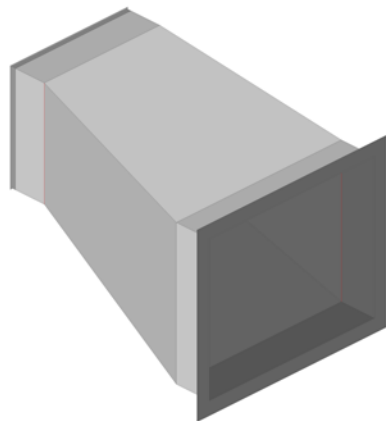
Dims	Options	
A=Pipe Diameter	Pipe Parts	No Pipe
B=Tap Diameter	Branch Parts	1 C1
C=Btm Width	Pipe Seam Position	0.000 C2
D=Btm Depth	First Break	0.000 C3
E=Tap Length	Second Break	0.000
F=Collar	Third Break	0.000
	Pipe Diameter Type	Nominal
	Branch Diameter Type	Nominal
	Hole Adjust	0.000
	Branch Allowance To Pipe	0.000
	Branch Seam Position	0.000
	Plate Border	0.000
	Plate Border (Width)	Equal
	Plate Type	Rectangular
	Inlet	1
	Outlet	2
	Draw Pipe	No

Seams

Damper:
None

CID: 1178

Rectangular/Ductboard



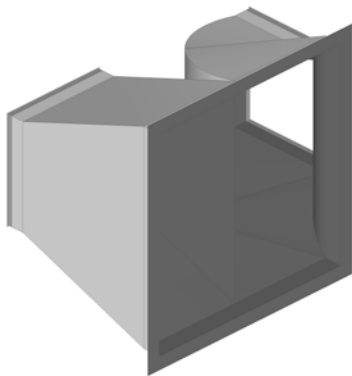
Dims	Options	
A=Width In	2 Parts	No
B=Depth In	3 Parts	No
C=Width Out	Vee Depth Male	Auto
D=Depth Out	Vee Depth Female	Auto
E=Length	Vee Notch Angle	20.000
F=Extension In	Taper Notch If Straight Edge (F...	No
G=Extension Out	Female Allow	Shortest Slope
H=Offset-Width	2-Sided Part Allowance	Auto
I=Offset-Depth	Estimated Width Out %age	Not Used
J=Angle	Estimated Depth Out %age	Not Used
K=Extension In	Offset-Width	Left In
L=Extension Out	Offset-Depth	Bottom Up
	Taper Notch If Straight Edge (M...	No
	Use Taper Notch For 2 Parts	Yes
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Input	Length
	Vee Notch Depth If Straight Edg...	Auto
	Maximum Angle	180.000
	Splitter Turnover	0.000
	Splitter Extension	0.000
	Splitter Adjust	0.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Splitter Hole Diameter	0.000
	Number Of Holes	0.000
	Splitters	Half
	Hole Inset	0.000
	Fixing Holes on Turnover	No
	Show Fold Angles	Yes

Seams

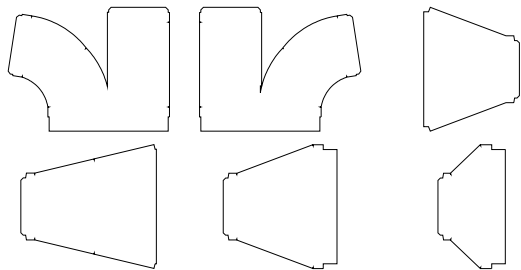
Damper:

CID: 1179

Rectangular

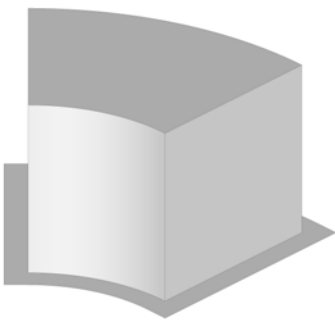


Dims	Options	
A=Btm Width	Same Widths	Yes
B=Btm Depth	Right Throat	Radius C1
C=Right Width	Vee Depth Male	Auto C2
D=Right Depth	Vee Depth Female	Auto C3
E=Top Width	Vee Angle Male	30
F=Top Depth	Vee Angle Female	30
G=Top Length #1	Seam Top Arcs	No
H=Top Length #2	Cheeks Seam	Male
I=Bottom Extension	Junction Seam Cutback (Up)	0.000
J=Right Extension		
K=Top Extension		
L=Right Offset		
M=Top Offset		
N=Right Radius		
O=Top Radius		



CID: 1180

Rectangular



Dims	Options	
A=Width	Input	Number Of Lines
B=Height	Lines	10.000 C1
C=Inner Radius		
D=Angle		
E=Flange		

Seams

Damper:

CID: 1181

Dims	Options	Conn's
------	---------	--------

Standard

Seams

Damper:

CID: 1183

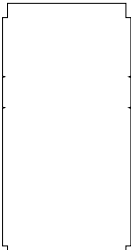
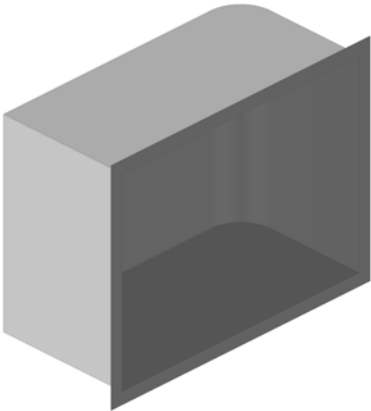
Dims	Options	Conn's
A=Width	Develop Parts	2
B=Depth	Vee Depth Male	0.400 C1
C=Height	Vee Depth Female	0.400
D=Radius	Vee Angle Male	30
	Vee Angle Female	30

Rectangular

Seams

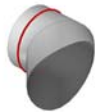
S1
S2

Damper:



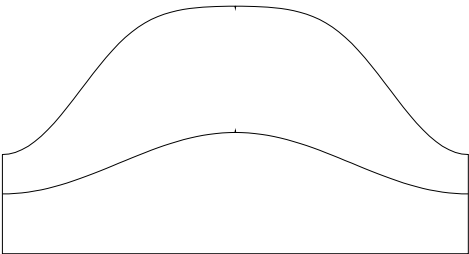
CID: 1184

Round



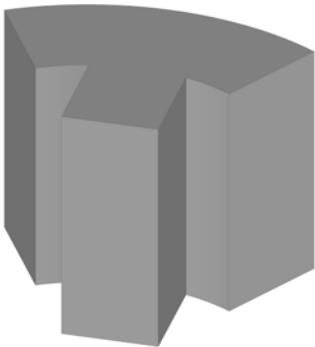
Dims	Options	
A=Pipe Diameter	Pipe Parts	No Pipe
B=Tap Diameter	Branch Parts	1 C1
C=Tap Length	First Break	0.000 C2
D=Angle	Second Break	0.000 C3
E=Offset	Third Break	0.000 C4
F=Extension	Pipe Diameter Type	Nominal
G=Collar	Branch Diameter Type	Nominal
	Hole Adjust	0.000
	Branch Allowance To Pipe	0.000
	Throat Cut Back (Degrees)	0.000
	Reducer Parts	1 S1
	Branch Inset	Front S2

Damper:
None



CID: 1185

Structure



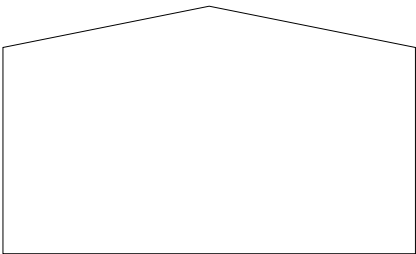
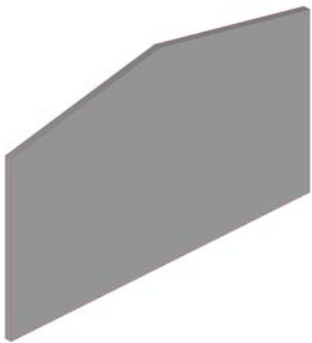
Dims	Options	
A=Height	Mid Length	Auto
B=Thickness	Inner	Radius C1
C=Outer Extension	Outer	Radius C2
D=Mid Thickness		C3
E=Mid Length		
F=Inner Radius		
G=Angle		

Seams

Damper:

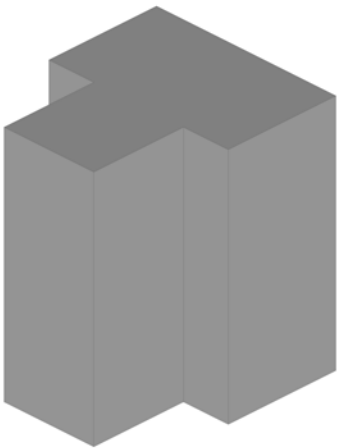
CID: 1186

Structure



CID: 1187

Structure



Dims	Options	
A=Left Height	Orientation	Vertical
B=Right Height	Grip Point	Wall 1
C=Length	Grip Point	Lower Center
D=Thickness	Cut In Height	Center
E=Apex Height	Apex Input	Height And Inset
F=Apex Inset		
G=Apex Left Angle		
H=Apex Right Angle		
		Conn's
		C1
		C2
		C3
		C4
		C5
		C6
		C7
		Seams

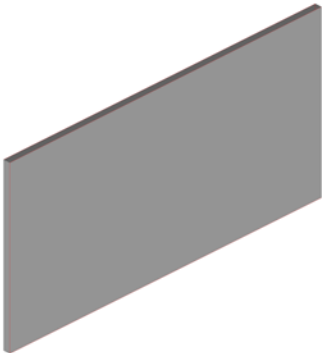
Damper:

Dims	Options	
A=Height	Mid Length	Input
B=Thickness	Inner	Radius
C=Outer Extension	Outer	Radius
D=Mid Thickness		
E=Mid Length		
F=Length		
		Conn's
		C1
		C2
		C3
		Seams

Damper:

CID: 1188

Structure

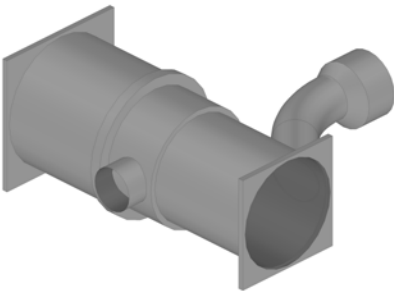


Dims	Options	
A=Height	Orientation	Vertical
B=Length	Grip Point	Wall 1
C=Thickness	Grip Point	Lower Center
	Cut In Height	Center
	Profile	C4
	Profile Top	Yes
	Left Angle	45.000
	Right Ang	45.000
	Apply Angles To	Profile Only
	Apply Angles	Horizontally

Damper:

CID: 1189

Pipework

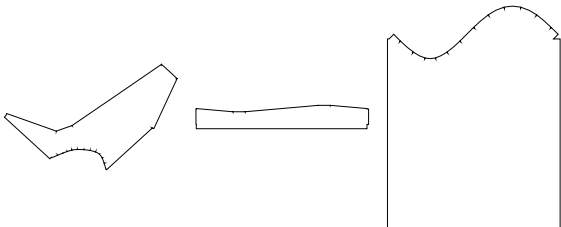


Dims	Options	
A=Bottom Width		Conn's
B=Bottom Depth		C1
C=Bottom Diameter		C2
D=Middle Diameter #1		C3
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		Seams
K=Middle Height #2		
L=Top Height		
M=Bottom Thickness		
N=Top Thickness		
O=Left Diameter		
P=Left Length		
Q=Right Diameter #1		
R=Right Length #1		
S=Right Diameter #2		
T=Right Length #2		
U=Right Inset		
V=Right Offset		
W=Right Center Inset		
X=Right Center Offset		
Y=Right Radius		
Z=Right Ang		

Damper:

CID: 1190

Rectangular/Round



Dims	Options	
A=Width	Diameter Type	Nominal
B=Depth	Round Parts	1 C1
C=Diameter	Rect Parts	1 C2
D=Btm Left Ext	Body Cross Break	1
E=Btm Right Ext	Body Length Break	1
F=Top Upper Extension	Seam Position	Width
G=Top Lower Extension	Marker Type	Notch
H=Inner Length #1	Fold Notch Depth	Full Allowance
I=Inner Length #2	V Notch Rectangular Extension	No
J=Offset-Depth	Inlet	1
K=Angle	Outlet	2 S1
	Debug Information	No S2

Damper:

CID: 1192

Pipework



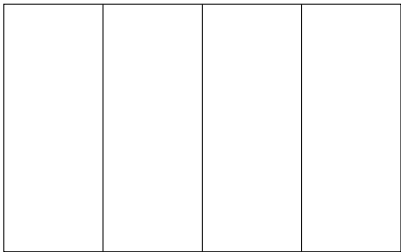
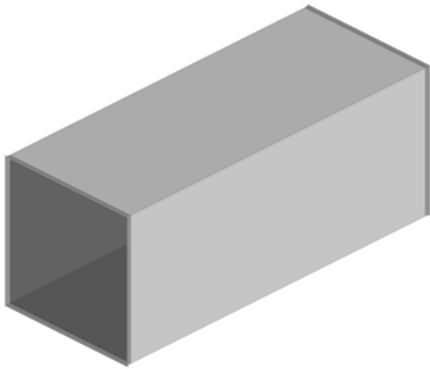
Dims	Options	
A=Circular Diameter	Number Of Parts	1
B=Quadrant Radius	Seam Position	Curve Start
C=Length		C1
D=Circular Extension		C2
E=Quadrant Extension		
F=Offset-Width		
G=Offset-Depth		

Seams
S1

Damper:

CID: 1193

Rectangular/Ductboard

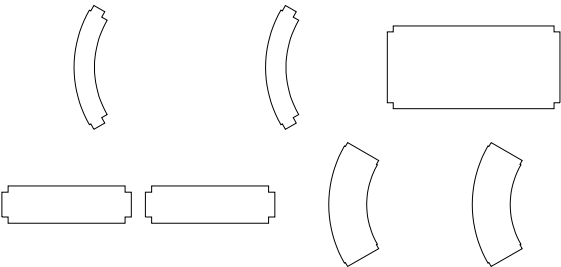
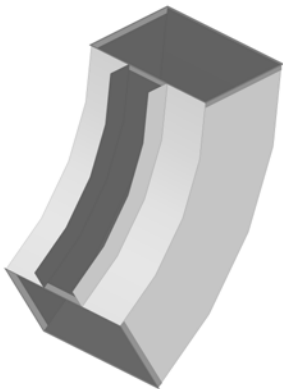


Dims	Options	Conn's
A=Length		C1
B=Width #1		C2
C=Depth #1		
D=Width #2		
E=Depth #2		
F=Width #3		
G=Depth #3		
H=Width #4		
I=Depth #4		
J=Width #5		
K=Depth #5		
		Seams
		S1

Damper:

CID: 1196

Rectangular



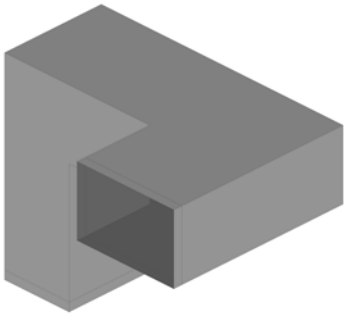
Dims	Options	Conn's
A=Top Width	Type	A
B=Top Height	Draw Connectors	Yes C1
C=Bottom Width	Notch Corners	Yes C2
D=Bottom Height		C3
E=Radius		
F=Angle		

Seams
S1

Damper:

CID: 1197

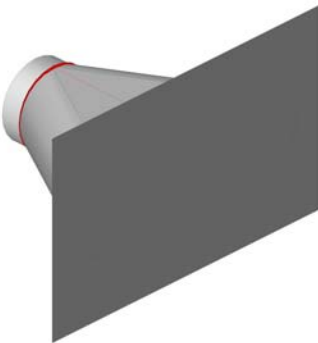
Electrical



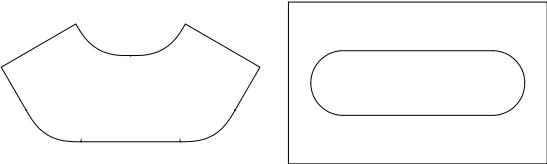
Dims		Options	
A=Width In	Type	Elbow Left Front	Conn's
B=Depth In	Pattern	None	C1
C=Width Out			C2
D=Depth Out			
E=Length In			
F=Mid Length			
G=Length Out			
H=Extension In			
I=Extension Out			
J=Top Edge			Seams
K=Bottom Edge			S1
L=Front Edge			
M=Back Edge			
			Damper:

CID: 1199

Round



Dims		Options	
A=Diameter	Branch Parts	1	Conn's
B=Length	Plate Parts	1	C1
C=Extension	Seam Position	0.000	C2
D=Angle	Hole Adjust	0.000	
E=Plate Width	Diameter Type	Nominal	
F=Plate Depth	Turnover	0.000	
G=Offset-Width	Notch Hole Ends	No	
H=Offset-Depth			
I=Bottom Width			
			Seams
			S1
			S2
			Damper:
			None



CID: 1522

Round/Flat Oval



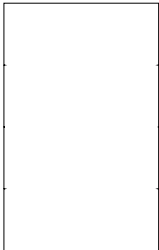
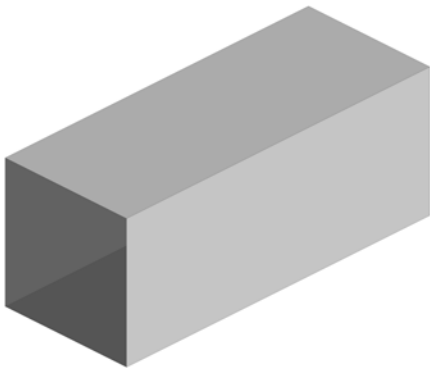
Dims	Options	
A=Diameter	Sex Type	Male
B=Collar		Conn's
C=Length		C1
D=Offset		C2
E=Oval Depth		

Seams
S1

Damper:

CID: 1972

Rectangular/Standard

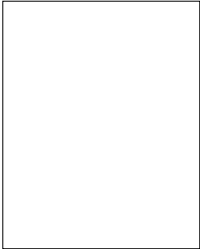
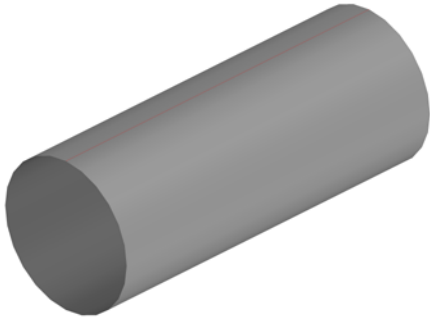


Dims	Options	
A=Width	Straight Type	1 Part Straight
B=Depth	Female Allow	Shortest Side
C=Length	1xU,1xI	Shortest Side
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Connector Fold Notch	Use Default
	Vee Notch Depth	Auto
	Vee Notch Angle	30.000
	Beading	No
	Vertical	No
	Adjust	0.000
	Right Offset	6.000
	Left Offset	6.000
	Insulation Parts	Same
	Insulation UI	Shortest Side

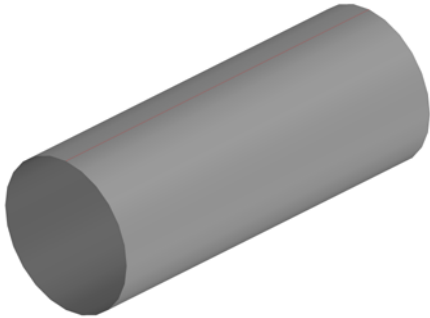
Seams
S1

Damper:

Pipework



Pipework



Dims	Options		
A=Diameter	Seam Position	0.000	Conn's
B=Length	Diameter Type	Nominal	C1
C=Left Extension	Duct Length	(inch)	C2
D=Right Extension	Area Adjust (%)	0.000	
	Lengths Include Connector Adj...	No	
	Length Adjust	0.000	
	Pipe Parts	1	
	First Break	0.000	
	Second Break	0.000	
	Third Break	0.000	Seams
			S1

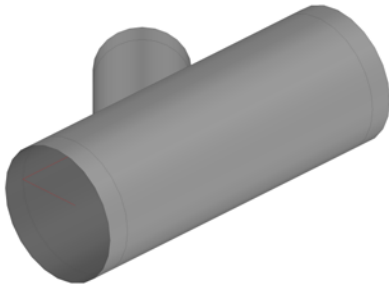
Damper:
None
None

Dims	Options	
A=Diameter	Seam Position	0.000
B=Length	Diameter Type	Nominal
C=Left Extension	Duct Length	(inch)
D=Right Extension	Area Adjust (%)	0.000
	Lengths Include Connector Adj...	No
	Allow Multiple Straights	Yes
	STD Straight	No
	Length Adjust	0.000
	Pipe Parts	1
	First Break	0.000
	Second Break	0.000
	Third Break	0.000

Damper:
None
None

CID: 2042

Pipework



Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	First Break	0.000
D=Right Extension	Second Break	0.000
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Hole Adjust	0.000
I=Extension #1	Branch Allowance To Pipe	0.000
	Branch Seam Position	0.000
	Throat Cut Back (Degrees)	0.000
	Plate Border (Circumference)	0.000
	Plate Type	Rectangular
	Estimated Diameter %age	Not Used
	Cut Back Allowance (%)	0.000
	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	Inlet	1
	Outlet	2
	End Castle Width	0.000
	End Castle Angle	30.000
	Angle Tolerance	0.000

Conn's

C1

C2

C3

Seams

S1

S2

Damper:

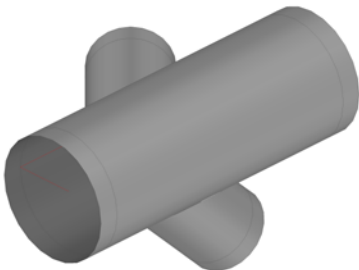
None

None

None

CID: 2044

Pipework



Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Pipe Length	Branch Parts	1
C=Left Extension	First Break	0.000
D=Right Extension	Second Break	0.000
E=Tap Diameter #1	Third Break	0.000
F=Tap Length #1	Pipe Diameter Type	Nominal
G=Angle #1	Branch Diameter Type	Nominal
H=Inset #1	Branch Diameter Type	Nominal
I=Rotation #1	Hole Adjust	0.000
J=Extension #1	Branch Allowance To Pipe	0.000
K=Tap Diameter #2	Branch Seam Position	0.000
L=Tap Length #2	Throat Cut Back (Degrees)	0.000
M=Angle #2	Plate Border (Circumference)	0.000
N=Inset #2	Plate Type	Rectangular
O=Rotation #2	Estimated Diameter %age	Not Used
P=Extension #2	Cut Back Allowance (%)	0.000
	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	Inlet	1
	Outlet	2
	End Castle Width	0.000
	End Castle Angle	30.000
	Angle Tolerance	0.000

Conn's

C1

C2

C3

C4

Seams

S1

S2

S3

Damper:

None

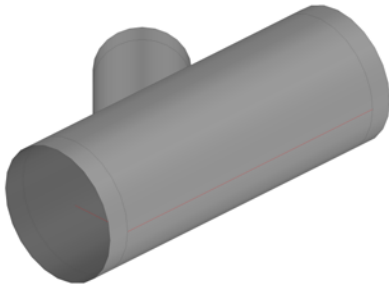
None

None

None

CID: 2047

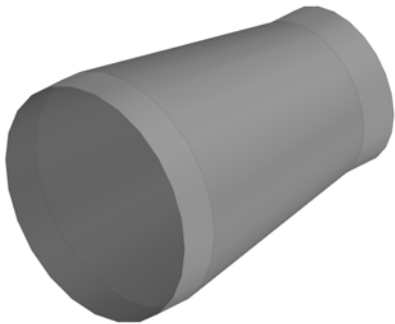
Pipework



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	
C=Left Extension	First Break	0.000	
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter #1	Third Break	0.000	
F=Tap Length #1	Pipe Diameter Type	Nominal	
G=Angle #1	Branch Diameter Type	Nominal	
H=Inset #1	Hole Adjust	0.000	
I=Extension #1	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	Seams
	Throat Cut Back (Degrees)	0.000	
	Plate Border (Circumference)	0.000	S1
	Plate Type	Rectangular	S2
	Estimated Diameter %age	Not Used	
	Cut Back Allowance (%)	0.000	Damper:
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	None
	Inlet	1	None
	Outlet	2	
	End Castle Width	0.000	
	End Castle Angle	30.000	
	Angle Tolerance	0.000	

CID: 2051

Pipework



Dims		Options	
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	
C=Length	Girth Split	1	
D=Left Extension	Length Break	1	
E=Right Extension	Estimated Diameter %age	Not Used	
F=Angle	Seam For Weathering	No	
	Input	Length	
	Length Includes Extensions	No	
	Auto Oversize	Normal	
	Graining Angle	90.000	Seams
			S1
			Damper:
			None
			None

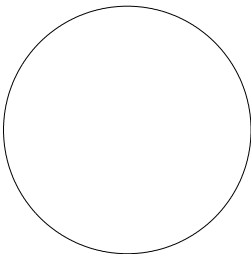
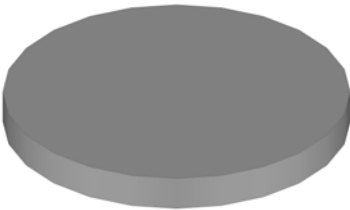
CID: 2060

Pipework

Dims	Options		
A=Diameter	Diameter Type	Nominal	Conn's
B=Collar			C1
C=Height			

Seams

Damper:



CID: 2071

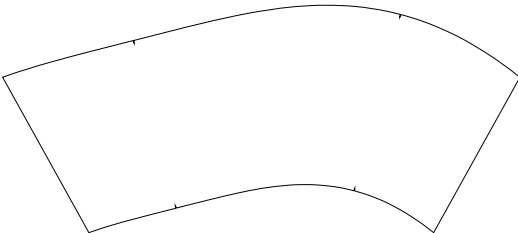
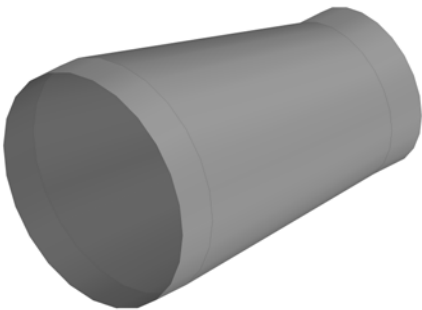
Pipework

Dims	Options		
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	C1
C=Length	Girth Split	1	C2
D=Y-Offset	Seam Position	0.000	
E=Left Extension	Length Break	1	
F=Right Extension	Estimated Diameter %age	Not Used	
G=Round Angle	Marker Type	Notch	
	Length Includes Extensions	No	
	Graining Angle	90.000	
			Seams
			S1

Damper:

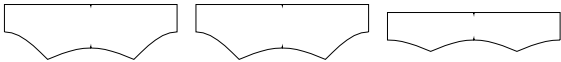
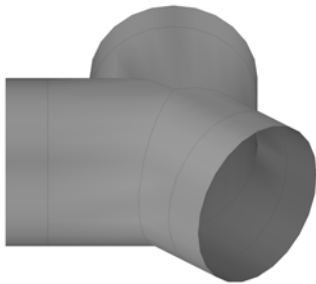
None

None



CID: 2072

Pipework



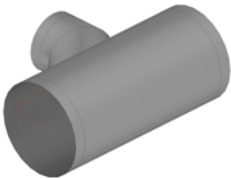
Dims		Options	
A=Diameter	Diameter Type	Nominal	Conn's
B=Length In	Seam Position	0.000	C1
C=Length Out			C2
D=Angle			C3
E=Bottom Extension			C4
F=Left Extension			C5
G=Right Extension			

Seams
S1

Damper:

CID: 2082

Pipework

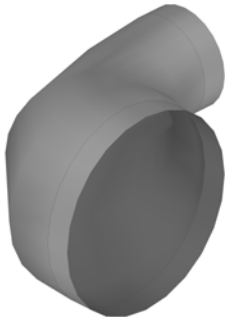


Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter	Third Break	0.000	C4
F=Tap Length	Pipe Diameter Type	Nominal	
G=Angle	Branch Diameter Type	Nominal	
H=Inset	Hole Adjust	0.000	
I=Offset	Branch Allowance To Pipe	0.000	
J=Extension	Throat Cut Back (Degrees)	0.000	Seams
K=Collar	Reducer Parts	1	S1
	Branch Inset	Front	S2

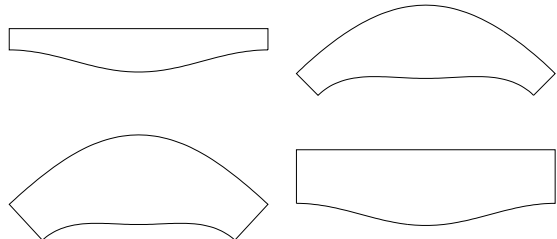
Damper:

CID: 2097

Pipework

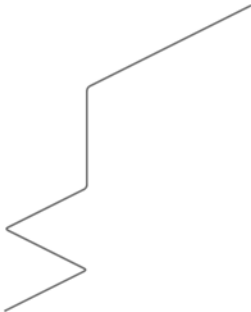


Dims	Options		
A=Bottom Diameter	Number Of Segments	4	Conn's
B=Top Diameter	Bottom Diameter Type	Nominal	C1
C=Center Radius	Angle Tolerance	0.000	C2
D=Angle	Mark Sides	No	C3
E=Bottom Extension	Leg Lengths	No	
F=Top Extension	Square Outer Insulation	No	
	Outer Insulation Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	
	Splitter Adjust	0.000	Seams
	Splitter Shape	Angled	S1
	Splitter Type	Partial	
	Fixed Radius	Yes	
	Item Volume	Segmented	Damper: None None



CID: 2108

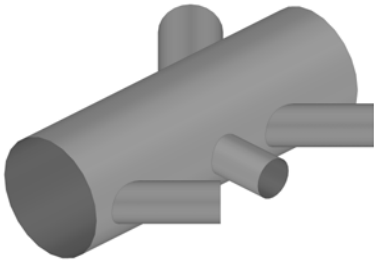
Pipework



Dims	Options		
A=Diameter	Bend Radius	4.000	Conn's
B=Length	Factor Type	Multiples Of Diameter	C1
C=Lead Length	Max Length	0.000	C2
D=Straight 1 Start->Straight ...	Number Of Round Sections	12	
E=Straight 1 Start->Bend 1 C...	Length	Auto	
F=Bend 1 X Angle	Length Adjust	0.000	
G=Bend 1 Y Angle	Number Of Segments	Auto	
H=Straight 2 Start->Straight ...	Straight Annotation	Up	
I=Bend 1 Center->Bend 2 Ce...	Bend Annotation	Front	
J=Bend 2 X Angle	Allowance	Default	Seams
K=Bend 2 Y Angle			
L=Straight 3 Start->Straight 3...			
M=Bend 2 Center->Bend 3 C...			
N=Bend 3 X Angle			Damper:
O=Bend 3 Y Angle			
P=Straight 4 Start->Straight 4...			
Q=Bend 3 Center->Bend 4 C...			
R=Bend 4 X Angle			
S=Bend 4 Y Angle			
T=Straight 5 Start->Straight 5...			
U=Bend 4 Center->Straight 5...			

CID: 2148

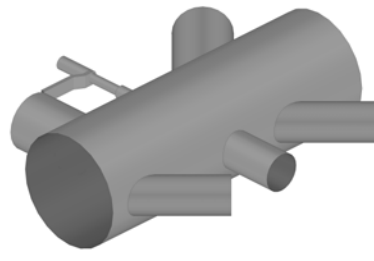
Pipework



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	First Break	0.000	C1
C=Left Extension	Second Break	0.000	C2
D=Right Extension	Third Break	0.000	C3
E=Tap Diameter #1	Seam Position	0.000	C4
F=Tap Length #1	Pipe Diameter Type	Nominal	C5
G=Angle #1	Branch Type	Straight Branch	C6
H=Inset #1	Branch Diameter Type	Nominal	
I=Offset #1	Branch Parts	2	
J=Rotation #1	Branch Type	Straight Branch	Seams
K=Extension #1	Branch Diameter Type	Nominal	S1 S4
L=Tap Diameter #2	Branch Parts	1	S2 S5
M=Tap Length #2	Branch Type	Straight Branch	S3
N=Angle #2	Branch Diameter Type	Nominal	Damper:
O=Inset #2	Branch Parts	1	
P=Offset #2	Branch Type	Straight Branch	
Q=Rotation #2	Branch Diameter Type	Nominal	
R=Extension #2	Branch Parts	1	
S=Tap Diameter #3	Hole Adjust	0.000	
T=Tap Length #3	Branch Allowance To Pipe	0.000	
U=Angle #3	Shoe Seam Position	Throat	
V=Inset #3	Handle Inline with Body	No	
W=Offset #3	Inlet	1	
X=Rotation #3	Outlet	2	
Y=Extension #3			
Z=Tap Diameter #4			
a=Tap Length #4			
b=Angle #4			
c=Inset #4			
d=Offset #4			
e=Rotation #4			
f=Extension #4			
g=Tilt Angle			

CID: 2149

Pipework



Dims		Options	
A=Pipe Diam...	I=Rotation #5	Pipe Parts	1
B=Pipe Length	m=Extension...	First Break	0.000
C=Left Exten...	n=Shaft Leng...	Second Break	0.000
D=Right Exte...	o=Shaft Leng...	Third Break	0.000
E=Tap Diam...	p=Shaft Leng...	Seam Position	0.000
F=Tap Lengt...	q=Shaft Dia...	Pipe Diameter Type	Nominal
G=Angle #1	r=Shaft Diam...	Branch Type	Straight Branch
H=Inset #1	s=Shaft Dia...	Branch Diameter Type	Nominal
I=Offset #1	t=Handle	Branch Parts	2
J=Rotation #1	u=Rotation	Branch Type	Straight Branch
K=Extension ...	v=Angle	Branch Diameter Type	Nominal
L=Tap Diame...	w=Inset	Branch Parts	1
M=Tap Leng...	x=Tilt Angle	Branch Type	Straight Branch
N=Angle #2		Branch Diameter Type	Nominal
O=Inset #2		Branch Parts	1
P=Offset #2		Branch Type	Straight Branch
Q=Rotation #2		Branch Diameter Type	Nominal
R=Extension ...		Branch Parts	1
S=Tap Diame...		Hole Adjust	0.000
T=Tap Lengt...		Branch Allowance To Pipe	0.000
U=Angle #3		Shoe Seam Position	Throat
V=Inset #3		Branch Type	Straight Branch
W=Offset #3		Branch Diameter Type	Nominal
X=Rotation #3		Branch Parts	1
Y=Extension ...		Handle	Yes
Z=Tap Diame...		Handle Type	Square
a=Tap Lengt...		Diameter Adjust	0.000
b=Angle #4		Handle Inline with Body	No
c=Inset #4			
d=Offset #4			
e=Rotation #4			
f=Extension #4			
g=Tap Diame...			
h=Tap Lengt...			
i=Angle #5			
j=Inset #5			
k=Offset #5			

CID: 2155

Pipework

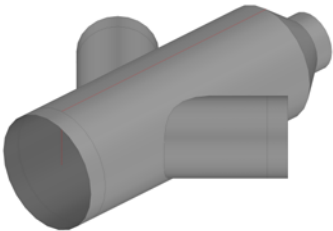


Dims	Options	
A=Diameter	Seam Position	0.000
B=Height	Top Number Of Segments	2
C=Top Radius	Bottom Number Of Segments	2
D=Top Angle	Single Segments	Yes
E=Top Extension	Diameter Type	Nominal
F=Bottom Radius	Marker Type	Notch
G=Bottom Angle	Angle Tolerance	0.000
H=Bottom Extension	Two Bends	No
I=Twist Angle	Top Number Of Segments	2
	Bottom Number Of Segments	2
	Item Pattern Length/Angle	Length

Damper:

CID: 2160

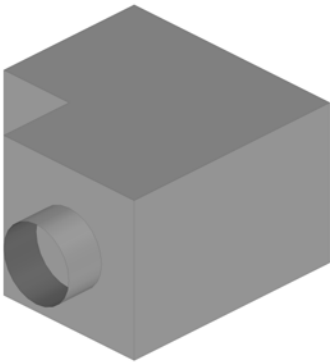
Pipework



Dims	Options	
A=Pipe Diameter	Pipe Parts	1
B=Right Diameter	Branch Parts	1
C=Pipe Length	First Break	0.000
D=Right Length	Second Break	0.000
E=Left Extension	Third Break	0.000
F=Right Extension	Seam Position	0.000
G=Tap Diameter #1	Pipe Diameter Type	Nominal
H=Tap Length #1	Branch Diameter Type	Nominal
I=Angle #1	Branch Diameter Type	Nominal
J=Inset #1	Hole Adjust	0.000
K=Offset #1	Branch Allowance To Pipe	0.000
L=Extension #1	Branch Seam Position	0.000
M=Tap Diameter #2	Throat Cut Back (Degrees)	0.000
N=Tap Length #2	Right Diameter Type	Nominal
O=Angle #2	Plate Border (Circumference)	0.000
P=Inset #2	Plate Type	Rectangular
Q=Offset #2	Estimated Diameter %age	Not Used
R=Rotation #2	Cut Back Allowance (%)	0.000
S=Extension #2	Use Pipe Seam For Branches	No
	Plate Border (Length)	Auto
	Inlet	1
	Outlet	2
	End Castle Width	0.000
	End Castle Angle	30.000
	Angle Tolerance	0.000

CID: 2182

Pipework



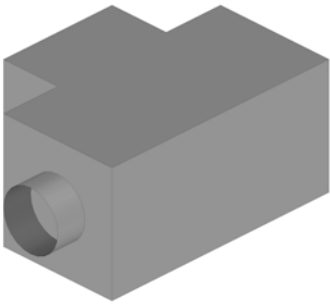
Dims	Options	
A=Depth	Lengths Include Extensions	No
B=Top Width	Inlet	1 C1
C=Top Length	Outlet	2 C2
D=Top Diameter	Connector 1	Top
E=Top Extension		
F=Left Width		
G=Left Length		
H=Left Diameter		
I=Left Extension		
J=Right Extension		
K=Bottom Extension		

Seams

Damper:

CID: 2183

Pipework

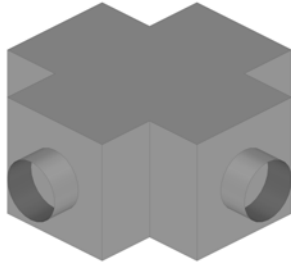


Dims	Options	
A=Depth	Lengths Include Extensions	No
B=Top Width	Inlet	1 C1
C=Top Length	Outlet	2 C2
D=Top Diameter	Connector 1	Top C3
E=Top Extension		
F=Left Width		
G=Left Length		
H=Left Diameter		
I=Left Extension		
J=Right Width		
K=Right Length		
L=Right Diameter		
M=Right Extension		
N=Bottom Extension		

Seams

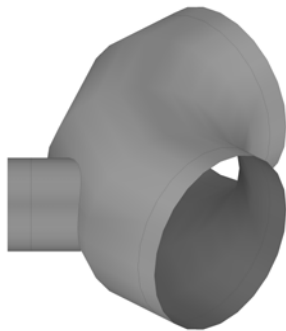
Damper:

Pipework



Damper:

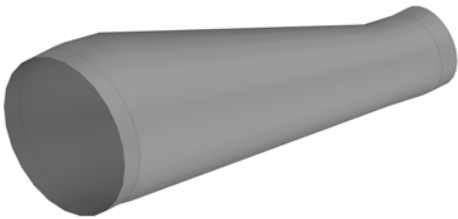
Pipework



Damper:

CID: 2386

Pipework

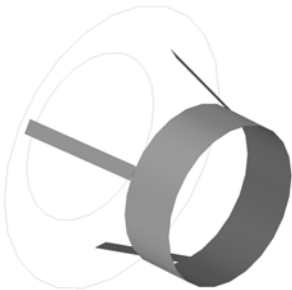


Dims	Options		
A=Left Diameter	Seam Position	0.000	Conn's
B=Right Diameter	Left Diameter Type	Nominal	C1
C=Length	Right Diameter Type	Nominal	C2
D=Offset	Girth Split	1	C3
E=Left Collar	Marker Type	Notch	
F=Right Collar	Seam Position	Angled	
G=Inner Radius	Stitch Gap	0.000	
	Number Of Stitches	4	
	Seam Cuts	Straight	
			Seams
			S1

Damper:
None
None

CID: 2388

Pipework



Dims	Options		
A=Outer Diameter	Number Of Struts	3	Conn's
B=Length	Allowance To Pipe	25.000	C1
C=Height	Allowance To Hood	25.000	
D=Pipe Diameter	Hole Diameter	0.000	
E=Pipe Length	Number Of Holes	0	
F=Inner Diameter	Hole Inset	0.000	
G=Inner Length	Strut Hole Width	0.000	
H=Hole Diameter	Strut Hole Length Adjust	0.000	
I=Angle	Insertion Point	Default	
J=Strut Width	Rotation	Default	Seams
			S1

Damper:

CID: 2522

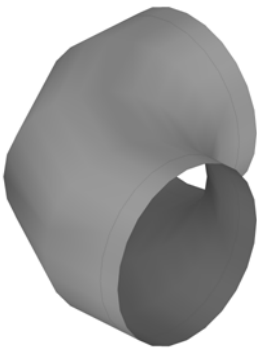
Pipework



Dims	Options		
A=Diameter	Sex Type	Male	Conn's
B=Collar	Number of Sides	0	C1
C=Length	Back Fillet	0.000	C2
D=Offset	Front Fillet	0.000	
E=Right Collar	Width	0.000	
F=Right Diameter	Depth	0.000	
	Height	0.000	
	Height	0.000	
	Width	0.000	
	Depth	0.000	Seams
	Quantity	2	S1
	Straight	Yes	
	Length	0.000	
	Angle	0.000	Damper:
	Chamfer	Auto	

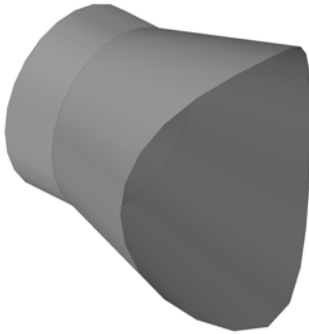
CID: 2523

Pipework



Dims	Options		
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Diameter Type	Nominal	C1
C=Angle	Angle Tolerance	0.000	C2
D=Bottom Extension	Mark Sides	No	C3
E=Top Extension	Leg Lengths	No	
	Fixing Holes On Extension	Yes	
	Square Outer Insulation	No	
	Outer Insulation Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	Seams
	Splitter Adjust	0.000	S1
	Splitter Shape	Angled	
	Splitter Type	Partial	
	Centreline Length With Extensi...	No	Damper:
	Inlet	2	None
	Outlet	3	None
	Item Volume	Segmented	

Pipework



CID: 2814

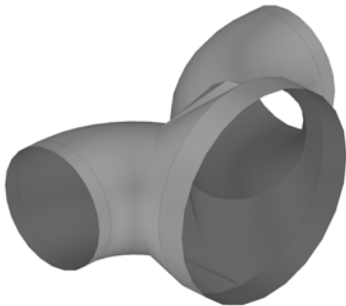
Pipework



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	First Break	0.000	C2
D=Right Extension	Second Break	0.000	C3
E=Tap Diameter	Third Break	0.000	C4
F=Tap Length	Seam Position	0.000	C5
G=Angle	Pipe Diameter Type	Nominal	C6
H=Inset	Branch Diameter Type	Nominal	
I=Offset	Branch Diameter Type	Nominal	
J=Rotation	Hole Adjust	0.000	Seams
K=Extension	Branch Allowance To Pipe	0.000	S1
L=Collar	Throat Cut Back (Degrees)	0.000	S2
M=Tap Diameter	Reducer Parts	1	S3
N=Tap Length	Branch Inset	Front	Damper:
O=Angle			
P=Inset			
Q=Offset			
R=Rotation			
S=Extension			
T=Collar			

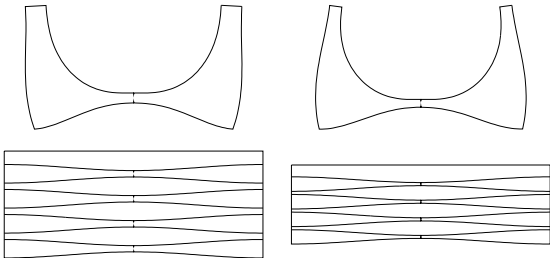
CID: 2821

Pipework



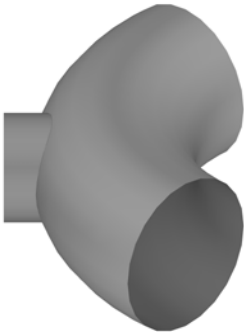
Dims		Options	
A=Bottom Diameter	Bottom Diameter Type	Nominal	Conn's
B=Right Diameter	Right Diameter Type	Nominal	C1
C=Left Diameter	Left Diameter Type	Nominal	C2
D=Right Radius	Number Of Segments	8	C3
E=Left Radius	Number Of Segments	8	C4
F=Right Ang	Inlet	1	C5
G=Left Angle	Outlet	2	C6
H=Bottom Extension			
I=Right Extension			
J=Left Extension			
		Seams	
		S1	

Damper:



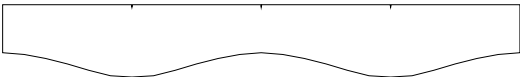
CID: 2857

Pipework



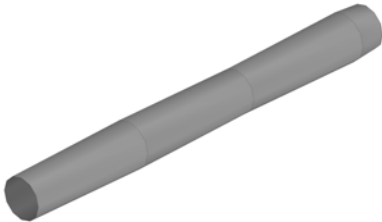
Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Center Radius	Branch Diameter Type	Nominal	C1
C=Tap Diameter	Rotation	Top	C2
D=Tap Length	Angle Tolerance	0.000	C3
E=Bottom Extension	Leg Lengths	No	
F=Top Extension			
G=Angle			
H=Rotation			
I=Bend Angle			
J=Inner Radius			
		Seams	

Damper:



CID: 2873

Pipework



Dims	Options		
A=Diameter	Spacing	50.000	Conn's
B=Length	Diameter Ratio	1.100	C1
C=Item Centerline Length	Max Length	0.000	C2
	Draw as Single Line	No	
	Number Of Round Sections	12	

Seams

Damper:

CID: 2875

Pipework



Dims	Options		
A=Pipe Diameter	Branch Parts	1	Conn's
B=Tap Diameter #1	First Break	0.000	C1
C=Tap Length #1	Second Break	0.000	C2
D=Angle #1	Third Break	0.000	C3
E=Offset #1	Pipe Diameter Type	Nominal	
F=Extension #1	Branch Diameter Type	Nominal	
	Branch Diameter Type	Nominal	
	Hole Adjust	0.000	
	Branch Allowance To Pipe	0.000	
	Branch Seam Position	0.000	Seams
	Throat Cut Back (Degrees)	0.000	S1
	Plate Border (Circumference)	0.000	S2
	Plate Type	Rectangular	
	Estimated Diameter %age	Not Used	
	Cut Back Allowance (%)	0.000	Damper: None
	Use Pipe Seam For Branches	No	None
	Plate Border (Length)	Auto	None
	End Castle Width	0.000	
	End Castle Angle	30.000	

CID: 2881

Pipework



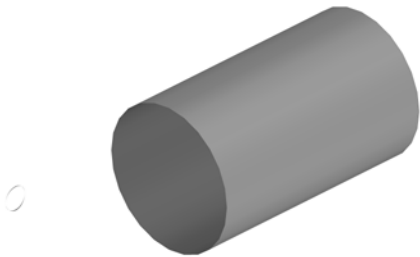
Dims		Options	
A=Pipe Diameter	Type	Supply	Conn's
B=Tap Diameter	Angle Tolerance	0.000	C1
C=Tap Length	Inlet	2	C2
D=Angle	Outlet	1	
E=Collar	Branch Centerline Length With ...	No	
	Number Of Segments	12	

Seams

Damper:

CID: 2882

Pipework



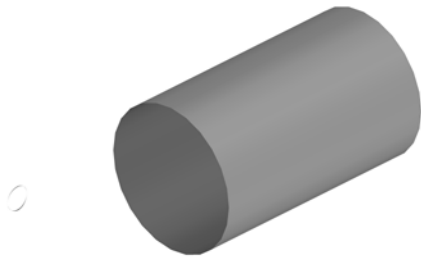
Dims		Options	
A=Pipe Diameter	Type	Supply	Conn's
B=Tap Diameter #1	Rotation	0.000	C1
C=Tap Length #1	Angle Tolerance	0.000	C2
D=Pipe Length	Inlet	2	C3
E=Inset #1	Outlet	3	C4
F=Left Collar	Number Of Segments	12	C5
G=Right Collar			
H=Angle #1			
I=Collar #1			
J=Tap Diameter #2			
K=Tap Length #2			
L=Branch Inset #2			
M=Collar #2			
N=Rotation #2			
O=Tap Diameter #3			
P=Tap Length #3			
Q=Branch Inset #3			
R=Collar #3			
S=Rotation #3			

Seams

Damper:

CID: 2883

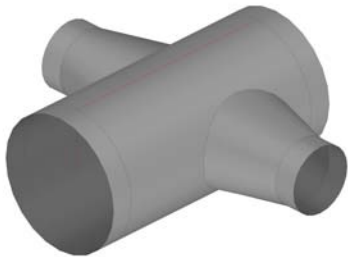
Pipework



Dims		Options	
A=Pipe Diameter	Type	Supply	Conn's
B=Tap Diameter #1	Rotation	0.000	C1
C=Tap Length #1	Angle Tolerance	0.000	C2
D=Pipe Length	Inlet	1	C3
E=Inset #1	Outlet	2	C4
F=Left Collar	Number Of Segments	12	C5
G=Right Collar			
H=Angle #1			
I=Collar #1			
J=Tap Diameter #2			Seams
K=Tap Length #2			
L=Branch Inset #2			
M=Collar #2			
N=Rotation #2			
O=Tap Diameter #3			Damper:
P=Tap Length #3			
Q=Branch Inset #3			
R=Collar #3			
S=Rotation #3			

CID: 2884

Pipework



Dims		Options	
A=Pipe Diameter	Pipe Parts	1	Conn's
B=Pipe Length	Branch Parts	1	C1
C=Left Extension	Pipe Seam Position	0.000	C2
D=Right Extension	First Break	0.000	C3
E=Tap Diameter #1	Second Break	0.000	C4
F=Hole Width #1	Third Break	0.000	
G=Hole Depth #1	Pipe Diameter Type	Nominal	
H=Tap Length #1	Branch Diameter Type	Nominal	
I=Angle #1	Hole Adjust	0.000	
J=Inset #1	Branch Allowance To Pipe	0.000	Seams
K=Offset #1	Branch Seam Position	0.000	S1
L=Rotation #1	Plate Border	0.000	S2
M=Collar #1	Plate Border (Width)	Equal	
N=Hole Offset #1	Plate Type	Rectangular	Damper:
O=Tap Diameter #2	Inlet	1	
P=Hole Width #2	Outlet	2	
Q=Hole Depth #2			
R=Tap Length #2			
S=Angle #2			
T=Inset #2			
U=Offset #2			
V=Rotation #2			
W=Collar #2			
X=Hole Offset #2			

CID: 2885

Pipework



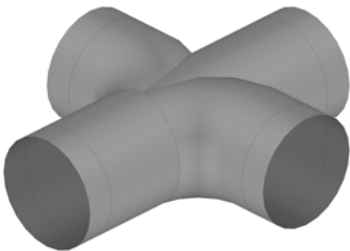
Dims		Options	
A=Pipe Diameter	Type	Supply	Conn's
B=Tap Diameter #1	Angle Tolerance	0.000	C1
C=Tap Length #1	Inlet	2	C2
D=Angle #1	Outlet	1	
E=Collar #1	Number Of Segments	12	

Seams

Damper:

CID: 2886

Pipework



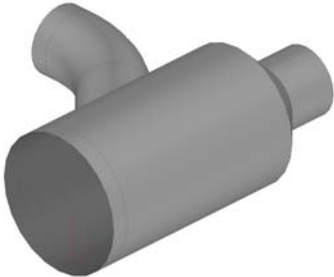
Dims		Options	
A=Pipe Diameter	Access Panel	No	Conn's
B=Pipe Length	Inlet	1	C1
C=Left Extension	Outlet	2	C2
D=Right Extension	Angle Tolerance	0.000	C3
E=Tap Diameter #1	Number Of Segments	Auto	C4
F=Tap Length #1	Debug DuctEnd	-1	
G=Branch Angle #1			
H=Branch Inset #1			
I=Branch Radius #1			
J=Branch Extension #1			
K=Branch Rotation #1			
L=Tap Diameter #2			
M=Tap Length #2			
N=Branch Angle #2			
O=Branch Inset #2			
P=Branch Radius #2			
Q=Branch Extension #2			
R=Branch Rotation #2			

Seams

Damper:

CID: 2899

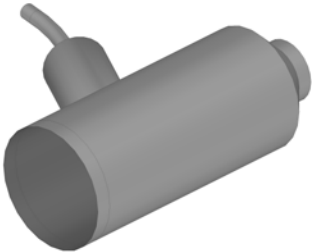
Pipework



Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Partial Length	Pipe Seam Position	180.000	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	C3
E=Tap Diameter	Second Break	0.000	C4
F=Branch Angle	Third Break	0.000	C5
G=Branch Inset	Branch Diameter Type	Nominal	
H=Bend Inset	Branch Seam Position	0.000	
I=Branch Height	Girth Split	1	
J=Bend Extension	Number Of Segments	8	Seams
K=End Reducer Diameter	Nest Break Start Segment	0	S1
L=End Reducer Length	Nest Break End Segment	0	S2
M=Branch Reducer Diameter	Marker Type	Notch	
N=Branch Reducer Length	Hole Adjust	0.000	Damper:
	Notch Angle For Seam	0	
	Stitch Gap	0.000	
	Number Of Stitches	4	
	Branch Allowance To Pipe	0.000	
	Inlet	1	
	Outlet	2	
	Angle Tolerance	0.000	

CID: 2900

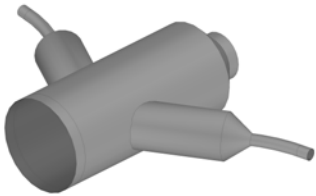
Pipework



Dims		Options	
A=Pipe Diameter	Diameter Type	Outside	Conn's
B=Partial Length	Number Of Segments	4	C1
C=Left Extension	Inlet	1	C2
D=Right Extension	Outlet	2	C3
E=Reducer Diameter	Angle Tolerance	0.000	
F=Reducer Length	Input	Partial Length	
G=Branch Reducer Diameter ...	Lengths Include Collars	Yes	
H=Branch Reducer Length #2			
I=Tap Diameter #2			
J=Tap Length #2			Seams
K=Branch Angle #2			
L=Branch Height #2			
M=Branch Inset #2			
N=Bend Inset #2			
O=Bend Radius #2			Damper:
P=Bend Angle #2			
Q=Bend Extension #2			

CID: 2901

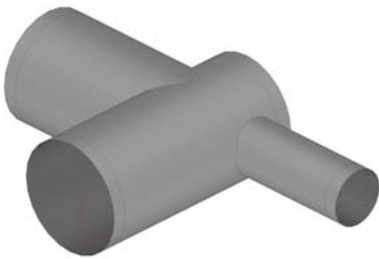
Pipework



Dims		Options	
A=Pipe Diameter	Diameter Type	Outside	Conn's
B=Partial Length	Number Of Segments	4	C1
C=Left Extension	Inlet	1	C2
D=Right Extension	Outlet	2	C3
E=Reducer Diameter	Angle Tolerance	0.000	C4
F=Reducer Length	Input	Partial Length	
G=Branch Reducer Diameter ...	Lengths Include Collars	Yes	
H=Branch Reducer Length #1			
I=Tap Diameter #1			
J=Tap Length #1			Seams
K=Branch Angle #1			
L=Branch Height #1			
M=Branch Inset #1			
N=Bend Inset #1			
O=Bend Radius #1			Damper:
P=Bend Angle #1			
Q=Bend Extension #1			
R=Branch Reducer Diameter ...			
S=Branch Reducer Length #2			
T=Tap Diameter #2			
U=Tap Length #2			
V=Branch Angle #2			
W=Branch Height #2			
X=Branch Inset #2			
Y=Bend Inset #2			
Z=Bend Radius #2			
a=Bend Angle #2			
b=Bend Extension #2			

CID: 2938

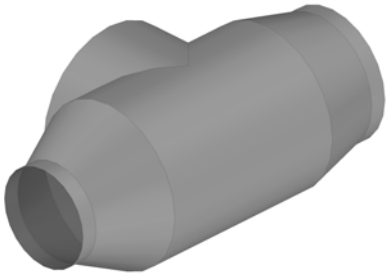
Pipework



Dims		Options	
A=Pipe Diameter	Pipe Diameter Type	Nominal	Conn's
B=Pipe Length	Pipe Seam Position	180.000	C1
C=Left Extension	Pipe Parts	1	C2
D=Right Extension	First Break	0.000	C3
E=Tap Diameter #1	Second Break	0.000	C4
F=Center Radius #1	Third Break	0.000	C5
G=Angle #1	Branch Diameter Type	Nominal	
H=Inset #1	Branch Seam Position	0.000	
I=Height #1	Girth Split	1	
J=Twist Angle #1	Number Of Segments	4	Seams
K=Extension #1	Nest Break Start Segment	0	S1
L=Tap Diameter #2	Nest Break End Segment	0	S2
M=Center Radius #2	Marker Type	Notch	
N=Angle #2	Hole Adjust	0.000	Damper:
O=Inset #2	Notch Angle For Seam	0	
P=Height #2	Stitch Gap	0.000	
Q=Twist Angle #2	Number Of Stitches	4	
R=Extension #2	Branch Allowance To Pipe	0.000	
	Correct Branch Insets	Yes	
	Insets To Branch End	No	
	Heights To Bend End	No	
	Inlet	1	
	Outlet	2	
	Angle Tolerance	0.000	

CID: 2965

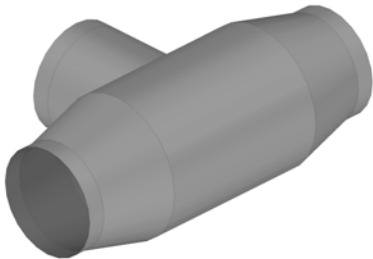
Pipework



Dims		Options	
A=Top Diameter	Inlet	1	Conn's
B=Top Extension	Outlet	2	C1
C=Left Diameter	Lengths Include Extensions	No	C2
D=Left Length	Body Diameter	Top Diameter	C3
E=Left Offset	Central	No	C4
F=Left Inset			C5
G=Left Extension			
H=Right Diameter			
I=Right Length			
J=Right Offset			
K=Right Inset			
L=Right Extension			
M=Left Collar			
N=Right Collar			
O=Body Diameter			
		Seams	
		S1	
		S2	
		S3	
		Damper:	

CID: 2966

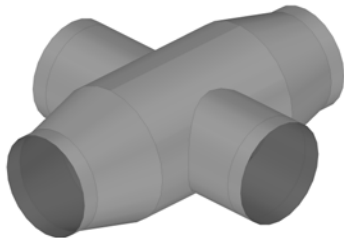
Pipework



Dims		Options	
A=Left Diameter	Lengths Include Collars	Yes	Conn's
B=Left Length	Inlet	2	C1
C=Left Reducer Length	Outlet	3	C2
D=Left Collar	Angle Tolerance	0.000	C3
E=Left Extension			C4
F=Right Diameter			
G=Right Length			
H=Right Reducer Length			
I=Right Collar			
J=Right Extension			
K=Body Diameter			
L=Tap Diameter			
M=Tap Length			
N=Branch Collar			
O=Branch Angle			
		Seams	
		Damper:	

CID: 2967

Pipework



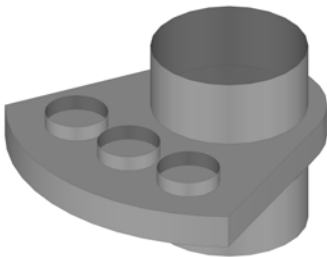
Dims		Options	
A=Left Diameter	Lengths Include Collars	Yes	Conn's
B=Left Length #1	Inlet	2	C1
C=Left Length #2	Outlet	3	C2
D=Left Reducer Length	Angle Tolerance	0.000	C3
E=Left Collar			C4
F=Left Extension			C5
G=Right Diameter			
H=Right Length			
I=Right Reducer Length			
J=Right Collar			
K=Right Extension			
L=Body Diameter			
M=Tap Diameter #1			
N=Tap Length #1			
O=Branch Collar #1			
P=Branch Angle #1			
Q=Tap Diameter #2			
R=Tap Length #2			
S=Branch Collar #2			
T=Branch Angle #2			

Seams

Damper:

CID: 2979

Pipework

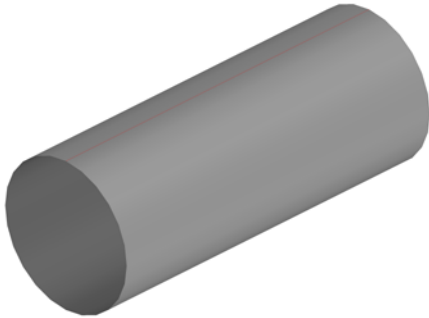


Dims		Options	
A=Diameter			Conn's
B=Distance			C1
C=Distance			C2
D=Radius			C3
E=Width			C4
F=Top Collar			C5
G=Bottom Collar			
H=Height			
I=Height			
J=Hole Diameter			
K=Hole Diameter			
L=Hole Diameter			
M=Distance			
N=Distance			
O=Distance			
P=Hole Angle			
Q=Hole Angle			
R=Hole Angle			
S=Height			

Seams

Damper:

Pipework



Pipework



Dims	Options		
A=Diameter	Seam Position	0.000	Conn's
B=Length	Diameter Type	Nominal	C1
C=Left Extension	Lengths Include Connector Adj...	No	C2
D=Right Extension	Pipe Parts	1	
	First Break	0.000	
	Second Break	0.000	
	Third Break	0.000	

Seams
S1

Damper:
None
None

Dims		Options	
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	C1
C=Length	Girth Split	1	C2
D=Left Extension	Length Break	1	
E=Right Extension	Estimated Diameter %age	Not Used	
F=Angle	Seam For Weathering	No	
	Input	Length	
	Length Includes Extensions	No	
	Auto Oversize	Normal	
	Graining Angle	90.000	Seams
			S1

Damper:
None
None

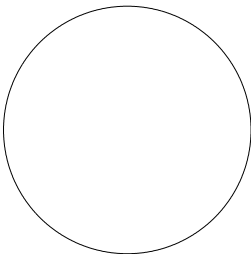
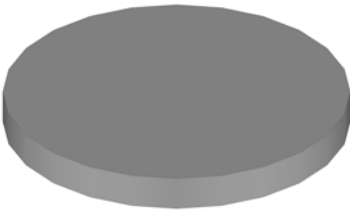
CID: 3060

Pipework

Dims	Options		
A=Diameter	Diameter Type	Nominal	Conn's
B=Collar			C1
C=Height			

Seams

Damper:



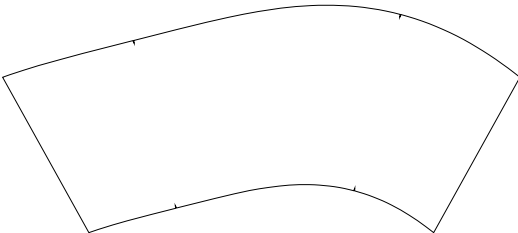
CID: 3071

Pipework

Dims	Options		
A=Diameter In	Diameter Type BE	Nominal	Conn's
B=Diameter Out	Diameter Type SE	Nominal	C1
C=Length	Girth Split	1	C2
D=Y-Offset	Seam Position	0.000	
E=Left Extension	Length Break	1	
F=Right Extension	Estimated Diameter %age	Not Used	
G=Round Angle	Marker Type	Notch	
	Length Includes Extensions	No	
	Graining Angle	90.000	
			Seams
			S1

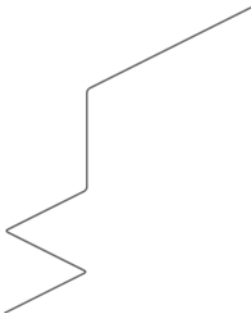
Damper:

None
None



CID: 3108

Pipework

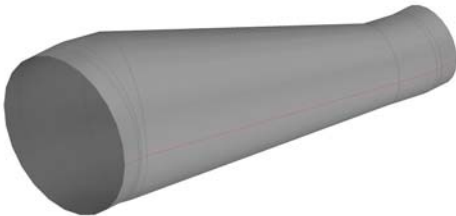


Dims		Options	
A=Diameter		Bend Radius	4.000
B=Length		Factor Type	Multiples Of Diameter
C=Lead Length		Max Length	0.000
D=Straight 1 Start->Straight ...		Number Of Round Sections	12
E=Straight 1 Start->Bend 1 C...		Length	Auto
F=Bend 1 X Angle		Length Adjust	0.000
G=Bend 1 Y Angle		Number Of Segments	Auto
H=Straight 2 Start->Straight ...		Straight Annotation	Up
I=Bend 1 Center->Bend 2 Ce...		Bend Annotation	Front
J=Bend 2 X Angle		Allowance	Default
K=Bend 2 Y Angle			
L=Straight 3 Start->Straight 3...			
M=Bend 2 Center->Bend 3 C...			
N=Bend 3 X Angle			
O=Bend 3 Y Angle			
P=Straight 4 Start->Straight 4...			
Q=Bend 3 Center->Bend 4 C...			
R=Bend 4 X Angle			
S=Bend 4 Y Angle			
T=Straight 5 Start->Straight 5...			
U=Bend 4 Center->Straight 5...			

Damper:

CID: 3386

Pipework



Dims		Options	
A=Left Diameter		Seam Position	0.000
B=Right Diameter		Left Diameter Type	Nominal
C=Length		Right Diameter Type	Nominal
D=Offset		Girth Split	1
E=Left Collar		Marker Type	Notch
F=Right Collar		Seam Position	Angled
G=Inner Radius		Stitch Gap	0.000
		Number Of Stitches	4
		Seam Cuts	Straight

Damper:

None
None

CID: 3522

Pipework



Dims	Options		
A=Diameter	Sex Type	Male	Conn's
B=Collar	Number of Sides	0	C1
C=Length	Back Fillet	0.000	C2
D=Offset	Front Fillet	0.000	
E=Right Collar	Width	0.000	
F=Right Diameter	Depth	0.000	
	Height	0.000	
	Height	0.000	
	Width	0.000	
	Depth	0.000	Seams
	Quantity	2	S1
	Straight	Yes	
	Length	0.000	
	Angle	0.000	
	Chamfer	Auto	Damper:

CID: 3523

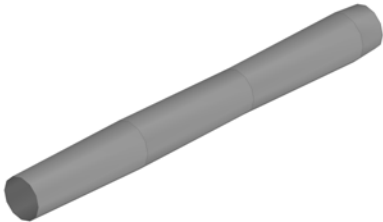
Pipework



Dims	Options		
A=Diameter	Number Of Segments	4	Conn's
B=Inner Radius	Diameter Type	Nominal	C1
C=Angle	Angle Tolerance	0.000	C2
D=Bottom Extension	Mark Sides	No	C3
E=Top Extension	Leg Lengths	No	
	Fixing Holes On Extension	Yes	
	Square Outer Insulation	No	
	Outer Insulation Extensions	No	
	Splitters	0	
	Splitter Radius	Auto	Seams
	Splitter Adjust	0.000	S1
	Splitter Shape	Angled	
	Splitter Type	Partial	
	Item Volume	Segmented	Damper:
			None
			None

CID: 3873

Pipework



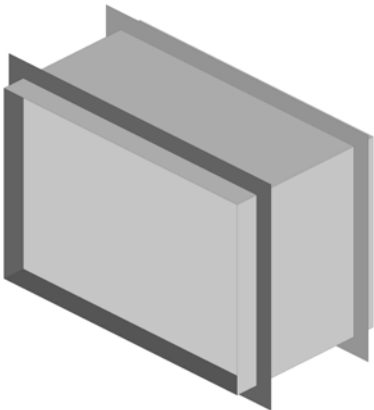
Dims	Options		
A=Diameter	Spacing	50.000	Conn's
B=Length	Diameter Ratio	1.100	C1
C=Item Centerline Length	Max Length	0.000	C2
	Draw as Single Line	No	
	Number Of Round Sections	12	

Seams

Damper:

CID: 4522

Rectangular



Dims	Options		
A=Width	Sex Type	Male	Conn's
B=Depth	Type	Auto	C1
C=Length	Open Top/Sides	No	C2
D=Extension	Pattern	None	
E=Right Extension			
F=Wire X Spacing			
G=Wire Y Spacing			

Seams

Damper: