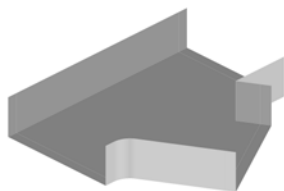


Pattern: 870

Electrical/Equipment



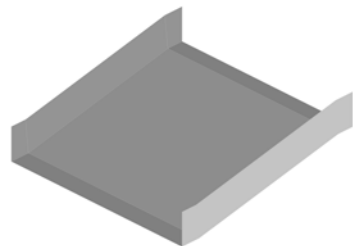
Dims	Options	Conn's
A=Left Width	Type=Tray	C1=None
B=Depth	Throat Type=Radius	C2=None
C=Right Width	Riser Type=Outside	C3=None
D=Branch Width	Pattern=No	
E=Length	Type=Left	
F=Branch Length	Inlet=1	
G=Left Extension	Outlet=2	
H=Right Extension	Riser=No	
I=Branch Extension		
J=Inner Radius		
K=Angle		
L=Inset		
M=Offset		

Seams

Damper:

Pattern: 872

Electrical/Equipment



Dims	Options	Conn's
A=Width	Type=Tray	C1=None
B=Depth	Base Depth=0.000	C2=None
C=Length	Use Spacing=No	
D=Offset	Double=No	
E=Left Extension		
F=Right Extension		
G=Wire Diameter		
H=Wire X Spacing		
I=Wire Y Spacing		

Seams

Damper:

Pattern: 877

Electrical/Equipment



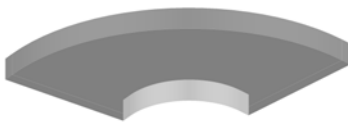
Dims	Options	Conn's
A=Width	Type=Tray	C1=None
B=Depth	Pattern=No	C2=None
C=Length	X Size=0.000	
D=Rail Width	Y Size=0.000	
E=Rung Width	Base Depth=0.000	
F=Rung Depth	Use Spacing=No	
G=Rung Height	Rotate=No	
H=Rung Spacing	Oversized Item=No	
I=Wire Diameter	Develop=No	
J=Wire X Spacing		
K=Wire Y Spacing		

Seams

Damper:

Pattern: 878

Electrical/Equipment



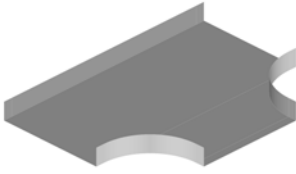
Dims	Options	Conn's
A=Width	Rungs=3	C1=None
B=Depth	Type=Tray	C2=None
C=Angle	Throat Type=Radius	C3=None
D=Inner Radius	Heel Type=Radius	
E=Extension	Base Depth=0.000	
F=Rail Width	Use Spacing=No	
G=Rung Width	Double=No	
H=Rung Depth	Pattern=No	
I=Rung Height	Inlet=1	
J=Rung Inset	Outlet=2	
K=Wire Diameter	Auto Mirror=Yes	
L=Wire X Spacing	X Size=0.000	
M=Wire Y Spacing	Y Size=0.000	
N=Bottom Extension		

Seams

Damper:

Pattern: 879

Electrical/Equipment

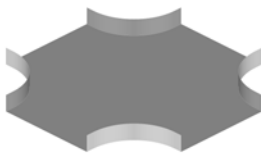


Dims	Options	Conn's
A=Width	Type=Tray	C1=None
B=Depth	Throat Type=Radius	C2=None
C=Branch Width	Pattern=No	C3=None
D=Inner Radius	X Size=0.000	C4=None
E=Right Extension	Y Size=0.000	
F=Rail Width	Inlet=1	
G=Rung Width	Outlet=2	
H=Rung Depth	Double=No	
I=Rung Offset	Oversized Item=No	
J=Rung Inset		
K=Wire Diameter		Seams
L=Wire X Spacing		
M=Wire Y Spacing		
N=Bottom Extension		
O=Left Extension		
P=Branch Wire Spacing		

Damper:

Pattern: 880

Electrical/Equipment

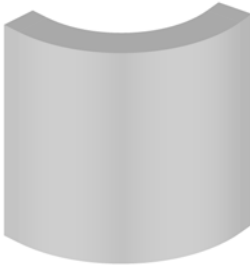


Dims	Options	Conn's
A=Width	Throat Type=Radius	C1=None
B=Depth	Type=Tray	C2=None
C=Radius	Pattern=No	C3=None
D=Extension	X Size=0.000	C4=None
E=Rail Width	Y Size=0.000	
F=Rung Width		
G=Rung Depth		
H=Rung Height		
I=Rung Inset		
J=Wire Diameter		
K=Wire X Spacing		Seams
L=Wire Y Spacing		

Damper:

Pattern: 900

Electrical/Equipment



Dims	Options	Conn's
A=Width	Rungs=3	C1=None
B=Depth	Type=Tray	C2=None
C=Angle	Type=Inside Riser	
D=Nominal Radius	Angle=No	
E=Extension	Pattern=No	
F=Rail Width	Auto Mirror=Yes	
G=Rung Width	Throat Type=Radius	
H=Rung Depth		
I=Rung Height		
J=Rung Inset		
K=Bottom Extension		
L=Wire Y Spacing		
M=Wire X Spacing		

Seams

Damper:

Pattern: 901

Electrical/Equipment



Dims	Options	Conn's
A=Bottom Width	Offset Width=Central	C1=None
B=Bottom Depth	Type=Tray	C2=None
C=Top Width	Angle=Yes	
D=Top Depth	Pattern=No	
E=Angle	X Size=0.000	
F=Length	Y Size=0.000	
G=Extension	Base Depth=0.000	
H=Rail Width	Use Spacing=No	
I=Rung Width	Oversized Item=No	
J=Rung Depth	Offset Depth=Default	
K=Rung Height		
L=Rung Inset		
M=Wire Diameter		
N=Wire X Spacing		
O=Wire Y Spacing		

Seams

Damper:

Pattern: 905

Electrical/Equipment



Dims	Options	Conn's
A=Width	Type=Tray	C1=None
B=Depth	Throat Type=Radius	C2=None
C=Branch Width	Type=Outside	C3=None
D=Inner Radius	Pattern=No	C4=None
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		
K=Wire Diameter		Seams
L=Wire X Spacing		
M=Wire Y Spacing		
N=Bottom Extension		
O=Left Extension		
P=Branch Wire Spacing		
		Damper:

Pattern: 909

Electrical/Equipment



Dims	Options	Conn's
A=Width	Type=Tray	C1=None
B=Depth	Base Depth=0.000	C2=None
C=Length	Use Spacing=No	
D=Offset	Oversized Item=No	
E=Left Extension		
F=Right Extension		
G=Wire Diameter		
H=Wire X Spacing		
I=Wire Y Spacing		
		Seams
		Damper:

Pattern: 979

Electrical



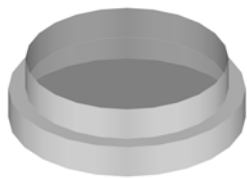
Dims	Options	Conn's
A=Width	Type=Left	C1=None
B=Depth	Pattern=None	C2=None
C=Left Extension	Inlet=1	
D=Right Extension	Outlet=2	
E=Offset Width		
F=Wire Y Spacing		
G=Wire X Spacing		

Seams

Damper:

Pattern: 984

Electrical/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams

S1=None

Damper:

Pattern: 1197

Electrical/Equipment



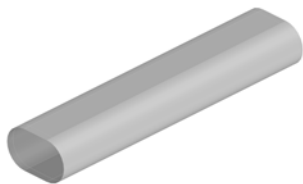
Dims	Options	Conn's
A=Width In	Type=Elbow Left Front	C1=None
B=Depth In	Pattern=None	C2=None
C=Width Out		
D=Depth Out		
E=Length In		
F=Mid Length		
G=Length Out		
H=Extension In		
I=Extension Out		
J=Width Out		
K=Depth Out		
L=Top Edge		
M=Bottom Edge		
N=Front Edge		
O=Back Edge		

Seams
S1=None

Damper:

Pattern: 101

Flat Oval



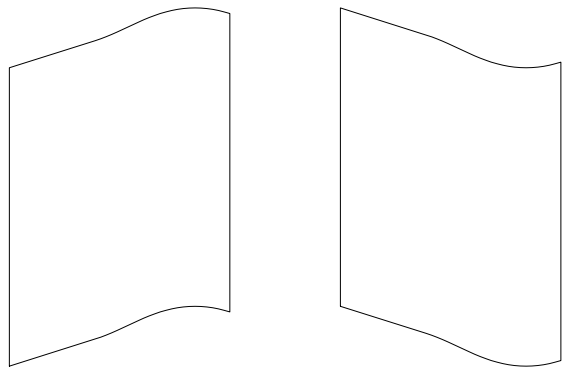
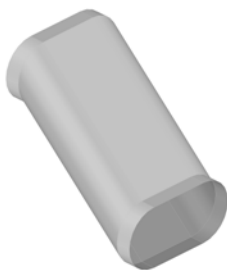
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Seam Position=Corner	C2=None
C=Length	Diameter Type=Nominal	
D=Left Extension	Duct Length=(inch)	
E=Right Extension		

Seams
S1=None

Damper:

Pattern: 102

Flat Oval



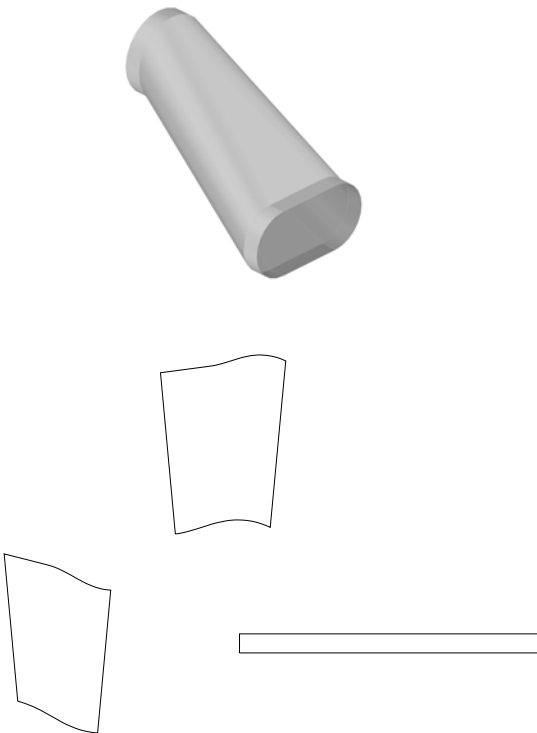
Dims	Options	Conn's
A=Major Axis	Diameter Type BE=Nominal	C1=None
B=Minor Axis	Diameter Type SE=Nominal	C2=None
C=Major Axis	Same Seams On Each Part=No	
D=Minor Axis		
E=Length		
F=Offset Width		
G=Offset Depth		
H=Collar		
I=Collar		

Seams
S1=None

Damper:

Pattern: 103

Round/Flat Oval



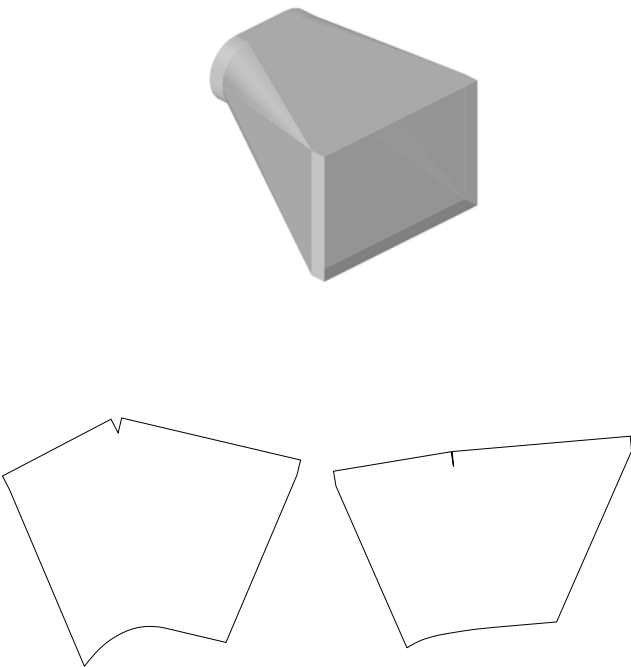
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type BE=Nominal	C2=None
C=Diameter	Diameter Type SE=Nominal	
D=Length	Seam Position=Corner	
E=Offset Width	Inlet=1	
F=Offset Depth	Outlet=2	
G=Oval Collar	Same Seams On Each Part=No	
H=Round Collar		

Seams
S1=None

Damper:

Pattern: 104

Rectangular/Flat Oval



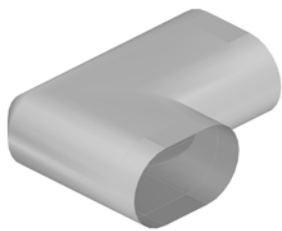
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Oval Width	Marker Type=Notch	
D=Oval Depth	Offset Width=Left In	
E=Length	Offset Depth=Bottom Up	
F=Offset Width	Seam Position=Corner	
G=Offset Depth	Inlet=1	
H=Rect Extension	Outlet=2	
I=Collar	Same Seams On Each Part=No	

Seams
S1=None

Damper:

Pattern: 105

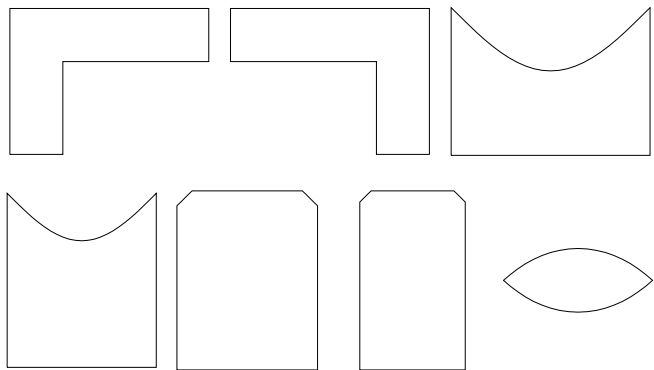
Flat Oval



Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Splitters=0	C2=None
C=Corner Radius	Splitter Radius=Auto	C3=None
D=Bottom Extension	Splitter Adjust=0.000	
E=Right Extension	Inlet=2	
F=Bottom Collar	Outlet=3	
G=Right Collar		

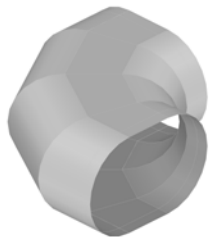
Seams
S1=None

Damper:



Pattern: 106

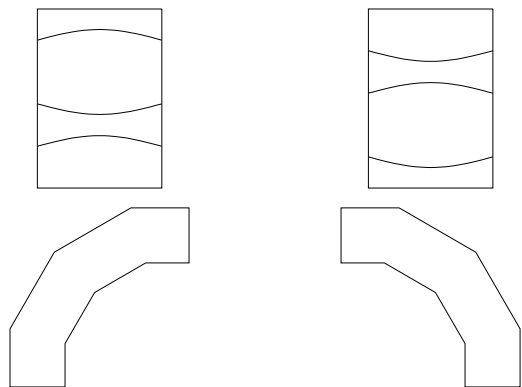
Flat Oval



Dims	Options	Conn's
A=Width	Number Of Segments=4	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Inner Radius	Nest Break Start Segment=0	C3=None
D=Angle	Nest Break End Segment=0	
E=Bottom Extension	Notch Angle For Seam=0	
F=Top Extension	Leg Lengths=No	
	Length Includes Extensions=No	
	Splitters=0	
	Splitter Adjust=0.000	
	Splitter Shape=Angled	

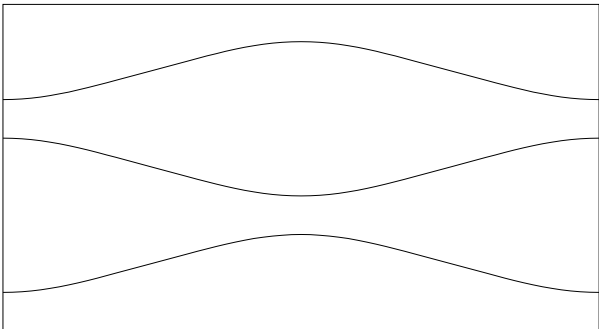
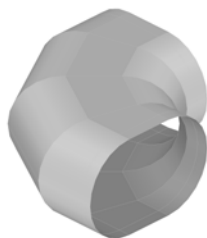
Seams
S1=None
S2=None

Damper:



Pattern: 107

Flat Oval



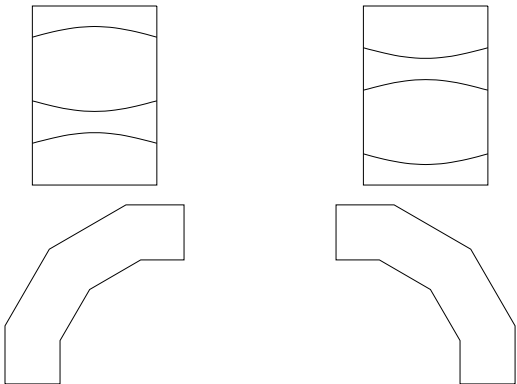
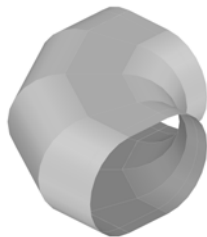
Dims	Options	Conn's
A=Width	Number Of Segments=4	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Inner Radius	Seam Position=Throat	C3=None
D=Angle	Single Segments=No	
E=Bottom Extension	Nest Break Start Segment=0	
F=Top Extension	Nest Break End Segment=0	
	Cross Break=1	
	Notch Angle For Seam=0	
	Leg Lengths=No	
	Length Includes Extensions=No	
	Splitters=0	
	Splitter Adjust=0.000	
	Splitter Shape=Angled	
	Automatic Nest Break If Oversize=No	

Seams
S1=None
S2=None

Damper:

Pattern: 108

Flat Oval



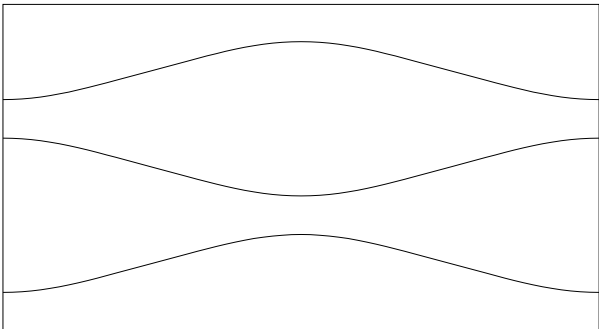
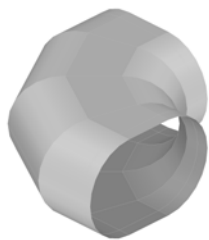
Dims	Options	Conn's
A=Width	Number Of Segments=4	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Inner Radius	Nest Break Start Segment=0	C3=None
D=Angle	Nest Break End Segment=0	
E=Bottom Extension	Notch Angle For Seam=0	
F=Top Extension	Leg Lengths=No	
	Length Includes Extensions=No	

Seams
S1=None
S2=None

Damper:

Pattern: 109

Flat Oval



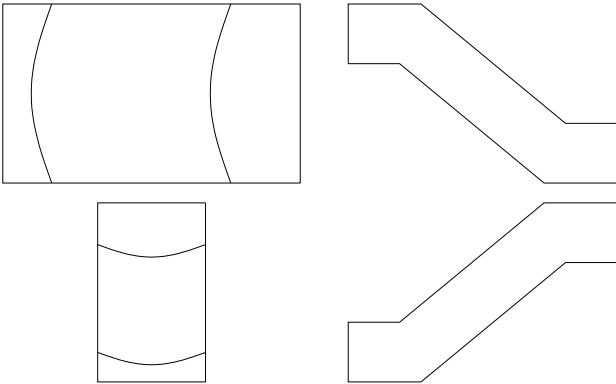
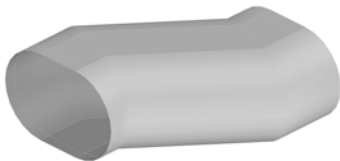
Dims	Options	Conn's
A=Width	Number Of Segments=4	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Inner Radius	Seam Position=Throat	C3=None
D=Angle	Single Segments=No	
E=Bottom Extension	Nest Break Start Segment=0	
F=Top Extension	Nest Break End Segment=0	
	Cross Break=1	
	Notch Angle For Seam=0	
	Leg Lengths=No	
	Length Includes Extensions=No	

Seams
S1=None
S2=None

Damper:

Pattern: 110

Flat Oval



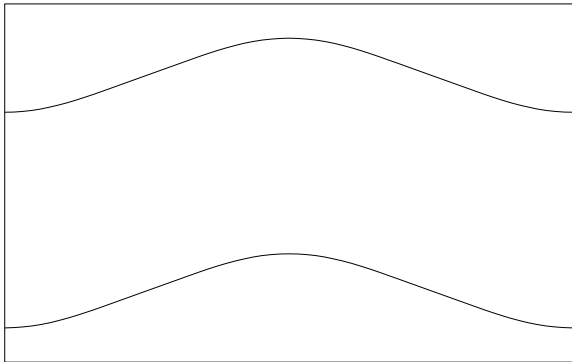
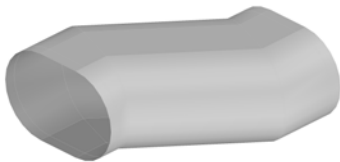
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth		C2=None
C=Length		C3=None
D=Offset Width		
E=Left Extension		
F=Right Extension		
G=Left Collar		
H=Right Collar		
I=Offset Depth		

Seams
S1=None

Damper:

Pattern: 111

Flat Oval



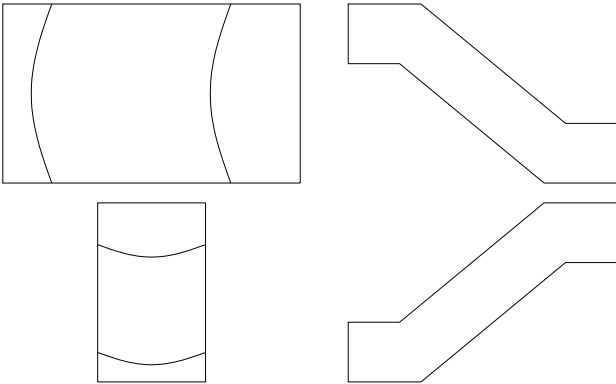
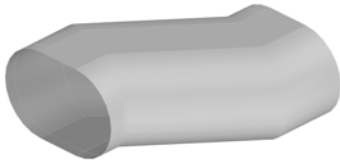
Dims	Options	Conn's
A=Width	Seam Position=Bottom	C1=None
B=Depth	Single Segments=No	C2=None
C=Length	Diameter Type=Nominal	C3=None
D=Offset Width	Cross Break=1	
E=Left Extension	Automatic Nest Break If Oversize=No	
F=Right Extension		
G=Left Collar		
H=Right Collar		
I=Offset Depth		

Seams
S1=None

Damper:

Pattern: 112

Flat Oval



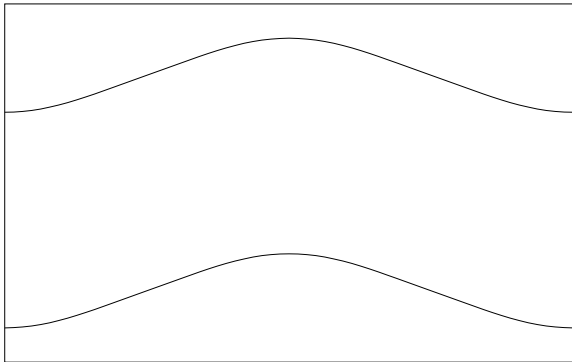
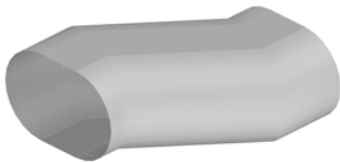
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Marker Notches On Easy Flats=No	C2=None
C=Length		C3=None
D=Offset Width		
E=Left Extension		
F=Right Extension		
G=Left Collar		
H=Right Collar		
I=Offset Depth		

Seams
S1=None

Damper:

Pattern: 113

Flat Oval



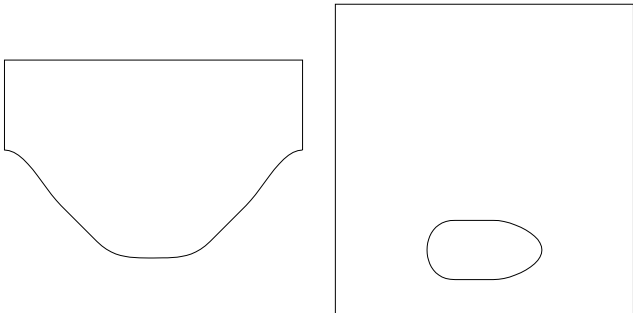
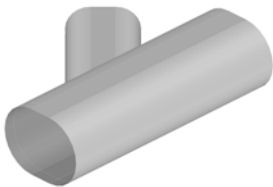
Dims	Options	Conn's
A=Width	Seam Position=Bottom	C1=None
B=Depth	Single Segments=No	C2=None
C=Length	Diameter Type=Nominal	C3=None
D=Offset Width	Cross Break=1	
E=Left Extension		
F=Right Extension		
G=Left Collar		
H=Right Collar		
I=Offset Depth		

Seams
S1=None

Damper:

Pattern: 114

Flat Oval



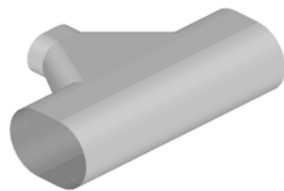
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	
E=Right Extension	Seam Position=0.000	
F=Branch Width #1	Branch Allowance To Pipe=0.000	
G=Branch Depth #1	True Oval Straight=No	
H=Branch Length #1		
I=Angle #1		
J=Inset #1		
K=Offset #1		
L=Extension #1		

Seams
S1=None
S2=None

Damper:

Pattern: 115

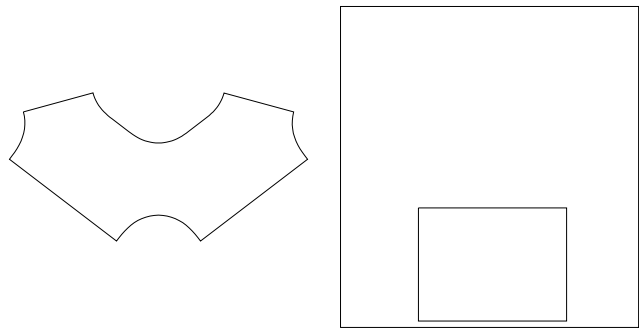
Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=0.000	C3=None
D=Left Extension	Pipe Diameter Type=Nominal	
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=Branch Length	Hole Adjust=0.000	
I=Angle	Add Collars To Body=No	
J=Angle		
K=Inset		
L=Collar		

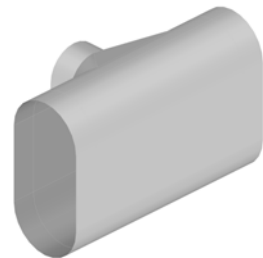
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 116

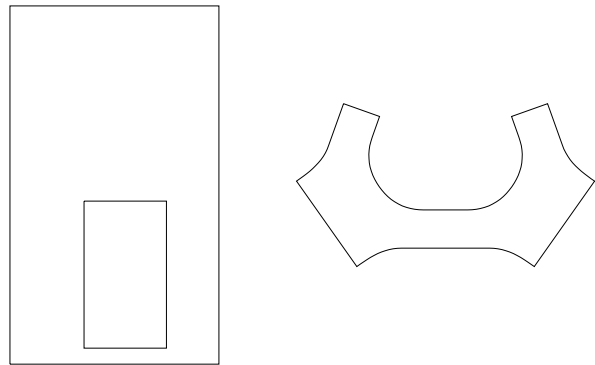
Flat Oval



Dims	Options	Conn's
A=Minor Axis	Pipe Parts=1	C1=None
B=Major Axis	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=0.000	C3=None
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=Branch Length	Hole Adjust=0.000	
I=Angle		
J=Angle		
K=Inset		
L=Collar		

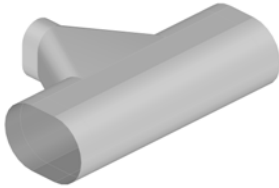
Seams
S1=None
S2=None

Damper:



Pattern: 117

Flat Oval

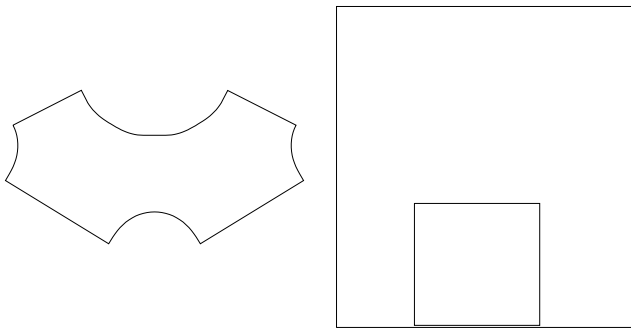


Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=0.000	C3=None
D=Left Extension	Pipe Diameter Type=Nominal	
E=Right Extension	Branch Diameter Type=Nominal	
F=Minor Axis	Round Allowance To Pipe=0.000	
G=Major Axis	Flat Allowance To Pipe=0.000	
H=Branch Length	Hole Adjust=0.000	
I=Angle		
J=Angle		
K=Inset		
L=Collar		

Seams

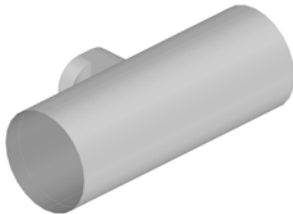
S1=None
S2=None
S3=None

Damper:



Pattern: 118

Flat Oval

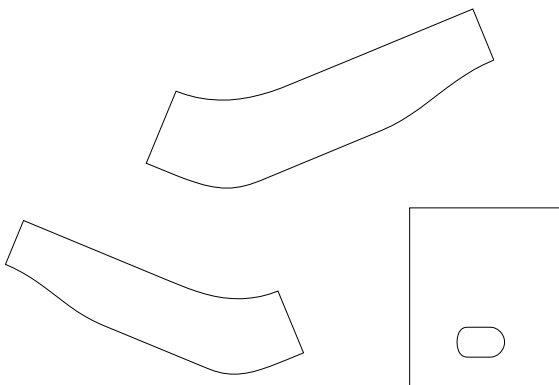


Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	
E=Right Extension	Branch Allowance To Pipe=0.000	
F=Major Axis #1	Branch Diameter Type=Nominal	
G=Minor Axis #1	Branch Parts=2	
H=Branch Length #1	Plate Border=0.000	
I=Angle #1	Plate Type=Rectangular	
J=Inset #1	Sides=Yes	
K=Offset #1	Branch Seam Position=0.000	
L=Rotation #1	Branch Only=No	
M=Collar #1	Allow Branches On Flats=No	

Seams

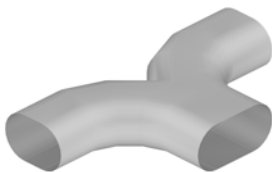
S1=None
S2=None

Damper:



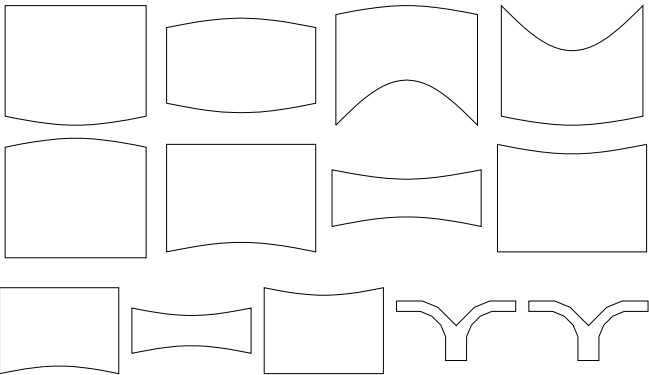
Pattern: 119

Flat Oval



Dims	Options	Conn's
A=Btm Width	Diameter Type=Nominal	C1=None
B=Depth	Add Collars To Body=Yes	C2=None
C=Top Diameter		C3=None
D=Inner Radius		C4=None
E=Bottom Extension		
F=Left Extension		
G=Right Extension		
H=Bottom Collar		
I=Left Collar		
J=Right Collar		

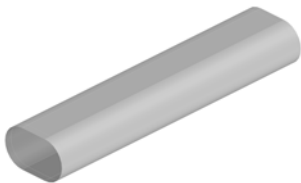
Seams
S1=None



Damper:

Pattern: 120

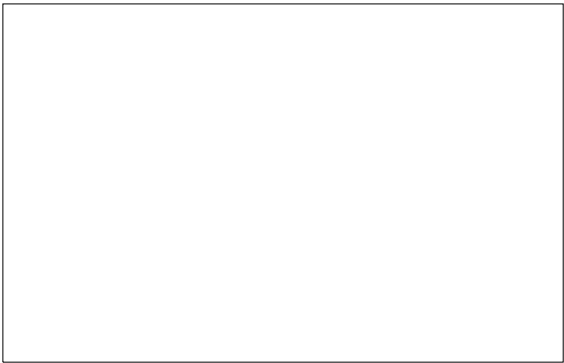
Flat Oval



Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Duct Length=(inch)	C2=None
C=Length	Area Adjust (%)=0.000	
D=Left Extension		
E=Right Extension		

Seams
S1=None

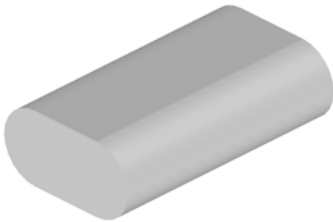
Damper:



Pattern: 121

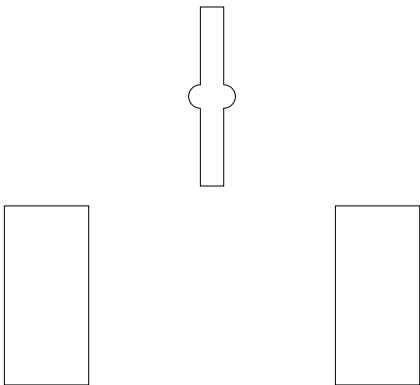
Flat Oval

Dims		Options	Conn's
A=Width	B=Depth	Collar=2 Parts	C1=None
C=Turnover		Diameter Type=Nominal	
		Turnover Allowance=0.000	



Seams

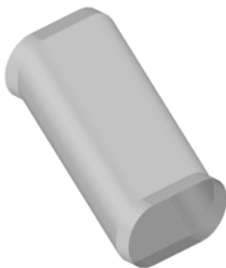
Damper:



Pattern: 122

Flat Oval

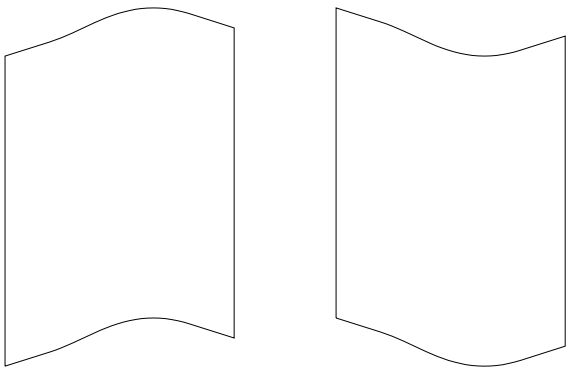
Dims	Options	Conn's
A=Major Axis	Diameter Type BE=Nominal	C1=None
B=Minor Axis	Diameter Type SE=Nominal	C2=None
C=Major Axis	Same Seams On Each Part=No	
D=Minor Axis		
E=Length		
F=Offset Width		
G=Offset Depth		
H=Collar		
I=Collar		



Seams

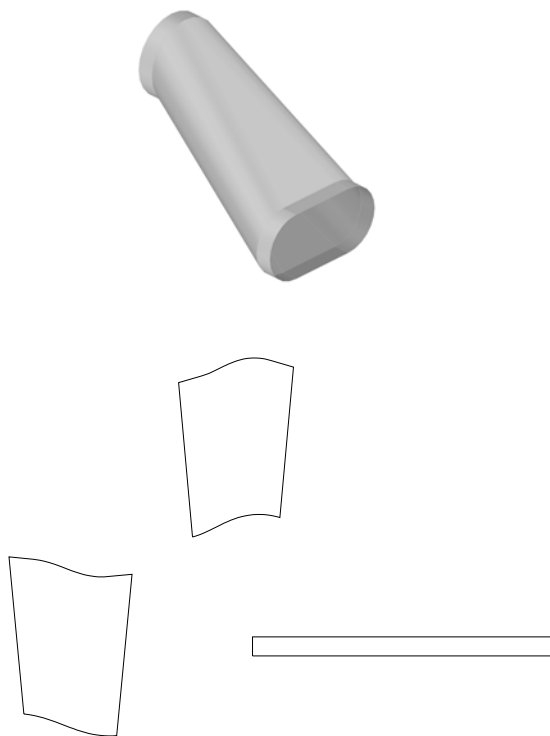
S1=None

Damper:



Pattern: 123

Round/Flat Oval



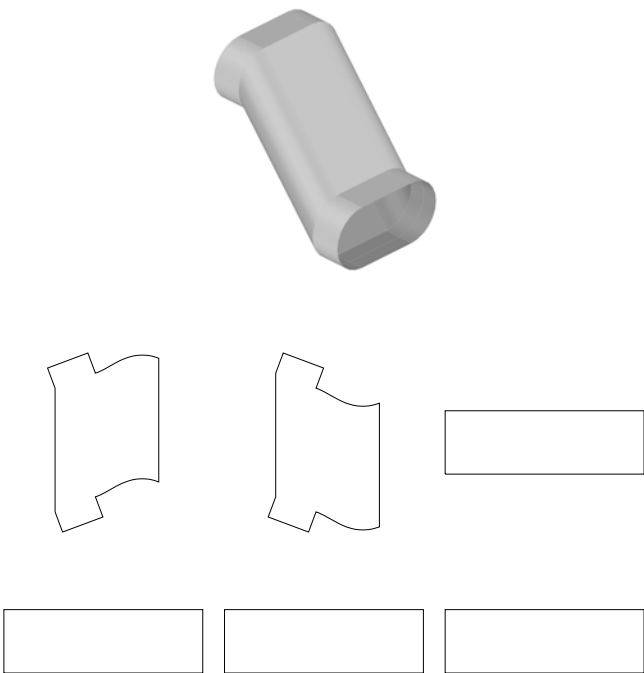
Dims	Options	Conn's
A=Width	Diameter Type BE=Nominal	C1=None
B=Depth	Diameter Type SE=Nominal	C2=None
C=Diameter	Seam Position=Major Axis	
D=Length	Inlet=1	
E=Offset Width	Outlet=2	
F=Offset Depth	Same Seams On Each Part=No	
G=Oval Collar		
H=Round Collar		

Seams
S1=None

Damper:

Pattern: 132

Flat Oval



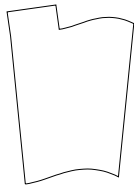
Dims	Options	Conn's
A=Major Axis	Cross Break=2	C1=None
B=Minor Axis	Diameter Type BE=Nominal	C2=None
C=Major Axis	Diameter Type SE=Nominal	
D=Minor Axis	Collar Arcs - Lap=0.000	
E=Length	Collar Arcs - Allowance=0.000	
F=Offset Width	Same Seams On Each Part=No	
G=Offset Depth	Oval Half Collar=Yes	
H=Extension In		
I=Extension Out		
J=Collar		
K=Collar		

Seams
S1=None

Damper:

Pattern: 133

Round/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type BE=Nominal	C2=None
C=Diameter	Diameter Type SE=Nominal	
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	

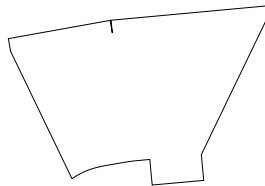
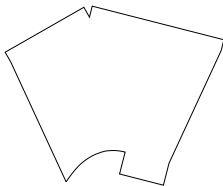
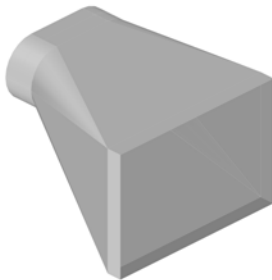
Seams

S1=None

Damper:

Pattern: 134

Rectangular/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Oval Width	Marker Type=Notch	
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	
	Same Seams On Each Part=No	
	Oval Half Collar=Yes	

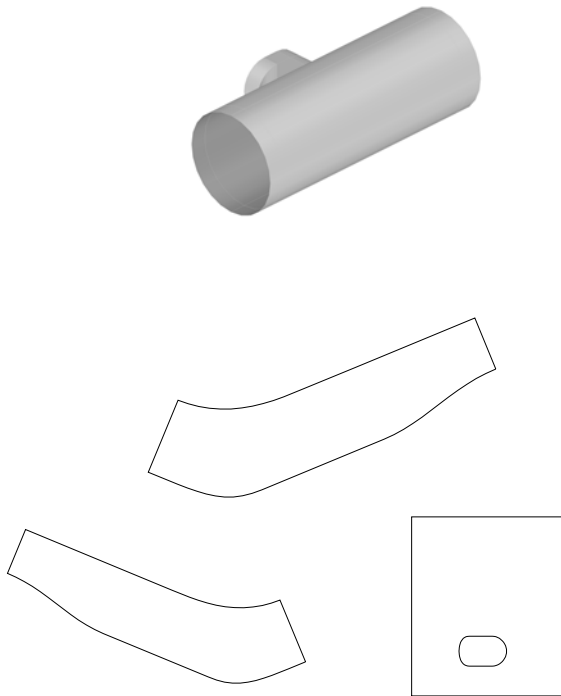
Seams

S1=None

Damper:

Pattern: 135

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	
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=Branch Length #1	Plate Border=0.000	
I=Angle #1	Plate Type=Rectangular	
J=Inset #1	Branch Seam Position=0.000	
K=Offset #1	Collar Arcs - Lap=0.000	
L=Rotation #1	Collar Arcs - Allowance=0.000	
M=Collar #1	Branch Only=No	
N=Oval Half Extension	Branch Seam Position=All	
	Same Seams On Each Part=No	
	Allow Branches On Flats=No	

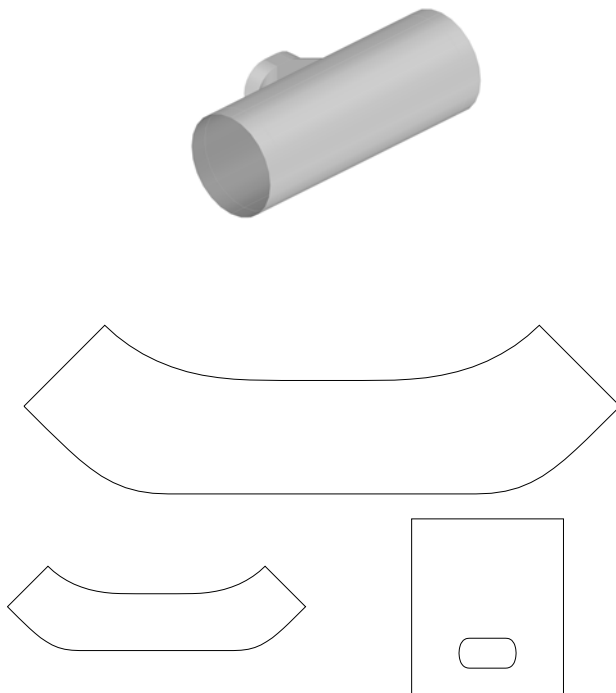
Seams

S1=None
S2=None

Damper:

Pattern: 136

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	
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=Branch Length #1	Plate Border=0.000	
I=Angle #1	Plate Type=Rectangular	
J=Inset #1	Branch Seam Position=0.000	
K=Offset #1	Collar Arcs - Lap=0.000	
L=Rotation #1	Collar Arcs - Allowance=0.000	
M=Collar #1	Branch Only=No	
N=Oval Half Extension	Branch Seam Position=All	
	Same Seams On Each Part=No	

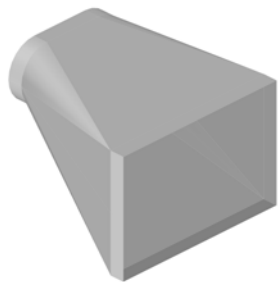
Seams

S1=None
S2=None

Damper:

Pattern: 137

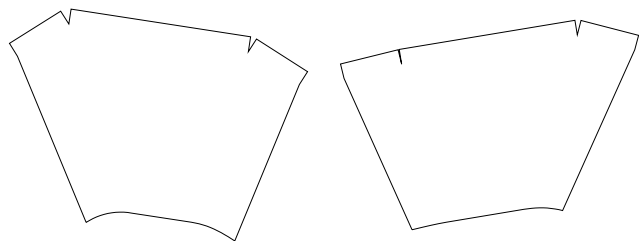
Rectangular/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Oval Width	Marker Type=Notch	
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	

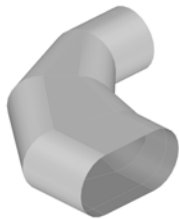
Seams
S1=None

Damper:



Pattern: 139

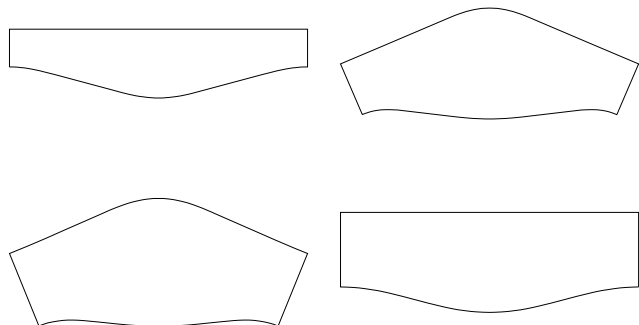
Flat Oval



Dims	Options	Conn's
A=Btm Width	Number Of Segments=4	C1=None
B=Btm Depth	Bottom Diameter Type=Nominal	C2=None
C=Top Width	Top Diameter Type=Nominal	C3=None
D=Top Depth	Seam Position=Throat	
E=Centre Radius	Cross Break=1	
F=Angle		
G=Offset		
H=Bottom Extension		
I=Top Extension		

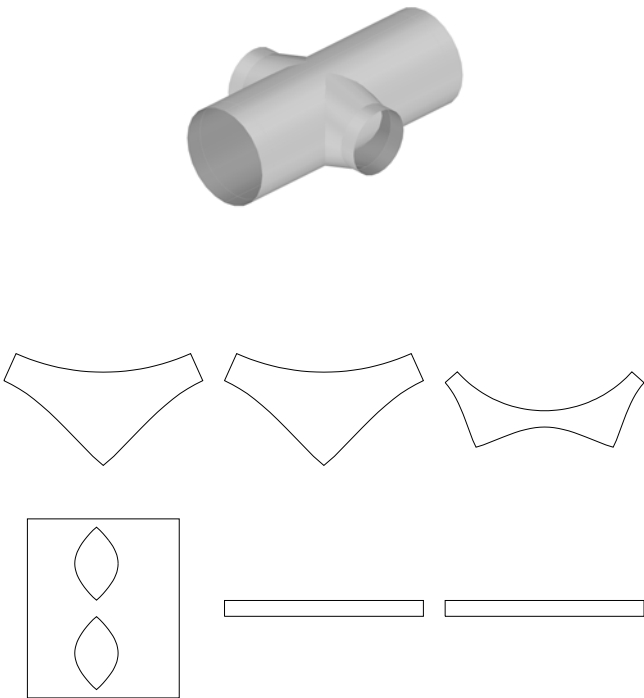
Seams
S1=None

Damper:



Pattern: 140

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
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=Branch 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	
L=Offset #1	Branch Seam Position=0.000	
M=Rotation #1	Branch Only=No	
N=Collar #1	Allow Branches On Flats=No	
O=Branch Width #2	Input=Angle	
P=Branch Depth #2		
Q=Branch Length #2		
R=Btm Width #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		

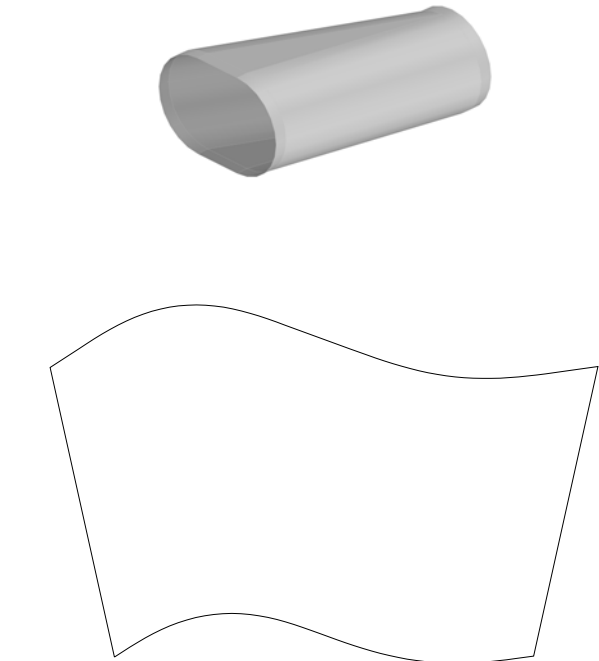
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 147

Flat Oval



Dims	Options	Conn's
A=Width In	Seam Position=Major Axis	C1=None
B=Depth In	Cross Break=1	C2=None
C=Width Out	Diameter Type In=Nominal	C3=None
D=Depth Out	Diameter Type Out=Nominal	
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		

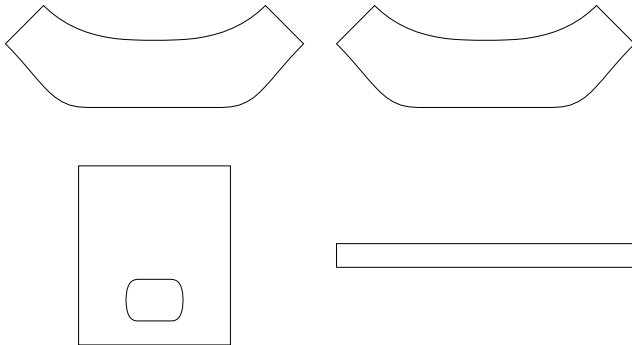
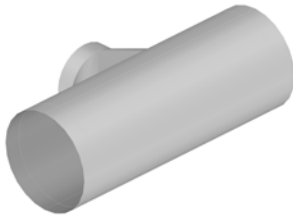
Seams

S1=None

Damper:

Pattern: 154

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	
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=Branch Length #1	Plate Border=0.000	
I=Angle #1	Plate Type=Rectangular	
J=Inset #1	Branch Seam Position=0.000	
K=Offset #1	Branch Only=No	
L=Rotation #1		
M=Collar #1		

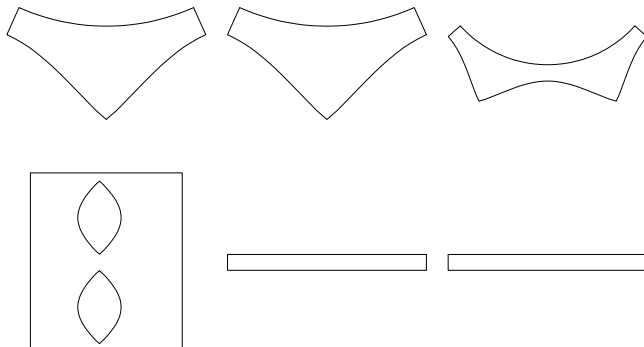
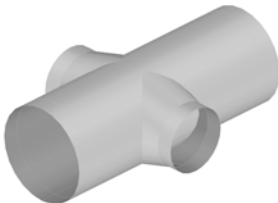
Seams

S1=None
S2=None

Damper:

Pattern: 159

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
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=Branch 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		
P=Branch Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		

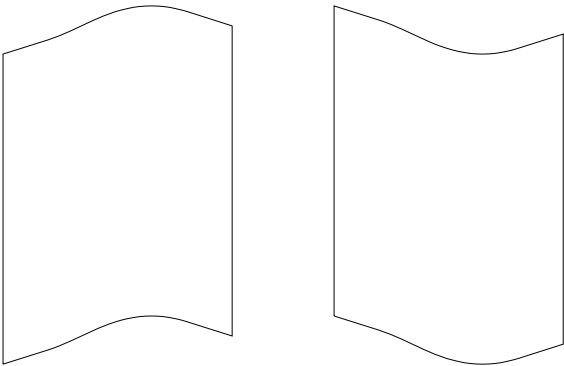
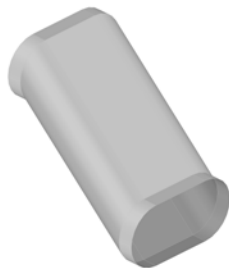
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 163

Flat Oval



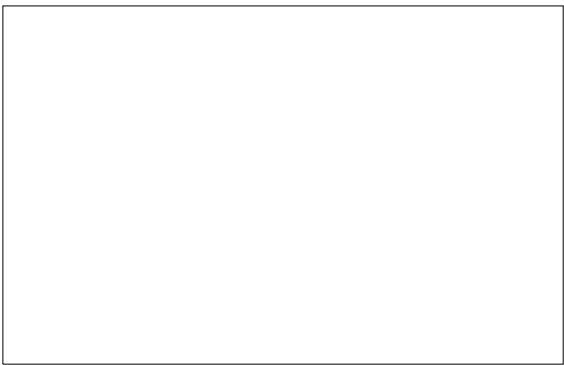
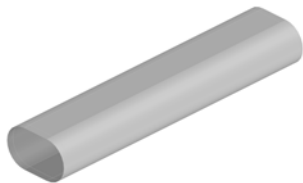
Dims	Options	Conn's
A=Major Axis	Cross Break=2	C1=None
B=Minor Axis	Diameter Type BE=Nominal	C2=None
C=Major Axis	Diameter Type SE=Nominal	
D=Minor Axis	Seam Position=Major Axis	
E=Length	Same Seams On Each Part=No	
F=Offset Width		
G=Offset Depth		
H=Collar		
I=Collar		

Seams
S1=None

Damper:

Pattern: 165

Flat Oval



Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Duct Length=(inch)	C2=None
C=Length	Area Adjust (%)=0.000	
D=Left Extension		
E=Right Extension		

Seams
S1=None

Damper:

Pattern: 182

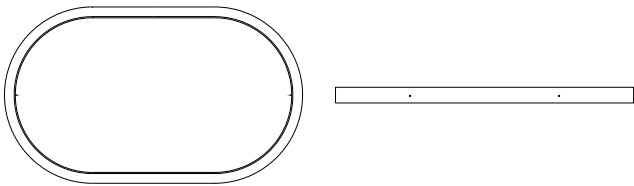
Round/Flat Oval

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



Seams
S1=None

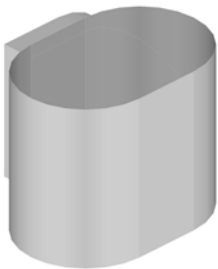
Damper:



Pattern: 318

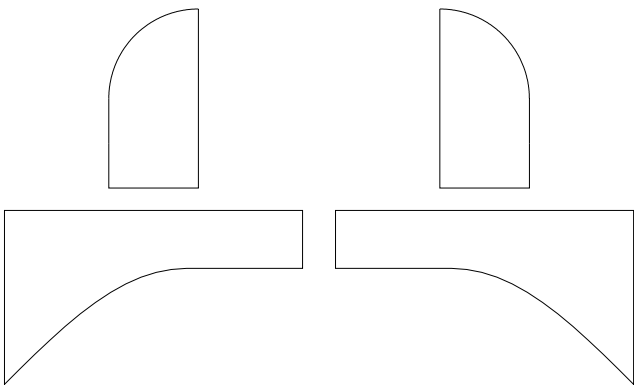
Flat Oval

Dims		Options	Conn's
A=Radius		Six Parts Left Lap=None	C1=None
B=Depth		Six Parts Right Lap=None	C2=None
C=Length		Vee Depth Female=0.000	C3=None
D=Front Hole Diameter		Vee Angle Female=30.000	
E=Six Parts Left Height		Allowance=Left	
F=Six Parts Right Height			
G=Turnover Allowance			



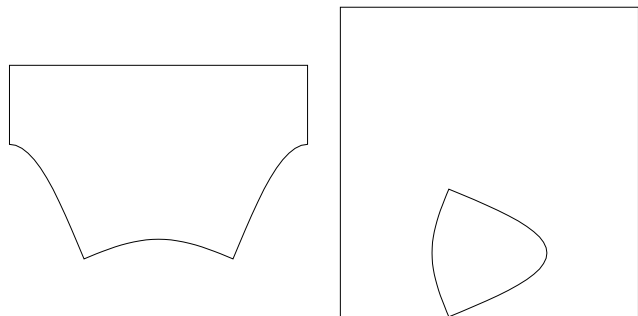
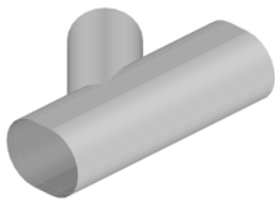
Seams
S1=None

Damper:



Pattern: 356

Flat Oval



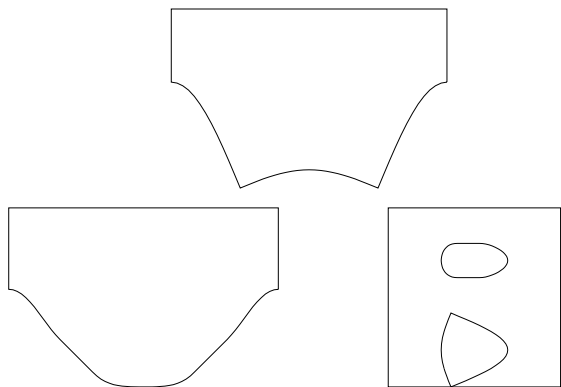
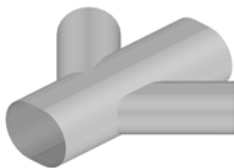
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	
E=Right Extension	Seam Position=0.000	
F=Branch Width #1	Branch Allowance To Pipe=0.000	
G=Branch Length #1	True Oval Straight=No	
H=Angle #1		
I=Inset #1		
J=Extension #1		

Seams
S1=None
S2=None

Damper:

Pattern: 357

Flat Oval



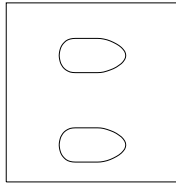
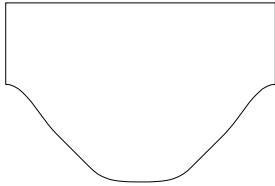
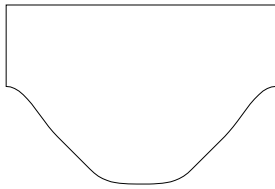
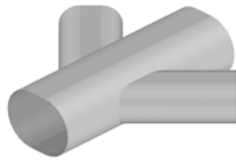
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
E=Right Extension	Seam Position=0.000	
F=Branch Width #1	Branch Allowance To Pipe=0.000	
G=Branch Length #1	True Oval Straight=No	
H=Angle #1		
I=Inset #1		
J=Extension #1		
K=Branch Width #2		
L=Branch Depth #2		
M=Branch Length #2		
N=Angle #2		
O=Inset #2		
P=Extension #2		

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 358

Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
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=Branch Length #1		
I=Angle #1		
J=Inset #1		
K=Extension #1		
L=Branch Width #2		
M=Branch Depth #2		
N=Branch Length #2		
O=Angle #2		
P=Inset #2		
Q=Extension #2		

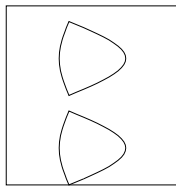
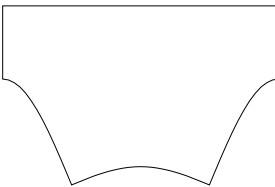
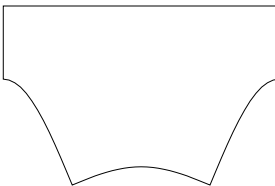
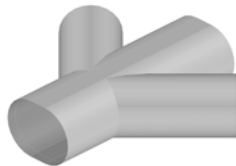
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 359

Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
E=Right Extension	Seam Position=0.000	
F=Branch Width #1	Branch Allowance To Pipe=0.000	
G=Branch Length #1	True Oval Straight=No	
H=Angle #1		
I=Inset #1		
J=Extension #1		
K=Branch Width #2		
L=Branch Length #2		
M=Angle #2		
N=Inset #2		
O=Extension #2		

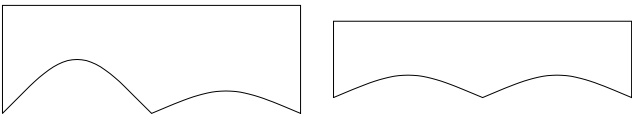
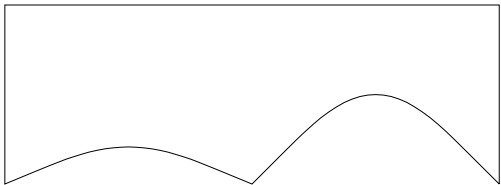
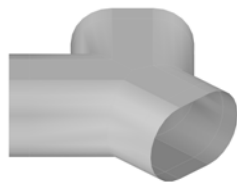
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 360

Flat Oval



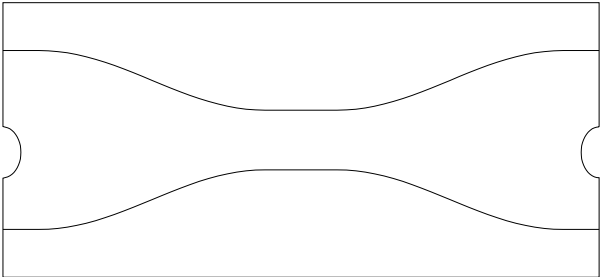
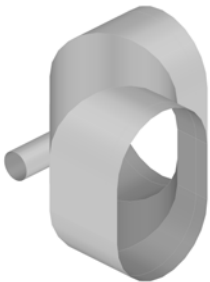
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth		C2=None
C=Length In		C3=None
D=Length Out		C4=None
E=Angle		C5=None
F=Bottom Extension		
G=Left Extension		
H=Right Extension		

Seams
S1=None

Damper:

Pattern: 365

Flat Oval



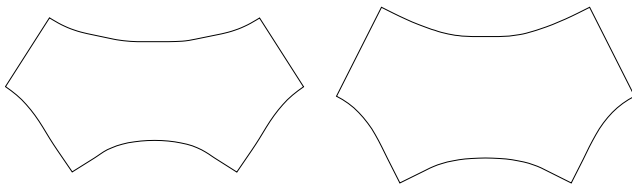
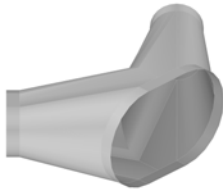
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Seam Position=Throat	C2=None
C=Inner Radius	Single Segments=No	C3=None
D=Bottom Extension	Nest Break Start Segment=0	C4=None
E=Top Extension	Nest Break End Segment=0	
F=Branch Width	Notch Angle For Seam=0	
G=Branch Depth	Leg Lengths=No	
H=Branch Inset	Length Includes Extensions=No	
I=Branch Offset	Branch Parts=No	
J=Branch Length	Branch Seam Position=Width	
K=Branch Angle	Branch Origin=C3 Inline	

Seams
S1=None
S2=None

Damper:

Pattern: 376

Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Left Diameter Type=Nominal	C2=None
C=Left Width	Right Diameter Type=Nominal	C3=None
D=Left Depth	Seam Position=Throat	C4=None
E=Right Width		C5=None
F=Right Depth		
G=Left Angle		
H=Right Angle		
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		

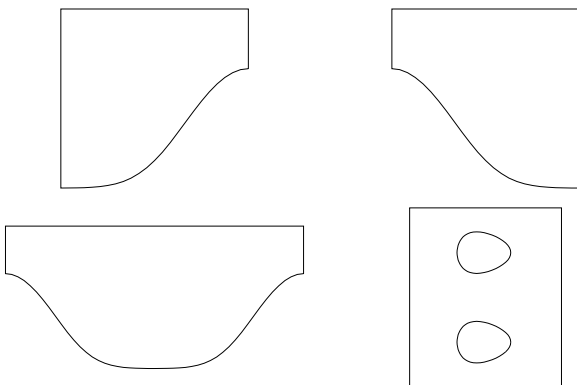
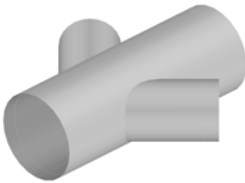
Seams

S1=None

Damper:

Pattern: 377

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
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=Branch 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	Collar Arcs - Lap=0.000	
N=Branch Width #2	Collar Arcs - Allowance=0.000	
O=Branch Depth #2	Branch Only=No	
P=Branch Length #2	Branch Seam Position=All	
Q=Angle #2	Same Seams On Each Part=No	
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		
V=Oval Half Extension		

Seams

S1=None

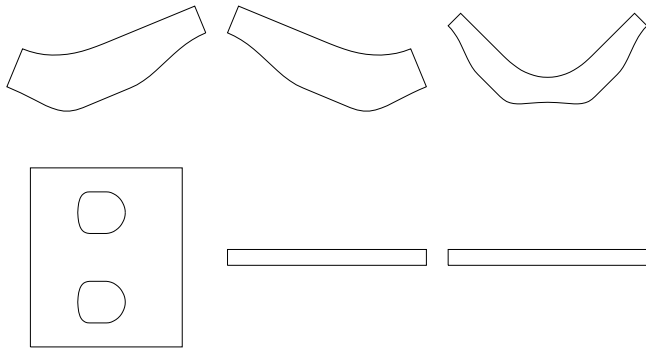
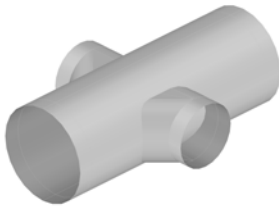
S2=None

S3=None

Damper:

Pattern: 378

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
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=Branch 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=Major Axis #2	Allow Branches On Flats=No	
O=Minor Axis #2		
P=Branch Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Collar #2		

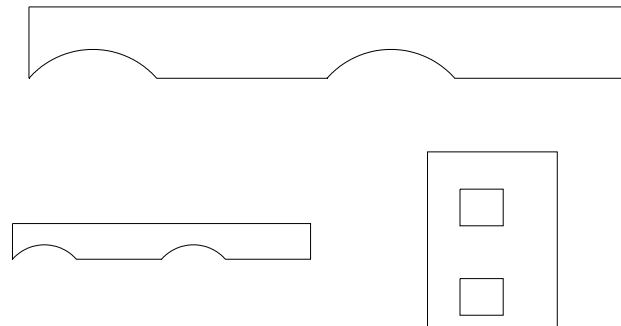
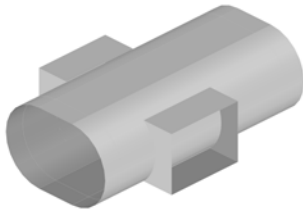
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 385

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Diameter Type=Nominal	C1=None
B=Minor Axis	Round Allowance To Pipe=0.000	C2=None
C=Pipe Length	Flat Allowance To Pipe=0.000	C3=None
D=Left Extension	Pipe Parts=1	C4=None
E=Right Extension	Branch Parts=1	
F=Branch Width	Pipe Seam Position=0.000	
G=Branch Depth	Hole Adjust=0.000	
H=Branch Length	Plate Border=0.000	
I=Inset	Castle Width=0.000	
J=Rotation	Castle Angle=30.000	
K=Extension	Plate Border (Width)=Auto	
L=Branch Width		
M=Branch Depth		
N=Branch Length		
O=Inset		
P=Rotation		
Q=Extension		

Seams

S1=None
S2=None

Damper:

Pattern: 509

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Install Type=Plain	C1=None
B=Length	Sex Type=Male	C2=None
C=Inset	Control Type=None	
D=Sides	Type=Single	
E=Top	Draw Type=None	
F=Bottom	Temperature Type=None	
G=Oval Depth	Draw Type=None	
	Lines=No	
	Cost Supports=No	
	Lines Type=Quantity	
	Lines=3.000	
		Seams

Damper:

Pattern: 522

Round/Flat Oval/Equipment

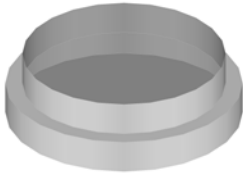


Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		
		Seams
		S1=None

Damper:

Pattern: 530

Round/Flat Oval/Equipment



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

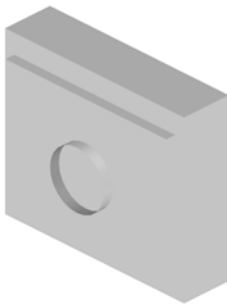
Seams

S1=None

Damper:

Pattern: 533

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Install Type=Plain	C1=None
B=Width	Sex Type=Male	C2=None
C=Depth	Control Type=None	
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	Cost Supports=No	
J=Collar	Lines Type=Quantity	
K=Right Collar	Lines=3.000	
L=Oval Depth		

Seams

Damper:

Pattern: 555

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Type=Plain	C1=None
B=Collar	Sex Type=Male	C2=None
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=None

Damper:

Pattern: 556

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Draw Type=Plain	C2=None
C=Length	Lines Type=Quantity	
D=Offset	Lines=3.000	
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 557

Round/Flat Oval/Equipment



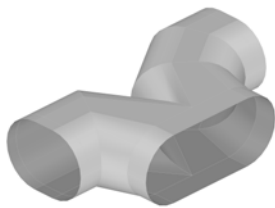
Dims	Options	Conn's
A=Diameter	Type=Plain	C1=None
B=Collar	Sex Type=Male	
C=Length	Pattern=Single	
D=Oval Depth	Mirror=No	
	Mirror View=No	
	X-Offset=0.000	
	Y-Offset=0.000	
	Cost Supports=No	

Seams

Damper:

Pattern: 820

Round/Flat Oval

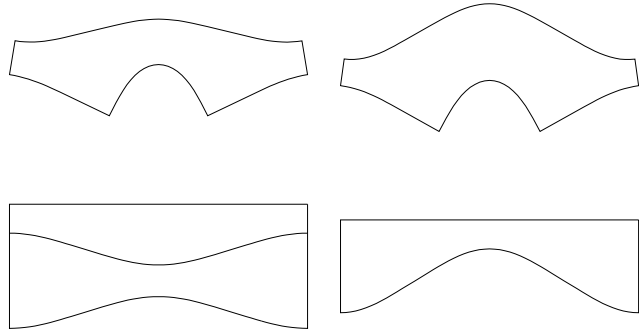


Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

Seams

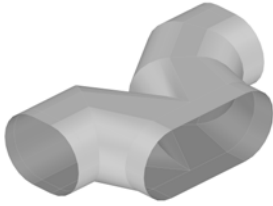
S1=None

Damper:



Pattern: 822

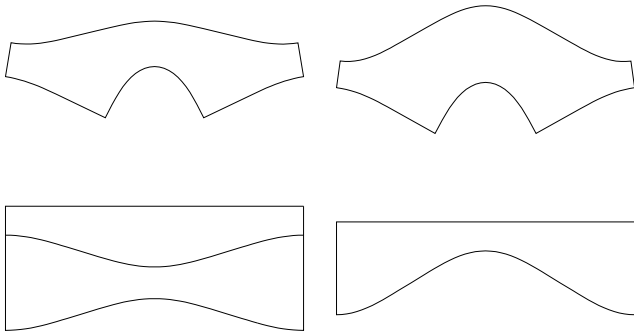
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

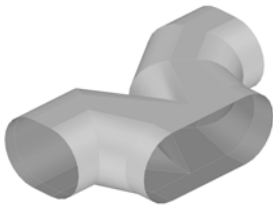
Seams
S1=None

Damper:



Pattern: 823

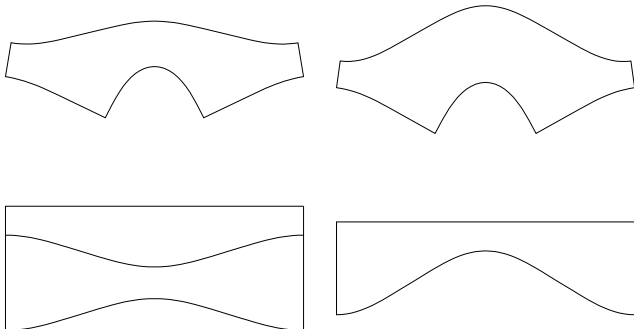
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

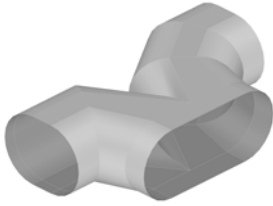
Seams
S1=None

Damper:



Pattern: 824

Round/Flat Oval

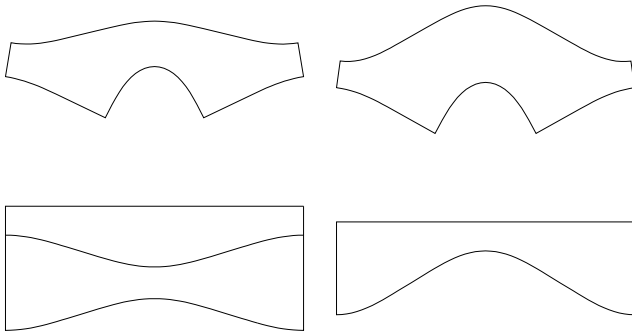


Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Radius	Single Segments=No	
H=Left Radius	Marker Type=Notch	
I=Right Angle		
J=Left Angle		
K=Bottom Extension		
L=Right Extension		
M=Left Extension		

Seams

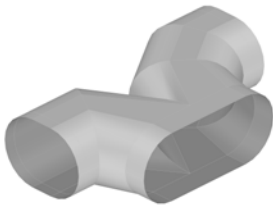
S1=None

Damper:



Pattern: 825

Round/Flat Oval

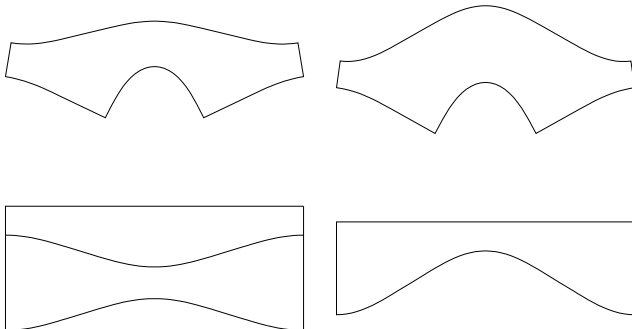


Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Right Diameter Type=Nominal	C2=None
C=Right Width	Left Diameter Type=Nominal	C3=None
D=Right Depth	Number Of Segments=2	C4=None
E=Left Width	Number Of Segments=1	C5=None
F=Left Depth	Single Segments=No	C6=None
G=Right Radius	Marker Type=Notch	
H=Left Radius		
I=Right Angle		
J=Left Angle		
K=Bottom Extension		
L=Right Extension		
M=Left Extension		

Seams

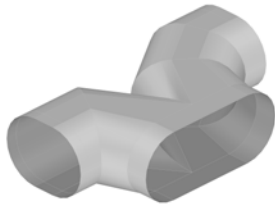
S1=None

Damper:



Pattern: 826

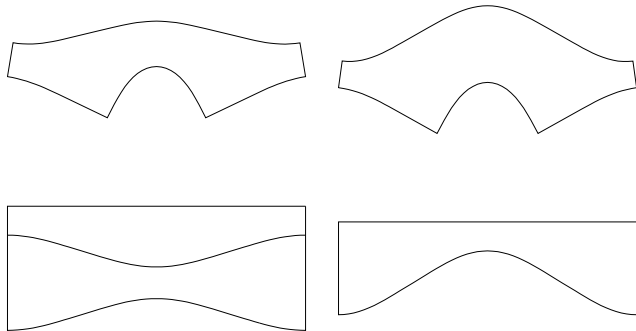
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Right Radius	Marker Type=Notch	
I=Left Radius		
J=Right Angle		
K=Left Angle		
L=Bottom Extension		
M=Right Extension		
N=Left Extension		

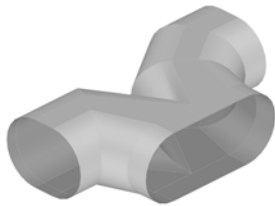
Seams
S1=None

Damper:



Pattern: 827

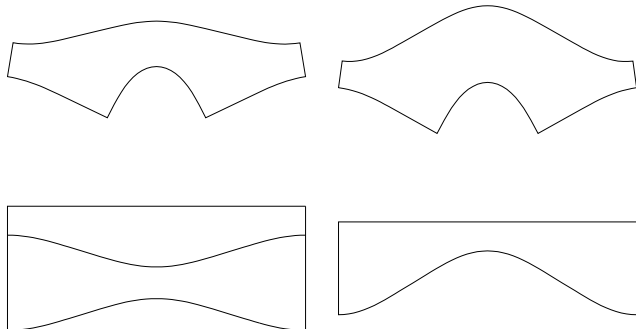
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

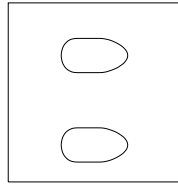
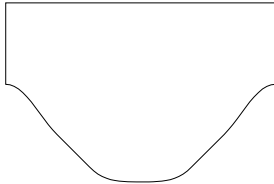
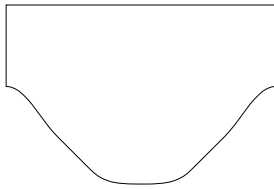
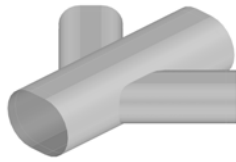
Seams
S1=None

Damper:



Pattern: 831

Round/Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
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=Branch Length #1		
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=Branch Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Extension #2		

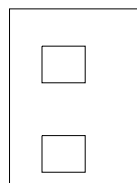
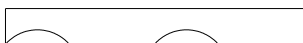
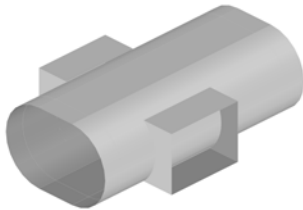
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 842

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Diameter Type=Nominal	C1=None
B=Minor Axis	Round Allowance To Pipe=0.000	C2=None
C=Pipe Length	Flat Allowance To Pipe=0.000	C3=None
D=Left Extension	Pipe Parts=1	C4=None
E=Right Extension	Branch Parts=1	
F=Branch Width	Pipe Seam Position=0.000	
G=Branch Depth	Hole Adjust=0.000	
H=Branch 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=Branch Length		
O=Inset		
P=Offset		
Q=Rotation		

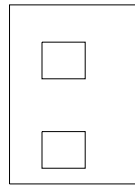
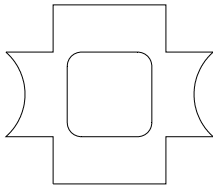
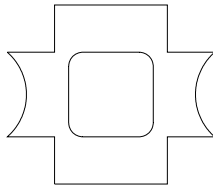
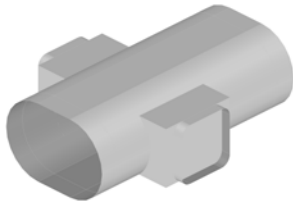
Seams

S1=None
S2=None

Damper:

Pattern: 843

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Diameter Type=Nominal	C1=None
B=Minor Axis	Round Allowance To Pipe=0.000	C2=None
C=Pipe Length	Flat Allowance To Pipe=0.000	
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=Branch Length	Castle Width=0.000	
I=Inset	Castle Angle=30.000	
J=Rotation	Plate Border (Width)=Auto	
K=Hole Width	Fold Notch Depth=0.000	
L=Hole Depth		
M=Hole Radius		
N=Branch Width		
O=Branch Depth		
P=Branch Length		
Q=Inset		
R=Rotation		
S=Hole Width		
T=Hole Depth		
U=Hole Radius		

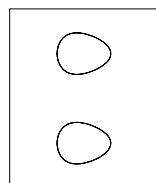
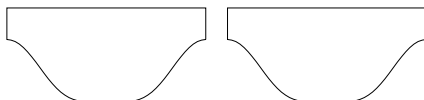
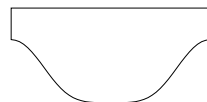
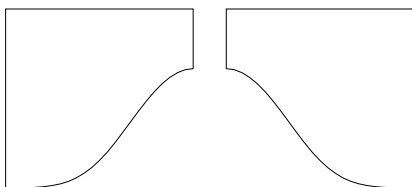
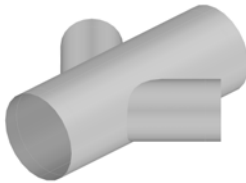
Seams

S1=None
S2=None

Damper:

Pattern: 844

Flat Oval



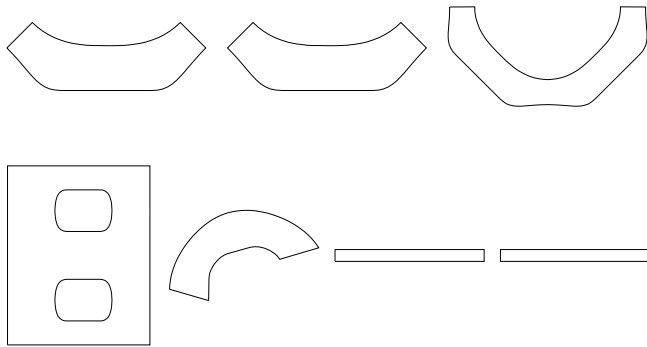
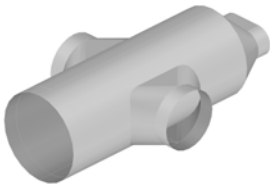
Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Branch Width #1	Branch Type=Straight Branch	C6=None
G=Branch Depth #1	Branch Diameter Type=Nominal	
H=Branch Length #1	Branch Parts=2	
I=Angle #1	Branch Type=Straight Branch	
J=Inset #1	Branch Diameter Type=Nominal	
K=Offset #1	Branch Parts=1	
L=Rotation #1	Branch Type=Straight Branch	
M=Collar #1	Branch Diameter Type=Nominal	
N=Branch Width #2	Branch Parts=1	
O=Branch Depth #2	Branch Type=Straight Branch	
P=Branch 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		
W=Branch Depth #3		
X=Branch Length #3		
Y=Angle #3		
Z=Inset #3		
a=Offset #3		
b=Rotation #3		

Seams

S1=None
S2=None
S3=None
S4=None
S5=None
Damper:

Pattern: 846

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Major Axis #1	Branch Diameter Type=Nominal	
G=Minor Axis #1	Branch Parts=2	
H=Branch 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=Major Axis #2	Reducer Seam Position=Corner	
O=Minor Axis #2	Reducer Parts=1	
P=Branch 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		

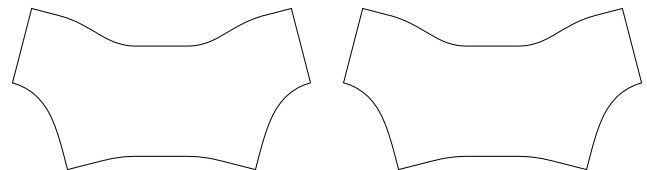
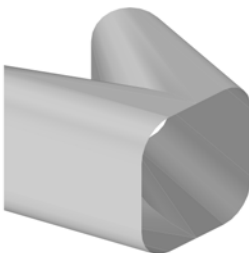
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 854

Rectangular/Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Left Diameter Type=Nominal	C2=None
C=Bottom Radius	Right Diameter Type=Nominal	C3=None
D=Left Width	Seam Position=Top	C4=None
E=Left Depth		
F=Left Radius		
G=Right Width		
H=Right Depth		
I=Right Radius		
J=Left Angle		
K=Right Angle		
L=Height		
M=Left Offset		
N=Right Offset		
O=Bottom Collar		
P=Left Collar		
Q=Right Collar		
R=Left Offset Depth		
S=Right Offset Depth		

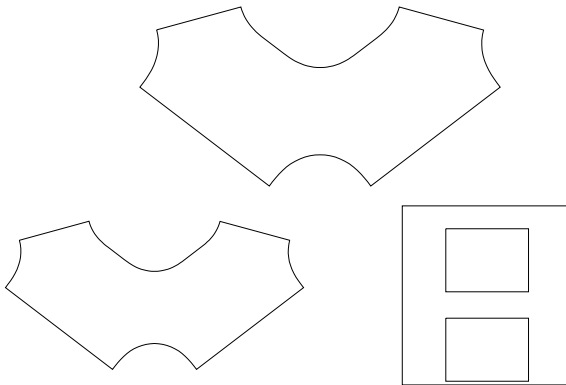
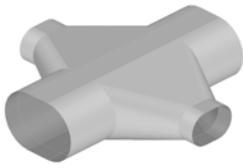
Seams

S1=None

Damper:

Pattern: 887

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=0.000	C3=None
D=Left Extension	Pipe Diameter Type=Nominal	C4=None
E=Right Extension	Branch Diameter Type=Nominal	
F=Width #1	Round Allowance To Pipe=0.000	
G=Depth #1	Flat Allowance To Pipe=0.000	
H=Branch Length #1	Hole Adjust=0.000	
I=Angle #1		
J=Angle #1		
K=Inset #1		
L=Offset #1		
M=Rotation #1		
N=Collar #1		
O=Width #2		
P=Depth #2		
Q=Branch Length #2		
R=Angle #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		

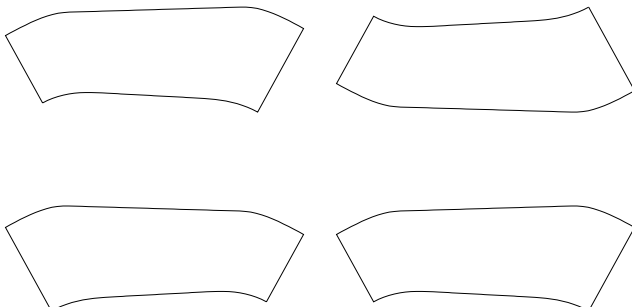
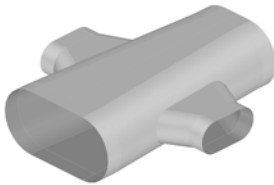
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 888

Flat Oval



Dims	Options	Conn's
A=Width In	Pipe Parts=No Pipe	C1=None
B=Depth In	Diameter Type In=Nominal	C2=None
C=Width Out	Diameter Type Out=Nominal	C3=None
D=Depth Out	Branch Diameter Type=Nominal	C4=None
E=Length	Seam Position=Major Axis	
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=Centres	
K=Branch Depth #1	Branch Inset=Throat	
L=Branch Length #1	Branch Length=Throat	
M=Inset #1	Branch Parts=2	
N=Offset #1	Develop Branch Collars=No	
O=Extension #1		
P=Hole Width #1		
Q=Hole Depth #1		
R=Branch Width #2		
S=Branch Depth #2		
T=Branch Length #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		
X=Hole Width #2		
Y=Hole Depth #2		

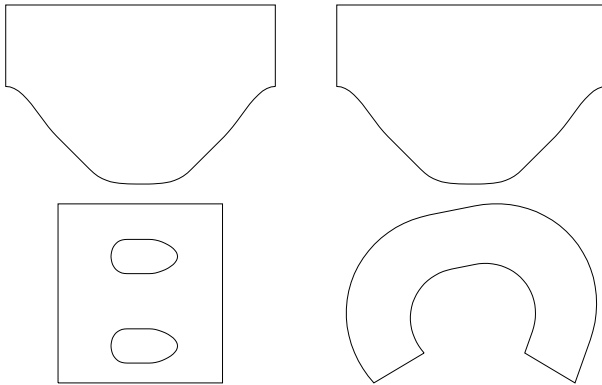
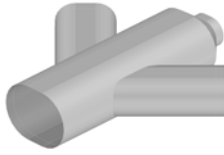
Seams

S1=None
S2=None

Damper:

Pattern: 889

Round/Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
E=Right Extension	Seam Position=0.000	C5=None
F=Branch Width #1	Right Diameter Type=Nominal	
G=Branch Depth #1	Branch Allowance To Pipe=0.000	
H=Branch Length #1	Reducer Parts=1	
I=Angle #1	True Oval Straight=No	
J=Inset #1		
K=Offset #1		
L=(Hole) Rotation #1		
M=Extension #1		
N=Branch Width #2		
O=Branch Depth #2		
P=Branch 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		

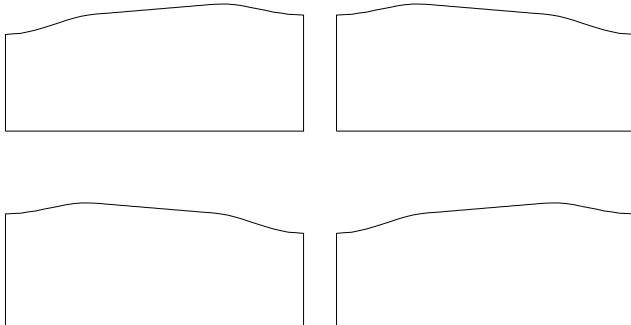
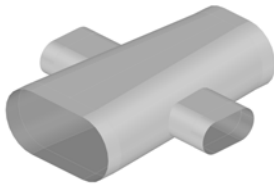
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 894

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=No Pipe	C1=None
B=Minor Axis	Diameter Type In=Nominal	C2=None
C=Major Axis	Diameter Type Out=Nominal	C3=None
D=Minor Axis	Branch Diameter Type=Nominal	C4=None
E=Length	Seam Position=Major Axis	
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=Centres	
K=Branch Minor Axis #1	Branch Inset=Throat	
L=Branch Length #1	Branch Length=Throat	
M=Angle #1	Branch Parts=2	
N=Inset #1	Develop Branch Collars=No	
O=Offset #1		
P=Extension #1		
Q=Branch Major Axis #2		
R=Branch Minor Axis #2		
S=Branch Length #2		
T=Angle #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		

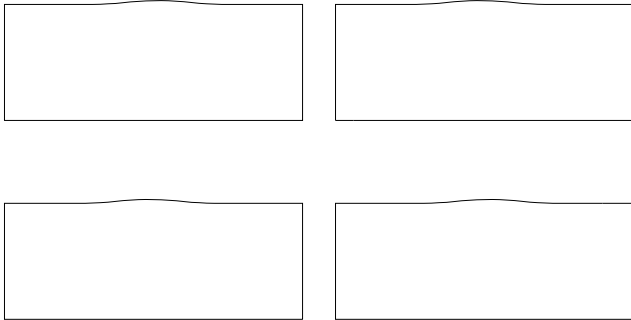
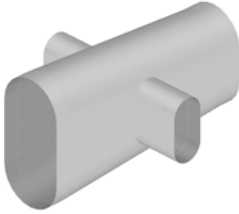
Seams

S1=None
S2=None

Damper:

Pattern: 895

Flat Oval



Dims	Options	Conn's
A=Minor Axis	Pipe Parts=No Pipe	C1=None
B=Major Axis	Diameter Type In=Nominal	C2=None
C=Minor Axis	Diameter Type Out=Nominal	C3=None
D=Major Axis	Branch Diameter Type=Nominal	C4=None
E=Length	Seam Position=Major Axis	
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=Centres	
K=Branch Depth #1	Branch Inset=Throat	
L=Branch Length #1	Branch Length=Throat	
M=Angle #1	Branch Parts=2	
N=Inset #1	Develop Branch Collars=No	
O=Offset #1		
P=Extension #1		
Q=Branch Width #2		
R=Branch Depth #2		
S=Branch Length #2		
T=Angle #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		

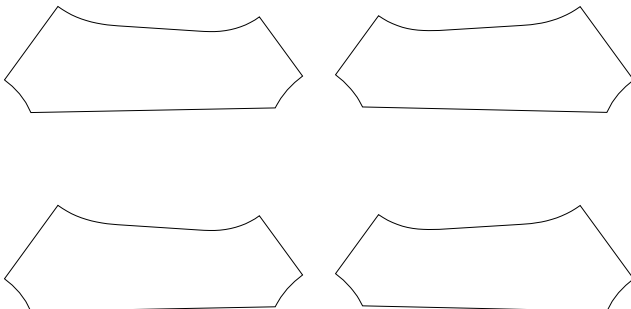
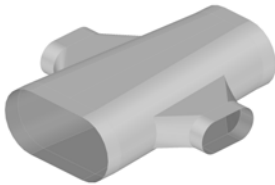
Seams

S1=None
S2=None

Damper:

Pattern: 896

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=No Pipe	C1=None
B=Minor Axis	Diameter Type In=Nominal	C2=None
C=Major Axis	Diameter Type Out=Nominal	C3=None
D=Minor Axis	Branch Diameter Type=Nominal	C4=None
E=Length	Seam Position=Major Axis	
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=Centres	
K=Branch Minor Axis #1	Branch Inset=Throat	
L=Branch Length #1	Branch Length=Throat	
M=Inset #1	Branch Parts=2	
N=Offset #1	Develop Branch Collars=No	
O=Extension #1		
P=Hole Width #1		
Q=Hole Depth #1		
R=Branch Major Axis #2		
S=Branch Minor Axis #2		
T=Branch Length #2		
U=Inset #2		
V=Offset #2		
W=Extension #2		
X=Hole Width #2		
Y=Hole Depth #2		

Seams

S1=None
S2=None

Damper:

Pattern: 902

Rectangular/Round/Flat Oval/Standard/Equipment

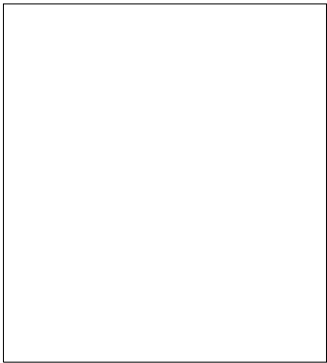
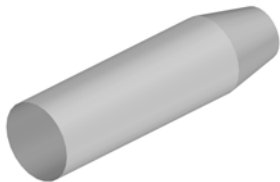
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	

Seams

Damper:

Pattern: 911

Round/Flat Oval



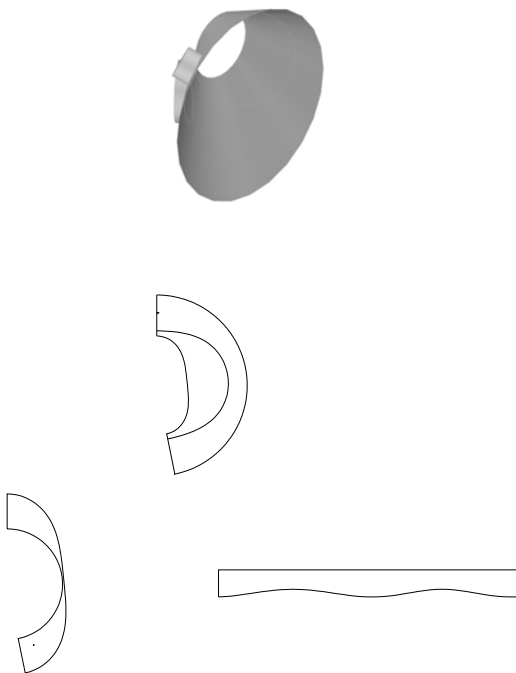
Dims	Options	Conn's
A=Pipe Width	Pipe Diameter Type=Nominal	C1=None
B=Pipe Depth	Reducer Diameter Type=Nominal	C2=None
C=Pipe Length	Pipe Parts=1	C3=None
D=Reducer Width	Pipe Seam Position=0.000	
E=Reducer Depth	Offset Width=Left In	
F=Reducer Length	Offset Depth=Bottom Up	
G=Offset Width	Diameter Reduction=0.000	
H=Offset Depth		
I=Left Extension		
J=Right Extension		

Seams
S1=None

Damper:

Pattern: 925

Flat Oval



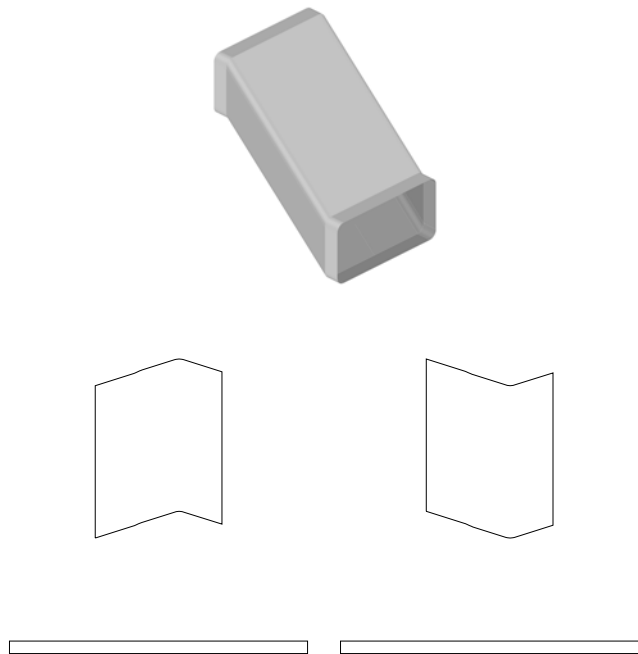
Dims	Options	Conn's
A=Bottom Diameter	Seam Position=180.000	C1=None
B=Height	Cross Break=1	C2=None
C=Offset	Pipe Diameter Type=Nominal	
D=Height	Branch Diameter Type=Nominal	
E=Left Height	Hole Adjust=0.000	
F=Right Height	Stitch Gap=0.000	
G=Branch Height #1	Number Of Stitches=0	
H=Branch Diameter #1		
I=Branch Length #1		
J=Rotation #2		
K=Branch Diameter #2		
L=Branch Length #2		
M=Centre Point #2		
N=Angle #2		
O=Split Vertical		
P=Top Diameter		

Seams

Damper:

Pattern: 967

Flat Oval



Dims	Options	Conn's
A=Left Width	Cross Break=2	C1=None
B=Left Depth	Diameter Type BE=Nominal	C2=None
C=Right Width	Diameter Type SE=Nominal	
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		

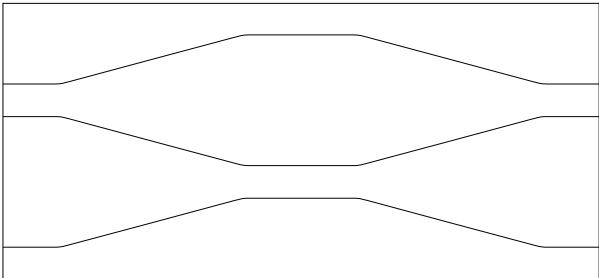
Seams

S1=None

Damper:

Pattern: 976

Flat Oval



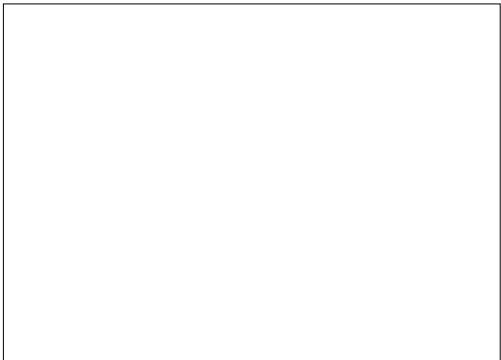
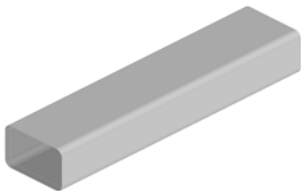
Dims	Options	Conn's
A=Width	Number Of Segments=4	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Inner Radius	Seam Position=Throat	C3=None
D=Angle	Single Segments=No	
E=Bottom Extension	Nest Break Start Segment=0	
F=Top Extension	Nest Break End Segment=0	
G=Corner Radius	Cross Break=1	
	Notch Angle For Seam=0	
	Leg Lengths=No	
	Length Includes Extensions=No	

Seams
S1=None
S2=None

Damper:

Pattern: 977

Flat Oval



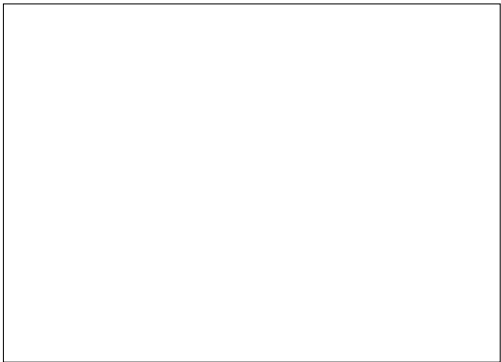
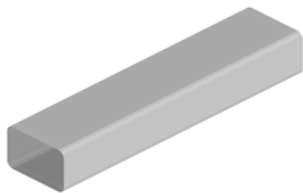
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Seam Position=Corner	C2=None
C=Length	Diameter Type=Nominal	
D=Left Extension	Duct Length=(inch)	
E=Right Extension		
F=Corner Radius		

Seams
S1=None

Damper:

Pattern: 978

Flat Oval



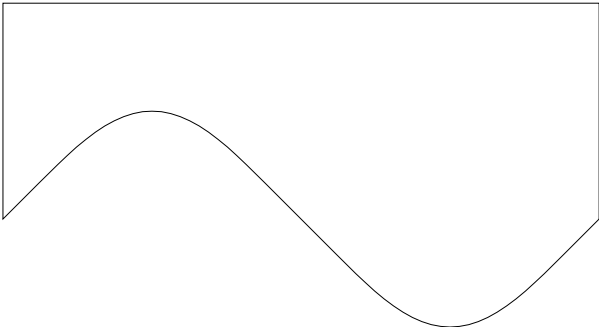
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Seam Position=Corner	C2=None
C=Length	Diameter Type=Nominal	
D=Left Extension	Duct Length=(inch)	
E=Right Extension		
F=Corner Radius		

Seams
S1=None

Damper:

Pattern: 988

Flat Oval



Dims	Options	Conn's
A=Branch Width	Branch Diameter Type=Nominal	C1=None
B=Branch Depth	Branch Allowance To Pipe=0.000	C2=None
C=Branch Length		
D=Angle		
E=Extension		

Seams
S1=None

Damper: None

Pattern: 995
Round/Flat Oval/Equipment

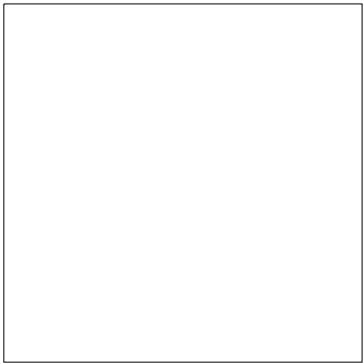


Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 1101
Rectangular/Round/Flat Oval/Standard/Equipment



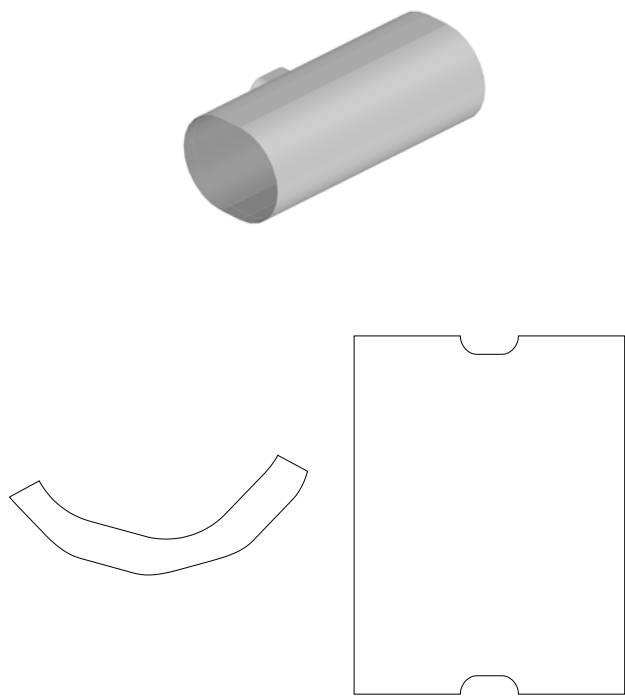
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	
	Faces=No	

Seams

Damper:

Pattern: 1104

Flat Oval

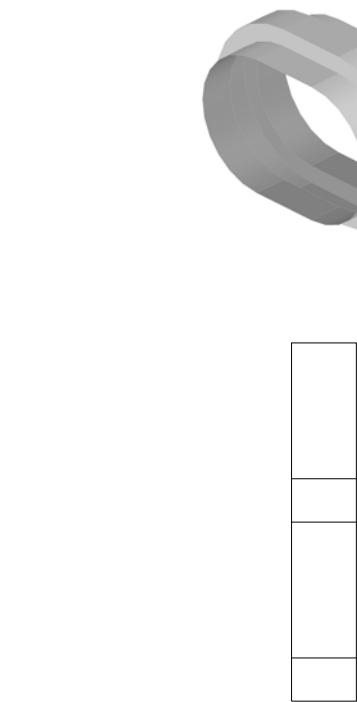


Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Pipe Seam Position=Depth	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Branch Width #1	Plate Border=0.000	C6=None
G=Branch Depth #1	Plate Type=Rectangular	
H=Branch 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	
L=Angle #1	Branch Parts=1	
M=Collar #1	Inlet=1	
	Outlet=2	

Seams
S1=None
S2=None
S3=None
S4=None
S5=None
Damper:

Pattern: 1113

Flat Oval



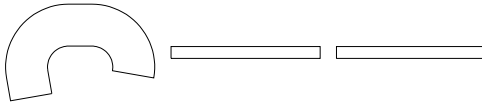
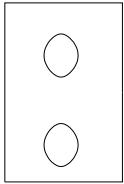
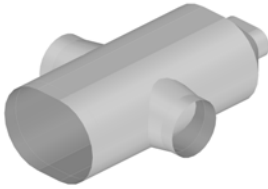
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Marker Notches=No	C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 1115

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Branch Width #1	Branch Diameter Type=Nominal	
G=Branch Depth #1	Branch Parts=2	
H=Branch Length #1	Branch Diameter Type=Nominal	
I=Btm Width #1	Branch Parts=1	
J=Slope Angle #1	Plate Border=0.000	
K=Inset #1	Plate Type=Rectangular	
L=Offset #1	Branch Seam Position=0.000	
M=Rotation #1	Branch Only=No	
N=Collar #1	Input=Angle	
O=Tilt Angle #1	Reducer Seam Position=Corner	
P=Branch Width #2	Reducer Parts=1	
Q=Branch Depth #2		
R=Branch 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		

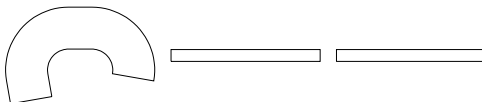
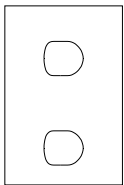
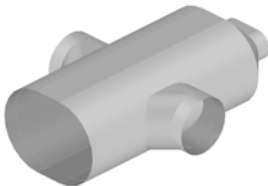
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 1116

Flat Oval



Dims	Options	Conn's
A=Major Axis	Pipe Parts=1	C1=None
B=Minor Axis	Pipe Seam Position=0.000	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Major Axis #1	Branch Diameter Type=Nominal	
G=Minor Axis #1	Branch Parts=2	
H=Branch 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=Major Axis #2	Reducer Seam Position=Corner	
O=Minor Axis #2	Reducer Parts=1	
P=Branch 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		

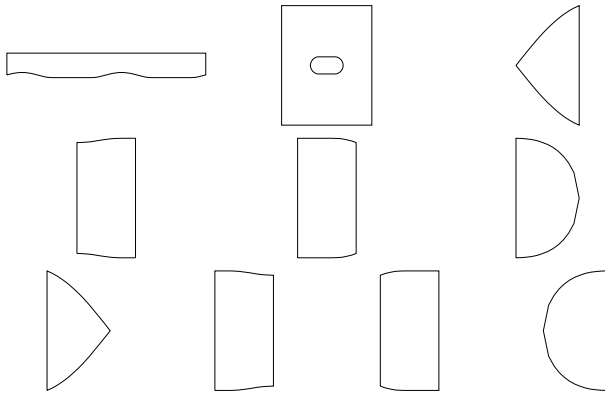
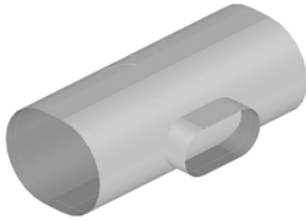
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 1117

Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Pipe Seam Position=Depth	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
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=Branch Length	Branch Only=No	
I=Inset	Branch Seam Position=Corner	
J=Offset	Branch Diameter Type=Nominal	
K=Collar	Branch Parts=1	
	Splitters=4	
	Splitter Radius=Auto	
	Splitter Adjust=0.000	
	Inlet=1	
	Outlet=2	

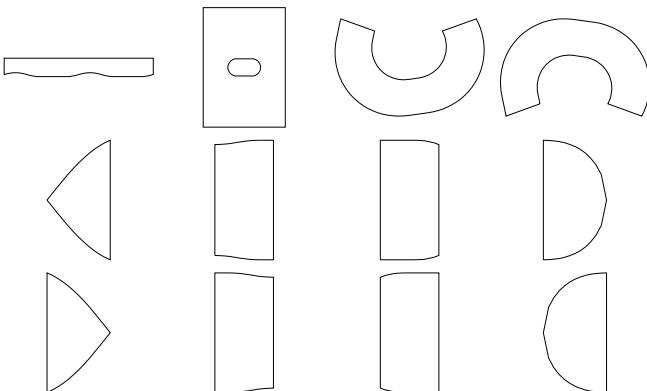
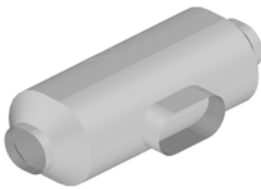
Seams

S1=None
S2=None

Damper:

Pattern: 1118

Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Pipe Seam Position=Depth	C2=None
C=Pipe Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Hole Adjust=0.000	C4=None
E=Right Extension	Branch Allowance To Pipe=0.000	C5=None
F=Branch Width	Plate Border=0.000	
G=Branch Depth	Plate Type=Rectangular	
H=Branch Length	Branch Only=No	
I=Inset	Branch Seam Position=Corner	
J=Offset	Branch Diameter Type=Nominal	
K=Collar	Branch Parts=1	
L=Left Reducer Width	Splitters=4	
M=Left Reducer Depth	Splitter Radius=Auto	
N=Left Reducer Length	Splitter Adjust=0.000	
O=Right Reducer Width	Left Reducer Seam Position=Corner	
P=Right Reducer Depth	Left Reducer Parts=1	
Q=Right Reducer Length	Right Reducer Seam Position=Corner	
	Right Reducer Parts=1	
	Inlet=1	
	Outlet=2	

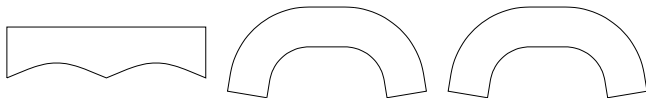
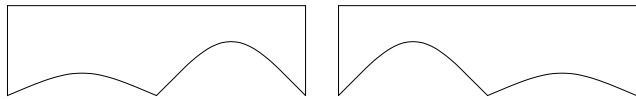
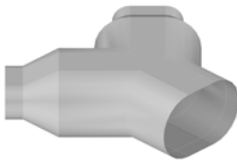
Seams

S1=None
S2=None

Damper:

Pattern: 1119

Flat Oval



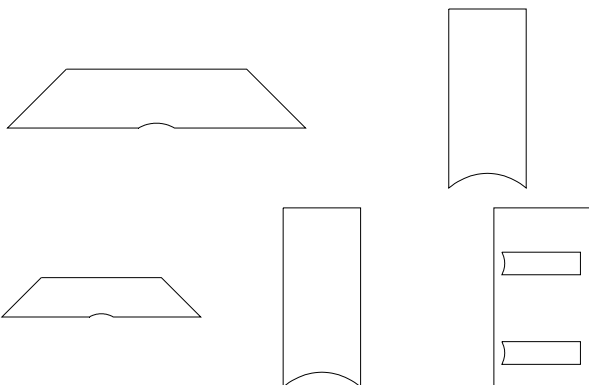
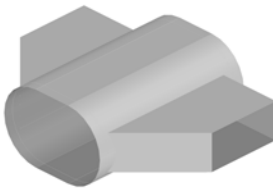
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth		C2=None
C=Length In		C3=None
D=Length Out		C4=None
E=Angle		C5=None
F=Bottom Extension		C6=None
G=Left Extension		
H=Right Extension		
I=Left Reducer Major Axis		
J=Left Reducer Minor Axis		
K=Left Reducer Length		
L=Right Reducer Major Axis		
M=Right Reducer Minor ...		
N=Right Reducer Length		

Seams
S1=None

Damper:

Pattern: 1204

Flat Oval



Dims	Options	Conn's
A=Pipe Width	Pipe Diameter Type=Nominal	C1=None
B=Pipe Depth	Pipe Seam Position=Corner	C2=None
C=Pipe Length	Pipe Parts=1	C3=None
D=Left Extension	Branch Parts=2	C4=None
E=Right Extension	Round Allowance To Pipe=0.000	
F=Branch Width #1	Flat Allowance To Pipe=0.000	
G=Branch Depth #1	Hole Adjust=0.000	
H=Branch Length #1	Plate Border (Width)=0.000	
I=Angle #1	Plate Border (Depth)=Same	
J=Inset #1	Throat Clearance=0.000	
K=Offset #1	Castle Width=0.000	
L=Rotation #1	Castle Angle=30.000	
M=Extension #1		
N=Branch Width #2		
O=Branch Depth #2		
P=Branch Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Extension #2		

Seams
S1=None
S2=None
S3=None

Damper: None
None

Pattern: 1522

Round/Flat Oval/Equipment



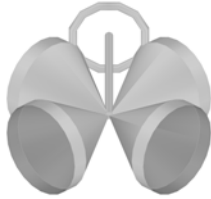
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 868

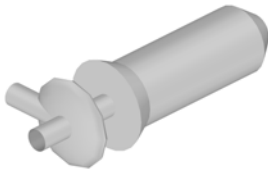
Pipework/Equipment



Dims	Options	Conn's
A=Diameter #1	Type=Normal	C1=None
B=Diameter #2	Type=Normal	C2=None
C=Diameter #3	Type=Normal	C3=None
D=Diameter #4	Type=Normal	C4=None
E=Length #1	Type=Normal	
F=Length #2	Nut Length=0.000	
G=Length #3	Nut Thickness=0.000	
H=Length #4	Nut Sides=0	
I=Shaft Length #1	Nut Back Fillet=0.000	
J=Handle Diameter	Nut Front Fillet=0.000	
K=Shaft Diameter #1	Handle Inline with Body=No	Seams
L=Handle Angle	Handle Type=Round	
M=Number Of Struts	Handle Rotation=0.000	
N=Strut Diameter	Draw Globe as Disc=No	
O=Collar #1	Rotate Bottom Forward=No	
P=Collar #2	Flex Size=0.000	Damper:
Q=Collar #3	Flex Thickness=0.000	
R=Collar #4	Flex Gaps=0.000	
S=Handle Length	Flex Length=0.000	
T=Globe X Diameter	End Plate Offset=0.000	
U=Globe Y Diameter	End Plate Length=0.000	
V=Box Width	End Pin Width=0.000	
W=Box Depth	End Pin Offset=0.000	
X=Box Height	End Pin Extension=0.000	
Y=Shaft Diameter #2	End Pin Depth=0.000	
Z=Shaft Diameter #3	End Pins Triangular=No	
a=Shaft Length #2	Inlet=1	
b=Shaft Length #3	Outlet=2	

Pattern: 883

Pipework/Equipment

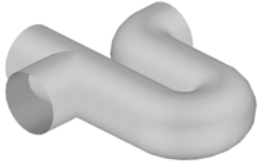


Dims	Options	Conn's
A=Diameter	Type=Vertical	C1=None
B=Diameter	Flare=Out	C2=None
C=Length	End=Flare	
D=Height	Height=0.000	
E=Height	Thickness=0.000	
F=Inset	Quantity=0	
G=Inset	X Rotation=0.000	
H=Centre Length	Y Rotation=0.000	
I=Offset	Slope Angle=0.000	
J=Offset		Seams
K=Length		
L=Diameter		
M=Length		

Damper:

Pattern: 916

Pipework/Equipment



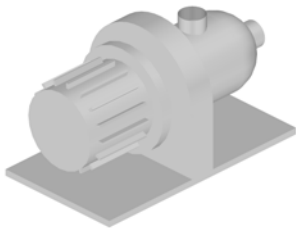
Dims	Options	Conn's
A=Diameter	Type=Straight Branch	C1=None
B=Depth	Rotation=0.000	C2=None
C=Height	Inlet=1	C3=None
D=Y-Offset	Outlet=2	
E=X-Offset	Angle Tolerance=0.000	
F=Bottom Radius		
G=Right Radius		
H=Angle Out		
I=Base Angle		
J=C2 Inner Diameter		

Seams

Damper:

Pattern: 980

Pipework



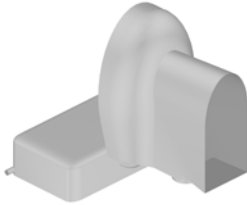
Dims	Options	Conn's
A=Body Diameter #1	Body Horizontal=Yes	C1=None
B=Body Diameter #2	End Mitred=No	C2=None
C=Body Length	Front Pipe=Yes	C3=None
D=End Length	Centre Support=Circle	
E=Pipe Diameter #1	Square Motor=No	
F=Pipe Length #1	Motor Flange=Yes	
G=Pipe Inset #1	Number Of Fins=16.000	
H=Pipe Diameter #2	Fins Shape=Square	
I=Pipe Length #2	Flat Base=No	
J=Shaft Diameter	Electric Box=No	
K=Shaft Length		
L=Support Diameter		
M=Support Length		
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		

Seams

Damper:

Pattern: 1102

Pipework



Dims	Options	Conn's
A=Base Depth #1	Input Side=Left	C1=None
B=Base Depth #2	Box Type=Rounded	C2=None
C=Front Width #1	Insertion Point=Box Back Centre	
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		

Seams

Damper:

Pattern: 1106

Pipework



Dims	Options	Conn's
A=Plynth Width #1	Detail=Low	C1=None
B=Plynth Depth #1	Insertion Point=Bowl Back Centre	C2=None
C=Plynth Width #2	Hot Side=Bottom	C3=None
D=Plynth Depth #2	Cold Side=Bottom	
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:

Pattern: 1110

Pipework/Equipment



Dims	Options	Conn's
A=Width #1	Corners=Rounded	C1=None
B=Depth #1	Inlet=1	
C=Length #1	Outlet=1	
D=Left Radius #1	Type=Pipework	
E=Right Radius #1	Circular Diameter Type=Outside	
F=Top Radius #1	Round Lines=Yes	
G=Bottom Radius #1	Open Left=No	
H=Front Radius #1	Open Right=No	
I=Back Radius #1	Open Top=No	
J=X Rotation #1	Open Bottom=No	
K=Y Rotation #1	Open Front=No	
L=Z Rotation #1	Open Back=No	

Seams

Damper:

Pattern: 1111

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Width=0.787	C1=None
B=Thickness	Depth=0.079	C2=None
C=Top Diameter #1	Depth=0.394	C3=None
D=Top Length #1	Fix Relative=No	C4=None
E=Length #1	Rotate=No	C5=None
F=Length #2	Cross=No	C6=None
	Handle=No	

Seams

Damper:

Pattern: 1114

Pipework



Dims	Options	Conn's
A=Width	Detail=High	C1=None
B=Height	Insertion Point=Centre	C2=None
C=Depth	Input=Back	
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:

Pattern: 1151

Pipework



Dims	Options	Conn's
A=Outer Diameter		C1=None
B=Inner Diameter		C2=None
C=Length		
D=Offset		
E=Rotation		

Seams

Damper:

Pattern: 1168

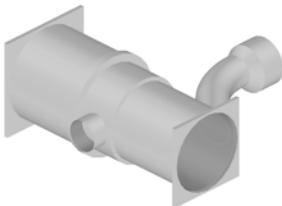
Pipework



Dims	Options	Conn's
A=Total Width	Compartments=3	C1=None
B=Total Depth	Taps=1	C2=None
C=Top Height	Compartment Type=Sink	C3=None
D=Surround Size	Compartment Type=Waste	C4=None
E=Outer Radius	Compartment Type=Drain	C5=None
F=Inner Radius	Tap Type=Default	C6=None
G=Width #1	Tap Compartment=2	C7=None
H=Depth #1		C8=None
I=Height #1		C9=None
J=Front Inset #1		C10=None
K=Back Inset #1		Seams
L=Left Inset #1		
M=Right Inset #1		
N=Output Diameter #1		
O=Output Length #1		
P=Output Inset #1		
Q=Output Offset #1		Damper:
R=Width #2		
S=Depth #2		
T=Height #2		
U=Front Inset #2		
V=Back Inset #2		
W=Left Inset #2		
X=Right Inset #2		
Y=Output Diameter #2		
Z=Output Length #2		
a=Output Inset #2		
b=Output Offset #2		

Pattern: 1189

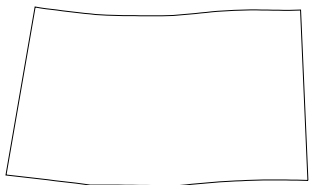
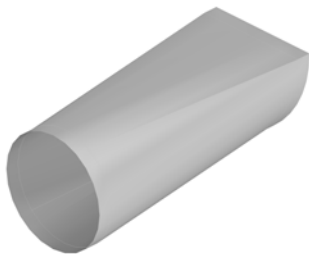
Pipework/Equipment



Dims	Options	Conn's
A=Bottom Width	Vertical=No	C1=None
B=Bottom Depth	Pattern=None	C2=None
C=Bottom Diameter		C3=None
D=Middle Diameter #1		C4=None
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		
K=Middle Height #2		Seams
L=Top Height		
M=Bottom Thickness		
N=Top Thickness		
O=Left Diameter		
P=Left Length		
Q=Right Diameter #1		Damper:
R=Right Length #1		
S=Right Diameter #2		
T=Right Length #2		
U=Right Inset		
V=Right Offset		
W=Right Centre Inset		
X=Right Centre Offset		
Y=Right Radius		
Z=Right Angle		
a=Lines		

Pattern: 1192

Pipework



Dims	Options	Conn's
A=Circular Diameter	Number Of Parts=1	C1=None
B=Quadrant Radius	Seam Position=Curve Start	C2=None
C=Length		
D=Circular Extension		
E=Quadrant Extension		
F=Offset Width		
G=Offset Depth		

Seams
S1=None

Damper:

Pattern: 1198

Pipework/Equipment



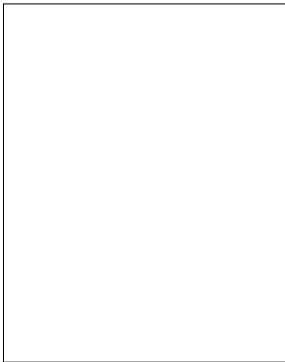
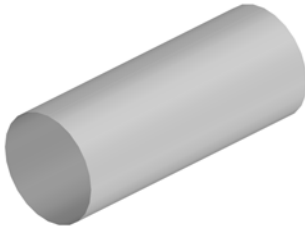
Dims	Options	Conn's
A=Diameter		C1=None
B=Height		C2=None
C=Extension In		
D=Extension Out		
E=Radius In		
F=Radius Out		
G=Angle In		
H=Angle Out		

Seams

Damper:

Pattern: 2040

Pipework

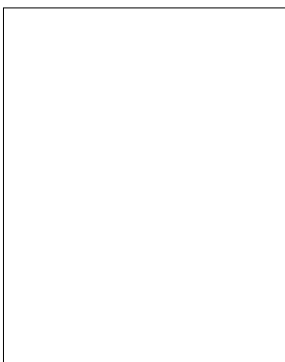
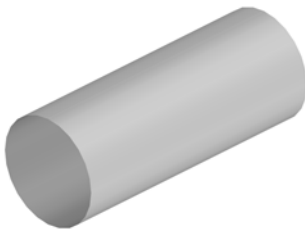


Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Length=(inch)	
D=Right Extension	Area Adjust (%)=0.000	
	Lengths Include Connector Adjust=No	
	Length Adjust=0.000	
	Pipe Parts=1	
	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	
	Insulate To Nodes=No	
		Seams
		S1=None

Damper: None
None

Pattern: 2041

Pipework

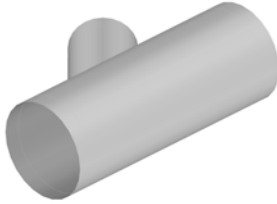


Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Length=(inch)	
D=Right Extension	Area Adjust (%)=0.000	
	Lengths Include Connector Adjust=No	
	Allow Multiple Straights=Yes	
	STD Straight=No	
	Length Adjust=0.000	
	Pipe Parts=1	
	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	
	Insulate To Nodes=No	
		Seams
		S1=None

Damper: None
None

Pattern: 2042

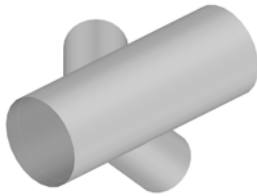
Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
	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	
	Insulate To Nodes=Auto	
		Seams
		S1=None
		S2=None
		Damper: None
		None
		None

Pattern: 2044

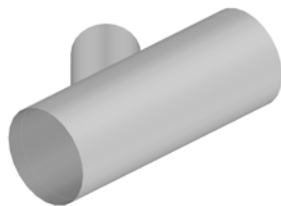
Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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=Branch Diameter #2	Branch Seam Position=0.000	
L=Branch 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	Cut Back Allowance (%)=0.000	
P=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	
	Insulate To Nodes=Auto	
		Seams
		S1=None
		S2=None
		S3=None
		Damper: None
		None
		None
		None

Pattern: 2047

Pipework



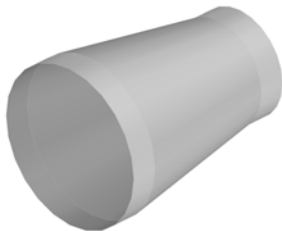
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch Length #1	Pipe Diameter Type=Nominal	
G=Angle #1	Branch Diameter Type=Nominal	
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	
	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	
	Insulate To Nodes=Auto	

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 2051

Pipework



Dims	Options	Conn's
A=Diameter In	Diameter Type BE=Nominal	C1=None
B=Diameter Out	Diameter Type SE=Nominal	C2=None
C=Length	Cross Break=1	
D=Left Extension	Length Break=1	
E=Right Extension	Seam For Weathering=No	
F=Angle	Input=Length	
	Length Includes Extensions=No	
	Auto Oversize=Normal	
	Insulate To Nodes=No	

Seams
S1=None

Damper: None
None



Pattern: 2060

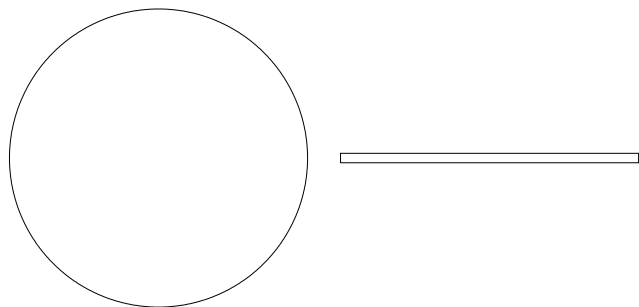
Pipework

Dims		Options	Conn's
A=Diameter	B=Collar	Diameter Type=Nominal	C1=None
C=Height			



Seams

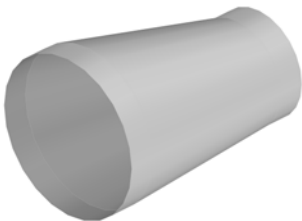
Damper:



Pattern: 2071

Pipework

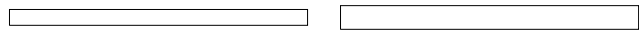
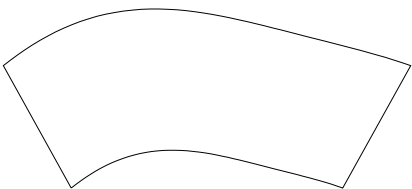
Dims		Options	Conn's
A=Diameter In		Diameter Type BE=Nominal	C1=None
B=Diameter Out		Diameter Type SE=Nominal	C2=None
C=Length		Cross Break=1	
D=Y-Offset		Seam Position=0.000	
E=Left Extension		Length Break=1	
F=Right Extension		Marker Type=Notch	
G=Round Angle		Length Includes Extensions=No	



Seams

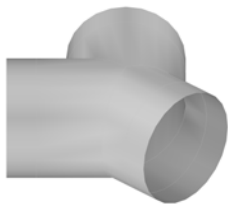
S1=None

Damper: None
None



Pattern: 2072

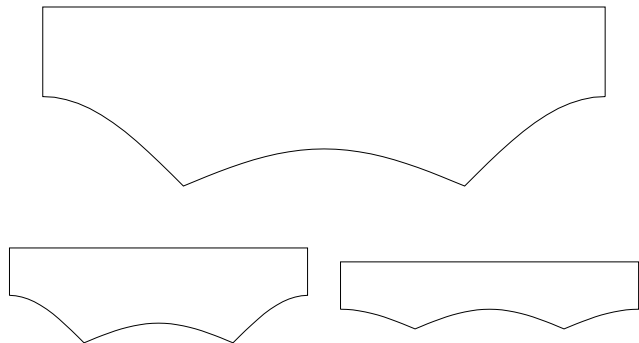
Pipework



Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length In	Seam Position=0.000	C2=None
C=Length Out		C3=None
D=Angle		C4=None
E=Bottom Extension		C5=None
F=Left Extension		
G=Right Extension		

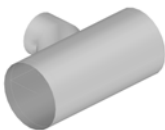
Seams
S1=None

Damper:



Pattern: 2082

Pipework



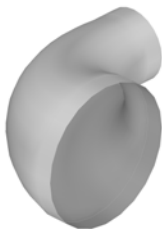
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	
F=Branch Length	Pipe Diameter Type=Nominal	
G=Angle	Branch Diameter Type=Nominal	
H=Inset	Hole Adjust=0.000	
I=Offset	Branch Allowance To Pipe=0.000	
J=Extension	Throat Cut Back (Degrees)=0.000	
K=Collar	Reducer Parts=1	
	Branch Inset=Front	

Seams
S1=None
S2=None

Damper:

Pattern: 2097

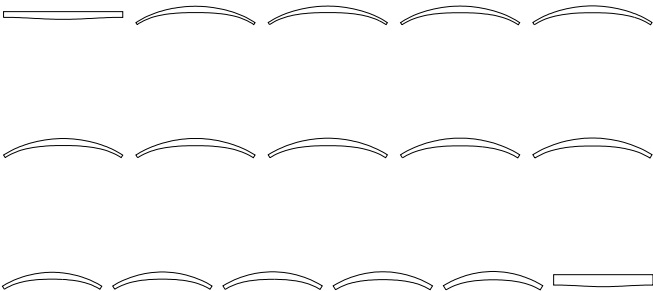
Pipework



Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=16	C1=None
B=Top Diameter	Bottom Diameter Type=Nominal	C2=None
C=Centre Radius	Angle Tolerance=0.000	C3=None
D=Angle	Mark Sides=No	
E=Bottom Extension	Leg Lengths=No	
F=Top Extension	Fixed Radius=Yes	
	Item Volume=Segmented	

Seams
S1=None

Damper: None
None



Pattern: 2108

Pipework/Equipment



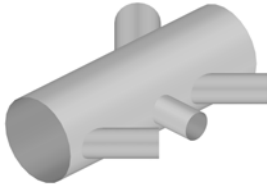
Dims	Options	Conn's
A=Diameter	Bend Radius=4.000	C1=None
B=Length	Factor Type=Multiples Of Diameter	C2=None
C=Lead Length	Max Length=0.000	
	Number Of Round Sections=12	
	Length=Auto	
	Length Adjust=0.000	
	Number Of Segments=Auto	
	Straight Annotation=Up	
	Bend Annotation=Front	
	Allowance=Default	

Seams

Damper:

Pattern: 2148

Pipework



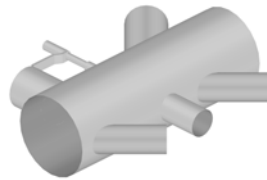
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	First Break=0.000	C2=None
C=Left Extension	Second Break=0.000	C3=None
D=Right Extension	Third Break=0.000	C4=None
E=Branch Diameter #1	Seam Position=0.000	C5=None
F=Branch Length #1	Pipe Diameter Type=Nominal	C6=None
G=Angle #1	Branch Type=Straight Branch	
H=Inset #1	Branch Diameter Type=Nominal	
I=Offset #1	Branch Parts=2	
J=Rotation #1	Branch Type=Straight Branch	
K=Extension #1	Branch Diameter Type=Nominal	
L=Branch Diameter #2	Branch Parts=1	
M=Branch Length #2	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 #2	Branch Parts=1	
S=Branch Diameter #3	Hole Adjust=0.000	
T=Branch 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=Branch Diameter #4		
a=Branch Length #4		
b=Angle #4		

Seams

S1=None
S2=None
S3=None
S4=None
S5=None
Damper:

Pattern: 2149

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1 Inlet=1	C1=None
B=Pipe Length	First Break=0.000 Outlet=2	C2=None
C=Left Extension	Second Break=0.000	C3=None
D=Right Extension	Third Break=0.000	C4=None
E=Branch Diameter #1	Seam Position=0.000	C5=None
F=Branch Length #1	Pipe Diameter Typ...	C6=None
G=Angle #1	Branch Type=Straig...	C7=None
H=Inset #1	Branch Diameter T...	
I=Offset #1	Branch Parts=2	
J=Rotation #1	Branch Type=Straig...	
K=Extension #1	Branch Diameter T...	
L=Branch Diameter #2	Branch Parts=1	
M=Branch Length #2	Branch Type=Straig...	
N=Angle #2	Branch Diameter T...	
O=Inset #2	Branch Parts=1	
P=Offset #2	Branch Type=Straig...	
Q=Rotation #2	Branch Diameter T...	
R=Extension #2	Branch Parts=1	
S=Branch Diameter #3	Hole Adjust=0.000	
T=Branch Length #3	Branch Allowance ...	
U=Angle #3	Shoe Seam Position...	
V=Inset #3	Branch Type=Straig...	
W=Offset #3	Branch Diameter T...	
X=Rotation #3	Branch Parts=1	
Y=Extension #3	Handle=Yes	
Z=Branch Diameter #4	Handle Type=Square	
a=Branch Length #4	Diameter Adjust=0....	
b=Angle #4	Handle Inline with ...	

Seams

S1=None S6=None
S2=None
S3=None
S4=None
S5=None
Damper:

Pattern: 2155

Pipework



Dims	Options	Conn's
A=Diameter	Top Number Of Segments=2	C1=None
B=Height	Bottom Number Of Segments=2	C2=None
C=Top Radius	Diameter Type=Nominal	C3=None
D=Top Angle	Angle Tolerance=0.000	
E=Top Extension	Two Bends=No	
F=Bottom Radius	Item Pattern Length/Angle=Length	
G=Bottom Angle		
H=Bottom Extension		
I=Twist Angle		

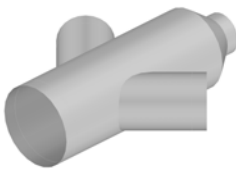
Seams

S1=None

Damper:

Pattern: 2160

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Right Length	Second Break=0.000	C4=None
E=Left Extension	Third Break=0.000	C5=None
F=Right Extension	Seam Position=0.000	
G=Branch Diameter #1	Pipe Diameter Type=Nominal	
H=Branch 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=Branch Diameter #2	Throat Cut Back (Degrees)=0.000	
N=Branch Length #2	Right Diameter Type=Nominal	
O=Angle #2	Plate Border (Circumference)=0.000	
P=Inset #2	Plate Type=Rectangular	
Q=Offset #2	Cut Back Allowance (%)=0.000	
R=Rotation #2	Use Pipe Seam For Branches=No	
S=Extension #2	Plate Border (Length)=Auto	
	Inlet=1	
	Outlet=2	
	End Castle Width =0.000	
	End Castle Angle=30.000	
	Angle Tolerance=0.000	
	Insulate To Nodes=Auto	

Seams

S1=None

S2=None

S3=None

Damper: None

None

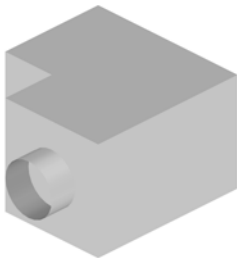
None

None

None

Pattern: 2182

Pipework



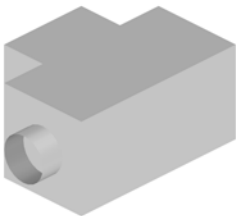
Dims	Options	Conn's
A=Depth	Lengths Include Extensions=No	C1=None
B=Top Width	Inlet=1	C2=None
C=Top Length	Outlet=2	
D=Top Diameter	Connector 1=Top	
E=Top Extension		
F=Left Width		
G=Left Length		
H=Left Diameter		
I=Left Extension		
J=Right Extension		
K=Bottom Extension		
L=Top Diameter		
M=Left Diameter		

Seams

Damper:

Pattern: 2183

Pipework



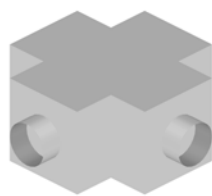
Dims	Options	Conn's
A=Depth	Lengths Include Extensions=No	C1=None
B=Top Width	Inlet=1	C2=None
C=Top Length	Outlet=2	C3=None
D=Top Diameter	Connector 1=Top	
E=Top Extension		
F=Left Width		
G=Left Length		
H=Left Diameter		
I=Left Extension		
J=Right Width		
K=Right Length		
L=Right Diameter		
M=Right Extension		
N=Bottom Extension		
O=Top Diameter		
P=Left Diameter		
Q=Right Diameter		

Seams

Damper:

Pattern: 2184

Pipework



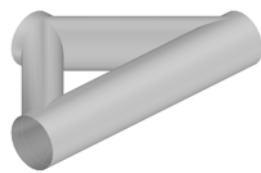
Dims	Options	Conn's
A=Depth	Lengths Include Extensions=No	C1=None
B=Top Width	Inlet=1	C2=None
C=Top Length	Outlet=2	C3=None
D=Top Diameter	Connector 1=Top	C4=None
E=Top Extension		
F=Left Width		
G=Left Length		
H=Left Diameter		
I=Left Extension		
J=Right Width		
K=Right Length		
L=Right Diameter		
M=Right Extension		
N=Bottom Width		
O=Bottom Length		
P=Bottom Diameter		
Q=Bottom Extension		
R=Top Diameter		
S=Left Diameter		
T=Right Diameter		
U=Bottom Diameter		

Seams

Damper:

Pattern: 2185

Pipework



Dims	Options	Conn's
A=Diameter	Inlet=1	C1=None
B=Top Diameter	Outlet=2	C2=None
C=Length		C3=None
D=Height		
E=Left Extension		
F=Right Extension		
G=Top Extension		

Seams

S1=None

Damper:

Pattern: 2186

Pipework



Dims	Options	Conn's
A=Diameter	Type=Right	C1=None
B=Length	Radius=Inner	C2=None
C=Height	Inlet=1	
D=Left Extension	Outlet=2	
E=Right Extension		
F=Radius		

Seams
S1=None

Damper:

Pattern: 2187

Pipework



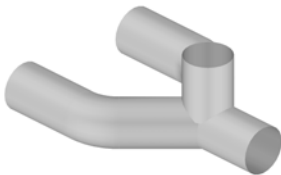
Dims	Options	Conn's
A=Diameter	Radius=Inner	C1=None
B=Length	Inlet=1	C2=None
C=Height	Outlet=2	C3=None
D=Bend Inset		C4=None
E=Left Inset		
F=Right Inset		
G=Radius		
H=Front Left Diameter		
I=Front Left Length		
J=Front Right Diameter		
K=Front Right Length		

Seams
S1=None

Damper:

Pattern: 2188

Pipework



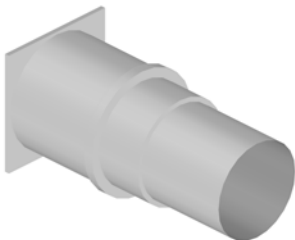
Dims	Options	Conn's
A=Diameter	Type=Double	C1=None
B=Width	Radius=Inner	C2=None
C=Length	Inlet=1	C3=None
D=Btm Length	Outlet=2	C4=None
E=Depth		
F=Radius		

Seams
S1=None

Damper:

Pattern: 2189

Pipework/Equipment



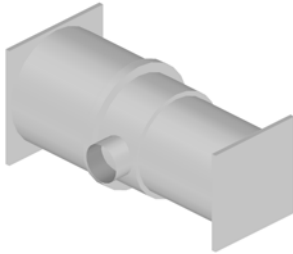
Dims	Options	Conn's
A=Bottom Width	Vertical=No	C1=None
B=Bottom Depth	Pattern=None	C2=None
C=Bottom Diameter	Inlet=2	
D=Middle Diameter #1	Outlet=1	
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		
K=Middle Height #2		
L=Top Height		
M=Bottom Thickness		
N=Top Thickness		
O=Lines		

Seams

Damper:

Pattern: 2190

Pipework/Equipment



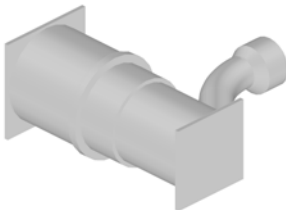
Dims	Options	Conn's
A=Bottom Width	Vertical=No	C1=None
B=Bottom Depth	Pattern=None	C2=None
C=Bottom Diameter	Inlet=2	
D=Middle Diameter #1	Outlet=1	
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		
K=Middle Height #2		
L=Top Height		
M=Bottom Thickness		
N=Top Thickness		
O=Left Diameter		
P=Left Length		
Q=Lines		

Seams

Damper:

Pattern: 2191

Pipework/Equipment



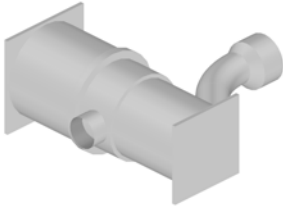
Dims	Options	Conn's
A=Bottom Width	Vertical=No	C1=None
B=Bottom Depth	Pattern=None	C2=None
C=Bottom Diameter	Inlet=2	
D=Middle Diameter #1	Outlet=1	
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		
K=Middle Height #2		
L=Top Height		
M=Bottom Thickness		
N=Top Thickness		
O=Right Diameter #1		
P=Right Length #1		
Q=Right Diameter #2		
R=Right Length #2		
S=Right Inset		
T=Right Offset		
U=Right Centre Inset		
V=Right Centre Offset		
W=Right Radius		
X=Right Angle		
Y=Lines		

Seams

Damper:

Pattern: 2192

Pipework/Equipment



Dims	Options	Conn's
A=Bottom Width	Vertical=No	C1=None
B=Bottom Depth	Pattern=None	C2=None
C=Bottom Diameter	Inlet=2	C3=None
D=Middle Diameter #1	Outlet=1	
E=Middle Diameter #2		
F=Top Diameter		
G=Top Width		
H=Top Depth		
I=Bottom Height		
J=Middle Height #1		
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 Centre Inset		
X=Right Centre Offset		
Y=Right Radius		
Z=Right Angle		
a=Lines		

Seams

Damper:

Pattern: 2193

Pipework



Dims	Options	Conn's
A=Diameter	Radius=Inner	C1=None
B=Length	Inlet=1	C2=None
C=Height	Outlet=2	C3=None
D=Bend Inset		
E=Left Inset		
F=Radius		
G=Front Left Diameter		
H=Front Left Length		

Seams

S1=None

Damper:

Pattern: 2194

Pipework



Dims	Options	Conn's
A=Diameter	Radius=Inner	C1=None
B=Length	Inlet=1	C2=None
C=Height	Outlet=2	C3=None
D=Bend Inset		
E=Right Inset		
F=Radius		
G=Front Right Diameter		
H=Front Right Length		

Seams
S1=None

Damper:

Pattern: 2195

Pipework



Dims	Options	Conn's
A=Diameter	Radius=Inner	C1=None
B=Length	Inlet=1	C2=None
C=Height	Outlet=2	
D=Bend Inset		
E=Radius		

Seams
S1=None

Damper:

Pattern: 2196

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Inlet=1	C1=None
B=Vent Diameter	Outlet=2	C2=None
C=Trap Height	Angle Tolerance=0.000	C3=None
D=Vent Spacing		C4=None
E=Bend Radius		
F=Left Pipe Length		
G=Left Pipe Offset		
H=Right Pipe Length		
I=Right Pipe Offset		

Seams

Damper:

Pattern: 2197

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Inlet=1	C1=None
B=Radius	Outlet=2	C2=None
C=Height	Angle Tolerance=0.000	C3=None
D=Depth	Radius=Inner	
E=Left Length		
F=Mid Length		
G=Right Length		
H=Vent Diameter		
I=Vent Offset		

Seams

Damper:

Pattern: 2198

Pipework



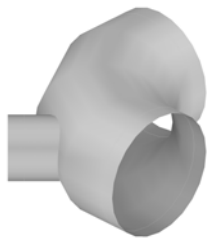
Dims	Options	Conn's
A=Pipe Diameter	Inlet=1	C1=None
B=Radius	Outlet=2	C2=None
C=Height	Angle Tolerance=0.000	C3=None
D=Depth	Radius=Inner	C4=None
E=Left Length		
F=Mid Length		
G=Right Length		
H=Vent Diameter		
I=Vent Offset		

Seams

Damper:

Pattern: 2326

Pipework



Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Pipe Diameter Type=Nominal	C2=None
C=Inner Radius	Branch Diameter Type=Nominal	C3=None
D=Angle	Middle Segment=Yes	C4=None
E=Bottom Extension	Angle Tolerance=0.000	
F=Top Extension	Reducing Branch=0.000	
G=Branch Diameter	Rotation=0.000	
H=Branch Length	Branch Only=No	
I=Branch Angle	Inlet=2	
J=Branch Extension	Outlet=3	
K=Branch Offset	Full Intersections=No	
	Item Volume=Segmented	

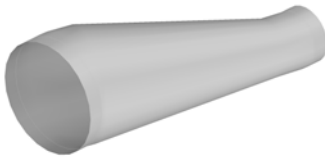
Seams

S1=None
S2=None

Damper:

Pattern: 2386

Pipework



Dims	Options	Conn's
A=Left Diameter	Left Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Length		C3=None
D=Offset		
E=Left Collar		
F=Right Collar		
G=Inner Radius		

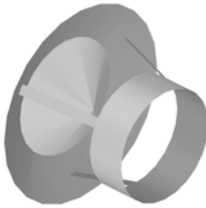
Seams

S1=None

Damper: None
None

Pattern: 2388

Pipework



Dims	Options	Conn's
A=Outer Diameter	Number Of Struts=3	C1=None
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	

Seams

S1=None

Damper:

Pattern: 2522

Pipework/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Number of Sides=0	C2=None
C=Length	Back Fillet=0.000	
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	
	Quantity=2	
	Straight=Yes	
	Length=0.000	
	Angle=0.000	
	Chamfer=Auto	
	Hidden Detail=Yes	
		Seams
		S1=None
		Damper:

Pattern: 2523

Pipework



Dims	Options	Conn's
A=Diameter	Number Of Segments=16	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Angle Tolerance=0.000	C3=None
D=Bottom Extension	Mark Sides=No	
E=Top Extension	Leg Lengths=No	
	Fixing Holes On Extension=Yes	
	Square Outer Insulation=No	
	Outer Insulation Extensions=No	
	Centreline Length With Extensions=No	
	Inlet=2	
	Outlet=3	
	Item Volume=Segmented	
		Seams
		S1=None

Damper: None
None

Pattern: 2524

Pipework/Equipment



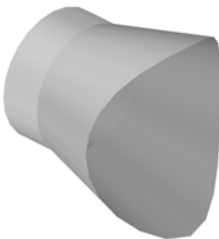
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Number of Sides=0	
C=Length	Back Fillet=0.000	
D=Offset	Front Fillet=0.000	
E=Right Collar	Width=0.000	
F=Right Diameter	Depth=0.000	
G=Nut Diameter	Height=0.000	
H=Hex Length	Height=0.000	
	Width=0.000	
	Depth=0.000	
	Quantity=2	
	Straight=Yes	
	Length=0.000	
	Angle=0.000	
	Chamfer=Auto	

Seams
S1=None

Damper:

Pattern: 2751

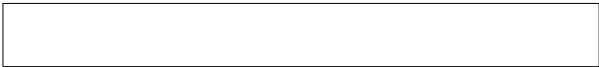
Pipework



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Seam Position=0.000	C2=None
C=Branch Length	Pipe Diameter Type=Nominal	C3=None
D=Angle	Branch Diameter Type=Nominal	
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	
	Plate Border (Width)=Auto	
	Reducer Parts=1	

Seams
S1=None
S2=None

Damper: None
None
None



Pattern: 2814

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	C5=None
F=Branch Length	Seam Position=0.000	C6=None
G=Angle	Pipe Diameter Type=Nominal	
H=Inset	Branch Diameter Type=Nominal	
I=Offset	Branch Diameter Type=Nominal	
J=Rotation	Hole Adjust=0.000	
K=Extension	Branch Allowance To Pipe=0.000	
L=Collar	Throat Cut Back (Degrees)=0.000	
M=Branch Diameter	Reducer Parts=1	
N=Branch Length	Branch Inset=Front	
O=Angle		
P=Inset		
Q=Offset		
R=Rotation		
S=Extension		
T=Collar		

Seams

S1=None

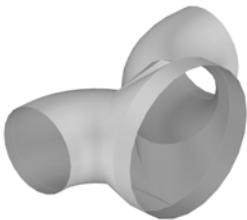
S2=None

S3=None

Damper:

Pattern: 2821

Pipework

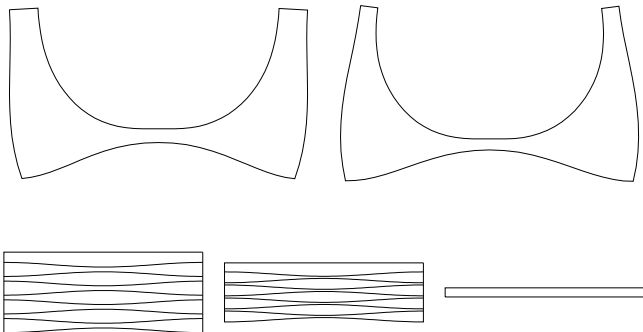


Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Left Diameter	Left Diameter Type=Nominal	C3=None
D=Right Radius	Number Of Segments=8	C4=None
E=Left Radius	Number Of Segments=8	C5=None
F=Right Angle	Inlet=1	C6=None
G=Left Angle	Outlet=2	
H=Bottom Extension		
I=Right Extension		
J=Left Extension		

Seams

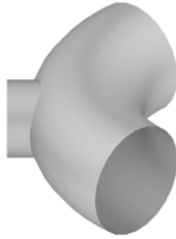
S1=None

Damper:



Pattern: 2857

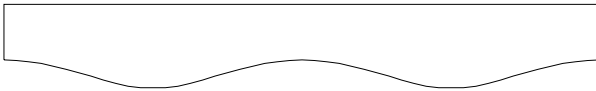
Pipework/Equipment



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Centre Radius	Branch Diameter Type=Nominal	C2=None
C=Branch Diameter	Rotation=Top	C3=None
D=Branch Length	Angle Tolerance=0.000	
E=Bottom Extension	Leg Lengths=No	
F=Top Extension		
G=Angle		
H=Rotation		
I=Bend Angle		
J=Inner Radius		

Seams

Damper:



Pattern: 2868

Pipework/Equipment



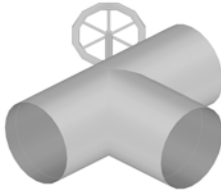
Dims	Options	Conn's
A=Diameter	Type=Round	C1=None
B=Left Collar	Number Of Struts=6	C2=None
C=Right Collar	Handle Inline with Body=No	
D=Shaft Diameter #1	Handle Type=Round	
E=Shaft Diameter #2	Handle Rotation=0.000	
F=Shaft Diameter #3	Draw Globe as Disc=No	
G=Shaft Diameter #4	Nut Sides=6	
H=Shaft Length #1	Square Handle=Mitred	
I=Shaft Length #2		
J=Shaft Length #3		
K=Shaft Length #4		
L=Handle Diameter		
M=Handle Angle		
N=Strut Diameter		
O=Handle Length		
P=Globe X Diameter		
Q=Globe Y Diameter		
R=Box Width		
S=Box Depth		
T=Box Height		
U=Square Handle Length		
V=Square Handle Thickness		
W=Square Handle Fillet		
X=Bonnet X Offset		
Y=Bonnet Y Offset		
Z=Nut Length		
a=Nut Thickness		
b=Nut Top Fillet		

Seams

Damper:

Pattern: 2869

Pipework/Equipment



Dims	Options	Conn's
A=Diameter	Number Of Struts=6	C1=None
B=Left Length	Handle Inline with Body=No	C2=None
C=Right Length	Handle Type=Round	C3=None
D=Left Collar	Handle Rotation=0.000	
E=Right Collar	Draw Globe as Disc=No	
F=Branch Diameter	Nut Sides=6	
G=Branch Length	Square Handle=Mitred	
H=Branch Collar	Length Includes Extensions=No	
I=Shaft Diameter #1	Branch Rotation=0.000	
J=Shaft Diameter #2	Inlet=1	
K=Shaft Diameter #3	Outlet=2	Seams
L=Shaft Diameter #4		
M=Shaft Length #1		
N=Shaft Length #2		
O=Shaft Length #3		
P=Shaft Length #4		
Q=Handle Diameter		Damper:
R=Handle Angle		
S=Strut Diameter		
T=Handle Length		
U=Globe X Diameter		
V=Globe Y Diameter		
W=Box Width		
X=Box Depth		
Y=Box Height		
Z=Square Handle Length		
a=Square Handle Thickness		
b=Square Handle Fillet		

Pattern: 2873

Pipework/Equipment



Dims	Options	Conn's
A=Diameter	Spacing=50.000	C1=None
B=Length	Diameter Ratio=1.100	C2=None
C=Item Centre Line Length	Max Length=0.000	
	Draw as Single Line=No	
	Number Of Round Sections=12	

Seams

Damper:

Pattern: 2875

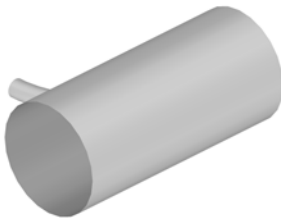
Pipework



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter #1	First Break=0.000	C2=None
C=Branch Length #1	Second Break=0.000	C3=None
D=Angle #1	Third Break=0.000	
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	
	Throat Cut Back (Degrees)=0.000	
	Plate Border (Circumference)=0.000	
	Plate Type=Rectangular	
	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	
		Seams
		S1=None
		S2=None
		Damper: None
		None
		None

Pattern: 2881

Pipework/Equipment



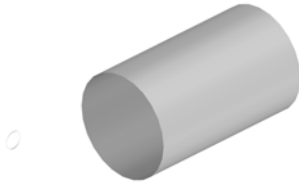
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter	Angle Tolerance=0.000	C2=None
C=Branch Length	Inlet=2	
D=Angle	Outlet=1	
E=Collar	Branch Centreline Length With Collar=No	
	Number Of Segments=12	

Seams

Damper:

Pattern: 2882

Pipework/Equipment



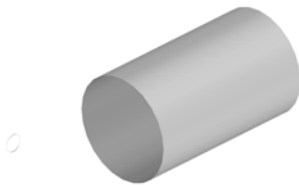
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter #1	Rotation=0.000	C2=None
C=Branch Length #1	Angle Tolerance=0.000	C3=None
D=Pipe Length	Inlet=2	C4=None
E=Inset #1	Outlet=3	C5=None
F=Left Collar	Number Of Segments=12	C6=None
G=Right Collar		
H=Angle #1		
I=Collar #1		
J=Branch Diameter #2		
K=Branch Length #2		
L=Branch Inset #2		
M=Collar #2		
N=Rotation #2		
O=Branch Diameter #3		
P=Branch Length #3		
Q=Branch Inset #3		
R=Collar #3		
S=Rotation #3		

Seams

Damper:

Pattern: 2883

Pipework/Equipment



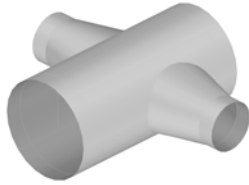
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter #1	Rotation=0.000	C2=None
C=Branch Length #1	Angle Tolerance=0.000	C3=None
D=Pipe Length	Inlet=1	C4=None
E=Inset #1	Outlet=2	C5=None
F=Left Collar	Number Of Segments=12	C6=None
G=Right Collar		
H=Angle #1		
I=Collar #1		
J=Branch Diameter #2		
K=Branch Length #2		
L=Branch Inset #2		
M=Collar #2		
N=Rotation #2		
O=Branch Diameter #3		
P=Branch Length #3		
Q=Branch Inset #3		
R=Collar #3		
S=Rotation #3		

Seams

Damper:

Pattern: 2884

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Seam Position=0.000	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Branch Diameter #1	Second Break=0.000	
F=Hole Width #1	Third Break=0.000	
G=Hole Depth #1	Pipe Diameter Type=Nominal	
H=Branch Length #1	Branch Diameter Type=Nominal	
I=Angle #1	Hole Adjust=0.000	
J=Inset #1	Branch Allowance To Pipe=0.000	
K=Offset #1	Branch Seam Position=0.000	
L=Rotation #1	Plate Border=0.000	
M=Collar #1	Plate Border (Width)=Equal	
N=Hole Offset #1	Plate Type=Rectangular	
O=Branch Diameter #2	Inlet=1	
P=Hole Width #2	Outlet=2	
Q=Hole Depth #2		
R=Branch Length #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		
X=Hole Offset #2		

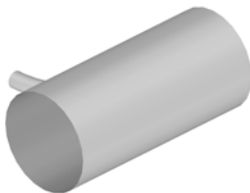
Seams

S1=None
S2=None

Damper:

Pattern: 2885

Pipework/Equipment



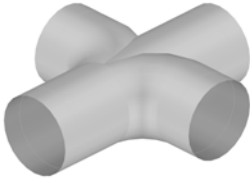
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter #1	Angle Tolerance=0.000	C2=None
C=Branch Length #1	Inlet=2	
D=Angle #1	Outlet=1	
E=Collar #1	Number Of Segments=12	

Seams

Damper:

Pattern: 2886

Pipework/Equipment



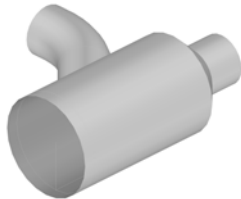
Dims	Options	Conn's
A=Pipe Diameter	Access Panel=No	C1=None
B=Pipe Length	Inlet=1	C2=None
C=Left Extension	Outlet=2	C3=None
D=Right Extension	Angle Tolerance=0.000	C4=None
E=Branch Diameter #1	Number Of Segments=Auto	
F=Branch Length #1		
G=Branch Angle #1		
H=Branch Inset #1		
I=Branch Radius #1		
J=Branch Extension #1		
K=Branch Rotation #1		
L=Branch Diameter #2		
M=Branch Length #2		
N=Branch Angle #2		
O=Branch Inset #2		
P=Branch Radius #2		
Q=Branch Extension #2		
R=Branch Rotation #2		

Seams

Damper:

Pattern: 2899

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Number Of Segments=8	C1=None
B=Partial Length	Inlet=1	C2=None
C=Left Extension	Outlet=2	C3=None
D=Right Extension		C4=None
E=Branch Diameter		C5=None
F=Branch Angle		
G=Branch Inset		
H=Bend Inset		
I=Branch Height		
J=Bend Extension		
K=End Reducer Diameter		
L=End Reducer Length		
M=Branch Reducer Diam...		
N=Branch Reducer Length		

Seams

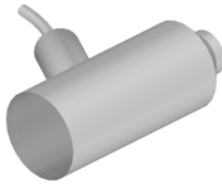
S1=None

S2=None

Damper:

Pattern: 2900

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Diameter Type=Outside	C1=None
B=Partial Length	Number Of Segments=4	C2=None
C=Left Extension	Inlet=1	C3=None
D=Right Extension	Outlet=2	
E=Reducer Diameter	Angle Tolerance=0.000	
F=Reducer Length	Input=Partial Length	
G=Branch Reducer Diamo...	Lengths Include Collars=Yes	
H=Branch Reducer Length		
I=Branch Diameter		
J=Branch Length		
K=Branch Angle		
L=Branch Height		
M=Branch Inset		
N=Bend Inset		
O=Bend Radius		
P=Bend Angle		
Q=Bend Extension		

Seams

Damper:

Pattern: 2901

Pipework



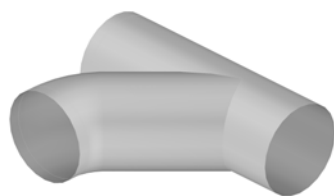
Dims	Options	Conn's
A=Pipe Diameter	Diameter Type=Outside	C1=None
B=Partial Length	Number Of Segments=4	C2=None
C=Left Extension	Inlet=1	C3=None
D=Right Extension	Outlet=2	C4=None
E=Reducer Diameter	Angle Tolerance=0.000	
F=Reducer Length	Input=Partial Length	
G=Branch Reducer Diamo...	Lengths Include Collars=Yes	
H=Branch Reducer Lent...		
I=Branch Diameter #1		
J=Branch Length #1		
K=Branch Angle #1		
L=Branch Height #1		
M=Branch Inset #1		
N=Bend Inset #1		
O=Bend Radius #1		
P=Bend Angle #1		
Q=Bend Extension #1		
R=Branch Reducer Diamo...		
S=Branch Reducer Length...		
T=Branch Diameter #2		
U=Branch 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		

Seams

Damper:

Pattern: 2902

Pipework



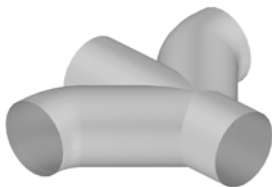
Dims	Options	Conn's
A=Diameter	Radius=Centreline	C1=None
B=Length	Inlet=1	C2=None
C=Extension	Outlet=2	C3=None
D=Branch Diameter	Angle Tolerance=0.000	
E=Branch Length		
F=Branch Extension		
G=Branch Inset		
H=Bend Radius		
I=Branch Angle		

Seams

Damper:

Pattern: 2903

Pipework



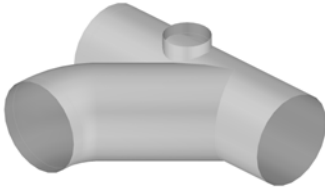
Dims	Options	Conn's
A=Diameter	Radius=Centreline	C1=None
B=Length	Inlet=1	C2=None
C=Extension	Outlet=2	C3=None
D=Branch Diameter #1	Angle Tolerance=0.000	C4=None
E=Branch Length #1		
F=Branch Extension #1		
G=Branch Inset #1		
H=Bend Radius #1		
I=Branch Angle #1		
J=Branch Diameter #2		
K=Branch Length #2		
L=Branch Extension #2		
M=Branch Inset #2		
N=Bend Radius #2		
O=Branch Angle #2		

Seams

Damper:

Pattern: 2904

Pipework



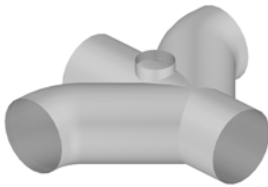
Dims	Options	Conn's
A=Diameter	Type=Front	C1=None
B=Length	Radius=Centreline	C2=None
C=Extension	Inlet=1	C3=None
D=Branch Diameter	Outlet=2	C4=None
E=Branch Length	Angle Tolerance=0.000	
F=Branch Extension		
G=Branch Inset		
H=Bend Radius		
I=Branch Angle		
J=Inlet Diameter		
K=Inlet Length		
L=Inlet Extension		
M=Inlet Inset		
N=Inlet Offset		

Seams

Damper:

Pattern: 2905

Pipework



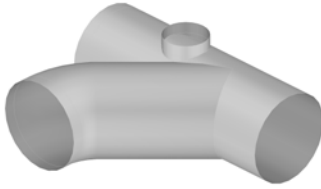
Dims	Options	Conn's
A=Diameter	Type=Front	C1=None
B=Length	Radius=Centreline	C2=None
C=Extension	Inlet=1	C3=None
D=Branch Diameter #1	Outlet=2	C4=None
E=Branch Length #1	Angle Tolerance=0.000	C5=None
F=Branch Extension #1		
G=Branch Inset #1		
H=Bend Radius #1		
I=Branch Angle #1		
J=Branch Diameter #2		
K=Branch Length #2		
L=Branch Extension #2		
M=Branch Inset #2		
N=Bend Radius #2		
O=Branch Angle #2		
P=Inlet Diameter		
Q=Inlet Length		
R=Inlet Extension		
S=Inlet Inset		
T=Inlet Offset		

Seams

Damper:

Pattern: 2906

Pipework



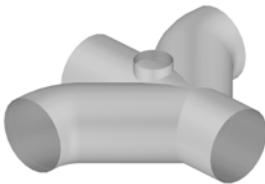
Dims	Options	Conn's
A=Diameter	Radius=Centreline	C1=None
B=Length	Inlet=1	C2=None
C=Extension	Outlet=2	C3=None
D=Branch Diameter	Angle Tolerance=0.000	C4=None
E=Branch Length		C5=None
F=Branch Extension		
G=Branch Inset		
H=Bend Radius		
I=Branch Angle		
J=Inlet Diameter		
K=Inlet Length		
L=Inlet Extension		
M=Inlet Inset		
N=Inlet Offset		

Seams

Damper:

Pattern: 2907

Pipework



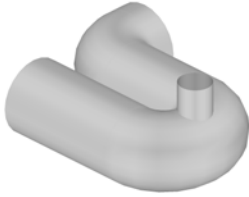
Dims	Options	Conn's
A=Diameter	Radius=Centreline	C1=None
B=Length	Inlet=1	C2=None
C=Extension	Outlet=2	C3=None
D=Branch Diameter #1	Angle Tolerance=0.000	C4=None
E=Branch Length #1		C5=None
F=Branch Extension #1		C6=None
G=Branch Inset #1		
H=Bend Radius #1		
I=Branch Angle #1		
J=Branch Diameter #2		
K=Branch Length #2		
L=Branch Extension #2		
M=Branch Inset #2		
N=Bend Radius #2		
O=Branch Angle #2		
P=Inlet Diameter		
Q=Inlet Length		
R=Inlet Extension		
S=Inlet Inset		
T=Inlet Offset		

Seams

Damper:

Pattern: 2916

Pipework/Equipment



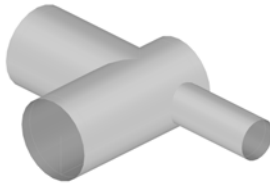
Dims	Options	Conn's
A=Diameter	Rotation=0.000	C1=None
B=Depth	Inlet=1	C2=None
C=Height	Outlet=2	C3=None
D=Bottom Radius	Angle Tolerance=0.000	
E=Right Radius		
F=Height		
G=Angle Out		
H=Base Angle		
I=C2 Inner Diameter		
J=Bottom Diameter		
K=Bottom Length		
L=Bottom Rotation		

Seams

Damper:

Pattern: 2938

Pipework



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Number Of Segments=4	C3=None
D=Right Extension	Correct Branch Insets=Yes	C4=None
E=Branch Diameter #1	Insets To Branch End=No	C5=None
F=Centre Radius #1	Heights To Bend End=No	
G=Angle #1	Inlet=1	
H=Inset #1	Outlet=2	
I=Height #1		
J=Twist Angle #1		
K=Extension #1		
L=Branch Diameter #2		
M=Centre Radius #2		
N=Angle #2		
O=Inset #2		
P=Height #2		
Q=Twist Angle #2		
R=Extension #2		

Seams

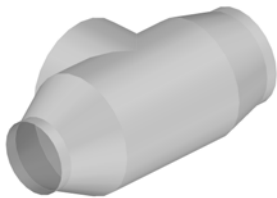
S1=None

S2=None

Damper:

Pattern: 2965

Pipework



Dims	Options	Conn's
A=Top Diameter	Inlet=1	C1=None
B=Top Extension	Outlet=2	C2=None
C=Left Diameter	Lengths Include Extensions=No	C3=None
D=Left Length	Body Diameter=Top Diameter	C4=None
E=Left Offset	Central=No	C5=None
F=Left Inset		
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		

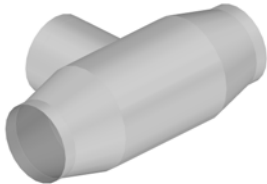
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 2966

Pipework



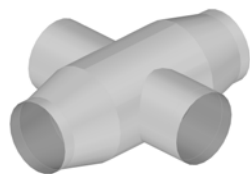
Dims	Options	Conn's
A=Left Diameter	Lengths Include Collars=Yes	C1=None
B=Left Length	Inlet=2	C2=None
C=Left Reducer Length	Outlet=3	C3=None
D=Left Collar	Angle Tolerance=0.000	C4=None
E=Left Extension		
F=Right Diameter		
G=Right Length		
H=Right Reducer Length		
I=Right Collar		
J=Right Extension		
K=Body Diameter		
L=Branch Diameter		
M=Branch Length		
N=Branch Collar		
O=Branch Angle		

Seams

Damper:

Pattern: 2967

Pipework



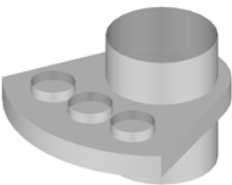
Dims	Options	Conn's
A=Left Diameter	Lengths Include Collars=Yes Inlet=2 Outlet=3 Angle Tolerance=0.000	C1=None
B=Left Length #1		C2=None
C=Left Length #2		C3=None
D=Left Reducer Length		C4=None
E=Left Collar		C5=None
F=Left Extension		
G=Right Diameter		
H=Right Length		
I=Right Reducer Length		
J=Right Collar		
K=Right Extension		
L=Body Diameter		
M=Branch Diameter #1		
N=Branch Length #1		
O=Branch Collar #1		
P=Branch Angle #1		
Q=Branch Diameter #2		
R=Branch Length #2		
S=Branch Collar #2		
T=Branch Angle #2		

Seams

Damper:

Pattern: 2979

Pipework



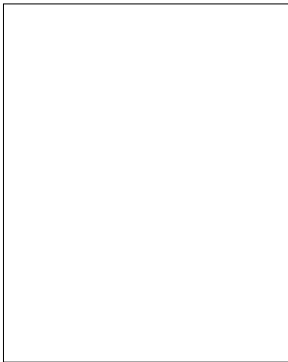
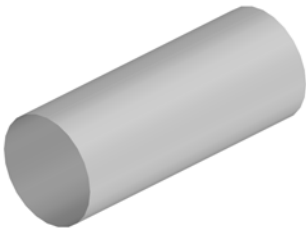
Dims	Options	Conn's
A=Diameter		C1=None
B=Distance		C2=None
C=Distance		C3=None
D=Radius		C4=None
E=Width		C5=None
F=Top Collar		
G=Bottom Collar		
H=Height		
I=Height		
J=Hole Diameter		
K=Hole Diameter		
L=Hole Diameter		
M=Distance		
N=Distance		
O=Distance		
P=Hole Angle		
Q=Hole Angle		
R=Hole Angle		
S=Height		

Seams

Damper:

Pattern: 3041

Pipework



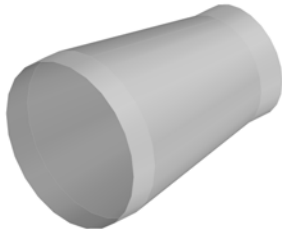
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Lengths Include Connector Adjust=No	
D=Right Extension	Pipe Parts=1	
	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 3051

Pipework



Dims	Options	Conn's
A=Diameter In	Diameter Type BE=Nominal	C1=None
B=Diameter Out	Diameter Type SE=Nominal	C2=None
C=Length	Cross Break=1	
D=Left Extension	Length Break=1	
E=Right Extension	Seam For Weathering=No	
F=Angle	Input=Length	
	Length Includes Extensions=No	
	Auto Oversize=Normal	

Seams
S1=None

Damper: None
None

Pattern: 3060

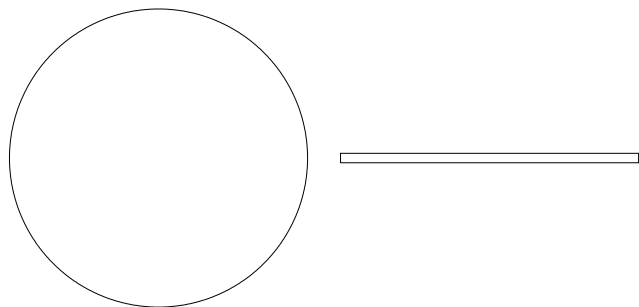
Pipework

Dims		Options	Conn's
A=Diameter	B=Collar	Diameter Type=Nominal	C1=None
C=Height			



Seams

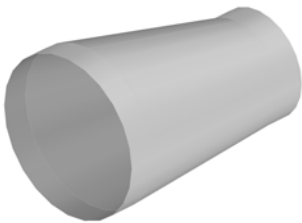
Damper:



Pattern: 3071

Pipework

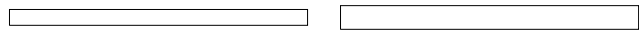
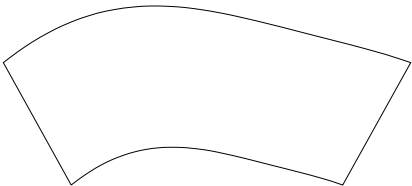
Dims		Options	Conn's
A=Diameter In		Diameter Type BE=Nominal	C1=None
B=Diameter Out		Diameter Type SE=Nominal	C2=None
C=Length		Cross Break=1	
D=Y-Offset		Seam Position=0.000	
E=Left Extension		Length Break=1	
F=Right Extension		Marker Type=Notch	
G=Round Angle		Length Includes Extensions=No	



Seams

S1=None

Damper: None
None



Pattern: 3108

Pipework/Equipment

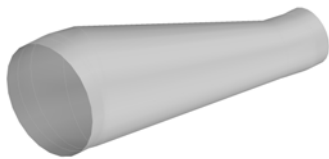


Dims	Options	Conn's
A=Diameter	Bend Radius=4.000	C1=None
B=Length	Factor Type=Multiples Of Diameter	C2=None
C=Lead Length	Max Length=0.000	
	Number Of Round Sections=12	
	Length=Auto	
	Length Adjust=0.000	
	Number Of Segments=Auto	
	Straight Annotation=Up	
	Bend Annotation=Front	
	Allowance=Default	
		Seams

Damper:

Pattern: 3386

Pipework



Dims	Options	Conn's
A=Left Diameter	Left Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Length		C3=None
D=Offset		
E=Left Collar		
F=Right Collar		
G=Inner Radius		
		Seams
		S1=None

Damper: None
None

Pattern: 3522

Pipework/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Number of Sides=0	C2=None
C=Length	Back Fillet=0.000	
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	
	Quantity=2	
	Straight=Yes	
	Length=0.000	
	Angle=0.000	
	Chamfer=Auto	

Seams

S1=None

Damper:

Pattern: 3523

Pipework/Equipment



Dims	Options	Conn's
A=Diameter	Number Of Segments=16	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Angle Tolerance=0.000	C3=None
D=Bottom Extension	Mark Sides=No	
E=Top Extension	Leg Lengths=No	
	Fixing Holes On Extension=Yes	
	Square Outer Insulation=No	
	Outer Insulation Extensions=No	

Seams

S1=None

Damper: None
None

Pattern: 3873

Pipework/Equipment



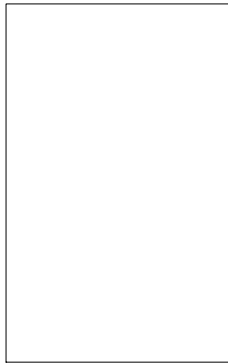
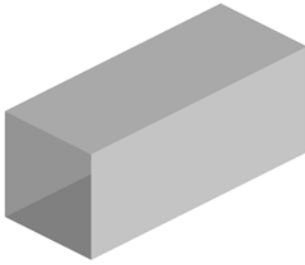
Dims	Options	Conn's
A=Diameter	Spacing=50.000	C1=None
B=Length	Diameter Ratio=1.100	C2=None
C=Item Centre Line Length	Max Length=0.000	
	Draw as Single Line=No	
	Number Of Round Sections=12	

Seams

Damper:

Pattern: 1

Rectangular



Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		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	

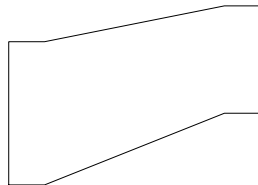
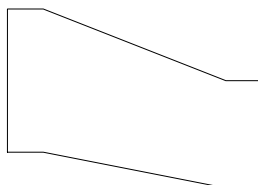
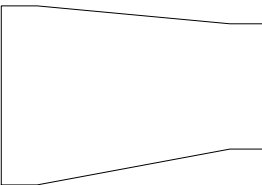
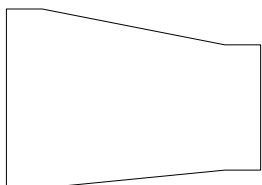
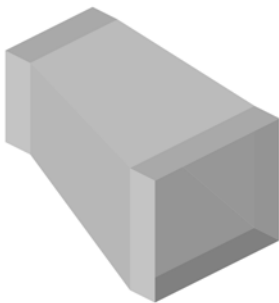
Seams

S1=None

Damper:

Pattern: 2

Rectangular/Fabrication



Dims		Options	Conn's
A=Width In		2 Parts=No	Fixing Holes on Tur... C1=None
B=Depth In		3 Parts=No	Seam Cut Back=0.0... C2=None
C=Width Out		Vee Depth Male=A...	
D=Depth Out		Vee Depth Female=...	
E=Length		Vee Notch Angle=2...	
F=Extension In		Taper Notch If Strai...	
G=Extension Out		Female Allow=Shor...	
H=Offset Width		2-Sided Part Allowa...	
I=Offset Depth		Offset Width=Left In	
J=Angle		Offset Depth=Botto...	
		Taper Notch If Strai...	
		Use Taper Notch F...	
		Connector Fold Not...	
		Vee Notch Depth=...	
		Vee Notch Angle=3...	
		Input=Length	
		Vee Notch Depth If...	
		Maximum Angle=1...	
		Splitter Turnover=0...	
		Splitter Extension=...	
		Splitter Adjust=0.000	
		Connector Fold Not...	
		Vee Notch Depth=...	
		Vee Notch Angle=3...	
		Splitter Hole Diamo...	
		Number Of Holes=...	
		Splitters=Half	
		Hole Inset=0.000	

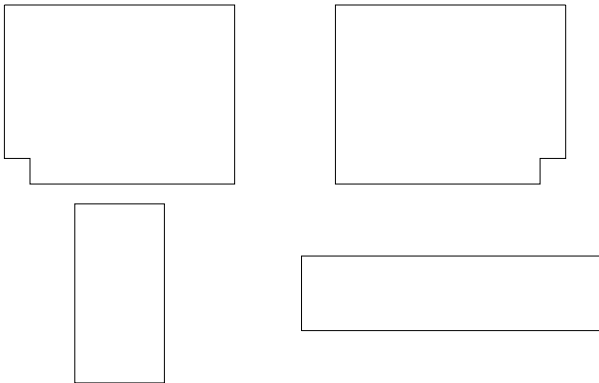
Seams

S1=None

Damper:

Pattern: 3

Rectangular



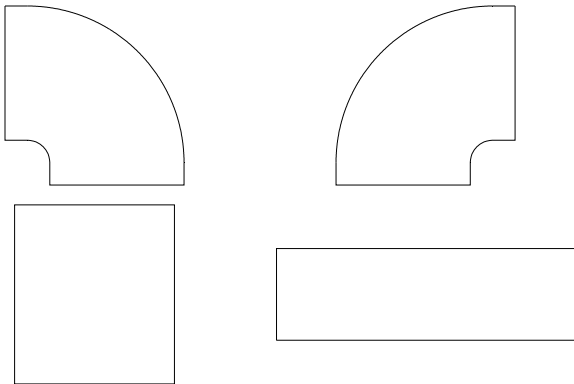
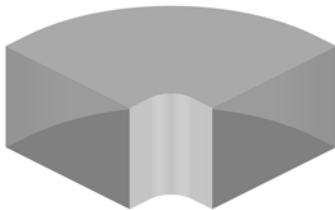
Dims	Options	Conn's
A=Top Width	Length Adjust For Part 4=0.000	C1=None
B=Depth	Length Adjust For Part 3=0.000	C2=None
C=Btm Width	Vee Depth Male=Auto	
D=Top Extension	Vee Depth Female=Auto	
E=Bottom Extension	Vee Angle Male=30	
	Vee Angle Female=30	
	3 Parts=No	
	Seam Number For Throat=	
	2 Part Wrapper=No	
	Attenuator=No	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Insulation Parts=Same	

Seams
S1=None
S2=None

Damper:

Pattern: 4

Rectangular



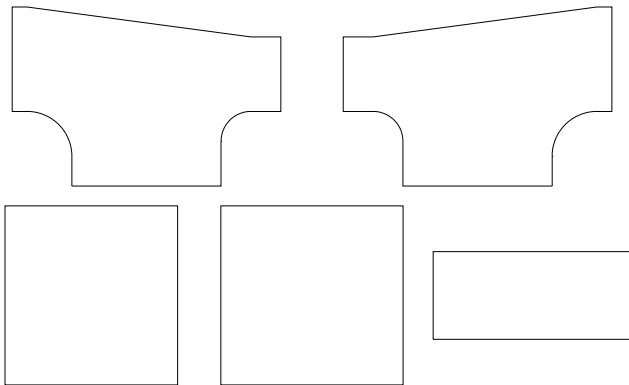
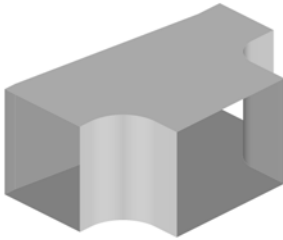
Dims	Options	Conn's
A=Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Angle	Length Adjust For Part 3=0.000	
D=Top Extension	Vee Depth Male=Auto	
E=Bottom Extension	Vee Depth Female=Auto	
F=Inner Radius	Vee Angle Male=30	
	Vee Angle Female=30	
	Auto Oversize=Normal	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 5

Rectangular



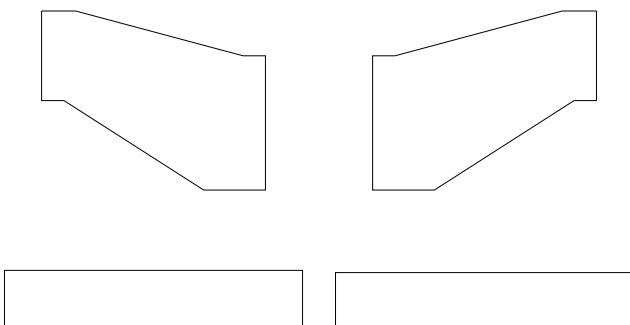
Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Depth	3 Parts=No	C2=None
C=Left Width	Vee Depth Male=Auto	C3=None
D=Right Width	Vee Depth Female=Auto	
E=Right Radius	Vee Notch Angle=30.000	
F=Left Radius	Hole Diameter=0.500	
G=Btm Right Extension	Hole Spacing=2.000	
H=Btm Left Extension	Splitters=No	
I=Right Extension	Inlet=1	
J=Left Extension	Outlet=2	
K=Splitter Distance	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 6

Rectangular



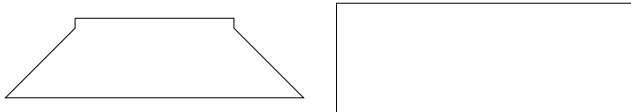
Dims	Options	Conn's
A=Left Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Right Width	Vee Notch Angle=30.000	
D=Length	Seam Cut Back=0.000	
E=Left Extension	Allow Central Tie Rods=No	
F=Right Extension	Insulation Parts=Same	
G=Offset Width	Split Mitre=No	
H=Angle		
I=Left Extension		
J=Right Extension		
K=Right Width		

Seams
S1=None

Damper: None
None

Pattern: 7

Rectangular



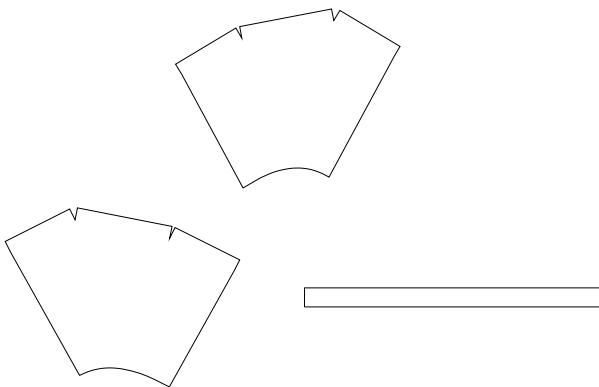
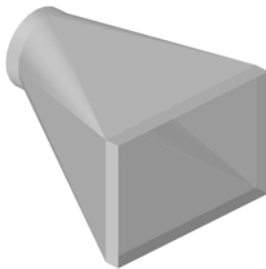
Dims	Options	Conn's
A=Top Width	Throat Type=Mitred	C1=None
B=Depth	2 Parts=Yes	C2=None
C=Height	Vee Depth Male=Auto	
D=Top Extension	Vee Depth Female=Auto	
E=Bottom Extension	Vee Notch Angle=30.000	
F=Btm Width	Connector Fold Notch=Use Default	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	
	Connector Fold Notch=Use Default	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	
	Dynamic Hole Adjust=Auto	

Seams
S1=None

Damper: None
None

Pattern: 8

Rectangular/Round



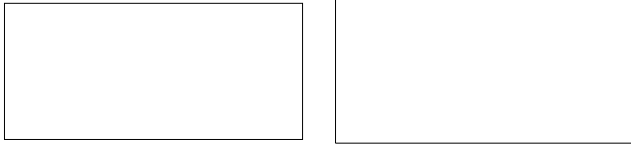
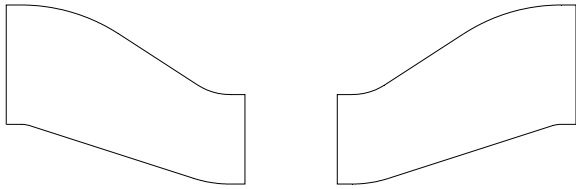
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	Fold Notch Depth=Full Allowance	
	Hide Internal Lines=No	
	Show Center Line=No	
	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

Seams
S1=None

Damper: None

Pattern: 9

Rectangular



Dims	Options	Conn's
A=Width In	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Width Out	Vee Angle Male=30	
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	Wraps V Notch If Zero Radius=No	
I=Radius In		

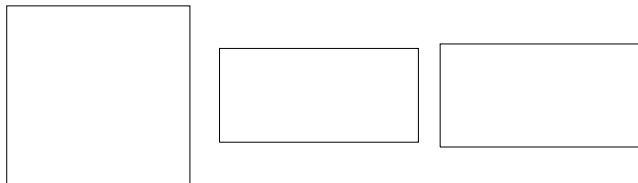
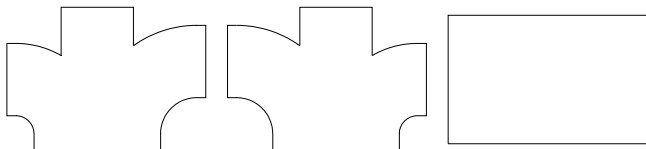
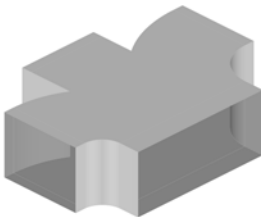
Seams

S1=None

Damper:

Pattern: 10

Rectangular



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Left Throat Type=Radius	C2=None
C=Top Width	Vee Depth Male=Auto	C3=None
D=Right Width	Vee Depth Female=Auto	C4=None
E=Left Width	Vee Angle Male=30	
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	
K=Right Angle	2 Part Wrapper=No	
L=Left Angle	Top Right=Straight	
M=Btm Right Extension	Top Left=Straight	
N=Btm Left Extension	Outlet=2	
O=Right Extension	Insulation Parts=Same	
P=Left Extension		
Q=Top Extension		

Seams

S1=None

S2=None

Damper:

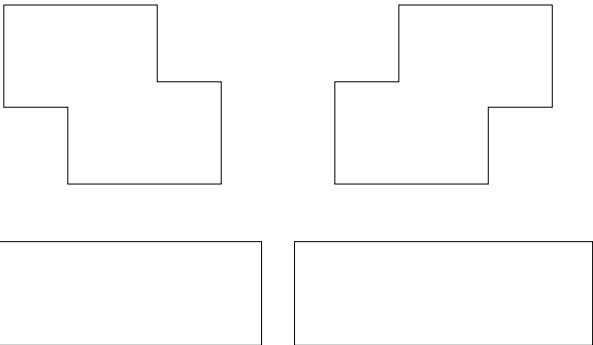
Pattern: 11

Rectangular



Dims	Options	Conn's
A=Left Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Right Width	Vee Notch Angle=20.000	
D=Length	Insulation Parts=Same	
E=Left Extension		
F=Right Extension		
G=Offset Width		

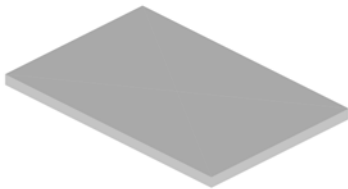
Seams
S1=None



Damper:

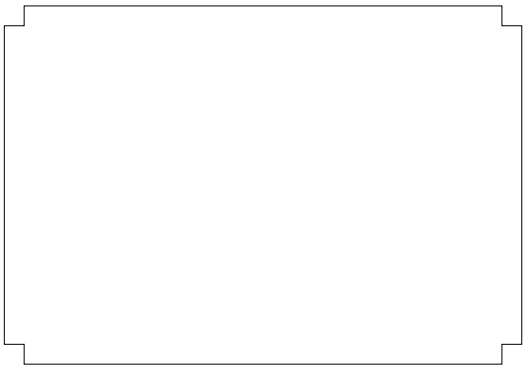
Pattern: 12

Rectangular



Dims	Options	Conn's
A=Width	Duct Adjust=0.000	C1=None
B=Depth	Add Allowance To Body=No	
C=Turnover	Mirror=No	
	Symbol=Yes	

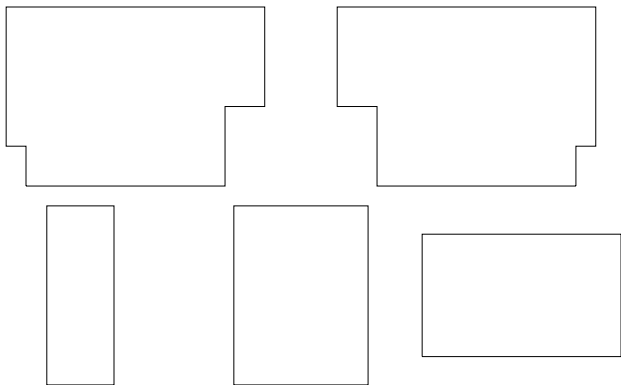
Seams
S1=None



Damper:

Pattern: 13

Rectangular



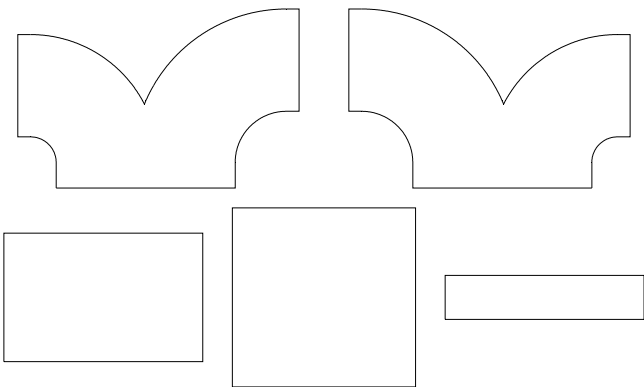
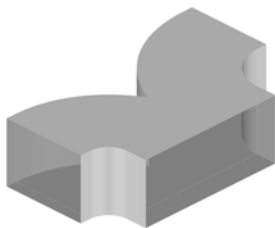
Dims	Options	Conn's
A=Btm Width	3 Parts=No	C1=None
B=Depth	Vee Depth Male=Auto	C2=None
C=Left Width	Vee Depth Female=Auto	C3=None
D=Right Width	Vee Notch Angle=30.000	
E=Bottom Extension	Hole Diameter=0.500	
F=Right Extension	Hole Spacing=2.000	
G=Left Extension	Splitters=No	
H=Splitter Distance	Inlet=1	
	Outlet=2	
	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 14

Rectangular



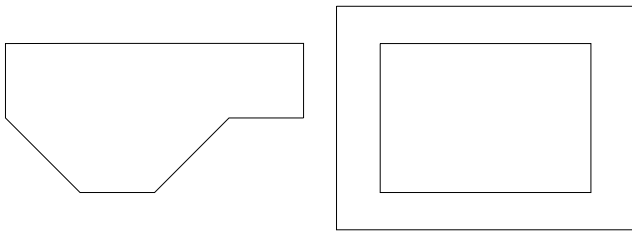
Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Left Throat Type=Radius	C2=None
C=Right Width	Vee Depth Male=Auto	C3=None
D=Left Width	Vee Depth Female=Auto	
E=Height	Vee Angle Male=30	
F=Right Radius	Vee Angle Female=30	
G=Left Radius	Right Heel Type=Radius	
H=Right Angle	Left Heel Type=Radius	
I=Left Angle	2 Part Wrapper=No	
J=Btm Right Extension	Back Wrapper=Marker Notch	
K=Btm Left Extension	Outlet=2	
L=Right Extension	Insulation Parts=Same	
M=Left Extension		

Seams
S1=None
S2=None

Damper:

Pattern: 15

Rectangular/Fabrication



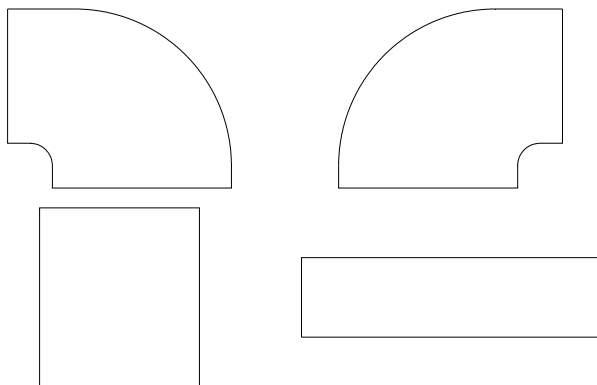
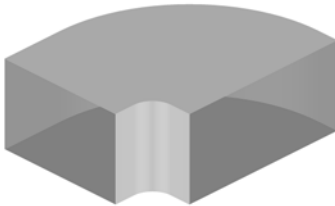
Dims	Options	Conn's
A=Width	Branch Parts=1	C1=None
B=Depth	Plate Parts=1	C2=None
C=Length	Seam Position=Corner	
D=Angle	Hole Adjust=0.000	
E=Plate Width		
F=Plate Depth		
G=Offset Depth		
H=Offset Width		
I=Btm Width		
J=Plate Width Adjust		
K=Plate Depth Adjust		

Seams
S1=None
S2=None

Damper:

Pattern: 17

Rectangular/Fabrication



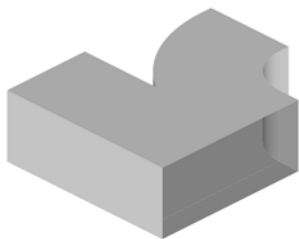
Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
D=Angle	Vee Depth Male=Auto	
E=Top Extension	Vee Depth Female=Auto	
F=Bottom Extension	Vee Angle Male=30	
G=Inner Radius	Vee Angle Female=30	
	Auto Oversize=Normal	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 18

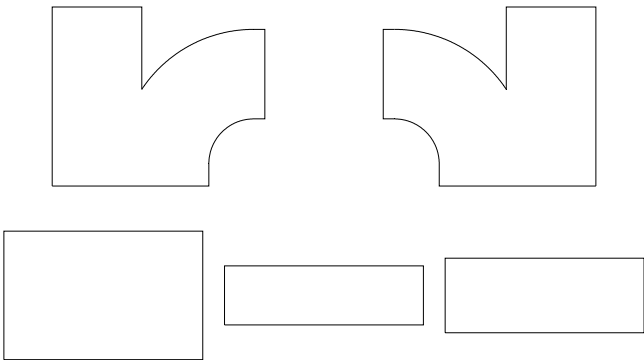
Rectangular



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Vee Depth Male=Auto	C2=None
C=Top Width	Vee Depth Female=Auto	C3=None
D=Right Width	Vee Angle Male=30	
E=Height	Vee Angle Female=30	
F=Right Height	Right Heel Type=Radius	
G=Right Radius	Junction Notch=Use Default	
H=Right Angle	2 Part Wrapper=No	
I=Bottom Extension	Top Right=Straight	
J=Right Extension	Outlet=2	
K=Top Extension	Insulation Parts=Same	

Seams
S1=None
S2=None

Damper:



Pattern: 19

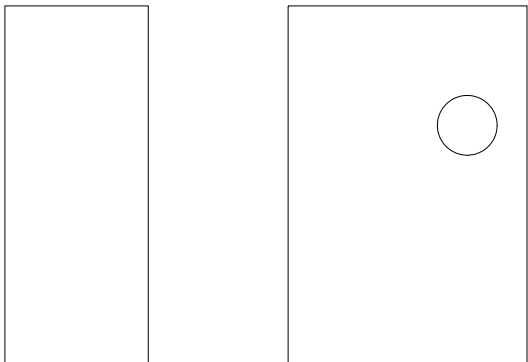
Rectangular



Dims	Options	Conn's
A=Width	Straight Type=1 Part Straight	C1=None
B=Depth	Notch Angle For Lid=45.000	C2=None
C=Length	Collar Allowance=0.000	
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=Centre	
I=Hole Collar #1		
J=Hole Rotation #1		

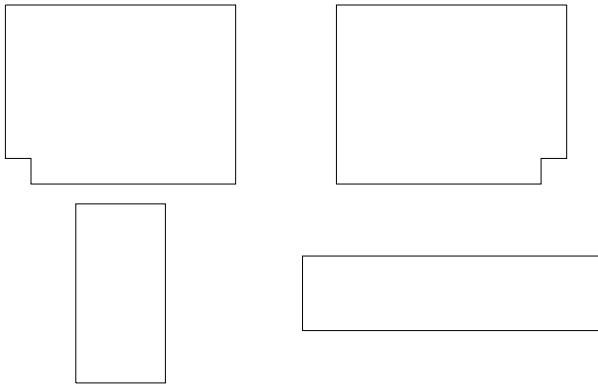
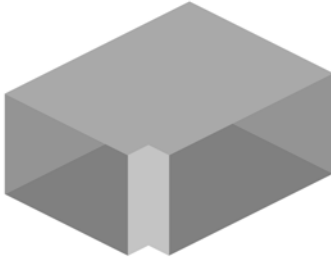
Seams
S1=None
S2=None
S3=None

Damper: None



Pattern: 20

Rectangular



Dims	Options	Conn's
A=Top Width	Length Adjust For Part 4=0.000	C1=None
B=Depth	Length Adjust For Part 3=0.000	C2=None
C=Btm Width	Vee Depth Male=Auto	
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	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Insulation Parts=Same	

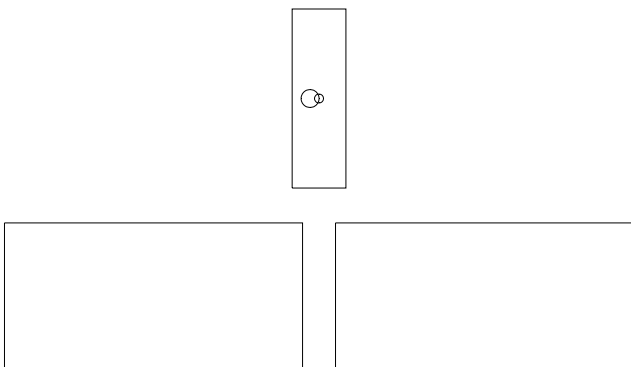
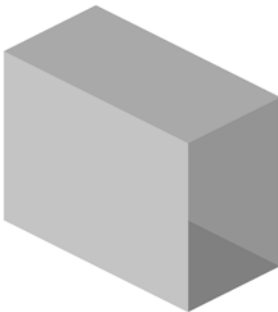
Seams

S1=None

Damper:

Pattern: 21

Rectangular



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

Seams

S1=None

S2=None

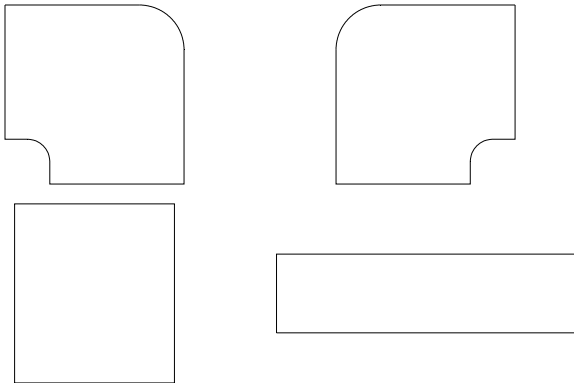
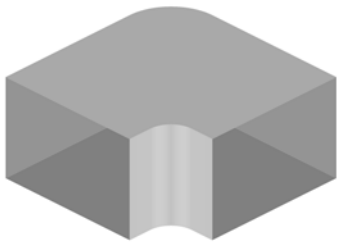
S3=None

S4=None

Damper: None

Pattern: 22

Rectangular



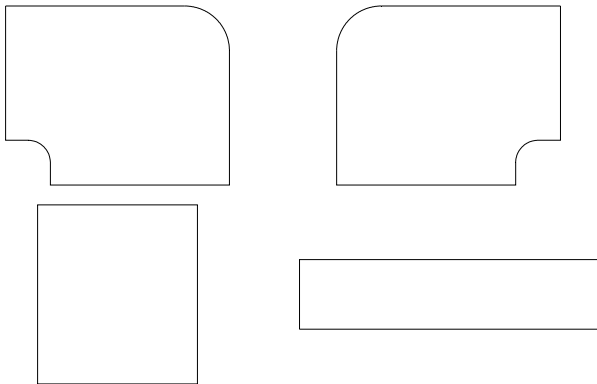
Dims	Options	Conn's
A=Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Angle	Length Adjust For Part 3=0.000	
D=Top Extension	Vee Depth Male=Auto	
E=Bottom Extension	Vee Depth Female=Auto	
F=Inner Radius	Vee Angle Male=30	
G=Outer Radius	Vee Angle Female=30	
	3 Parts=No	
	Auto Oversize=Normal	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 23

Rectangular



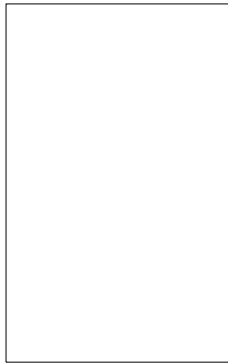
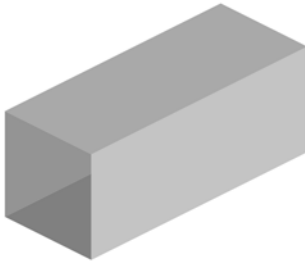
Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
D=Angle	Vee Depth Male=Auto	
E=Top Extension	Vee Depth Female=Auto	
F=Bottom Extension	Vee Angle Male=30	
G=Inner Radius	Vee Angle Female=30	
H=Outer Radius	3 Parts=No	
	Auto Oversize=Normal	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Insulation Parts=Same	

Seams
S1=None

Damper:

Pattern: 25

Rectangular/Fabrication

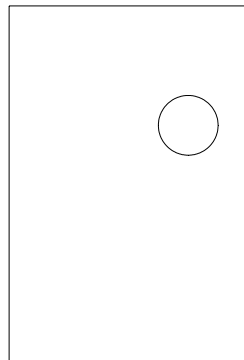
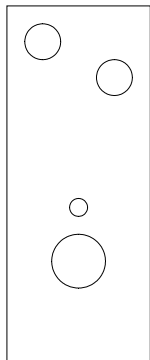


Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Beading=No	
		Insulation UI=Shortest Side	
			Seams
			S1=None

Damper:

Pattern: 26

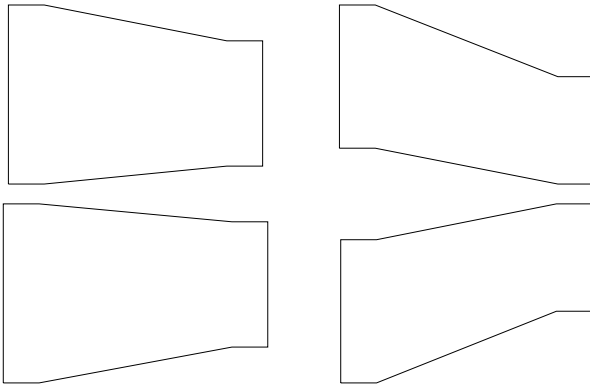
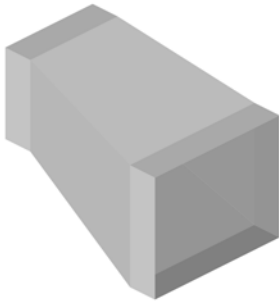
Rectangular



Dims		Options	Conn's
A=Width		Straight Type=1 Part Straight	C1=None
B=Depth		Notch Angle For Lid=45.000	C2=None
C=Length		Lid Adjust=0.000	C3=None
D=Hole Width #1		Diameter Type=Nominal	C4=None
E=Hole Depth #1		Hole Adjust=0.000	C5=None
F=Hole Radius #1		Straight=Yes	C6=None
G=Hole Inset #1			
H=Hole Offset #1			
I=Hole Collar #1			
J=Hole Rotation #1			
K=Hole Width #2			
L=Hole Depth #2			
M=Hole Radius #2			
N=Hole Inset #2			
O=Hole Offset #2			
P=Hole Collar #2			
Q=Hole Rotation #2			
R=Hole Width #3			
S=Hole Depth #3			
T=Hole Radius #3			
U=Hole Inset #3			
V=Hole Offset #3			
W=Hole Collar #3			
X=Hole Rotation #3			
Y=Hole Width #4			
Z=Hole Depth #4			
a=Hole Radius #4			
b=Hole Inset #4			
			Seams
			S1=None S6=None
			S2=None S7=None
			S3=None
			S4=None
			S5=None
			Damper: None

Pattern: 27

Rectangular



Dims	Options	Conn's
A=Width In	2 Parts=No	C1=None
B=Depth In	3 Parts=No	C2=None
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	Offset Width=Left In	
I=Offset Depth	Offset Depth=Bottom Up	
J=Angle	Connector Fold Notch=Use Default	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	
	Input=Length	
	Vee Notch Depth If Straight Edge (Female)...	
	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	

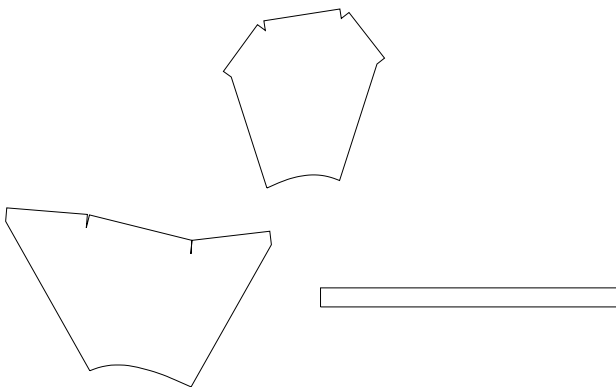
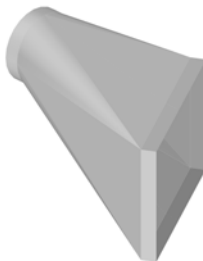
Seams

S1=None

Damper:

Pattern: 28

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Rectangular Angle	Marker Type=Notch	
F=Offset Width	Offset Width=Left In	
G=Offset Depth	Offset Depth=Bottom Up	
H=Extension	Inlet=1	
I=Collar	Outlet=2	
J=Round Angle	Fold Notch Depth=Full Allowance	
K=Corner Radius	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

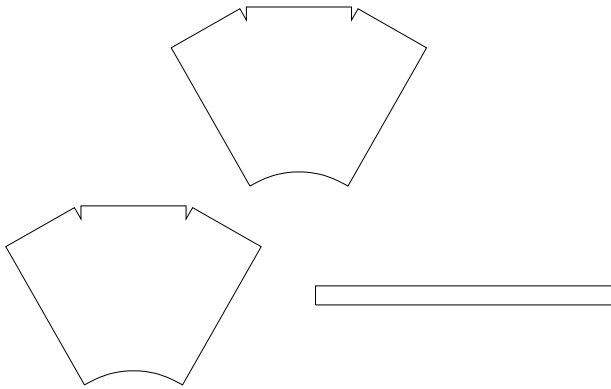
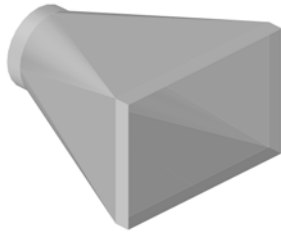
Seams

S1=None

Damper: None

Pattern: 29

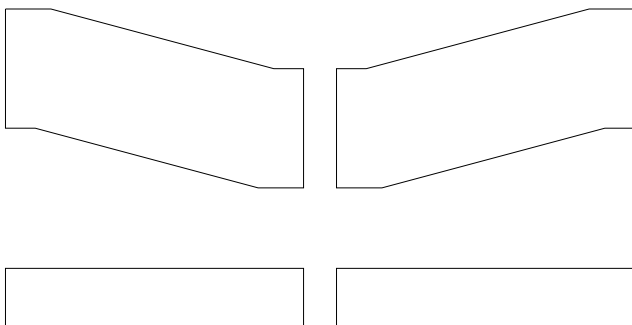
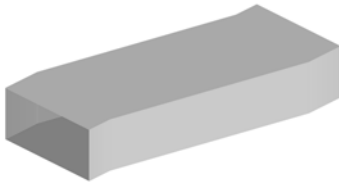
Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Extension	Marker Type=Notch	
F=Collar	Input=Length	
G=Corner Radius	Offset Width=Left In	
H=Slope Angle	Offset Depth=Bottom Up	
	Inlet=1	
	Outlet=2	
	Maximum Angle=180.000	
	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	
		Seams
		S1=None
		Damper: None

Pattern: 30

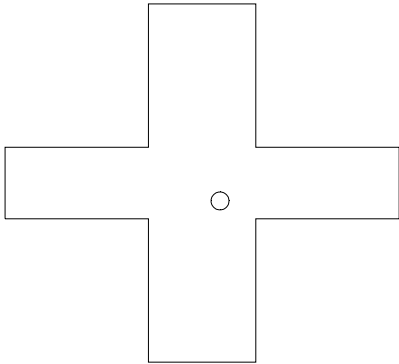
Rectangular



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

Pattern: 31

Rectangular



Dims	Options	Conn's
A=Width	Collar Allowance=0.000	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Length	Hole Adjust=0.000	
D=Hole Width #1	Position From=Centre	
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		
I=Hole Collar #1		
J=Hole Rotation #1		

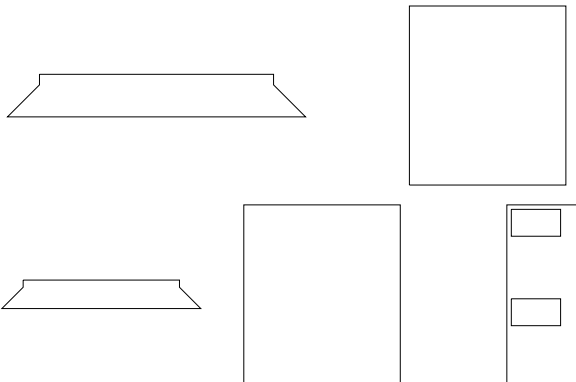
Seams

S1=None
S2=None

Damper: None

Pattern: 32

Rectangular



Dims	Options	Conn's
A=Width	Straight Type=1 Part Straight	C1=None
B=Depth	Throat Type=Mitred	C2=None
C=Length	2 Part Branch=Yes	C3=None
D=Branch Width #1	Vee Depth Male=Auto	C4=None
E=Branch Depth #1	Vee Depth Female=Auto	C5=None
F=Height #1	Vee Notch Angle=30.000	C6=None
G=Extension #1	Female Allow=Shortest Side	C7=None
H=Inset #1	1xU,1xI=Shortest Side	C8=None
I=Offset #1	Connector Fold Notch=Use Default	
J=Branch Width #2	Vee Notch Depth=Auto	
K=Branch Depth #2	Vee Notch Angle=30.000	
L=Height #2	Branch Connector Fold Notch=Use Default	
M=Extension #2	Vee Notch Depth=Auto	
N=Inset #2	Vee Notch Angle=30.000	
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		

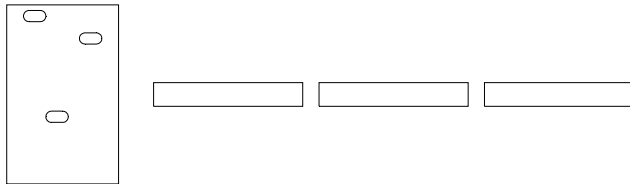
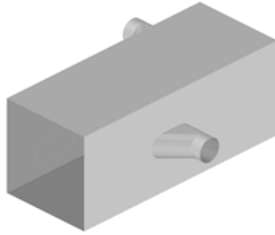
Seams

S1=None
S2=None
S3=None
S4=None

Damper:

Pattern: 33

Rectangular



Dims	Options	Conn's
A=Width	Straight Type=1 Part Straight	C1=None
B=Depth	Branch Diameter Type=Nominal	C2=None
C=Length	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter #1	Branch Diameter Type=Nominal	C4=None
E=Height #1	Hole Adjust=0.000	C5=None
F=Extension #1	Branch Allowance To Pipe=0.000	
G=Inset #1	Female Allow=Shortest Side	
H=Offset #1	1xU,1xI=Shortest Side	
I=Branch 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		
M=Offset #2		
N=Branch Diameter #3		
O=Height #3		
P=Extension #3		
Q=Inset #3		
R=Offset #3		

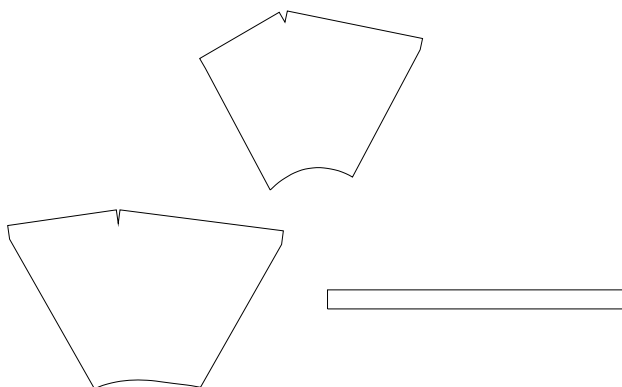
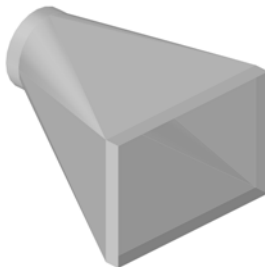
Seams

S1=None
S2=None
S3=None
S4=None

Damper:

Pattern: 34

Rectangular/Round/Fabrication



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Corner	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	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	

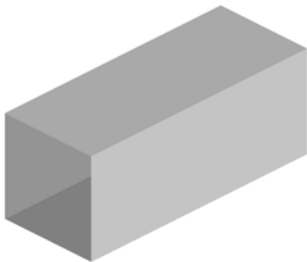
Seams

S1=None

Damper: None

Pattern: 35

Rectangular



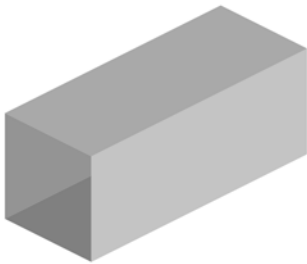
Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Duct Length=(inch)	C2=None
		Allow Multiple Straights=Yes	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Maximum Sheet Size=None	
		Allow Split Sides=No	
		Maximum Fold Length=None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

Seams
S1=None
S2=None

Damper:

Pattern: 36

Rectangular



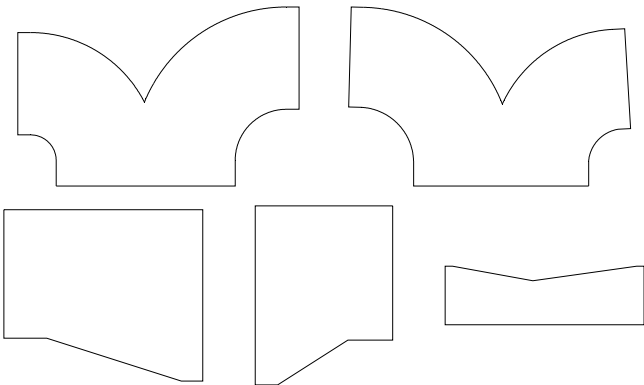
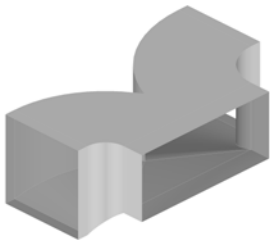
Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Beading=No	
		Insulation Parts=Same	
		Insulation UI=Shortest Side	

Seams
S1=None

Damper:

Pattern: 37

Rectangular



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Btm Depth	Left Throat Type=Radius	C2=None
C=Right Width	Vee Depth Male=Auto	C3=None
D=Right Depth	Vee Depth Female=Auto	
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	
K=Left Radius	Left Folds=End Point	
L=Right Angle	Inlet=1	
M=Left Angle	Outlet=2	
N=Btm Right Extension		
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		

Seams

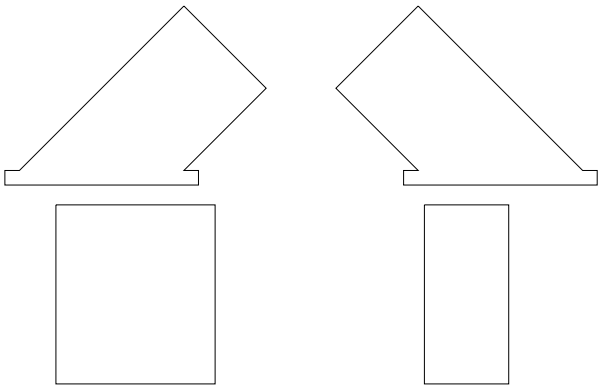
S1=None

S2=None

Damper:

Pattern: 38

Rectangular



Dims	Options	Conn's
A=Width	B=Depth	C1=None
C=Length	D=Angle	C2=None
E=Flange		

Seams

S1=None

Damper:

Pattern: 39

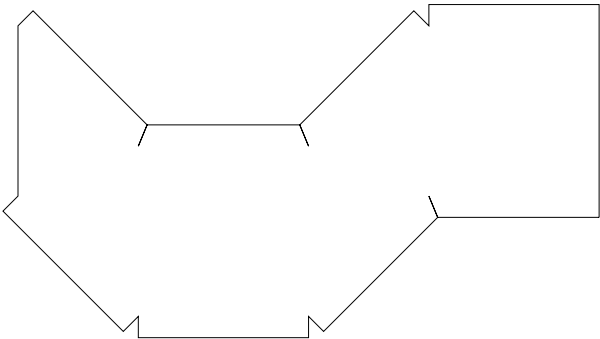
Rectangular



Dims		Options	Conn's
A=Width		Branch Parts=1	C1=None
B=Depth		Seam Position=Corner	C2=None
C=Length		Hole Adjust=0.000	
D=Angle			
E=Top Extension			
F=Bottom Extension			

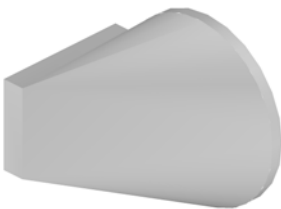
Seams
S1=None

Damper:



Pattern: 85

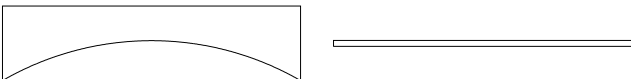
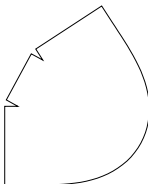
Rectangular/Round



Dims		Options	Conn's
A=Width	B=Depth	Diameter Type=Nominal	C1=None
C=Diameter	D=Extension	Top Offset=0.000	C2=None
E=Collar			

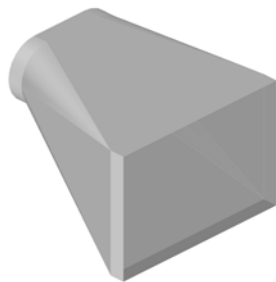
Seams
S1=None

Damper:



Pattern: 104

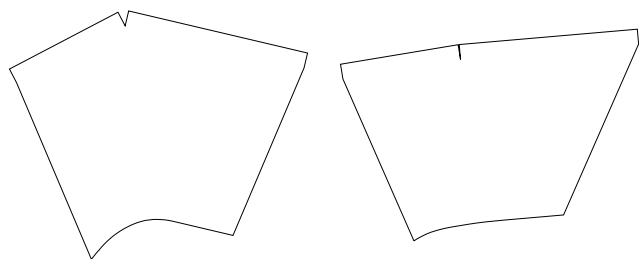
Rectangular/Flat Oval



Dims		Options	Conn's
A=Width	B=Depth	Cross Break=2	C1=None
C=Oval Width	D=Oval Depth	Diameter Type=Nominal	C2=None
E=Length	F=Offset Width	Marker Type=Notch	
G=Offset Depth	H=Rect Extension	Offset Width=Left In	
I=Collar		Offset Depth=Bottom Up	
		Seam Position=Corner	
		Inlet=1	
		Outlet=2	
		Same Seams On Each Part=No	

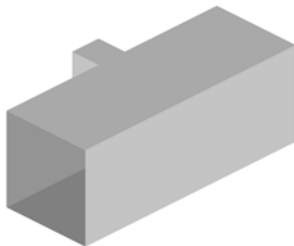
Seams
S1=None

Damper:



Pattern: 124

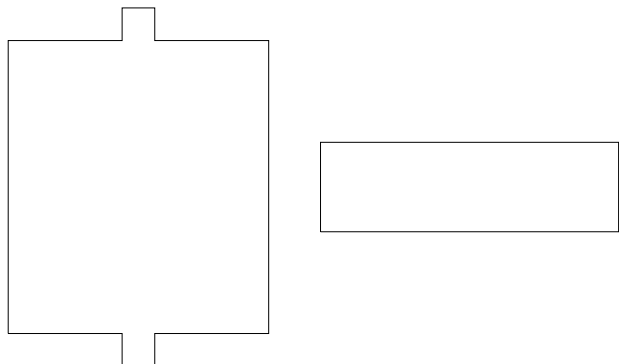
Rectangular



Dims		Options	Conn's
A=Width	B=Depth	3 Parts=No	C1=None
C=Length	D=Width	Damper Position=Depth	C2=None
E=Height	F=Inset		

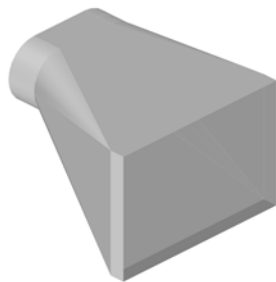
Seams
S1=None

Damper:



Pattern: 134

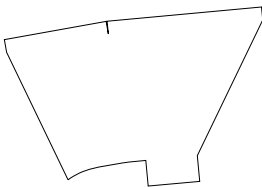
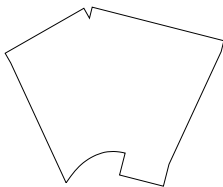
Rectangular/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Oval Width	Marker Type=Notch	
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	
	Same Seams On Each Part=No	
	Oval Half Collar=Yes	

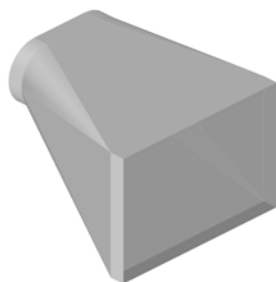
Seams
S1=None

Damper:



Pattern: 137

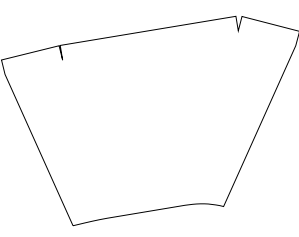
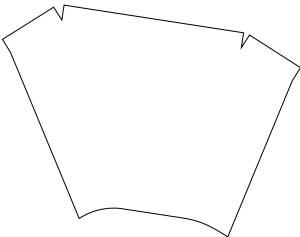
Rectangular/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type=Nominal	C2=None
C=Oval Width	Marker Type=Notch	
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	

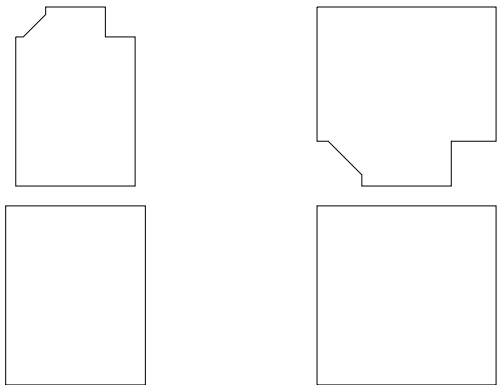
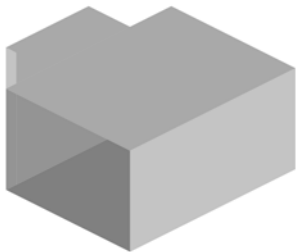
Seams
S1=None

Damper:



Pattern: 150

Rectangular



Dims	Options	Conn's
A=Width	Throat Type=Mitred	C1=None
B=Depth	2 Parts=Yes	C2=None
C=Length	Vee Depth Male=Auto	C3=None
D=Branch Width #1	Vee Depth Female=Auto	
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	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	

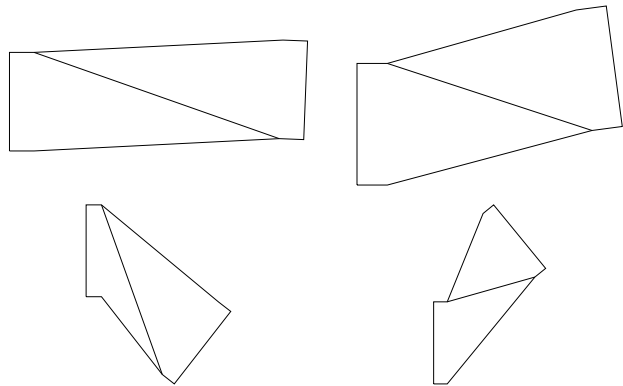
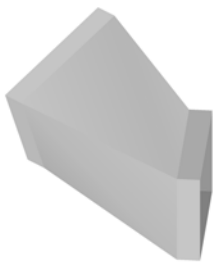
Seams

S1=None

Damper:

Pattern: 151

Rectangular



Dims	Options	Conn's
A=Width In	Folds=Out	C1=None
B=Depth In	Offset Width=Right In	C2=None
C=Width Out	Offset Depth=Bottom Up	
D=Depth Out	New Pattern=No	
E=Length		
F=Angle		
G=Extension In		
H=Extension Out		
I=Offset Width		
J=Offset Depth		
K=Twist Angle		

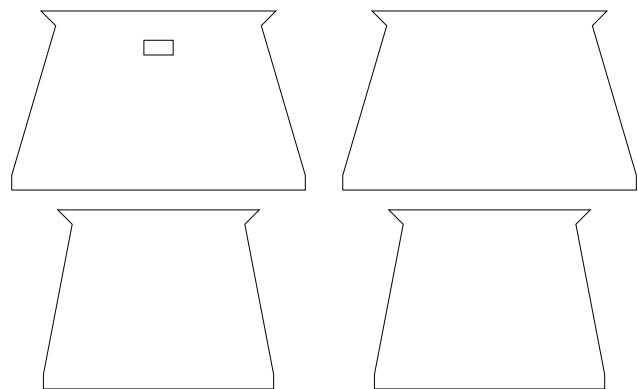
Seams

S1=None

Damper:

Pattern: 152

Rectangular



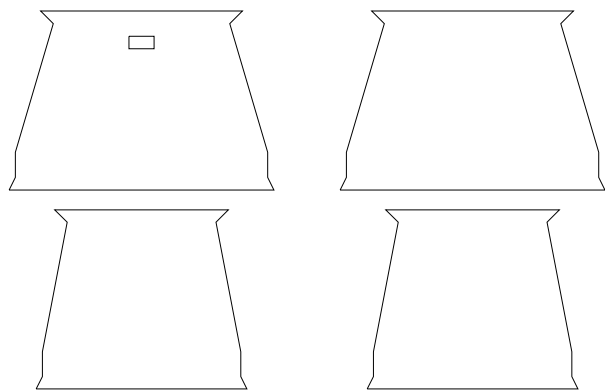
Dims	Options	Conn's
A=Btm Width	Hole Length=4.000	C1=None
B=Btm Depth	Hole Width=2.000	C2=None
C=Top Width	X-Offset=0.000	
D=Top Depth	Y-Offset=2.000	
E=Height	Break=40.000	
F=Flange	Opposite Hole=No	
G=Turnover		
H=Flange		
I=Turnover		

Seams

Damper:

Pattern: 153

Rectangular



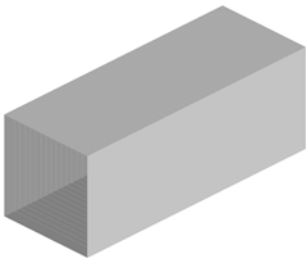
Dims	Options	Conn's
A=Btm Width	Hole Length=4.000	C1=None
B=Btm Depth	Hole Width=2.000	C2=None
C=Top Width	X-Offset=0.000	
D=Top Depth	Y-Offset=2.000	
E=Height	Break=40.000	
F=Turnover	Opposite Hole=No	
G=Turnover		
H=Base Width		
I=Base Depth		
J=Base Height		
K=Extension		
L=Angle		

Seams

Damper:

Pattern: 166

Rectangular/Equipment



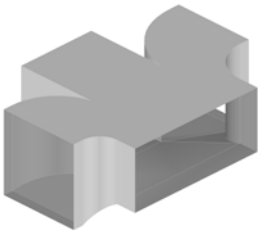
Dims		Options	Conn's
A=Width	B=Depth	Lines=Auto	C1=None
C=Length	D=Extension	Develop=No	C2=None

Seams

Damper:

Pattern: 185

Rectangular

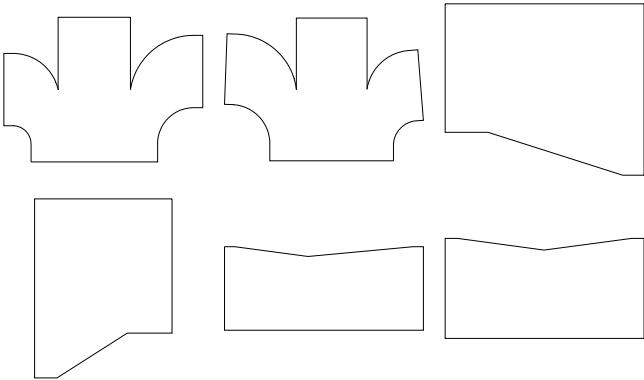


Dims		Options	Conn's
A=Btm Width		Right Throat Type=Radius	C1=None
B=Btm Depth		Left Throat Type=Radius	C2=None
C=Top Width		Vee Depth Male=Auto	C3=None
D=Top Depth		Vee Depth Female=Auto	C4=None
E=Right Width		Vee Angle Male=30	
F=Right Depth		Vee Angle Female=30	
G=Left Width		Right Heel Type=Radius	
H=Left Depth		Left Heel Type=Radius	
I=Top Offset		Junction Notch=Use Default	
J=Right Offset		Vee Notch Angle=20.000	
K=Left Offset		Right Folds=End Point	
L=Height		Left Folds=End Point	
M=Right Height		Inlet=1	
N=Left Height		Outlet=2	
O=Right Radius		Top Right=Straight	
P=Left Radius		Top Left=Straight	
Q=Right Angle			
R=Left Angle			
S=Btm Right Extension			
T=Btm Left Extension			
U=Right Extension			
V=Left Extension			
W=Top Inset			
X=Top Extension			

Seams

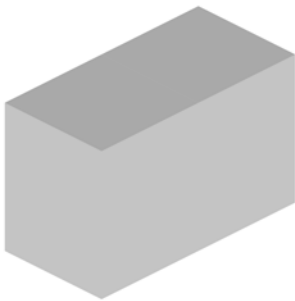
S1=None

Damper:



Pattern: 189

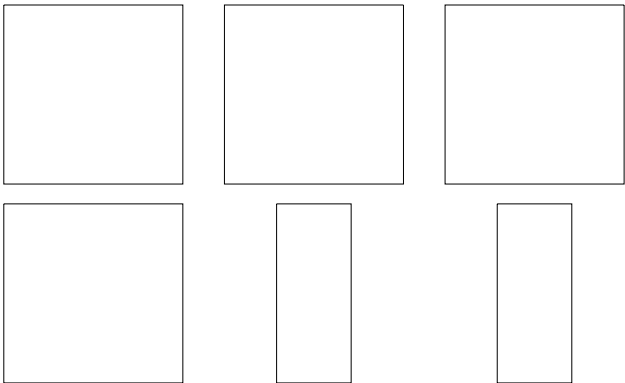
Rectangular



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

Seams
S1=None
S2=None

Damper:



Pattern: 222

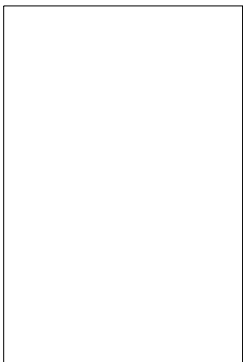
Rectangular



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

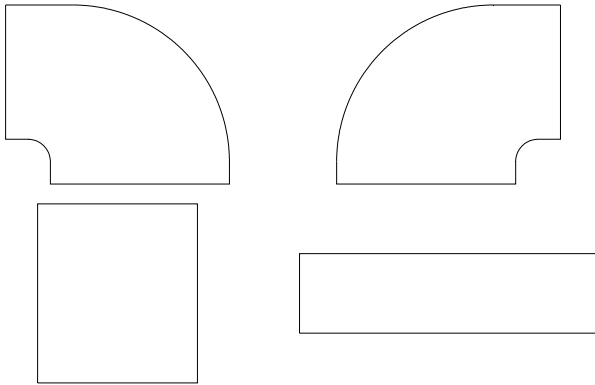
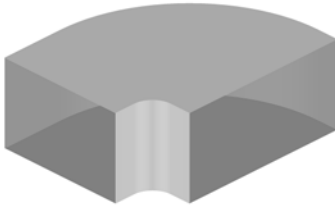
Seams

Damper:



Pattern: 250

Rectangular



Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
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	
	Riser Bend=No	
	Mark Splitter Sides=No	

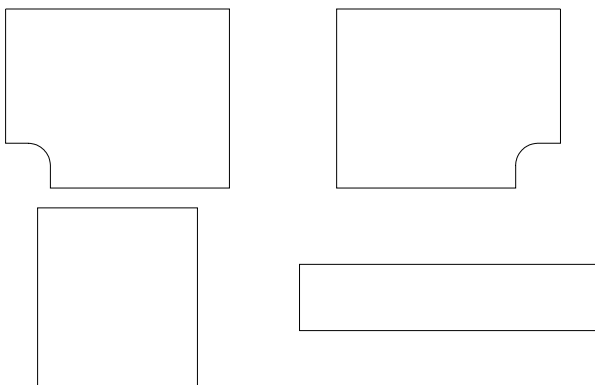
Seams

S1=None

Damper:

Pattern: 251

Rectangular



Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
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	
	Riser Bend=No	
	Mark Splitter Sides=No	

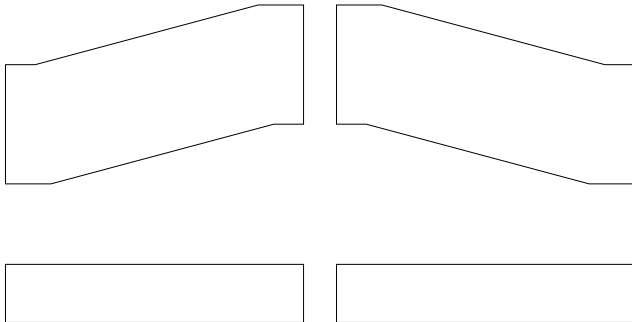
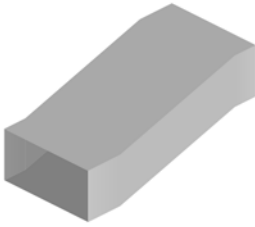
Seams

S1=None

Damper:

Pattern: 252

Rectangular



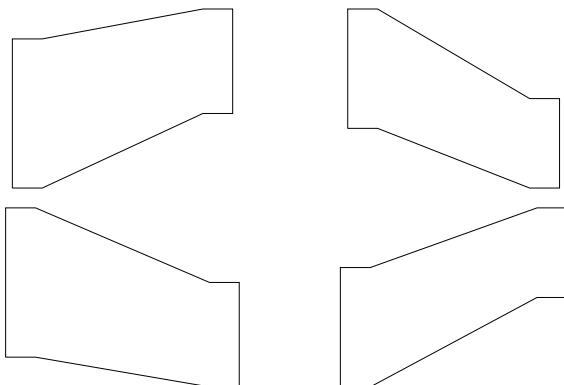
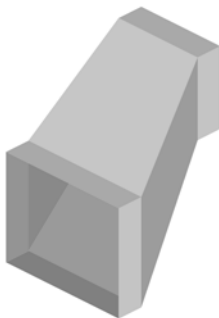
Dims	Options	Conn's
A=Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Length	Vee Notch Angle=30.000	
D=Left Extension	Split Mitre=No	
E=Right Extension		
F=Offset Width		
G=Angle		
H=Left Extension		
I=Right Extension		
J=Right Width		

Seams
S1=None

Damper: None
None

Pattern: 253

Rectangular



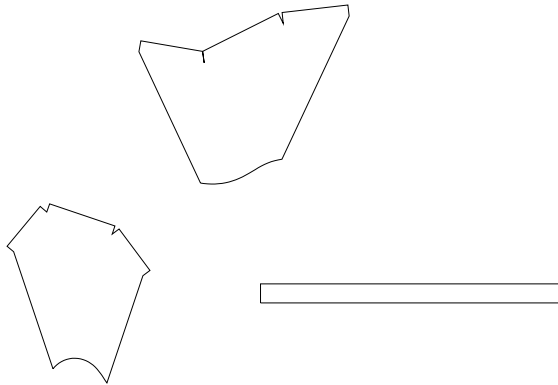
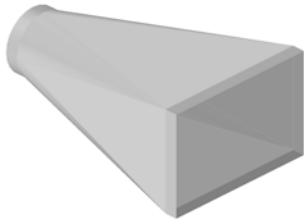
Dims	Options	Conn's
A=Width In	2 Parts=No	Fixing Holes on Tur... C1=None
B=Depth In	3 Parts=No	Seam Cut Back=0.0... C2=None
C=Width Out	Vee Depth Male=A...	
D=Depth Out	Vee Depth Female=...	
E=Length	Vee Notch Angle=2...	
F=Extension In	Taper Notch If Strai...	
G=Extension Out	Female Allow=Shor...	
H=Offset Width	2-Sided Part Allowa...	
I=Offset Depth	Offset Width=Left ...	
J=Angle	Offset Depth=Top Up	
	Taper Notch If Strai...	
	Use Taper Notch F...	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Input=Length	
	Vee Notch Depth If...	
	Maximum Angle=1...	
	Splitter Turnover=0...	
	Splitter Extension=...	
	Splitter Adjust=0.000	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Splitter Hole Diamo...	
	Number Of Holes=...	
	Splitters=Half	
	Hole Inset=0.000	

Seams
S1=None

Damper:

Pattern: 254

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	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	

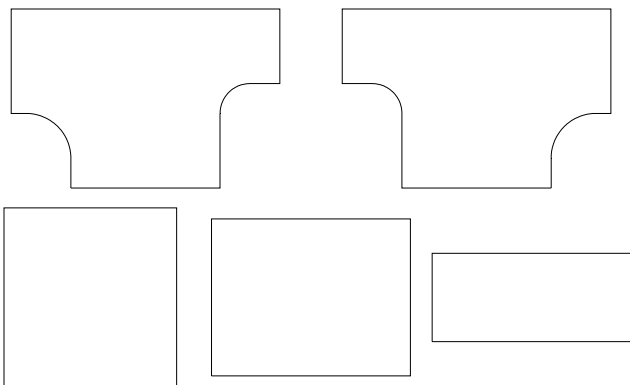
Seams

S1=None

Damper: None

Pattern: 255

Rectangular



Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Depth	3 Parts=No	C2=None
C=Left Width	Vee Depth Male=Auto	C3=None
D=Right Width	Vee Depth Female=Auto	
E=Right Radius	Vee Notch Angle=30.000	
F=Left Radius	Hole Diameter=0.500	
G=Bottom Extension	Hole Spacing=2.000	
H=Right Extension	Splitters=No	
I=Left Extension	Inlet=1	
J=Splitter Distance	Outlet=2	

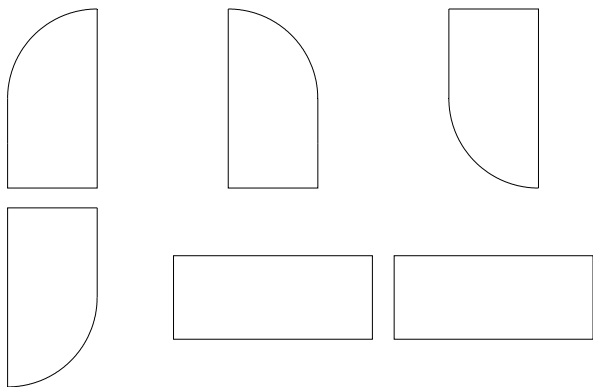
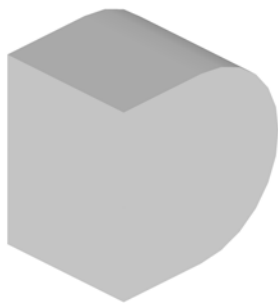
Seams

S1=None

Damper:

Pattern: 313

Rectangular



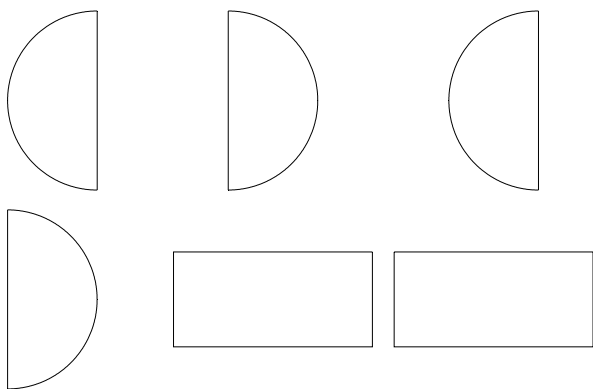
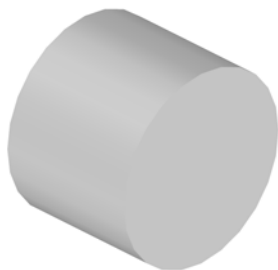
Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Angle	Vee Depth Female=0.000	C3=None
D=Length	Vee Angle Female=30.000	
E=Front Hole Diameter	Allowance=Left	
F=Back Hole Diameter		
G=Six Parts Left Height		
H=Six Parts Right Height		

Seams
S1=None
S2=None

Damper:

Pattern: 314

Rectangular



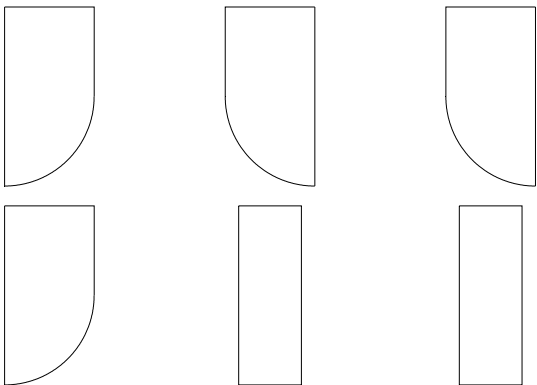
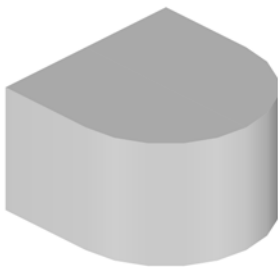
Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Angle	Six Parts Right Lap=None	C2=None
C=Length	Vee Depth Male=0.000	C3=None
D=Front Hole Diameter	Vee Angle Male=180.000	
E=Back Hole Diameter	Vee Depth Female=0.000	
F=Six Parts Left Height	Vee Angle Female=30.000	
G=Six Parts Right Height	Allowance=Left	

Seams
S1=None
S2=None

Damper:

Pattern: 317

Rectangular



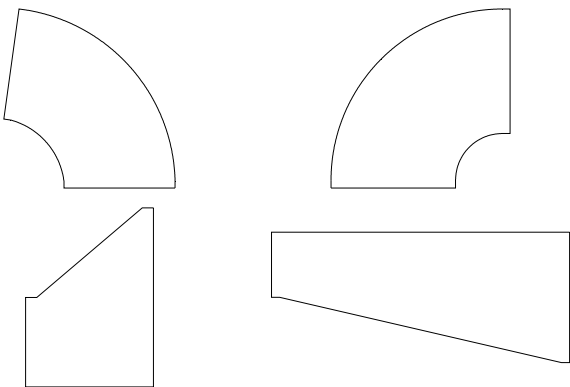
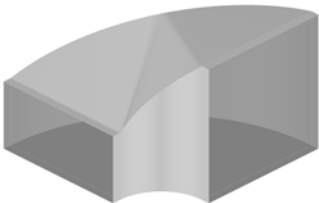
Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Length	Clip Holes=No	C3=None
D=Angle	Vee Depth Male=0.000	
E=Hole Diameter	Vee Angle Male=180.000	
F=Hole Diameter	Vee Depth Female=0.000	
G=Six Parts Left Height	Vee Angle Female=30.000	
H=Six Parts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

Seams
S1=None
S2=None

Damper:

Pattern: 320

Rectangular



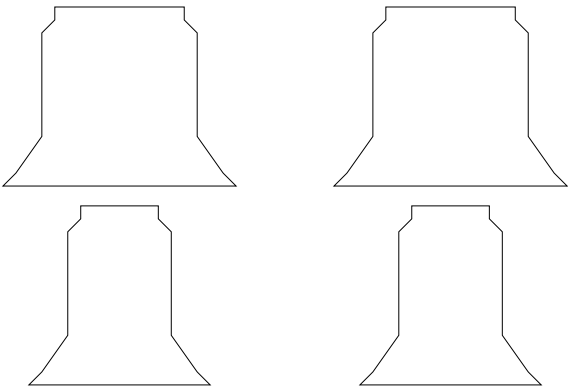
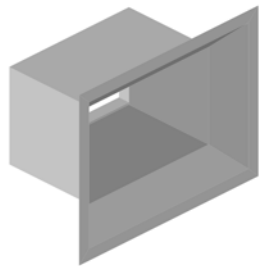
Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Btm Depth	Vee Depth Male=Auto	C2=None
C=Top Depth	Vee Depth Female=Auto	
D=Angle	Vee Angle Male=30	
E=Top Extension	Vee Angle Female=30	
F=Bottom Extension	Allow Central Tie Rods=Yes	
G=Inner Radius	Splitter Slit Angle=10.000	
	Intersect Splitter Holes=No	

Seams
S1=None

Damper:

Pattern: 321

Rectangular



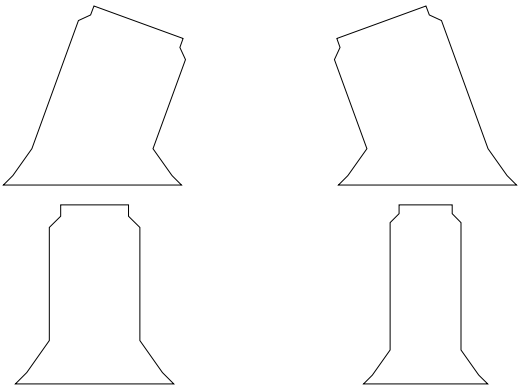
Dims	Options	Conn's
A=Width	Rotation=0.000	C1=None
B=Depth		C2=None
C=Height		C3=None
D=Base Height		C4=None
E=Base Angle		C5=None
F=Flange		C6=None
G=Turnover		
H=Turnover		
I=Straight		

Seams
S1=None

Damper:

Pattern: 322

Rectangular



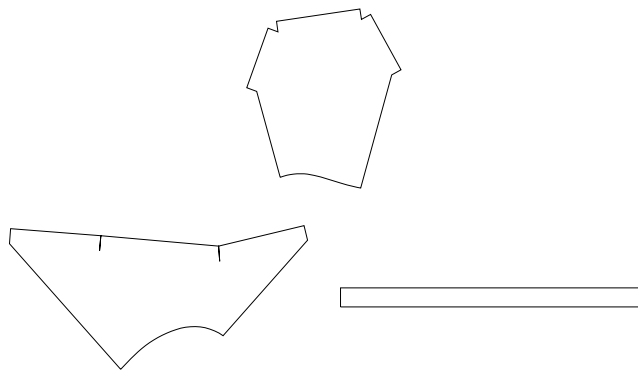
Dims	Options	Conn's
A=Width	X Pitch=Slope Angle	C1=None
B=Depth	Rotation=0.000	C2=None
C=Height		C3=None
D=Angle		C4=None
E=Base Height		C5=None
F=Base Angle		C6=None
G=Flange		
H=Turnover		
I=Turnover		

Seams
S1=None

Damper:

Pattern: 324

Rectangular/Round



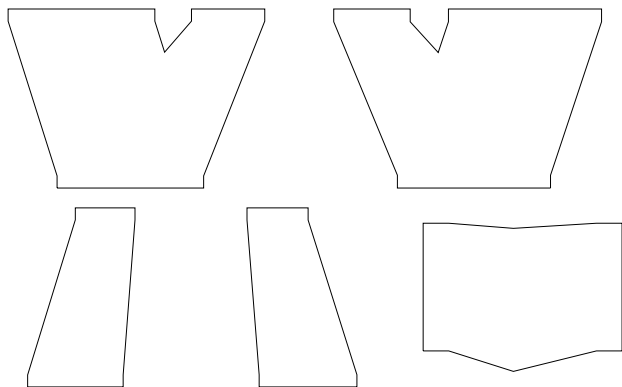
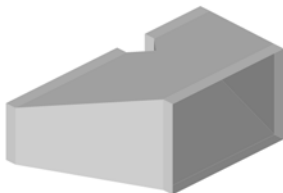
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Offset Width	Seam Position=Width	
E=Offset Depth	Marker Type=Notch	
F=Extension	Offset Width=Left In	
G=Collar	Offset Depth=Bottom Up	
H=Round Angle	Inlet=1	
I=Twist Angle	Outlet=2	
J=Inner Radius	Fold Notch Depth=Full Allowance	
K=Corner Radius	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

Seams
S1=None

Damper: None

Pattern: 328

Rectangular



Dims	Options	Conn's
A=Btm Width	Vee Depth Male=Auto	C1=None
B=Btm Depth	Vee Depth Female=Auto	C2=None
C=Left Width	Vee Angle Male=30	C3=None
D=Right Width	Vee Angle Female=30	
E=Top Depth	Offset Depth=Bottom Up	
F=Height	Offset Width=Left In	
G=Offset		
H=Offset Width		
I=Offset Depth		
J=Bottom Extension		
K=Top Extension		
L=Branch Height		
M=Left Mitre Length		
N=Right Mitre Length		

Seams
S1=None
S2=None

Damper:

Pattern: 329

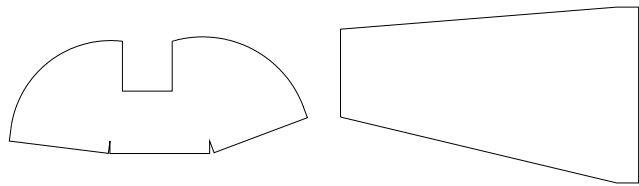
Rectangular



Dims	Options	Conn's
A=Btm Width	Wrapper Length Adjust=0.000	C1=None
B=Btm Depth	Turnover Allowance=0.000	C2=None
C=Height	Vee Notch Angle=5.000	
D=Hole Width	Develop Parts=2	
E=Hole Length		
F=Offset		
G=Bottom Extension		
H=Hole Offset		

Seams
S1=None

Damper:



Pattern: 330

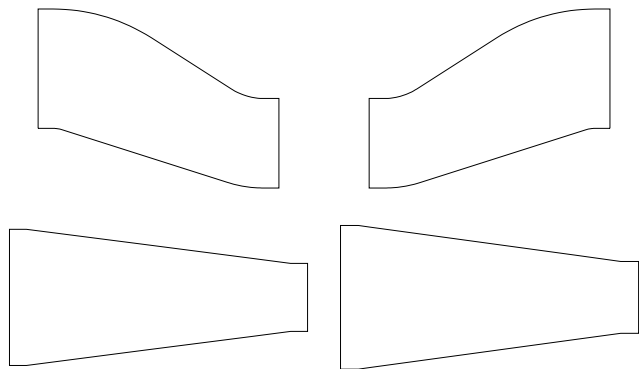
Rectangular



Dims	Options	Conn's
A=Width In	Vee Depth Male=Auto	C1=None
B=Depth In	Vee Depth Female=Auto	C2=None
C=Width Out	Vee Angle Male=30	
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		
K=Right Radius		

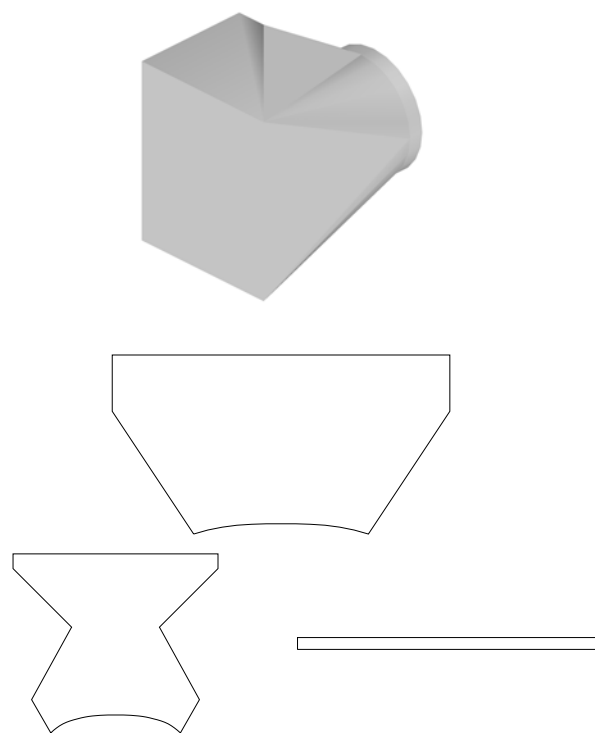
Seams
S1=None

Damper:



Pattern: 338

Rectangular/Round



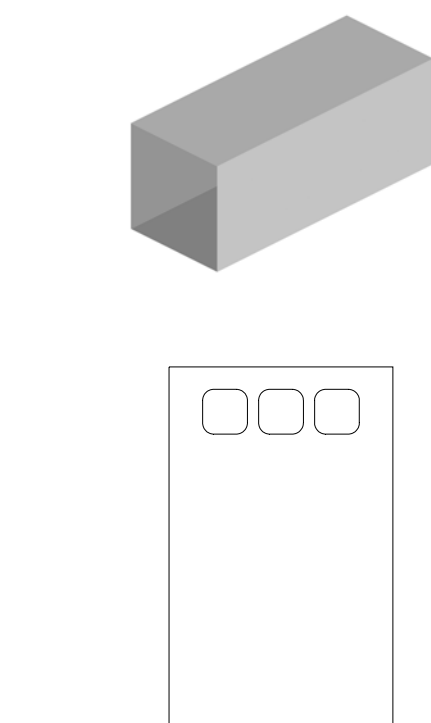
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Marker Type=Notch	C2=None
C=Diameter		
D=Length		
E=Extension		
F=End Height		
G=Offset		
H=Collar		
I=Bottom Chamfer		
J=Back Chamfer		

Seams
S1=None
S2=None

Damper:

Pattern: 340

Rectangular



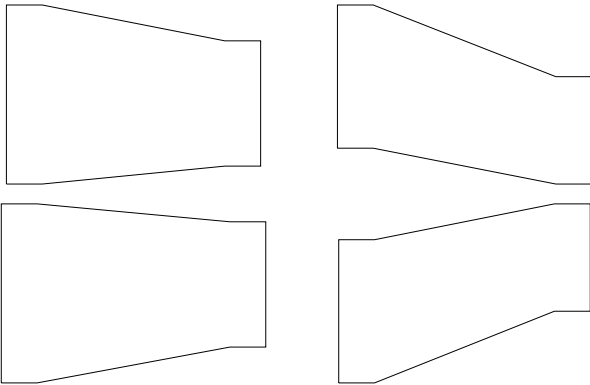
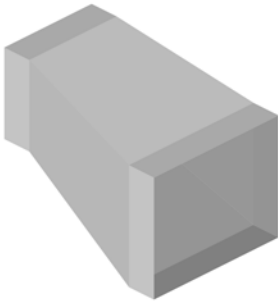
Dims	Options	Conn's
A=Width	Straight Type=1 Part Straight	C1=None
B=Depth	Hole Type=Right	C2=None
C=Length	Hole Type=Right	
D=Hole Inset #1	Hole Type=Right	
E=Hole Offset #1	Female Allow=Shortest Side	
F=Hole Length #1	1xU,1xI=Shortest Side	
G=Hole Width #1	Connector Fold Notch=Use Default	
H=Hole Radius #1	Vee Notch Depth=Auto	
I=Hole Inset #2	Vee Notch Angle=30.000	
J=Hole Offset #2	Connector Fold Notch=Use Default	
K=Hole Length #2	Vee Notch Depth=Auto	
L=Hole Width #2	Vee Notch Angle=30.000	
M=Hole Radius #2	Beading=No	
N=Hole Inset #3	Insulation UI=Shortest Side	
O=Hole Offset #3		
P=Hole Length #3		
Q=Hole Width #3		
R=Hole Radius #3		

Seams
S1=None

Damper:

Pattern: 342

Rectangular



Dims	Options	Conn's
A=Width In	2 Parts=No	Fixing Holes on Tur... C1=None
B=Depth In	3 Parts=No	Seam Cut Back=0.0... C2=None
C=Width Out	Vee Depth Male=A...	
D=Depth Out	Vee Depth Female=...	
E=Length	Vee Notch Angle=2...	
F=Extension In	Taper Notch If Strai...	
G=Extension Out	Female Allow=Shor...	
H=Offset Width	2-Sided Part Allowa...	
I=Offset Depth	Offset Width=Left In	
J=Angle	Offset Depth=Botto...	
	Taper Notch If Strai...	
	Use Taper Notch F...	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Input=Length	
	Vee Notch Depth If...	
	Maximum Angle=1...	
	Splitter Turnover=0...	
	Splitter Extension=...	
	Splitter Adjust=0.000	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Splitter Hole Diamo...	
	Number Of Holes=...	
	Splitters=Half	
	Hole Inset=0.000	

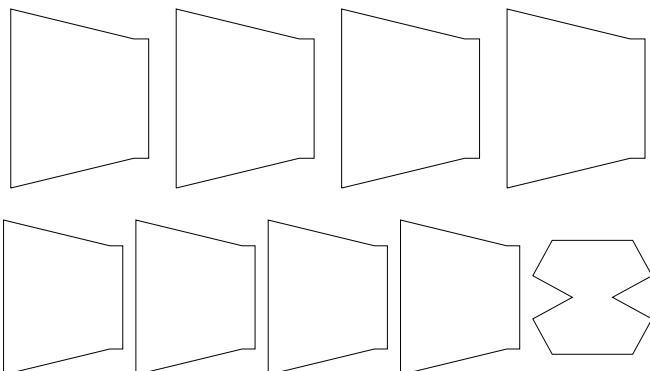
Seams

S1=None

Damper:

Pattern: 343

Rectangular



Dims	Options	Conn's
A=Btm Width	Turnover Allowance=0.000	C1=None
B=Btm Depth	Body Allowance=0.000	C2=None
C=Centre Width	Plate Allowance=0.000	
D=Centre 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		

Seams

S1=None

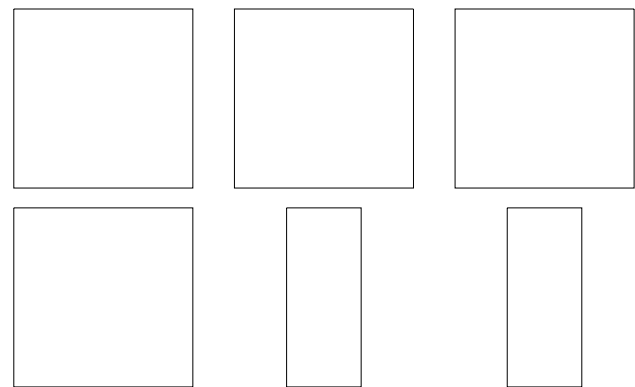
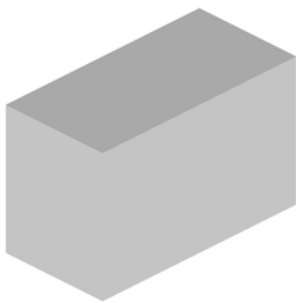
S2=None

S3=None

Damper:

Pattern: 346

Rectangular



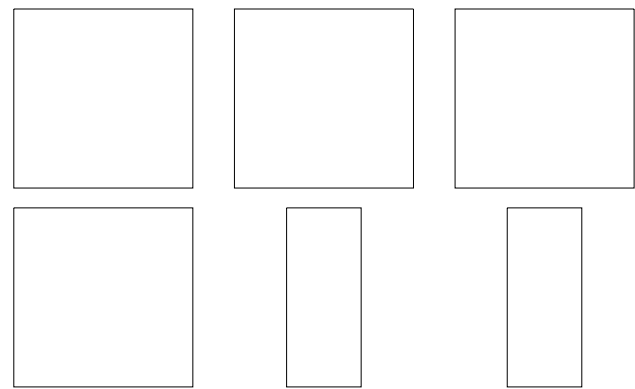
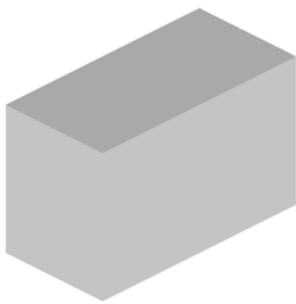
Dims	Options	Conn's
A=Right Width	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Length	Clip Holes=No	C3=None
D=Six Parts Left Height	Vee Depth Male=0.000	
E=Six Parts Right Height	Vee Angle Male=180.000	
	Vee Depth Female=0.000	
	Vee Angle Female=30.000	
	Alternate Weathering=No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

Seams
S1=None
S2=None

Damper:

Pattern: 347

Rectangular



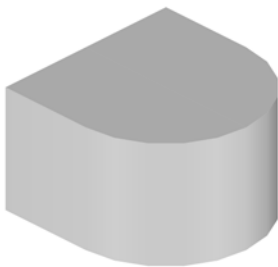
Dims	Options	Conn's
A=Right Width	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Length	Clip Holes=No	C3=None
D=Six Parts Left Height	Vee Depth Male=0.000	
E=Six Parts Right Height	Vee Angle Male=180.000	
	Vee Depth Female=0.000	
	Vee Angle Female=30.000	
	Alternate Weathering=No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

Seams
S1=None
S2=None

Damper:

Pattern: 348

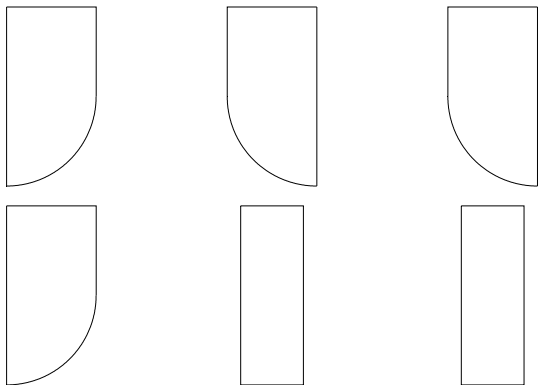
Rectangular



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

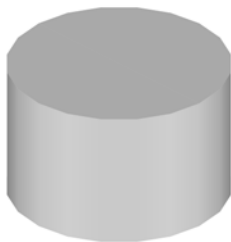
Seams
S1=None
S2=None

Damper:



Pattern: 349

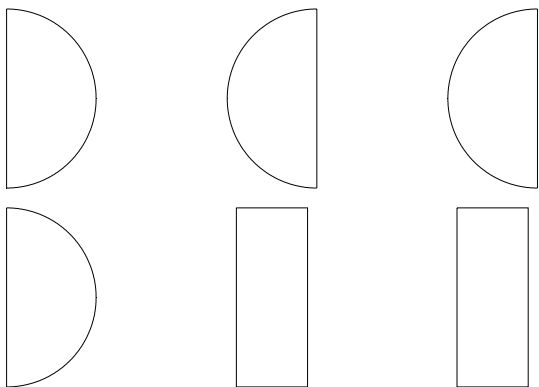
Rectangular



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

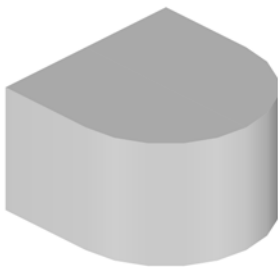
Seams
S1=None
S2=None

Damper:



Pattern: 350

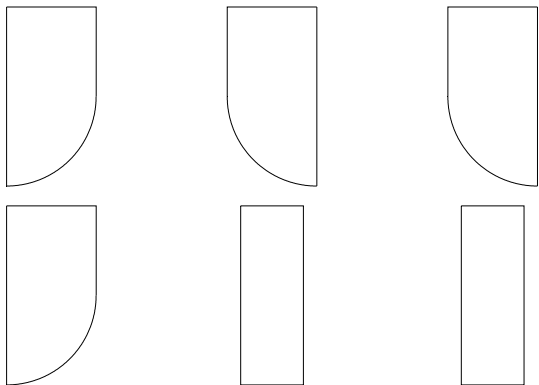
Rectangular



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

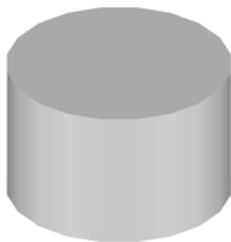
Seams
S1=None
S2=None

Damper:



Pattern: 351

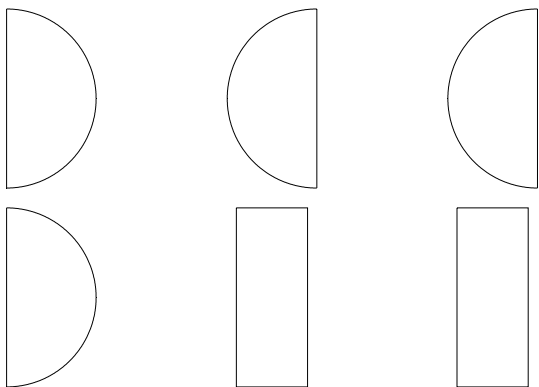
Rectangular



Dims		Options	Conn's
A=Radius	B=Length	Six Parts Left Lap=None	C1=None
		Six Parts Right Lap=None	C2=None
		Clip Holes=No	C3=None
		Alternate Weathering=No	
		Ensure Center Closed=No	

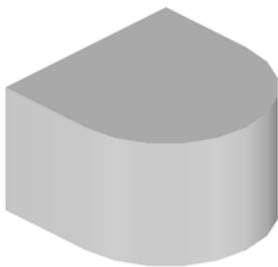
Seams
S1=None
S2=None

Damper:



Pattern: 352

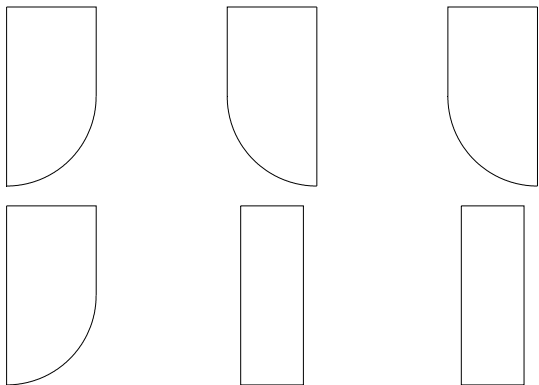
Rectangular



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

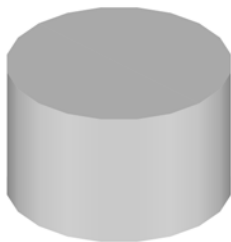
Seams
S1=None
S2=None

Damper:



Pattern: 353

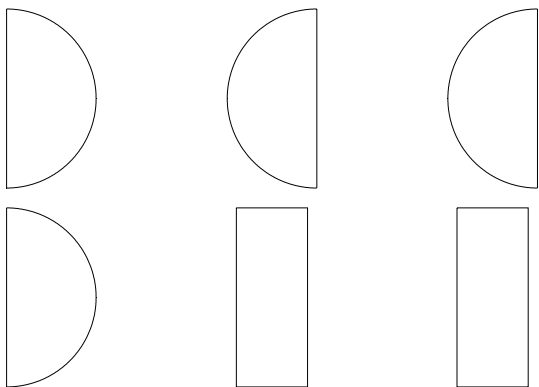
Rectangular



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

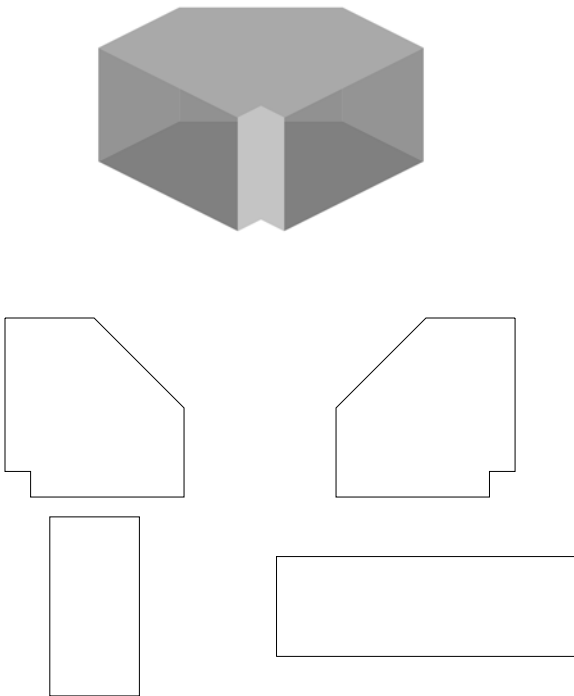
Seams
S1=None
S2=None

Damper:



Pattern: 354

Rectangular



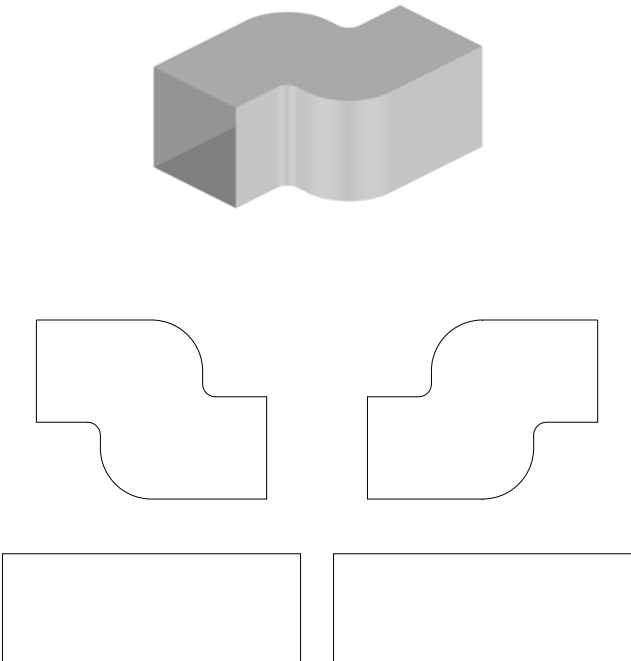
Dims	Options	Conn's
A=Top Width	Length Adjust For Part 4=0.000	C1=None
B=Depth	Length Adjust For Part 3=0.000	C2=None
C=Top Extension	Vee Depth Male=Auto	
D=Bottom Extension	Vee Depth Female=Auto	
	Vee Angle Male=30	
	Vee Angle Female=30	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Folding Lines=No	

Seams
S1=None
S2=None

Damper:

Pattern: 366

Rectangular



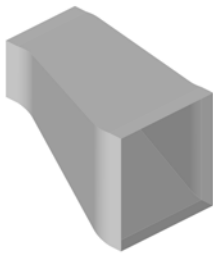
Dims	Options	Conn's
A=Left Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Right Width	Vee Notch Angle=20.000	
D=Length		
E=Left Extension		
F=Right Extension		
G=Offset Width		
H=Top Radius		
I=Left Radius		
J=Bottom Radius		
K=Right Radius		

Seams
S1=None

Damper:

Pattern: 367

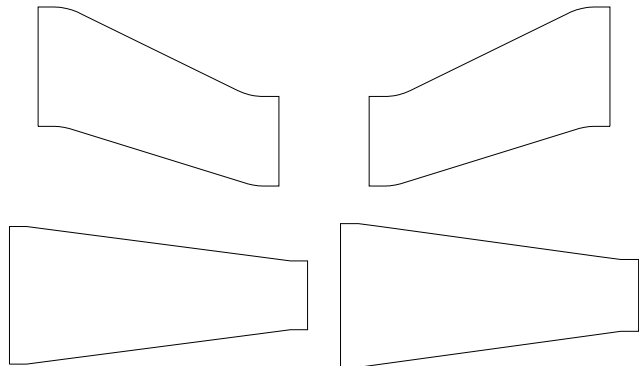
Rectangular



Dims	Options	Conn's
A=Width In	Vee Depth Male=Auto	C1=None
B=Depth In	Vee Depth Female=Auto	C2=None
C=Width Out	Vee Angle Male=30	
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		
I=Offset Depth		
J=Corner Radius		

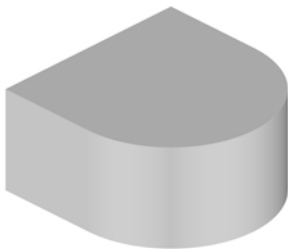
Seams
S1=None

Damper:



Pattern: 368

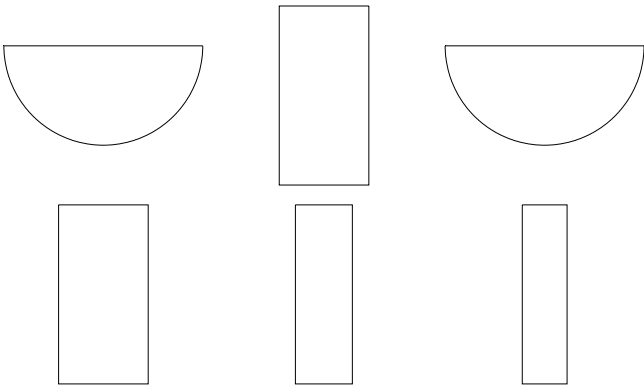
Rectangular



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Left Height	Connector=Left	
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	

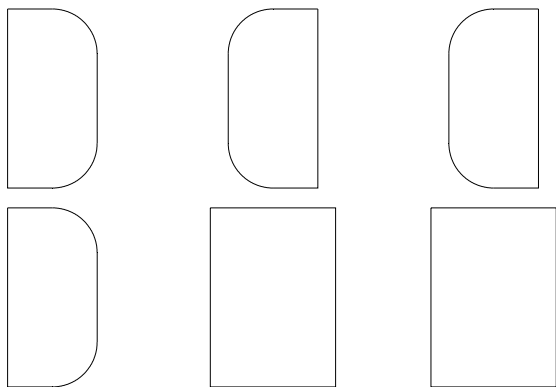
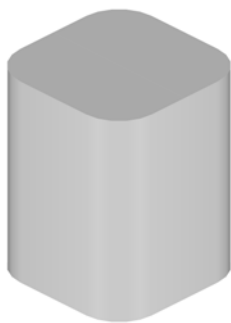
Seams
S1=None

Damper:



Pattern: 369

Rectangular



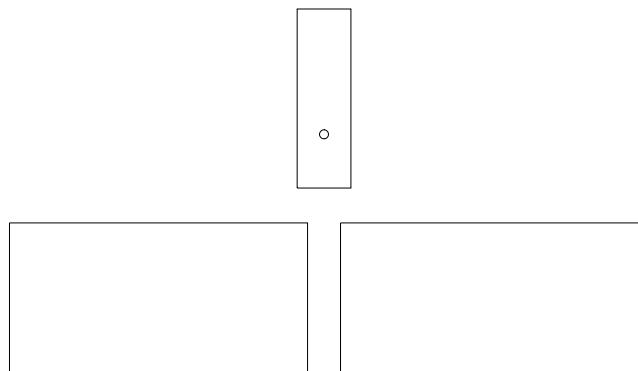
Dims		Options	Conn's
A=Width	B=Flat Left	Six Parts Left Lap=None	C1=None
C=Flat Right	D=Depth	Six Parts Right Lap=None	
E=Length		Parts=2	

Seams
S1=None
S2=None

Damper:

Pattern: 382

Rectangular



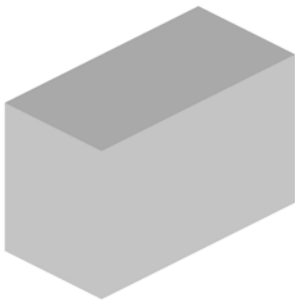
Dims		Options	Conn's
A=Width		Notch Angle For Lid=45.000	C1=None
B=Depth		Collar Allowance=0.000	C2=None
C=Length		Diameter Type=Nominal	
D=Hole Width #1		Hole Adjust=0.000	
E=Hole Depth #1		Hole Type=Front	
F=Hole Radius #1		Vee Notch Angle=Default	
G=Hole Inset #1		Swap Hole Dims For Side=No	
H=Hole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

Seams
S1=None
S2=None

Damper: None

Pattern: 390

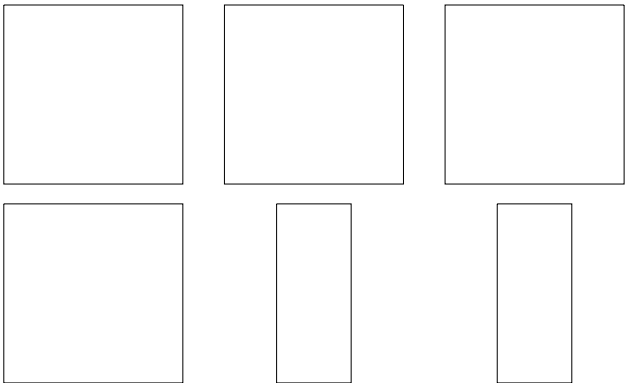
Rectangular



Dims	Options	Conn's
A=Left Width	Six Parts Left Lap=None	C1=None
B=Right Width	Six Parts Right Lap=None	
C=Depth	Parts=2	
D=Length		
E=Bottom Radius		
F=Top Radius		
G=Cross Break		

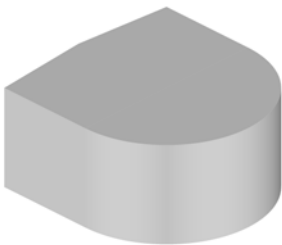
Seams
S1=None
S2=None

Damper:



Pattern: 397

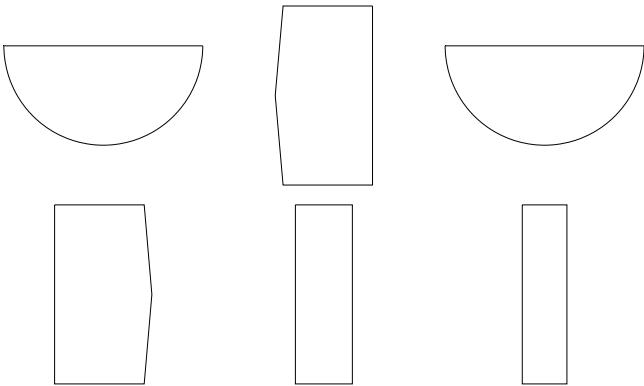
Rectangular



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Left Height	Connector=Left	
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 Angle	Clip Holes=No	
G=Right Height	Split Radius Parts=No	

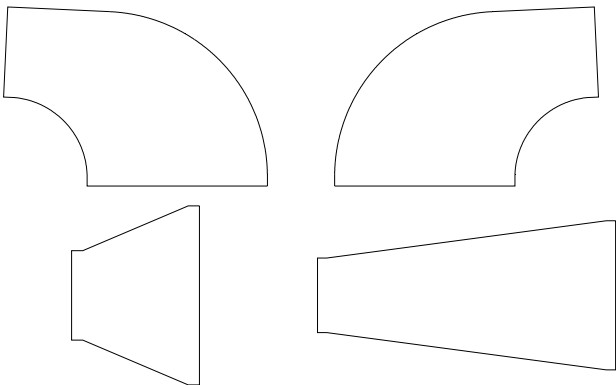
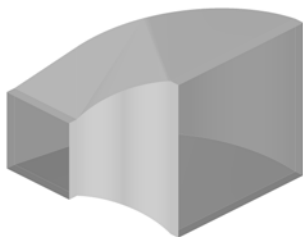
Seams
S1=None

Damper:



Pattern: 399

Rectangular



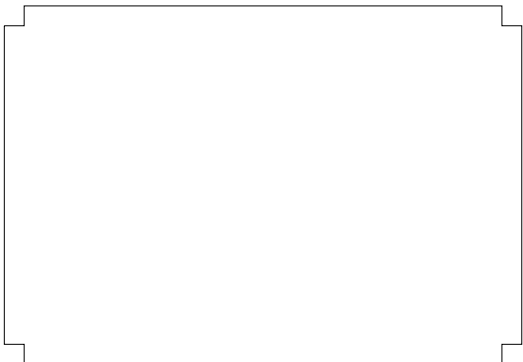
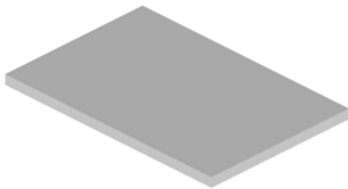
Dims		Options	Conn's
A=Btm Width		Throat Type=Radius	C1=None
B=Btm Depth		Vee Depth Male=Auto	C2=None
C=Top Width		Vee Depth Female=Auto	
D=Top Depth		Vee Angle Male=30	
E=Angle		Vee Angle Female=30	
F=Top Extension		Offset=Top Down	
G=Bottom Extension		Bending=Left	
H=Inner Radius		Allow Central Tie Rods=Yes	
I=Offset		Splitter Slit Angle=10.000	
		Intersect Splitter Holes=No	

Seams
S1=None

Damper:

Pattern: 401

Rectangular



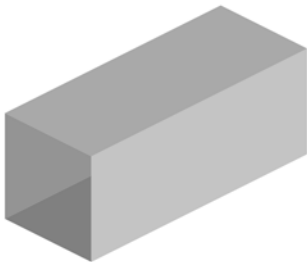
Dims			Options	Conn's
A=a	B=b	C=e	Vee Notch Angle=90	C1=None
			Duct Adjust=0.000	
			Minimum Part Area=0.000	

Seams

Damper:

Pattern: 410

Rectangular

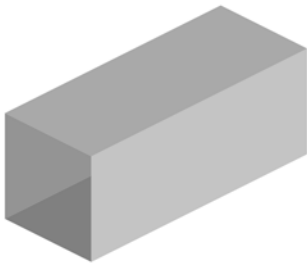


Dims			Options	Conn's
A=a	B=b	C=l	Straight Type=1 Part Straight Female Allow=Shortest Side 1xU,1xl=Shortest Side Connector Fold Notch=Use Default Vee Notch Depth=Auto Vee Notch Angle=30.000 Connector Fold Notch=Use Default Vee Notch Depth=Auto Vee Notch Angle=30.000 Beading=No Insulation UI=Shortest Side	C1=None C2=None
				Seams S1=None

Damper:

Pattern: 411

Rectangular

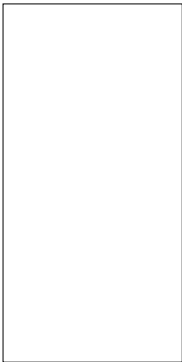
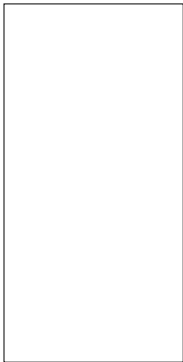
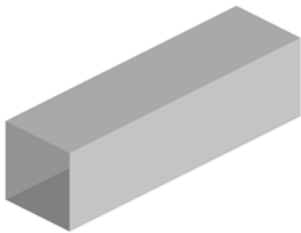


Dims			Options	Conn's
A=a	B=b	C=l	Straight Type=1 Part Straight Female Allow=Shortest Side 1xU,1xl=Shortest Side Connector Fold Notch=Use Default Vee Notch Depth=Auto Vee Notch Angle=30.000 Connector Fold Notch=Use Default Vee Notch Depth=Auto Vee Notch Angle=30.000 Beading=No Insulation UI=Shortest Side	C1=None C2=None
				Seams S1=None

Damper:

Pattern: 412

Rectangular



Dims					Options	Conn's
A=a	B=b	C=l	D=e	E=f	Straight Type=1 Part Straight	C1=None
F=a	G=b				Female Allow=Shortest Side	C2=None
					1xU,1xI=Shortest Side	
					Connector Fold Notch=Use Default	
					Vee Notch Depth=Auto	
					Vee Notch Angle=30.000	
					Duct Adjust=0.000	
					Connector Fold Notch=Use Default	
					Vee Notch Depth=Auto	
					Vee Notch Angle=30.000	
					Beading=No	
					Insulation UI=Shortest Side	
						Seams
						S1=None

Damper:

Pattern: 415

Rectangular



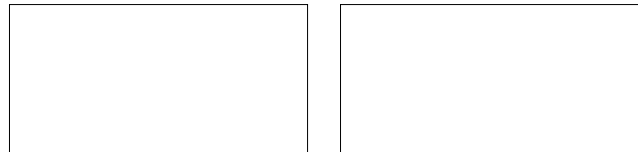
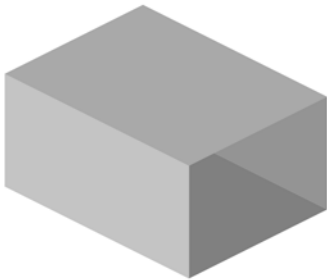
Dims					Options	Conn's
A=a	B=b	C=c	D=d	E=e	1 Part Straight=Yes	C1=None
F=f	G=l					C2=None

Seams
S1=None

Damper:

Pattern: 417

Rectangular



Dims				Options	Conn's
A=a	B=d	C=b	D=l	Throat Type=Mitred	C1=None
				2 Parts=Yes	C2=None
				Vee Depth Male=Auto	
				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	
				Vee Notch Angle=30.000	
				Dynamic Hole Adjust=Auto	

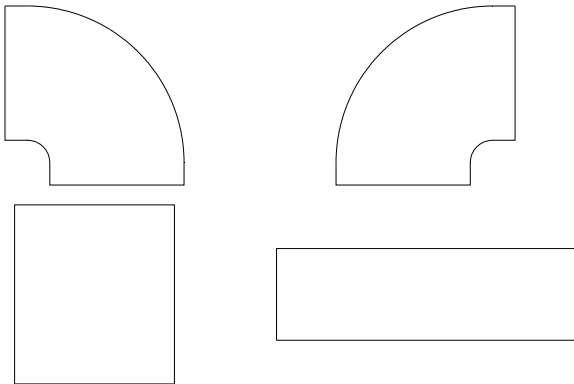
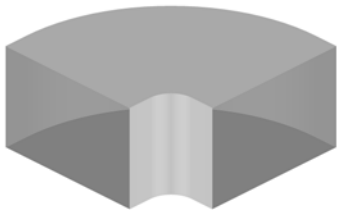
Seams

S1=None

Damper: None
None

Pattern: 420

Rectangular



Dims					Options	Conn's
A=a	B=b	C=e	D=f	E=r	Throat Type=Radius	C1=None
				F=l	Length Adjust For Part 4=0.000	C2=None
					Length Adjust For Part 3=0.000	
					Vee Depth Male=Auto	
					Vee Depth Female=Auto	
					Vee Angle Male=30	
					Vee Angle Female=30	
					Auto Oversize=Normal	
					Seam Number For Throat=	
					2 Part Wrapper=No	
					Leg Lengths=No	
					Allow Central Tie Rods=Yes	
					Riser Bend=No	
					Mark Splitter Sides=No	

Seams

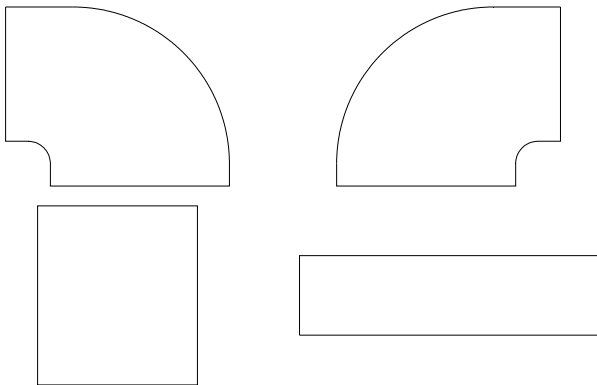
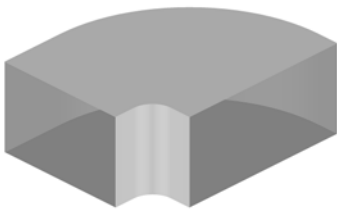
S1=None

S2=None

Damper:

Pattern: 421

Rectangular



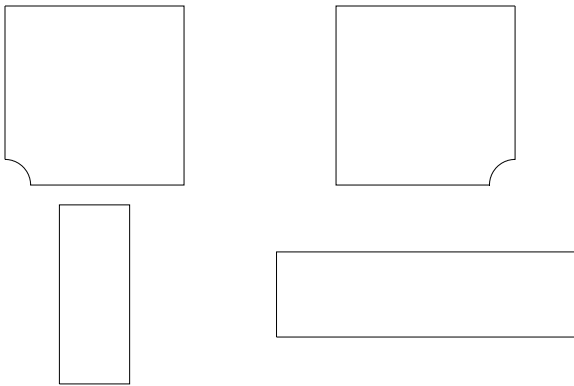
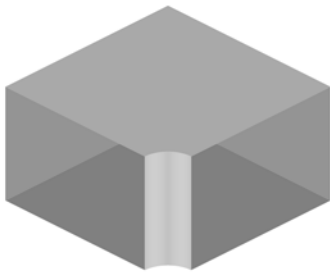
Dims					Options	Conn's
A=a	B=b	C=d	D=e	E=f	Throat Type=Radius	C1=None
F=r	G=l				Length Adjust For Part 4=0.000	C2=None
					Length Adjust For Part 3=0.000	
					Vee Depth Male=Auto	
					Vee Depth Female=Auto	
					Vee Angle Male=30	
					Vee Angle Female=30	
					Auto Oversize=Normal	
					Seam Number For Throat=	
					2 Part Wrapper=No	
					Leg Lengths=No	
					Allow Central Tie Rods=Yes	
					Riser Bend=No	
					Mark Splitter Sides=No	

Seams
S1=None
S2=None

Damper:

Pattern: 430

Rectangular



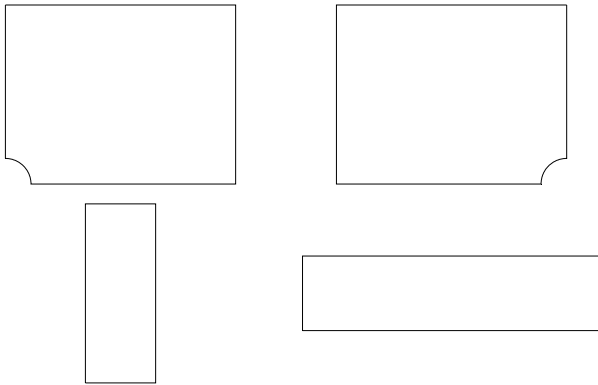
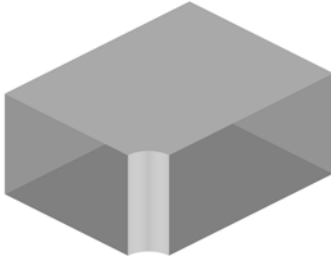
Dims					Options	Conn's
A=a	B=b	C=e	D=f	E=r	Throat Type=Radius	C1=None
F=l					Length Adjust For Part 4=0.000	C2=None
					Length Adjust For Part 3=0.000	
					Vee Depth Male=Auto	
					Vee Depth Female=Auto	
					Vee Angle Male=30	
					Vee Angle Female=30	
					3 Parts=No	
					Auto Oversize=Normal	
					Seam Number For Throat=	
					2 Part Wrapper=No	
					Leg Lengths=No	
					Allow Central Tie Rods=Yes	
					Riser Bend=No	
					Mark Splitter Sides=No	

Seams
S1=None
S2=None

Damper:

Pattern: 431

Rectangular



Dims	Options	Conn's
A=a B=b C=d D=e E=f F=r G=l	Throat Type=Radius Length Adjust For Part 4=0.000 Length Adjust For Part 3=0.000 Vee Depth Male=Auto Vee Depth Female=Auto Vee Angle Male=30 Vee Angle Female=30 3 Parts=No Auto Oversize=Normal Seam Number For Throat= 2 Part Wrapper=No Leg Lengths=No Allow Central Tie Rods=Yes Riser Bend=No Mark Splitter Sides=No	C1=None C2=None

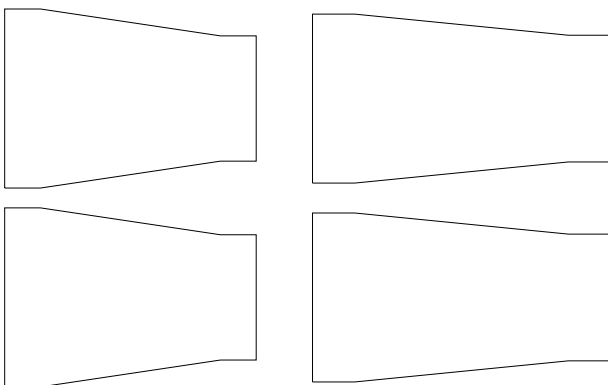
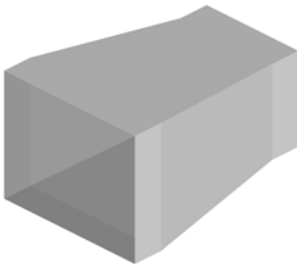
Seams

S1=None
S2=None

Damper:

Pattern: 440

Rectangular



Dims	Options	Conn's
A=a B=b C=c D=d E=h F=m G=l H=Angle	2 Parts=No 3 Parts=No Vee Depth Male=Auto Vee Depth Female=Auto Vee Notch Angle=20.000 Taper Notch If Straight Edge (Female)=No Female Allow=Shortest Slope 2-Sided Part Allowance=Auto Taper Notch If Straight Edge (Male)=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 Edge (Female)... 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	C1=None C2=None

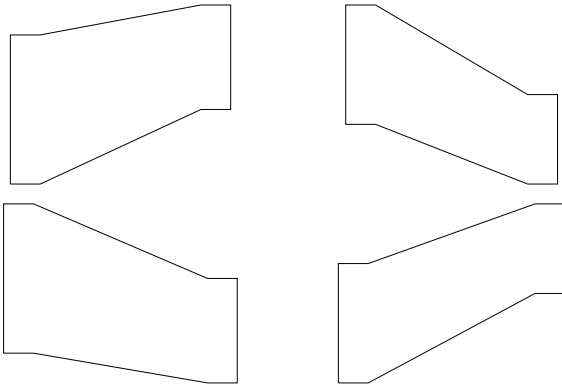
Seams

S1=None

Damper:

Pattern: 441

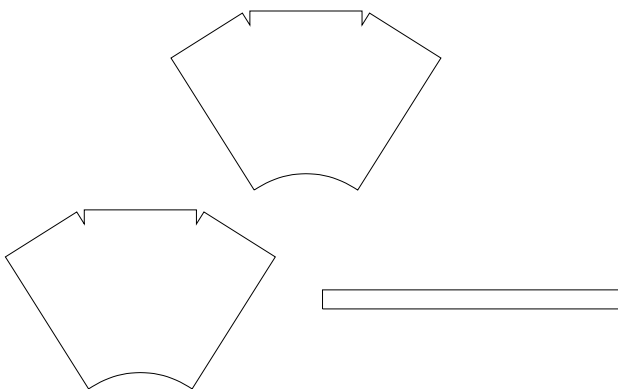
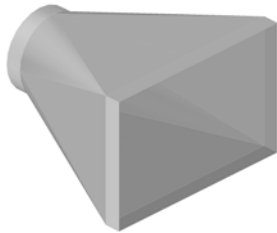
Rectangular



Dims		Options	Conn's
A=a	B=b	2 Parts=No	C1=None
C=c	D=d	3 Parts=No	C2=None
E=e	F=f	Vee Depth Male=Auto	
G=h	H=m	Vee Depth Female=Auto	
I=l	J=Angle	Vee Notch Angle=20.000	
		Taper Notch If Straight Edge (Female)=No	
		Female Allow=Shortest Slope	
		2-Sided Part Allowance=Auto	
		Taper Notch If Straight Edge (Male)=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 Edge (Female)...	
		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=None
			Damper:

Pattern: 450

Rectangular/Round

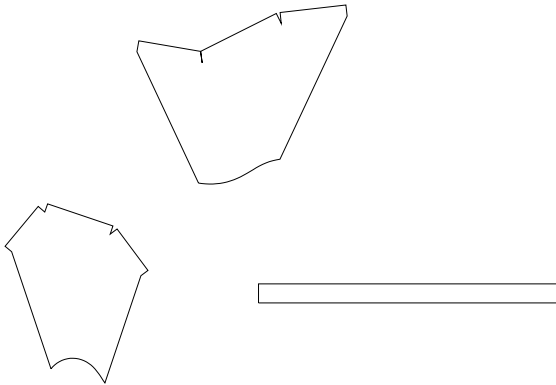
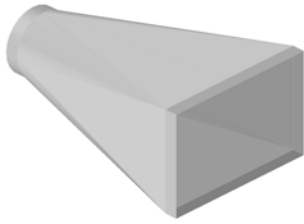


Dims		Options	Conn's
A=a		Cross Break=2	C1=None
B=b		Length Break=1	C2=None
C=d		Diameter Type=Nominal	
D=h		Seam Position=Width	
E=m		Marker Type=Notch	
F=l		Offset Width=Left In	
G=Corner Radius		Offset Depth=Bottom Up	
		Inlet=1	
		Outlet=2	
		Fold Notch Depth=Full Allowance	
		V Notch Rectangular Extension=No	
		Seam Cut Back=None	
		Cut Back Allowance (%)=50.000	
		2 Parts 90 Degrees Seam=No	
			Seams
			S1=None

Damper: None

Pattern: 451

Rectangular/Round



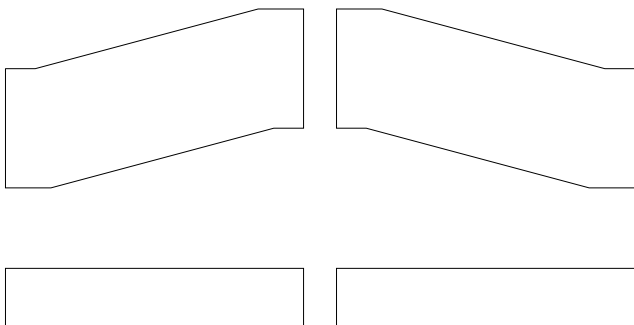
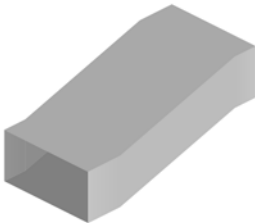
Dims	Options	Conn's
A=a	Cross Break=2	C1=None
B=b	Length Break=1	C2=None
C=d	Diameter Type=Nominal	
D=e	Seam Position=Width	
E=f	Marker Type=Notch	
F=h	Offset Width=Left In	
G=m	Offset Depth=Bottom Up	
H=l	Inlet=1	
I=Corner Radius	Outlet=2	
	Fold Notch Depth=Full Allowance	
	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

Seams
S1=None

Damper: None

Pattern: 460

Rectangular



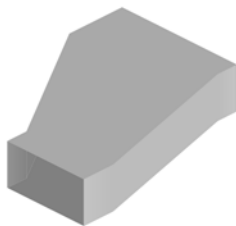
Dims	Options	Conn's
A=a	Vee Depth Male=Auto	C1=None
B=b	Vee Depth Female=Auto	C2=None
C=e	Vee Notch Angle=30.000	
D=h	Offset=Bottom Up	
E=m	Split Mitre=No	
F=l		
G=Angle		
H=Left Extension		
I=Right Extension		
J=Right Width		

Seams
S1=None

Damper: None
None

Pattern: 461

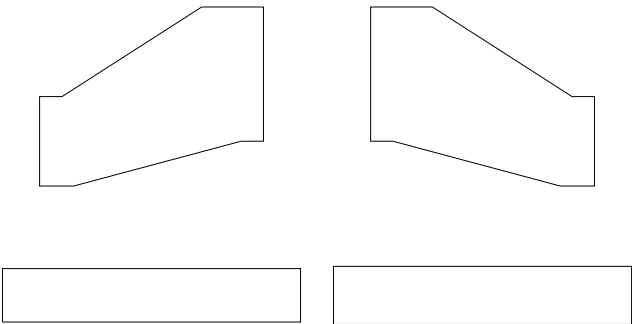
Rectangular



Dims	Options	Conn's
A=a	Vee Depth Male=Auto	C1=None
B=b	Vee Depth Female=Auto	C2=None
C=d	Vee Notch Angle=30.000	
D=e	Offset=Bottom Up	
E=h	Split Mitre=No	
F=m		
G=l		
H=Angle		
I=Left Extension		
J=Right Extension		
K=Right Width		

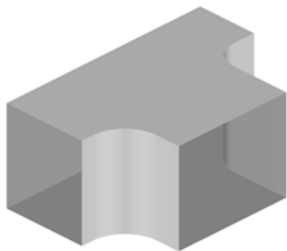
Seams
S1=None

Damper: None
None



Pattern: 470

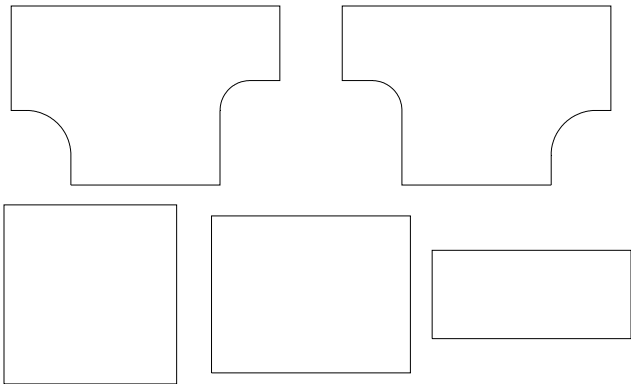
Rectangular



Dims	Options	Conn's
A=a	Throat Type=Radius	C1=None
B=b	3 Parts=No	C2=None
C=d	Vee Depth Male=Auto	C3=None
D=h	Vee Depth Female=Auto	
E=i	Vee Notch Angle=30.000	
F=j	Hole Diameter=0.500	
G=p	Hole Spacing=2.000	
H=q	Splitters=No	
I=r	Inlet=1	
J=Splitter Distance	Outlet=2	

Seams
S1=None

Damper:



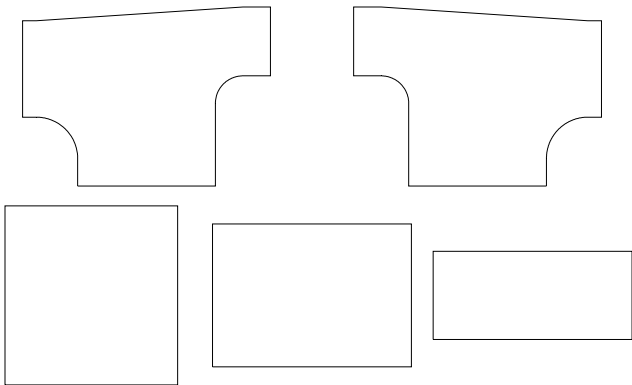
Pattern: 471

Rectangular



Dims	Options	Conn's
A=a	Throat Type=Radius	C1=None
B=b	3 Parts=No	C2=None
C=d	Vee Depth Male=Auto	C3=None
D=e	Vee Depth Female=Auto	
E=h	Vee Notch Angle=30.000	
F=i	Hole Diameter=0.500	
G=j	Hole Spacing=2.000	
H=p	Splitters=No	
I=q	Inlet=1	
J=r	Outlet=2	
K=Splitter Distance		
		Seams
		S1=None

Damper:



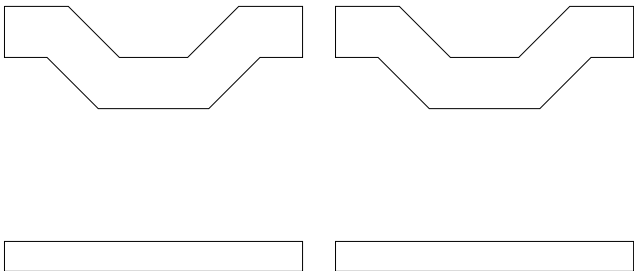
Pattern: 472

Rectangular



Dims	Options	Conn's
A=Left Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Right Width	Vee Notch Angle=30.000	
D=Centre Length	Length Includes Extensions=No	
E=Left Extension	Centre Width=No	
F=Right Extension		
G=Offset		
H=Angle		
I=Total Length		
		Seams
		S1=None

Damper:



Pattern: 480

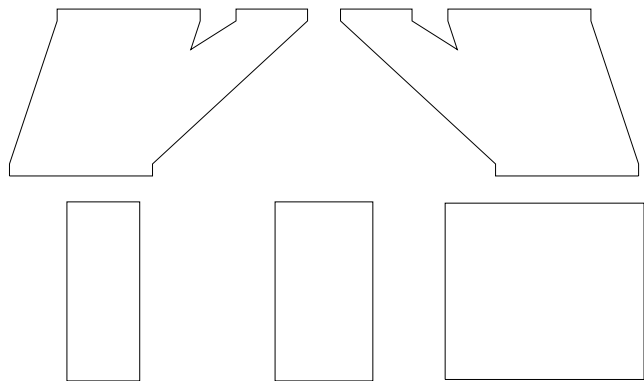
Rectangular



Dims		Options	Conn's
A=a		Vee Depth Male=Auto	C1=None
B=b		Vee Depth Female=Auto	C2=None
C=d		Vee Angle Male=30	C3=None
D=e		Vee Angle Female=30	
E=h		Offset Depth=Bottom Up	
F=i		Offset Width=Left Out	
G=j			
H=l			
I=m			
J=Branch Height			

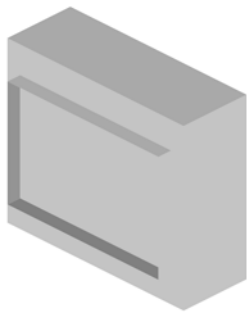
Seams
S1=None
S2=None

Damper:



Pattern: 501

Rectangular/Equipment



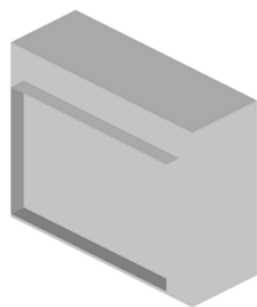
Dims		Options	Conn's
A=Width	B=Depth	Install Type=Plain	C1=None
C=Length	D=Inset	Control Type=None	C2=None
E=Sides	F=Top	Type=Single	
		Temperature Type=None	
		Draw Type=None	
		Lines=No	
		Cost Supports=No	
		Lines Type=Quantity	
		Lines=3.000	

Seams

Damper:

Pattern: 502

Rectangular/Equipment



Dims		Options	Conn's
A=Width	B=Depth	Install Type=Plain	C1=None
C=Length	D=Inset	Control Type=None	C2=None
E=Sides	F=Top	Type=Single	
G=Bottom		Temperature Type=None	
		Draw Type=None	
		Lines=No	
		Connector 1 Outside=No	
		Connector 2 Outside=No	
		Cost Supports=No	
		Lines Type=Quantity	
		Lines=3.000	

Seams

Damper:

Pattern: 503

Rectangular/Equipment



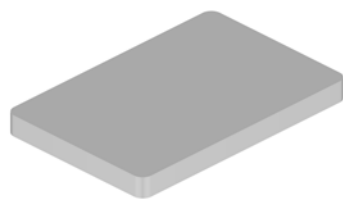
Dims		Options	Conn's
A=Width		Position From=Edge	C1=None
B=Depth		Lines=3	C2=None
C=Height		Rotation=0.000	
D=Plate Border (Width)		Arrows/Lines=None	
E=Plate Border (Depth)		Arrows/Lines Sides=0	
		Lines/Circles Spacing=1.000	
		Arrows Direction=Auto	
		Circles=No	
		Arrows Type=1	

Seams

Damper:

Pattern: 504

Rectangular



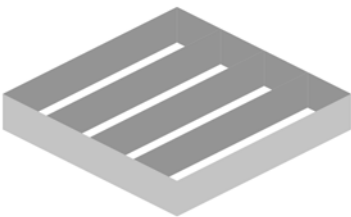
Dims	Options	Conn's
A=Width	Number Of Locks=0	C1=None
B=Depth	Area Of Influence X=0.000	C2=None
C=Turnover	Area Of Influence Y=0.000	
D=Corner Radius	Area Of Influence Z=0.000	
E=Inner Diameter	Mirror=No	
F=Outer Diameter	Dynamic Hole Adjust=Auto	
G=Depth #1		
H=Depth #2		
I=Inset		

Seams

Damper:

Pattern: 505

Rectangular/Equipment



Dims	Options	Conn's
A=Width	Type=Supply	C1=None
B=Depth	Position From=Edge	C2=None
C=Height	Lines=3	
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	
	Cost Supports=No	

Seams

Damper:

Pattern: 506

Rectangular/Equipment

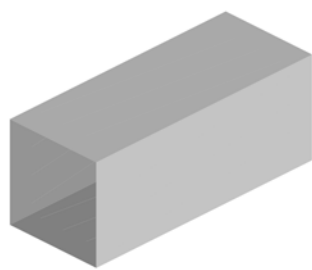


Dims		Options	Conn's
A=Width	B=Depth	Install Type=Plain	C1=None
C=Length	D=Inset	Control Type=None	
E=Sides	F=Top	Type=Single	
G=Bottom		Temperature Type=None	
		Draw Type=None	
		Lines=No	
		Connector 1 Outside=No	
		Connector 2 Outside=No	
		Cost Supports=No	
		Lines Type=Quantity	
		Lines=3.000	
			Seams

Damper:

Pattern: 507

Rectangular/Equipment

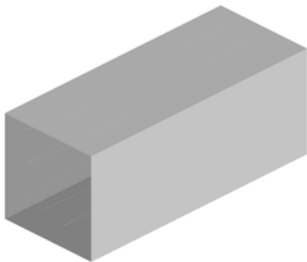


Dims		Options	Conn's
A=Width		Type=Plain	C1=None
B=Depth		Type=Single	C2=None
C=Length		Type=Multiple Banks	
D=Damper Angle		X-Offset=0.000	
		Y-Offset=0.000	
		Develop=No	
			Seams

Damper:

Pattern: 514

Rectangular/Equipment



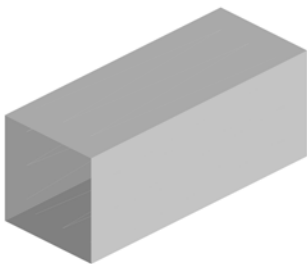
Dims	Options	Conn's
A=Width	Type=Plain	C1=None
B=Depth	Type=Single	C2=None
C=Length	Type=Multiple Banks	
D=Damper Angle	X-Offset=0.000	
	Y-Offset=0.000	
	Develop=No	

Seams

Damper:

Pattern: 515

Rectangular/Equipment



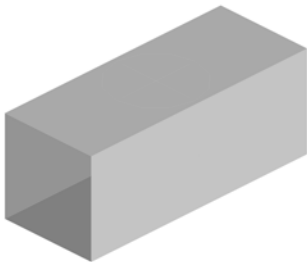
Dims	Options	Conn's
A=Width	Type=Plain	C1=None
B=Depth	Type=Single	
C=Length	Type=Multiple Banks	
D=Damper Angle	X-Offset=0.000	
	Y-Offset=0.000	
	Develop=No	

Seams

Damper:

Pattern: 518

Rectangular/Equipment



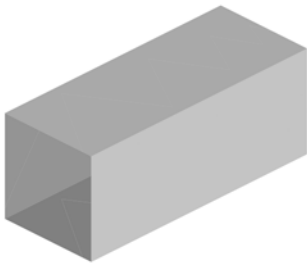
Dims		Options	Conn's
A=Width	B=Depth	Type=Heater	C1=None
C=Length		Chevron=0	C2=None
		Develop=No	

Seams

Damper:

Pattern: 519

Rectangular/Equipment



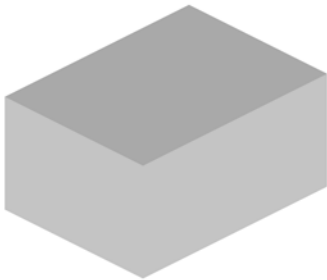
Dims		Options	Conn's
A=Width	B=Depth	Draw Type=Attenuator	C1=None
C=Length		Develop=No	C2=None
		Lines Type=Quantity	
		Lines=3.000	

Seams

Damper:

Pattern: 521

Rectangular/Standard/Equipment



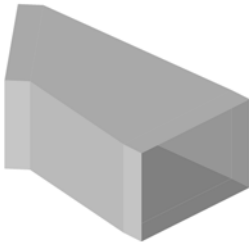
Dims		Options	Conn's
A=Width	B=Depth	Inlet=1	
C=Length		Outlet=1	
		Library=Duct	
		Type=None	
		Cost Supports=No	

Seams

Damper:

Pattern: 525

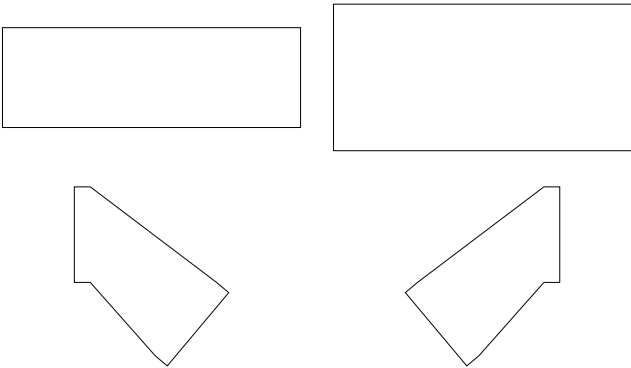
Rectangular



Dims		Options	Conn's
A=Width In		Folds=Out	C1=None
B=Depth In		Offset Width=Right In	C2=None
C=Width Out		New Pattern=No	
D=Depth Out			
E=Length			
F=Angle			
G=Extension In			
H=Extension Out			
I=Offset Width			

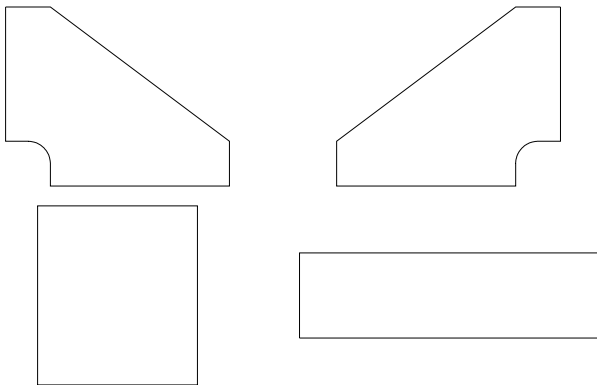
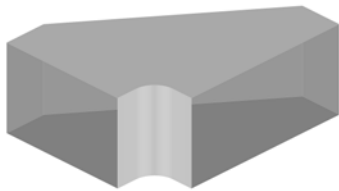
Seams
S1=None

Damper:



Pattern: 526

Rectangular



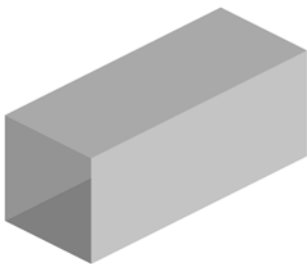
Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
D=Top Inner Extension	Vee Depth Male=Auto	
E=Bottom Inner Extension	Vee Depth Female=Auto	
F=Inner Radius	Vee Angle Male=30	
G=Top Outer Extension	Vee Angle Female=30	
H=Bottom Outer Extension	Auto Oversize=Normal	
	Seam Number For Throat=	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Folding Lines=No	

Seams
S1=None
S2=None

Damper:

Pattern: 535

Rectangular/Equipment



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

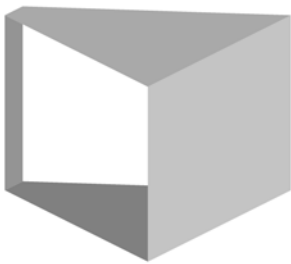
Seams

Damper:

Pattern: 760

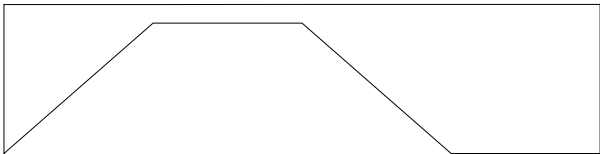
Rectangular

Dims		Options	Conn's
A=Width	B=Depth	Branch Parts=1	C1=None
C=Length #1	D=Angle	Input=Both Lengths	C2=None
E=Length #2	F=Width		



Seams
S1=None

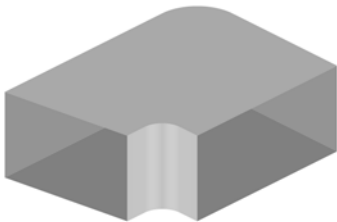
Damper:



Pattern: 761

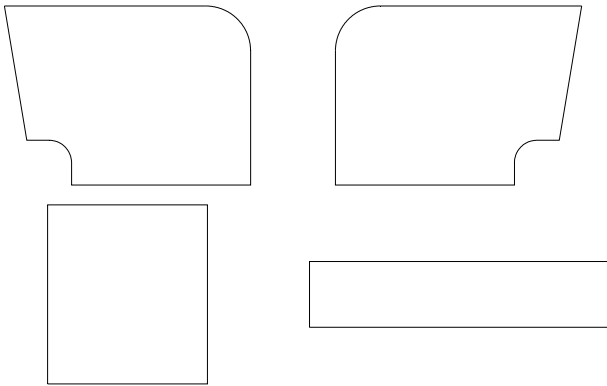
Rectangular

Dims		Options	Conn's
A=Top Width	B=Depth	Throat Type=Radius	C1=None
C=Btm Width	D=Angle	Length Adjust For Part 4=0.000	C2=None
E=Top Inner Extension	F=Bottom Extension	Length Adjust For Part 3=0.000	
G=Inner Radius	H=Outer Radius	Vee Depth Male=Auto	
I=Top Outer Extension		Vee Depth Female=Auto	
		Vee Angle Male=30	
		Vee Angle Female=30	
		3 Parts=No	
		Auto Oversize=Normal	
		Seam Number For Throat=	
		2 Part Wrapper=No	
		Leg Lengths=No	
		Allow Central Tie Rods=Yes	
		Riser Bend=No	
		Mark Splitter Sides=No	



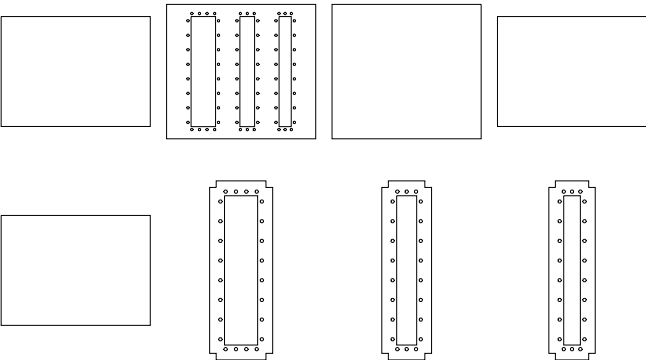
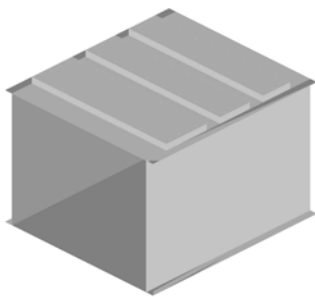
Seams
S1=None
S2=None

Damper:



Pattern: 764

Rectangular



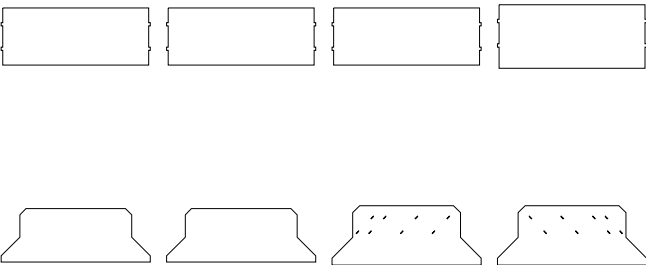
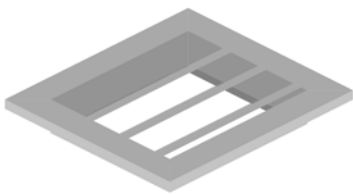
Dims				Options	Conn's
A=a	B=b	C=c	D=d	Hole=Top	C1=None
E=e	F=f	G=g	H=h	Hole=Top	C2=None
I=i	J=J1	K=J2	L=J3	Hole=Top	
M=K1	N=K2	O=K3	P=l	Number of Holes - Side A=8	
Q=p	R=r			Number of Holes - Side L=4	
				Number of Holes - Side L=3	
				Number of Holes - Side L=3	
				Hole Diameter=0.400	
				Hole Inset=Auto	
				Vee Notch Depth=0.100	
				Vee Notch Angle=30.000	
				2 Parts=No	
				Door Size Reduction=0.000	
				Holes Draw Detail=Auto	
				Add CAD Nodes=No	

Seams

Damper:

Pattern: 765

Rectangular



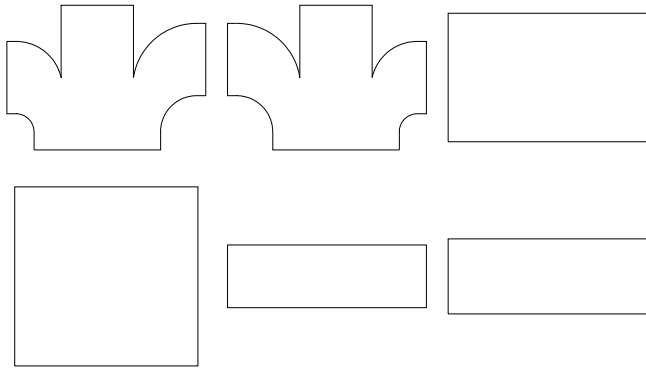
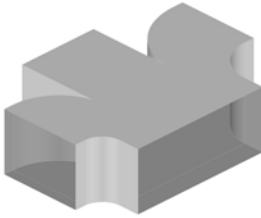
Dims		Options	Conn's
A=b	B=g	Corners=No	
C=h	D=Angle	Sides=Angle	
E=o	F=p	x=0.200	
G=r	H=s	y=0.400	
I=t		z=0.800	
		v=0.800	
		u=0.080	
		w=0.080	
		e=0.080	
		f=0.080	
		i=0.000	
		j=0.000	

Seams

Damper:

Pattern: 800

Rectangular



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Left Throat Type=Radius	C2=None
C=Top Width	Vee Depth Male=Auto	C3=None
D=Right Width	Vee Depth Female=Auto	C4=None
E=Left Width	Vee Angle Male=30	
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	
K=Right Angle	2 Part Wrapper=No	
L=Left Angle	Top Right=Straight	
M=Btm Right Extension	Top Left=Straight	
N=Btm Left Extension	Outlet=2	
O=Right Extension		
P=Left Extension		
Q=Top Extension		

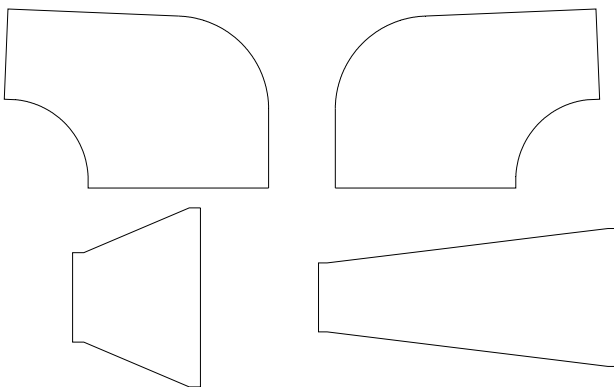
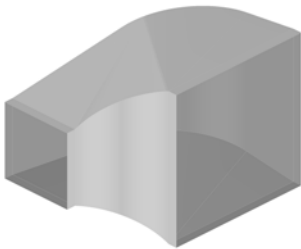
Seams

S1=None
S2=None

Damper:

Pattern: 801

Rectangular



Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Btm Depth	Vee Depth Male=Auto	C2=None
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=Outer Radius	Straight Edge Wrappers=No	
J=Offset	Splitter Slit Angle=10.000	
	Intersect Splitter Holes=No	

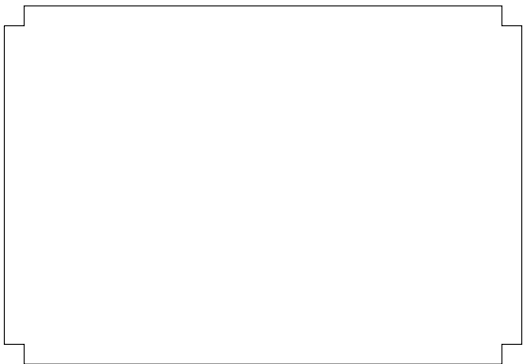
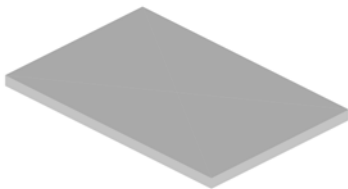
Seams

S1=None

Damper:

Pattern: 802

Rectangular



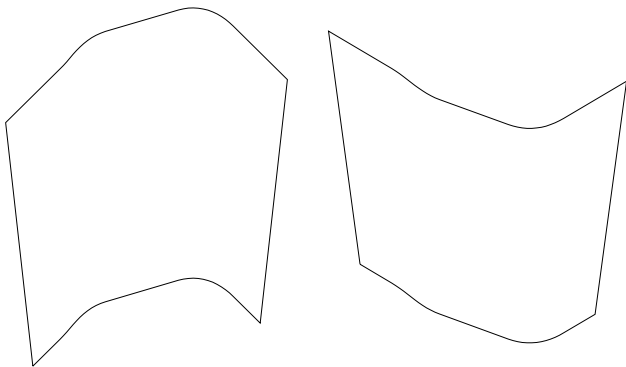
Dims		Options	Conn's
A=Width	B=Depth	Vee Notch Angle=90	C1=None
C=Turnover		Duct Adjust=0.000	
		Mirror=No	
		Symbol=Yes	

Seams

Damper:

Pattern: 810

Rectangular/Round



Dims		Options	Conn's
A=Width In		Cross Break=2	C1=None
B=Depth In			C2=None
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			

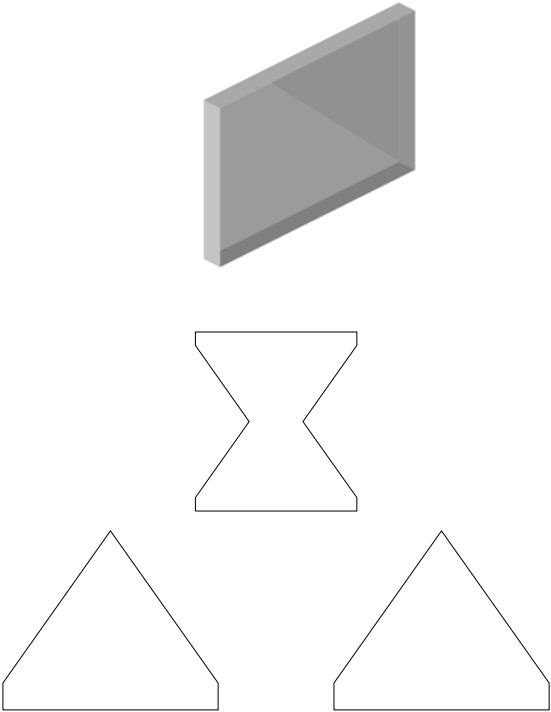
Seams

S1=None

Damper:

Pattern: 813

Rectangular



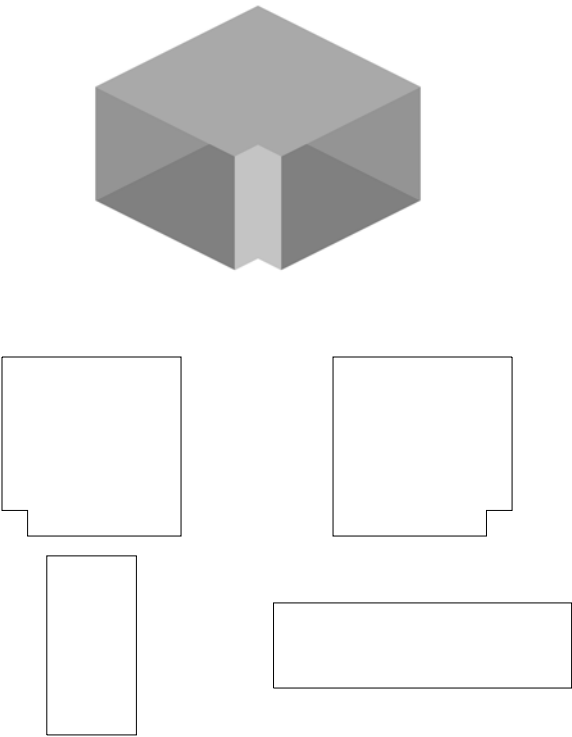
Dims		Options	Conn's
A=Length	B=Width	Vee Depth Male=Auto	C1=None
C=Height	D=Angle	Vee Depth Female=Auto	
E=Extension		Vee Notch Angle=30.000	
		Use Vee Notch=No	
		Number Of Parts=3	

Seams
S1=None

Damper:

Pattern: 819

Rectangular



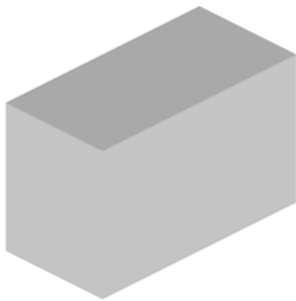
Dims		Options	Conn's
A=Top Width		Length Adjust For Part 4=0.000	C1=None
B=Depth		Length Adjust For Part 3=0.000	C2=None
C=Angle		Vee Depth Male=Auto	
D=Top Inner Extension		Vee Depth Female=Auto	
E=Bottom Extension		Vee Angle Male=30	
		Vee Angle Female=30	
		3 Parts=No	
		Seam Number For Throat=	
		Attenuator=No	
		Leg Lengths=No	
		Allow Central Tie Rods=Yes	
		Riser Bend=No	

Seams
S1=None

Damper:

Pattern: 828

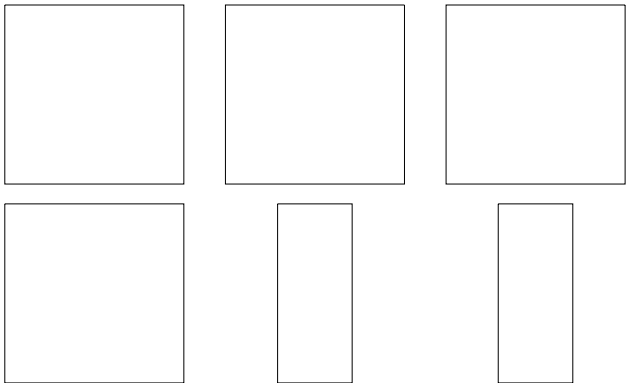
Rectangular



Dims	Options	Conn's
A=Left Width	Six Parts Left Lap=None	C1=None
B=Right Width	Six Parts Right Lap=None	
C=Depth	Parts=2	
D=Length		
E=Bottom Radius		
F=Top Radius		
G=Cross Break		

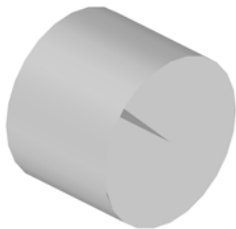
Seams
S1=None
S2=None

Damper:



Pattern: 834

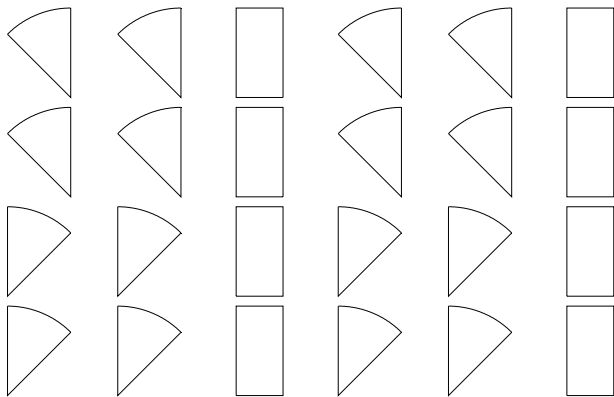
Rectangular



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Angle	Six Parts Right Lap=None	C2=None
C=Length	Allowance=Left	C3=None
D=Front Hole Diameter		
E=Back Hole Diameter		
F=Lid Pipe Radius		
G=Lid Pipe Length		
H=Base Pipe Radius		
I=Base Pipe Length		
J=Parts Left & Right		

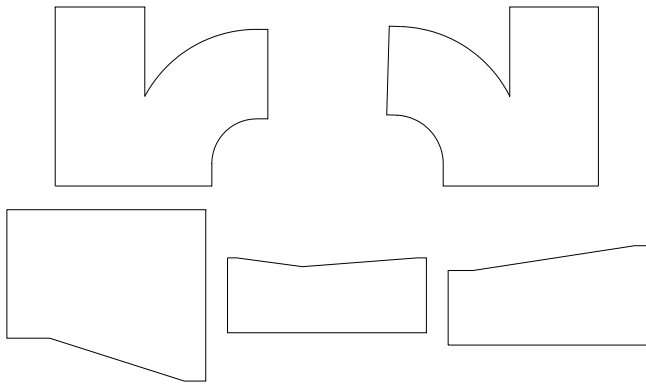
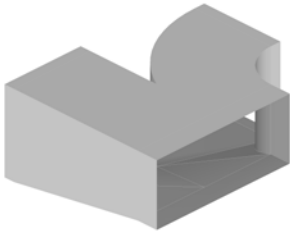
Seams
S1=None
S2=None
S3=None
S4=None

Damper:



Pattern: 835

Rectangular



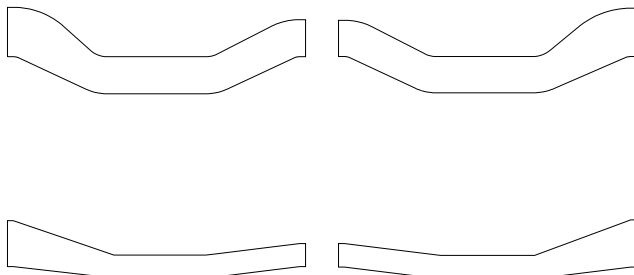
Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Btm Depth	Vee Depth Male=Auto	C2=None
C=Top Width	Vee Depth Female=Auto	C3=None
D=Top Depth	Vee Angle Male=30	
E=Right Width	Vee Angle Female=30	
F=Right Depth	Right Heel Type=Radius	
G=Top Offset	Junction Notch=Use Default	
H=Right Offset	Vee Notch Angle=20.000	
I=Height	Right Folds=End Point	
J=Right Height	Inlet=1	
K=Right Radius	Outlet=2	
L=Right Angle	Top Right=Straight	
M=Bottom Extension		
N=Right Extension		
O=Top Inset		
P=Top Extension		

Seams
S1=None

Damper:

Pattern: 836

Rectangular



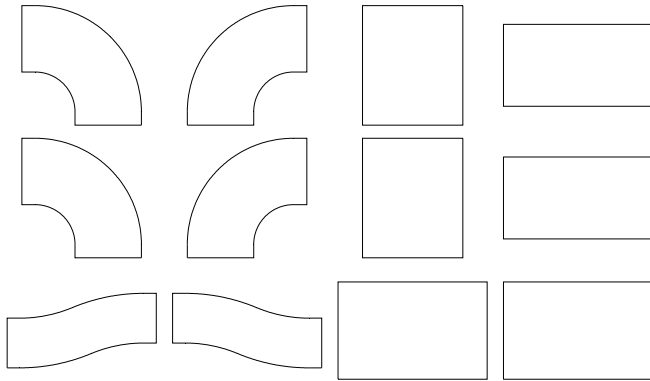
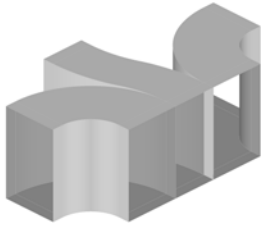
Dims	Options	Conn's
A=Left Width	Vee Depth Male=Auto	C1=None
B=Left Depth	Vee Depth Female=Auto	C2=None
C=Right Width	Vee Angle Male=30	
D=Right Depth	Vee Angle Female=30	
E=Centre Width	Left Offset Depth=Top Down	
F=Centre Depth	Right Offset Depth=Top Down	
G=Left Length	Equal Corner Radius=No	
H=Right Length		
I=Centre Length		
J=Left Extension		
K=Right Extension		
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		

Seams
S1=None

Damper:

Pattern: 847

Rectangular



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Btm Depth	Left Throat Type=Radius	C2=None
C=Btm Left Width	Vee Depth Male=Auto	C3=None
D=Btm Right Width	Vee Depth Female=Auto	C4=None
E=Top Width	Vee Angle Male=30	C5=None
F=Top Depth	Vee Angle Female=30	
G=Right Width	Gaps=0.000	
H=Right Depth	Add Connector Allowance To One Side On...	
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 Angle		
S=Left Angle		
T=Btm Right Extension		
U=Btm Left Extension		
V=Top Extension		
W=Right Extension		
X=Left Extension		

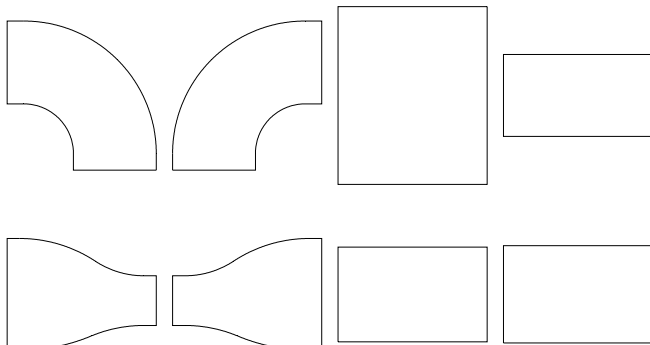
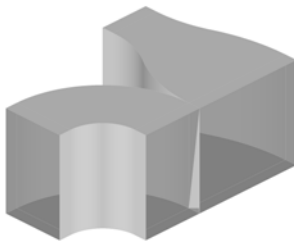
Seams

S1=None

Damper:

Pattern: 848

Rectangular



Dims	Options	Conn's
A=Btm Width	Left Throat Type=Radius	C1=None
B=Btm Depth	Vee Depth Male=Auto	C2=None
C=Btm Left Width	Vee Depth Female=Auto	C3=None
D=Top Width	Vee Angle Male=30	C4=None
E=Top Depth	Vee Angle Female=30	
F=Left Width	Gaps=0.000	
G=Left Depth	Add Connector Allowance To One Side On...	
H=Left Offset		
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		

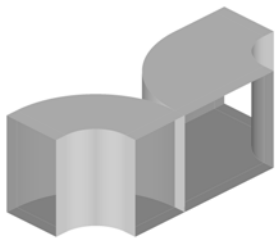
Seams

S1=None

Damper:

Pattern: 849

Rectangular

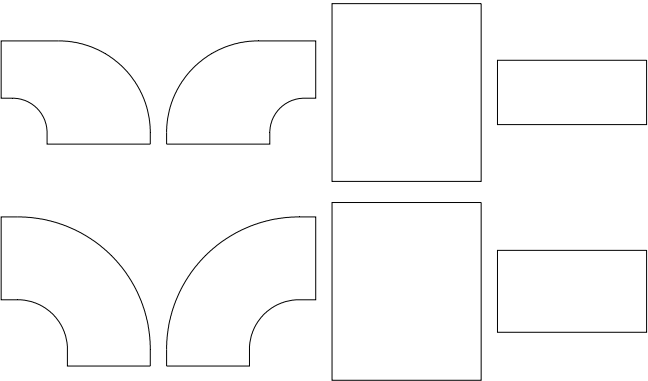


Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Btm Depth	Left Throat Type=Radius	C2=None
C=Btm Left Width	Vee Depth Male=Auto	C3=None
D=Right Width	Vee Depth Female=Auto	C4=None
E=Right Depth	Vee Angle Male=30	
F=Left Width	Vee Angle Female=30	
G=Left Depth	Gaps=0.000	
H=Right Offset	Add Connector Allowance To One Side On...	
I=Left Offset		
J=Right Radius		
K=Left Radius		
L=Right Angle		
M=Left Angle		
N=Btm Right Extension		
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		

Seams

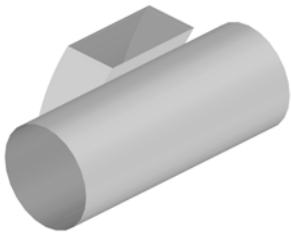
S1=None

Damper:



Pattern: 852

Rectangular/Round



Dims	Options	Conn's
A=Pipe Diameter	Inlet=1	C1=None
B=Angle	Outlet=2	C2=None
C=Pipe Length		C3=None
D=Inset		
E=Branch Height		
F=Branch Depth		
G=Branch Width		
H=Branch Gauge		
I=Extension		

Seams

S1=None

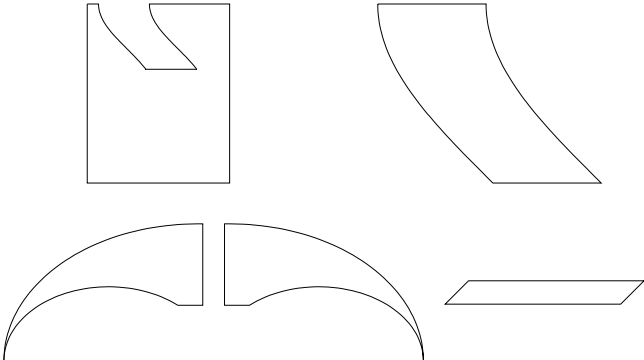
S2=None

S3=None

S4=None

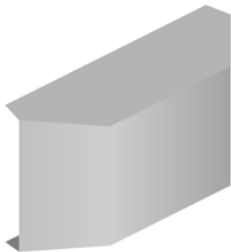
S5=None

Damper:



Pattern: 853

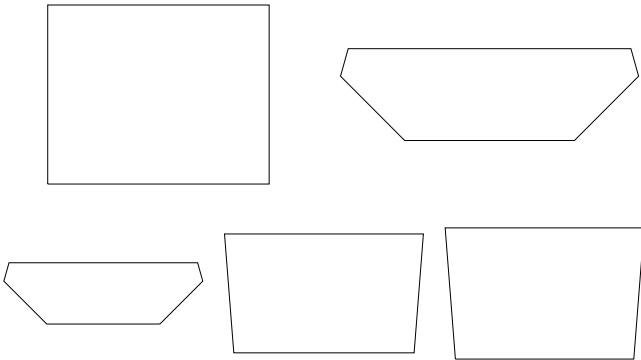
Rectangular



Dims	Options	Conn's
A=Top Length	3 Parts=No	
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		
K=Gauge		
L=Hole Diameter		
M=X-Offset		
N=Y-Offset		

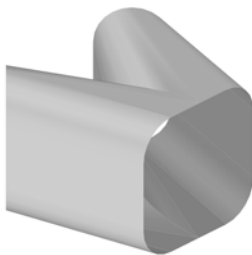
Seams
S1=None
S2=None

Damper:



Pattern: 854

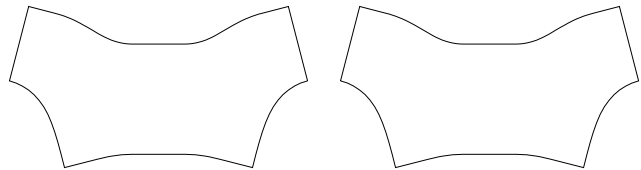
Rectangular/Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Left Diameter Type=Nominal	C2=None
C=Bottom Radius	Right Diameter Type=Nominal	C3=None
D=Left Width	Seam Position=Top	C4=None
E=Left Depth		
F=Left Radius		
G=Right Width		
H=Right Depth		
I=Right Radius		
J=Left Angle		
K=Right Angle		
L=Height		
M=Left Offset		
N=Right Offset		
O=Bottom Collar		
P=Left Collar		
Q=Right Collar		
R=Left Offset Depth		
S=Right Offset Depth		

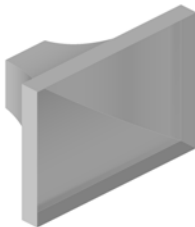
Seams
S1=None

Damper:

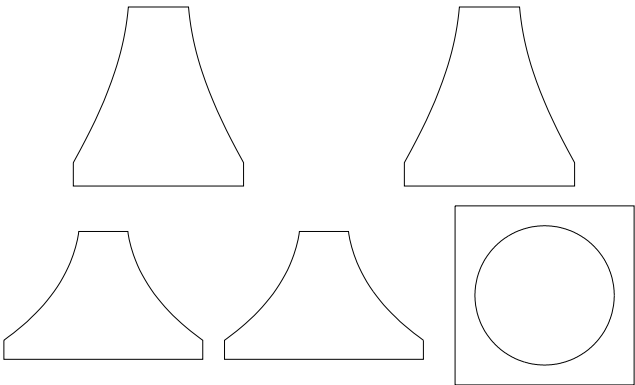


Pattern: 859

Rectangular



Dims	Options	Conn's
A=Btm Width		C1=None
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		
Seams		



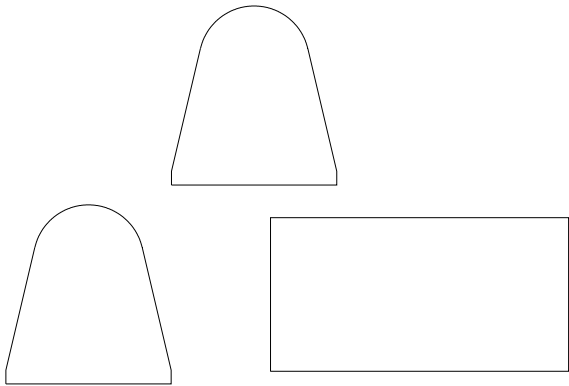
Damper:

Pattern: 860

Rectangular



Dims	Options	Conn's
A=Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	
C=Height	Vee Angle Male=30	
D=Top Radius	Vee Angle Female=30	
E=Bottom Extension		

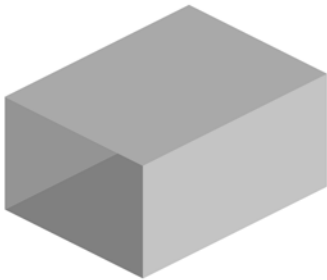


Seams
S1=None

Damper:

Pattern: 861

Rectangular/Standard



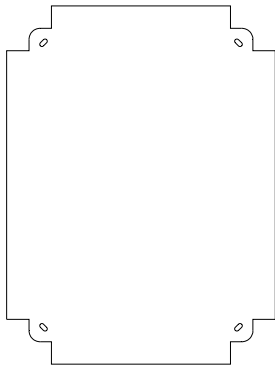
Dims		Options	Conn's
A=Width	B=Depth	Type=1 Part Straight	C1=None
C=Length		Notch Angle For Lid=45.000	
		Lid Adjust=0.000	
		Cost Supports=No	

Seams
S1=None
S2=None

Damper:

Pattern: 862

Rectangular



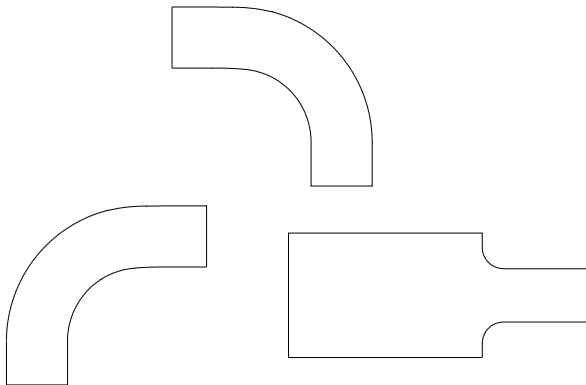
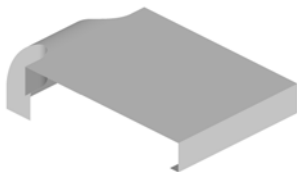
Dims		Options	Conn's
A=Width		Correct Hole Sizes=No	C1=None
B=Depth		Dynamic Hole Adjust=Auto	C2=None
C=Flange			
D=Turnover			
E=Corner Radius			
F=Hole Diameter			
G=Hole Length			
H=Hole Inset			

Seams

Damper:

Pattern: 864

Rectangular



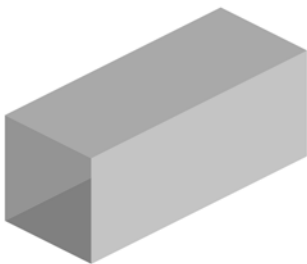
Dims	Options	Conn's
A=Width	Type=Inside	
B=Length		
C=Depth		
D=Top Width		
E=Radius In		
F=Radius Out		
G=Turnover		
H=Extension		

Seams
S1=None

Damper:

Pattern: 866

Rectangular



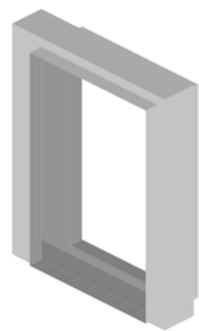
Dims	Options	Conn's
A=Width	Connector Fold Notch=Use Default	C1=None
B=Depth	Vee Notch Depth=Auto	C2=None
C=Length	Vee Notch Angle=30.000	
	Override=None	
	Connector Fold Notch=Use Default	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	
	Beading=No	
	Lengths Include Connector Adjust=No	
	Override Cut Type=None	
	Insulation Parts=Same	
	Insulation UI=Shortest Side	
	Machine Cut If Dynamic Branches=No	

Seams
S1=None
S2=None

Damper:

Pattern: 876

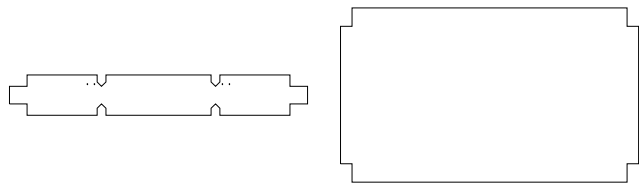
Rectangular



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

Seams

Damper:



Pattern: 882

Rectangular

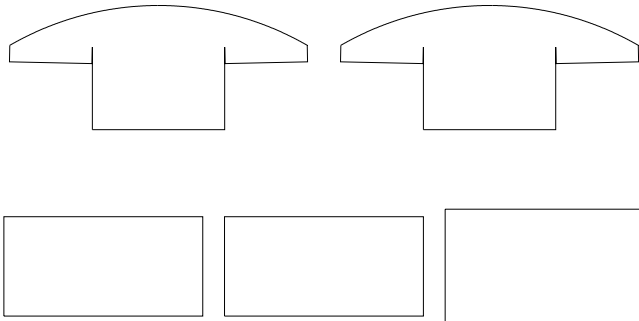


Dims	Options	Conn's
A=Width In		C1=None
B=Depth		C2=None
C=Width Out		C3=None
D=Angle Out		
E=Length		
F=Slope Angle		
G=Extension		

Seams

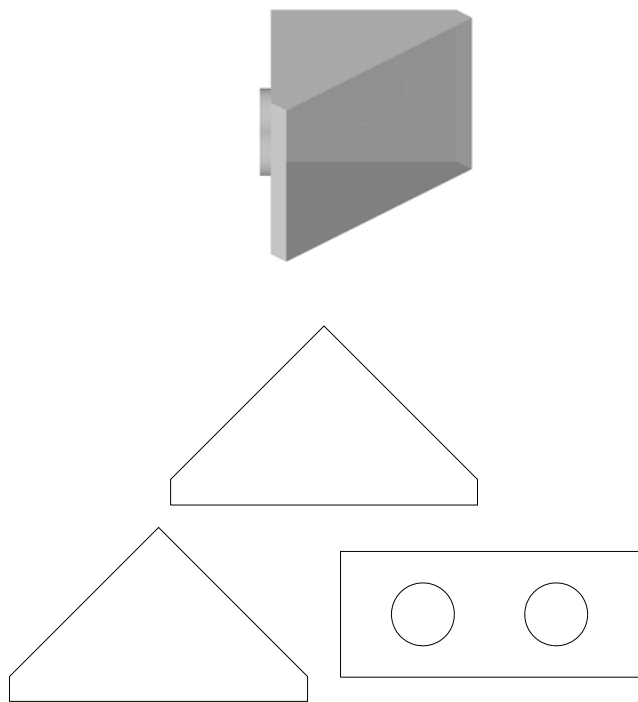
S1=None

Damper:



Pattern: 893

Rectangular



Dims	Options	Conn's
A=Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	
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		
K=Hole Depth		
L=Hole Radius		
M=Offset Width		
N=Offset Depth		
O=Step In Depth		
P=Step In Height		
Q=Depth		

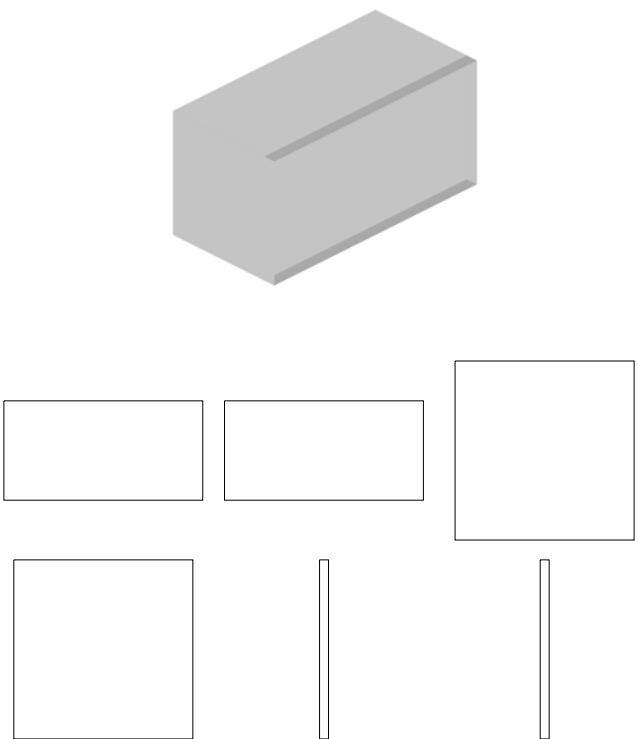
Seams

S1=None

Damper:

Pattern: 898

Rectangular/Standard



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

Seams

Damper:

Pattern: 902

Rectangular/Round/Flat Oval/Standard/Equipment

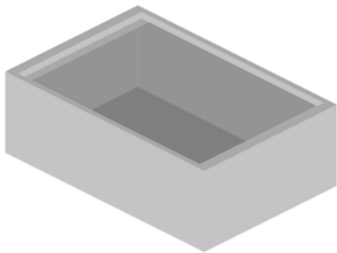
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	

Seams

Damper:

Pattern: 903

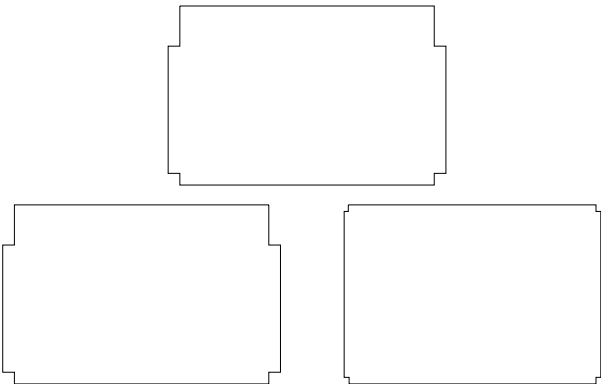
Rectangular



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

Seams

Damper:



Pattern: 910

Rectangular/Standard/Structure/Equipment



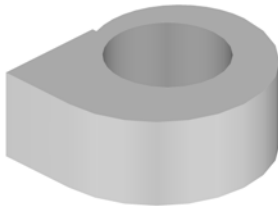
Dims	Options	Conn's
A=Depth	Type=Full	C1=None
B=Width	Rotation=Vertical	C2=None
C=Height	Closed=Yes	
D=Flange	Hole Type=Circle/Ellipse	
E=Flange	Draw as Single Line=No	
F=Radius	Full=No	
G=Radius	Connectors=Yes	
H=Web	Hole Rotation=0	
I=Left Horizontal Angle	Export=No	
J=Right Horizontal Angle		
K=Left 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		
U=Plate Width #1		
V=Plate Depth #1		
W=Plate Thickness #1		
X=Plate Inset #1		
Y=Plate Offset #1		
Z=Plate Width #2		
a=Plate Depth #2		
b=Plate Thickness #2		

Seams

Damper:

Pattern: 913

Rectangular/Round/Equipment



Dims	Options	Conn's
A=Width	Mirror=No	C1=None
B=Depth	Base Depth=Yes	C2=None
C=Length	Cost Supports=No	
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:

Pattern: 914

Rectangular/Equipment



Dims	Options	Conn's
A=Width	Install Type=Plain	C1=None
B=Depth	Sex Type=Male	C2=None
C=Length	Control Type=None	
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	Type=Auto	
J=Right Extension	Cost Supports=No	
K=Sides	Lines Type=Quantity	
L=Bottom	Lines=3.000	
M=Top		

Seams

Damper:

Pattern: 915

Rectangular

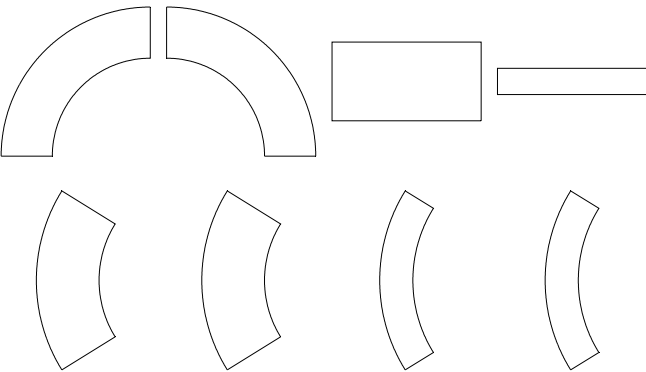


Dims	Options	Conn's
A=Diameter		
B=Inner Radius		
C=Angle		

Seams

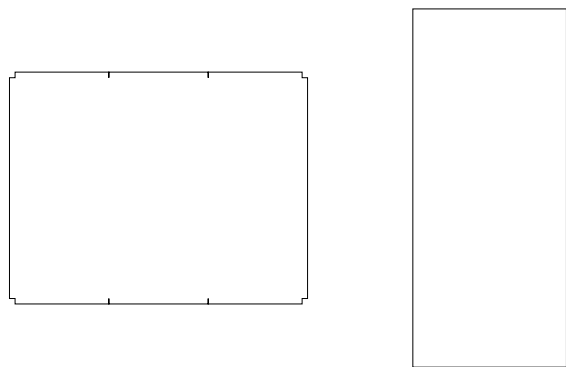
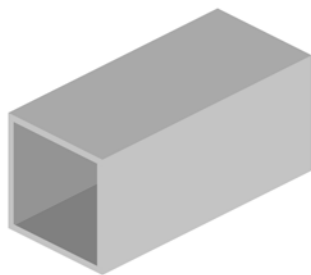
S1=None

Damper:



Pattern: 918

Rectangular



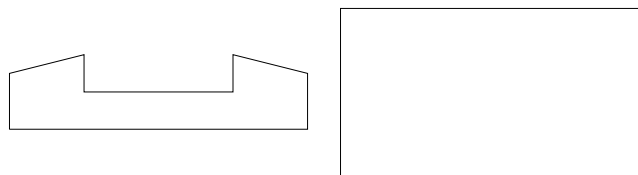
Dims	Options	Conn's
A=Width	Turnover=In	C1=None
B=Depth	Turnover=Top	C2=None
C=Length	Vee Notch Depth=Auto	
D=Turnover #1	Vee Notch Angle=0.000	
E=Turnover #2	Marker Depth=0.000	
	Marker Angle=0.000	
	Type=Rectangular	
	Maximum Stretchout=10000.000	

Seams

Damper:

Pattern: 919

Rectangular



Dims	Options	Conn's
A=Width	Vee Notch Depth=Auto	C1=None
B=Depth	Vee Notch Angle=0.000	C2=None
C=Length	Marker Depth=0.000	
D=Hole Length	Marker Angle=0.000	
E=Hole Width	Parts=2	
F=Turnover		
G=Left Length		

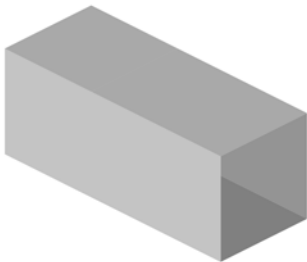
Seams

S1=None

Damper:

Pattern: 920

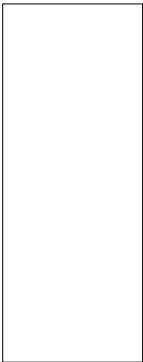
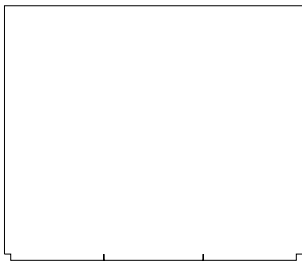
Rectangular



Dims	Options	Conn's
A=Width	Turnover=In	C1=None
B=Depth	Vee Notch Depth=Auto	C2=None
C=Depth	Vee Notch Angle=0.000	
D=Length	Marker Depth=0.000	
E=Extension	Marker Angle=0.000	
F=Turnover #1	Type=Rectangular	
G=Turnover #2	Maximum Stretchout=10000.000	

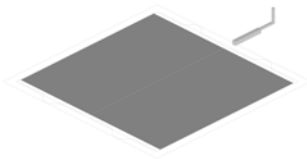
Seams

Damper:



Pattern: 921

Rectangular/Standard



Dims	Options	Conn's
A=Width	Type=Rectangular	C1=None
B=Depth	Vee Notch Depth=0.000	
C=Insulation	Vee Notch Angle=0.000	
D=Duct Adjust		
E=Maximum Width		
F=Corner		
G=Centre		

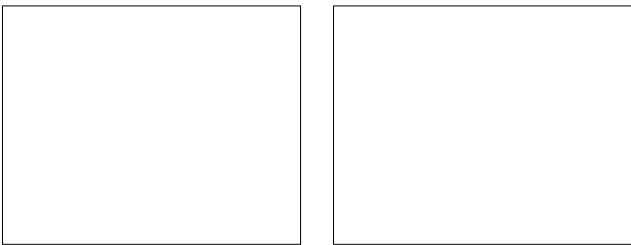
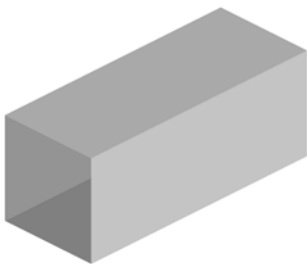
Seams

Damper:



Pattern: 924

Rectangular



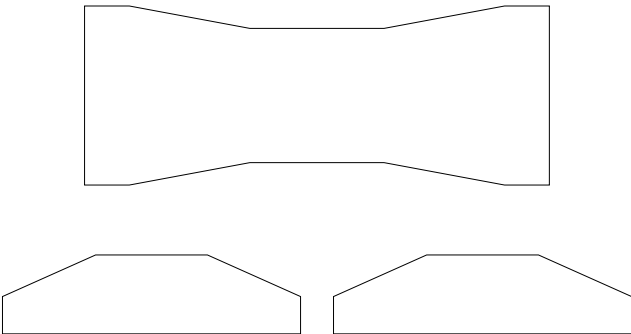
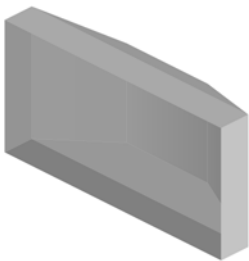
Dims		Options	Conn's
A=Width	B=Depth	Connector Fold Notch=Use Default	C1=None
C=Length		Vee Notch Depth=Auto	C2=None
		Vee Notch Angle=30.000	
		Override=None	
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Beading=No	
		Insulation UI=Shortest Side	

Seams
S1=None
S2=None

Damper:

Pattern: 926

Rectangular



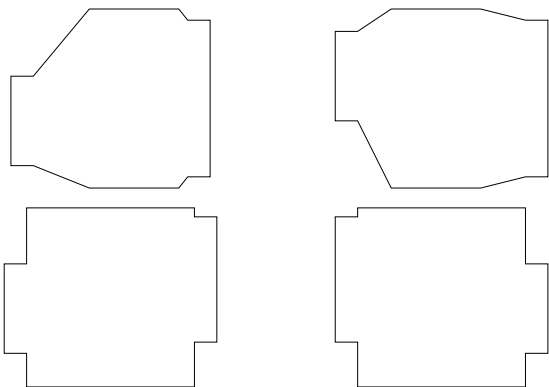
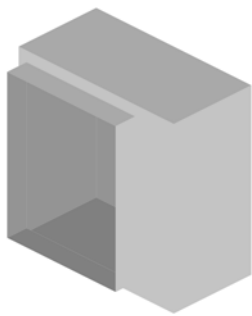
Dims		Options	Conn's
A=Left Width		Item Connector Len1=0.000	C1=None
B=Left Depth		Item Connector Len2=0.000	
C=Length		3 Parts=Yes	
D=Right Width		Connector=No	
E=Right Depth		Seam Extension=No	
F=Offset Width		Vee Depth Male=Auto	
G=Offset Depth		Vee Depth Female=Auto	
H=Left Extension		Vee Angle Male=90.000	
I=Right Extension		Vee Angle Female=90.000	
J=Step In Depth		Use Vee Notch=No	
K=Depth		Chamfer Seam Allowances=Yes	
		Rotation=0	
		Cost Supports=No	

Seams
S1=None
S2=None

Damper:

Pattern: 927

Rectangular



Dims	Options	Conn's
A=Width	Notch Angle For Seam=30.000	C1=None
B=Depth		C2=None
C=Length		
D=Inlet Width		
E=Inlet Depth		
F=Inlet Length		
G=Inlet Offset Width		
H=Inlet Offset Depth		
I=Outlet Width		
J=Outlet Depth		
K=Outlet Length		
L=Outlet Offset Width		
M=Outlet Offset Depth		

Seams

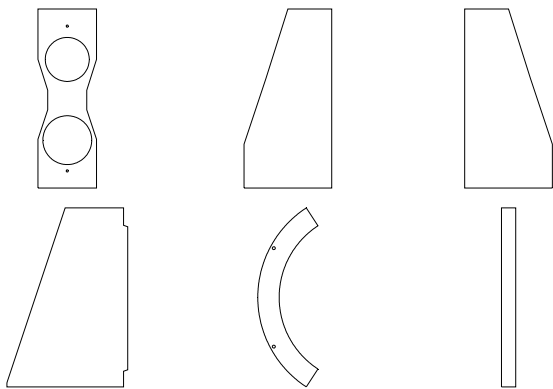
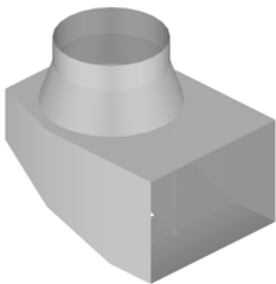
S1=None

S2=None

Damper:

Pattern: 929

Rectangular



Dims	Options	Conn's
A=Width	Front Top and Back Parts=1	C1=None
B=Depth	Pipe Parts=Yes	C2=None
C=Outlet	Hole Adjust=0.000	
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	
K=Extension	Vee Angle Male=30	
L=Hole Diameter	Vee Angle Female=30	
M=Tie Rod Position #1	Front Hole Offset=Centre	
N=Tie Rod Hole Diameter	Back Hole Offset=Centre	
O=Tie Rod Position #2		
P=Front Hole Offset		
Q=Back Hole Offset		

Seams

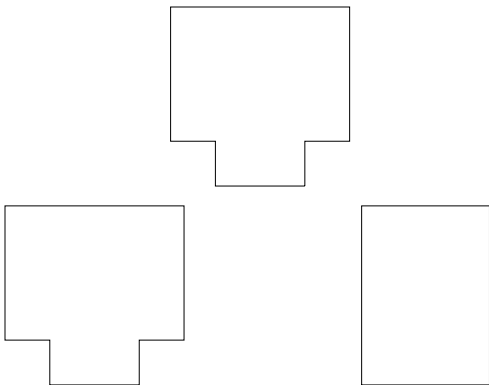
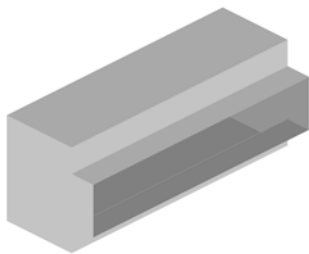
S1=None

S2=None

Damper:

Pattern: 932

Rectangular



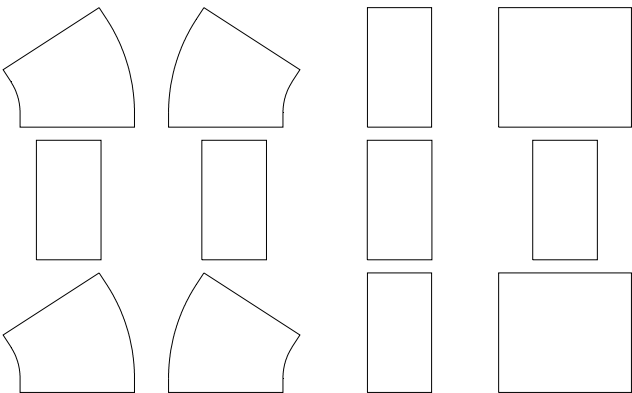
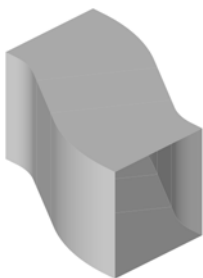
Dims	Options	Conn's
A=Top Width	Vee Angle Female=20	C1=None
B=Btm Width	Vee Angle Male=20	
C=Top Height	Vee Depth Female=Auto	
D=Bottom Height	Vee Depth Male=Auto	
E=Length	Chamfer Notches On Outer Corners=No	
F=Offset	3 Part Wrap=No	
	Connector Allowance=4 Sides	
	Cost Supports=No	

Seams
S1=None
S2=None

Damper:

Pattern: 939

Rectangular



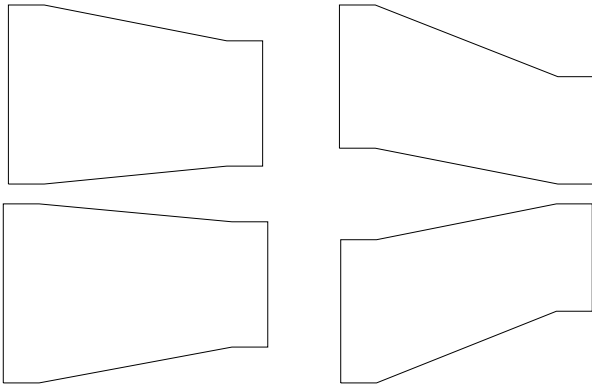
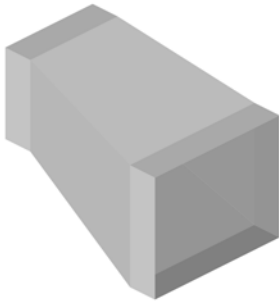
Dims	Options	Conn's
A=Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Length	Vee Angle Male=30	C3=None
D=Extension In	Vee Angle Female=30	C4=None
E=Extension Out	Offset Width=Left In	
F=Offset Width	Restricted Flow=Warning	
G=Radius		
H=Connector Inset		

Seams
S1=None
S2=None

Damper:

Pattern: 942

Rectangular/Ductboard



Dims	Options	Conn's
A=Width In	2 Parts=No	Fixing Holes on Tur... C1=None
B=Depth In	3 Parts=No	Show Fold Angles=... C2=None
C=Width Out	Vee Depth Male=A...	
D=Depth Out	Vee Depth Female=...	
E=Length	Vee Notch Angle=2...	
F=Extension In	Taper Notch If Strai...	
G=Extension Out	Female Allow=Shor...	
H=Offset Width	2-Sided Part Allowa...	
I=Offset Depth	Offset Width=Left In	
J=Angle	Offset Depth=Botto...	
	Taper Notch If Strai...	
	Use Taper Notch F...	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Input=Length	
	Vee Notch Depth If...	
	Maximum Angle=1...	
	Splitter Turnover=0...	
	Splitter Extension=...	
	Splitter Adjust=0.000	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Splitter Hole Diamo...	
	Number Of Holes=...	
	Splitters=Half	
	Hole Inset=0.000	

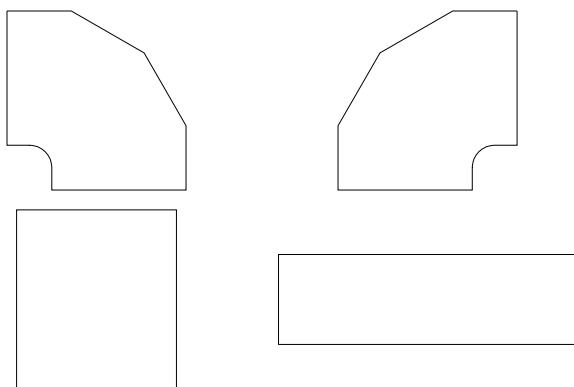
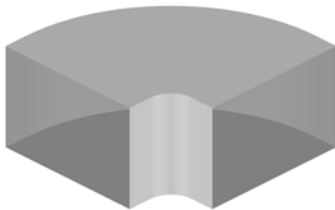
Seams

S1=None

Damper:

Pattern: 943

Rectangular/Ductboard



Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Angle	Length Adjust For Part 3=0.000	
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	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Outer Mitre=300.000	

Seams

S1=None

Damper:

Pattern: 944

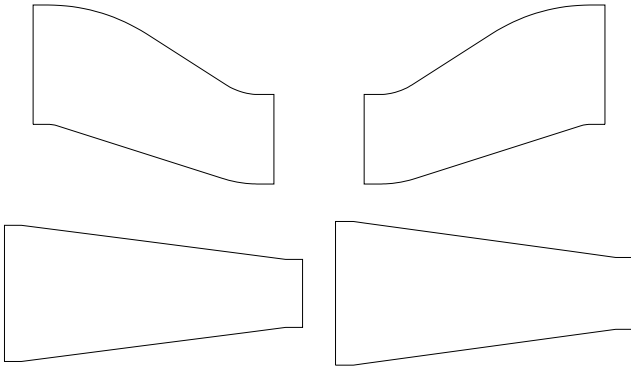
Rectangular/Ductboard



Dims	Options	Conn's
A=Width In	Vee Depth Male=Auto	C1=None
B=Depth In	Vee Depth Female=Auto	C2=None
C=Width Out	Vee Angle Male=30	
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		
I=Offset Depth		
J=Left Radius		
K=Right Radius		

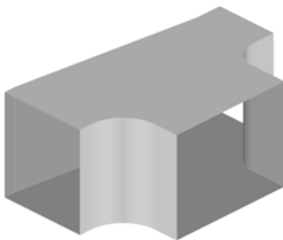
Seams
S1=None

Damper:



Pattern: 945

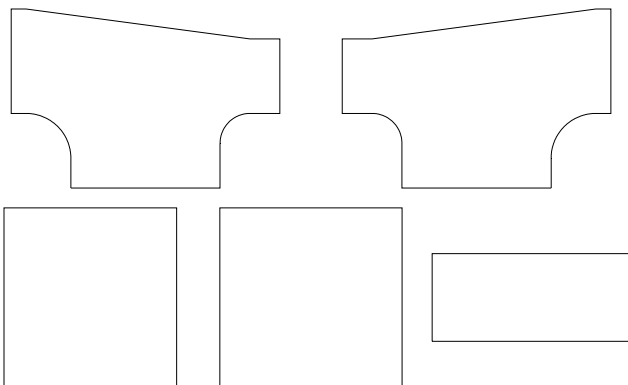
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Depth	Vee Depth Male=Auto	C2=None
C=Left Width	Vee Depth Female=Auto	C3=None
D=Right Width	Vee Notch Angle=30.000	
E=Right Radius	Hole Diameter=0.500	
F=Left Radius	Hole Spacing=2.000	
G=Btm Right Extension	Splitters=No	
H=Btm Left Extension	Inlet=1	
I=Right Extension	Outlet=2	
J=Left Extension		
K=Splitter Distance		

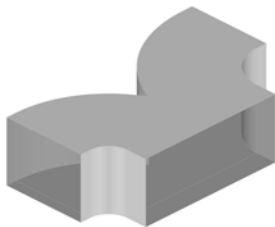
Seams
S1=None

Damper:



Pattern: 946

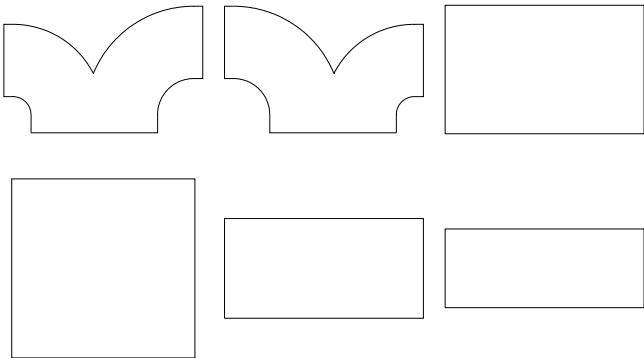
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Left Throat Type=Radius	C2=None
C=Right Width	Right Heel Type=Radius	C3=None
D=Left Width	Left Heel Type=Radius	
E=Height	2 Part Wrapper=No	
F=Right Radius	Outlet=2	
G=Left Radius		
H=Right Angle		
I=Left Angle		
J=Btm Right Extension		
K=Btm Left Extension		
L=Right Extension		
M=Left Extension		
N=Top Extension		

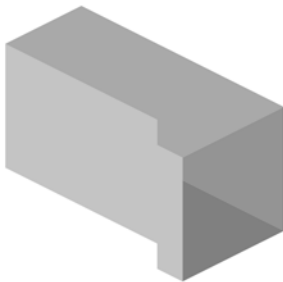
Seams
S1=None
S2=None

Damper:



Pattern: 947

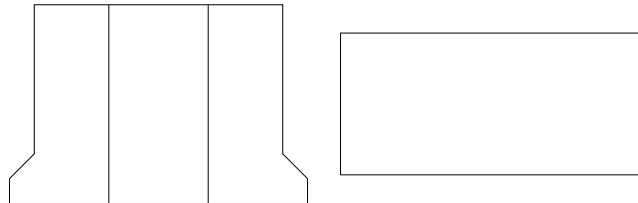
Rectangular/Ductboard



Dims	Options	Conn's
A=Top Width	Branch Parts=Auto	C1=None
B=Depth		C2=None
C=Height		
D=Btm Width		
E=Bottom Extension		

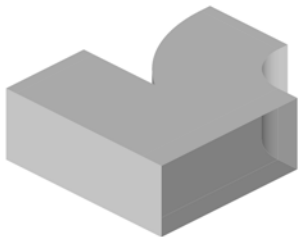
Seams

Damper:



Pattern: 950

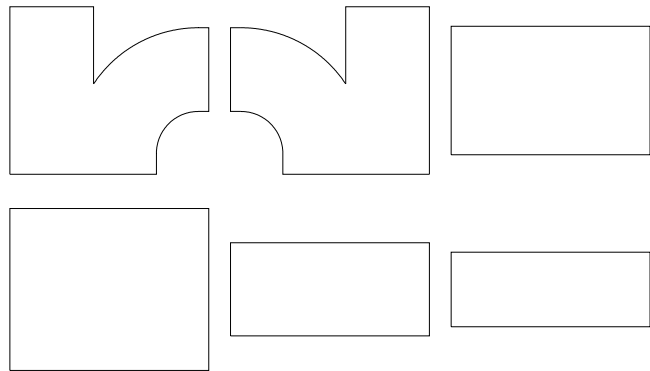
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Right Heel Type=Radius	C2=None
C=Top Width	2 Part Wrapper=No	C3=None
D=Right Width	Top Right=Straight	
E=Height	Outlet=2	
F=Right Height		
G=Right Radius		
H=Right Angle		
I=Bottom Extension		
J=Right Extension		
K=Top Extension		

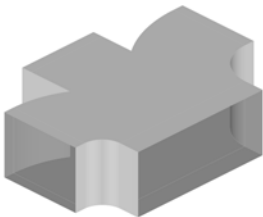
Seams
S1=None
S2=None

Damper:



Pattern: 951

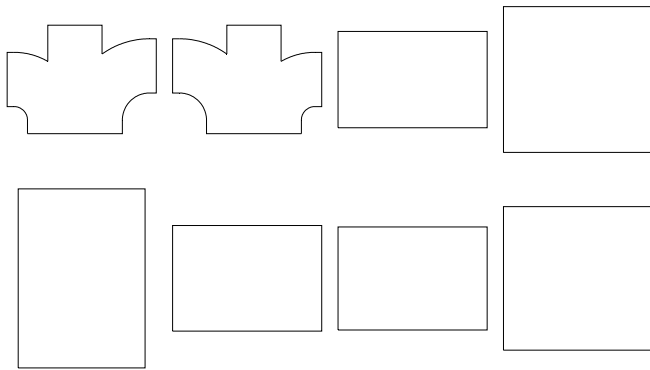
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Depth	Left Throat Type=Radius	C2=None
C=Top Width	Right Heel Type=Radius	C3=None
D=Right Width	Left Heel Type=Radius	C4=None
E=Left Width	2 Part Wrapper=No	
F=Height	Top Right=Straight	
G=Right Height	Top Left=Straight	
H=Left Height	Outlet=2	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Btm Right Extension		
N=Btm Left Extension		
O=Right Extension		
P=Left Extension		
Q=Top Extension		

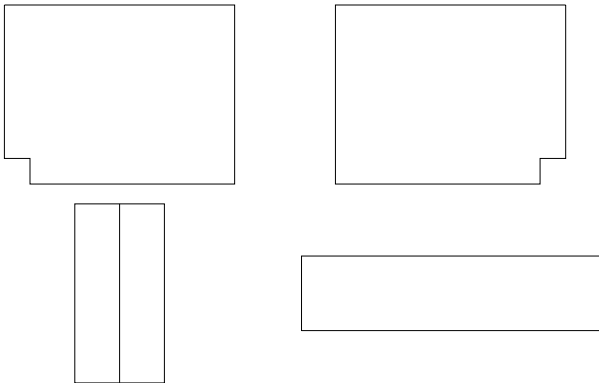
Seams
S1=None
S2=None

Damper:



Pattern: 952

Rectangular/Ductboard

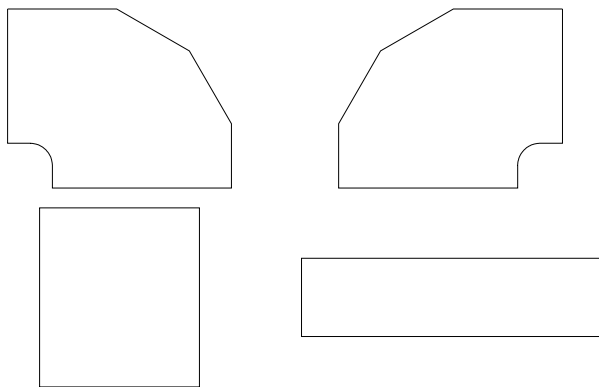
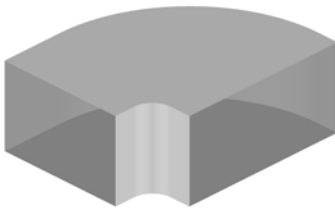


Dims	Options	Conn's
A=Top Width	Length Adjust For Part 4=0.000	C1=None
B=Depth	Length Adjust For Part 3=0.000	C2=None
C=Btm Width	Vee Depth Male=Auto	
D=Angle	Vee Depth Female=Auto	
E=Top Inner Extension	Vee Angle Male=30	
F=Bottom Extension	Vee Angle Female=30	
	3 Parts=No	
	Seam Number For Throat=	
	2 Part Wrapper=No	
	Leg Lengths=No	
	Allow Central Tie Rods=Yes	
	Riser Bend=No	
		Seams
		S1=None

Damper:

Pattern: 953

Rectangular/Ductboard



Dims	Options	Conn's
A=Top Width	Throat Type=Radius	C1=None
B=Depth	Length Adjust For Part 4=0.000	C2=None
C=Btm Width	Length Adjust For Part 3=0.000	
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	
	Riser Bend=No	
	Mark Splitter Sides=No	
	Outer Mitre=300.000	
		Seams
		S1=None

Damper:

Pattern: 954

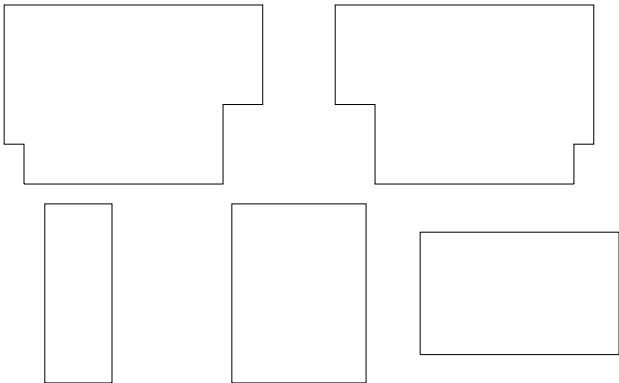
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	3 Parts=No	C1=None
B=Depth	Vee Depth Male=Auto	C2=None
C=Left Width	Vee Depth Female=Auto	C3=None
D=Right Width	Vee Notch Angle=30.000	
E=Bottom Extension	Hole Diameter=0.500	
F=Right Extension	Hole Spacing=2.000	
G=Left Extension	Splitters=No	
H=Splitter Distance	Inlet=1	
	Outlet=2	

Seams
S1=None

Damper:



Pattern: 955

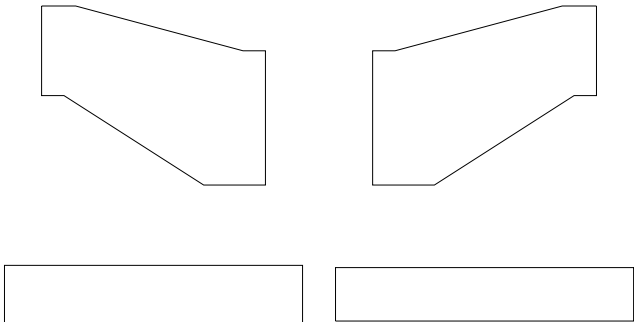
Rectangular/Ductboard



Dims	Options	Conn's
A=Left Width	Split Mitre=No	C1=None
B=Depth		C2=None
C=Right Width		
D=Length		
E=Left Extension		
F=Right Extension		
G=Offset Width		
H=Angle		
I=Left Extension		
J=Right Extension		
K=Right Width		

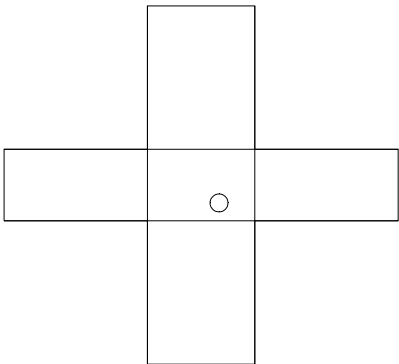
Seams
S1=None

Damper: None
None



Pattern: 956

Rectangular/Ductboard



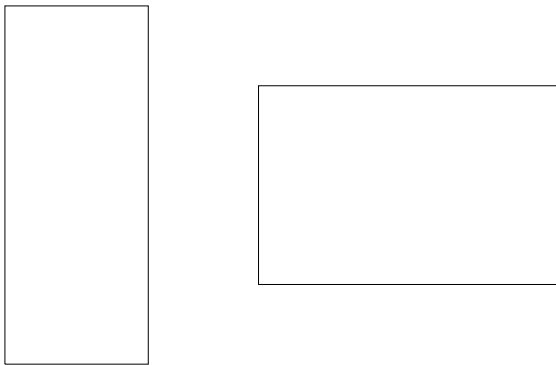
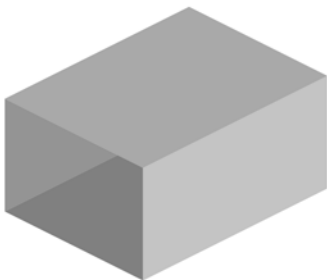
Dims		Options	Conn's
A=Width	B=Depth	Collar Allowance=0.000	C1=None
C=Length		Diameter Type=Nominal	C2=None
D=Hole Width #1		Hole Adjust=0.000	
E=Hole Depth #1		Position From=Centre	
F=Hole Radius #1		Use Vee Notch=No	
G=Hole Inset #1		Vee Notch Angle=0.000	
H=Hole Offset #1			
I=Hole Collar #1			
J=Hole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

Seams
S1=None
S2=None

Damper: None

Pattern: 957

Rectangular/Ductboard



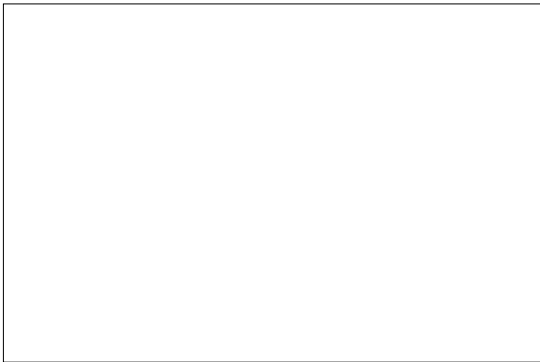
Dims		Options	Conn's
A=Width	B=Depth	Type=1 Part Straight	C1=None
C=Length			

Seams

Damper:

Pattern: 958

Rectangular/Ductboard



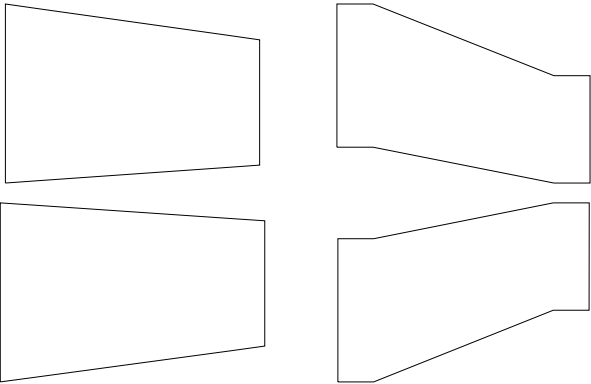
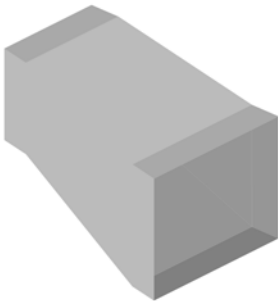
Dims		Options	Conn's
A=Width	B=Depth		C1=None

Seams

Damper:

Pattern: 959

Rectangular



Dims		Options	Conn's
A=Width In		Vee Depth Male=Auto	C1=None
B=Depth In		Vee Depth Female=Auto	C2=None
C=Width Out		Vee Notch Angle=20.000	
D=Depth Out		Taper Notch If Straight Edge (Female)=No	
E=Length		Female Allow=Shortest Slope	
F=Extension In		Offset Width=Left In	
G=Extension Out		Offset Depth=Bottom Up	
H=Offset Width		Taper Notch If Straight Edge (Male)=No	
I=Offset Depth		Input=Length	
J=Angle		Vee Notch Depth If Straight Edge (Female)...	
		Maximum Angle=180.000	
		Splitter Turnover=0.000	
		Splitter Extension=0.000	
		Splitter Adjust=0.000	
		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	

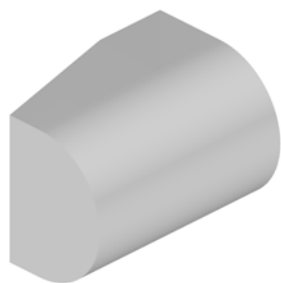
Seams

S1=None

Damper:

Pattern: 962

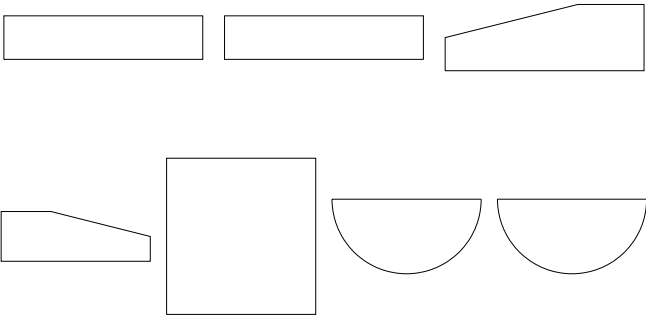
Rectangular/Round



Dims	Options	Conn's
A=Diameter	Vee Depth Male=0.000	C1=None
B=Left Height	Vee Angle Male=30.000	
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	

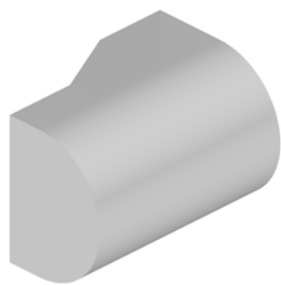
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 963

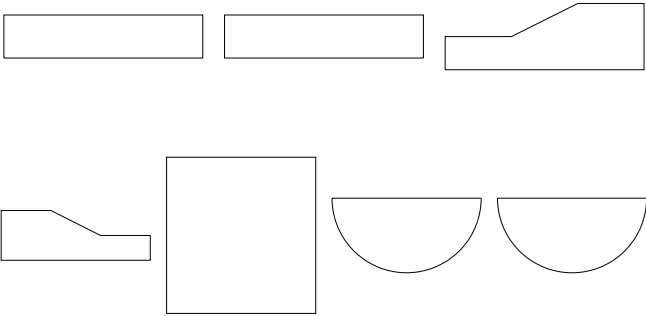
Rectangular/Round



Dims	Options	Conn's
A=Diameter	Vee Depth Male=0.000	C1=None
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	

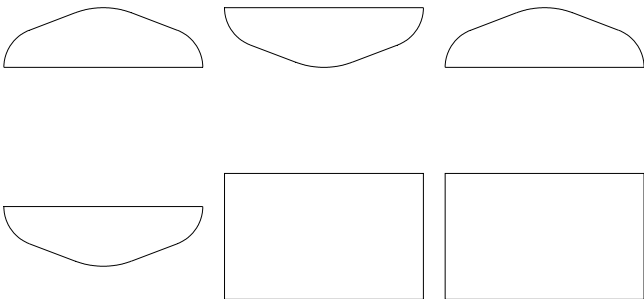
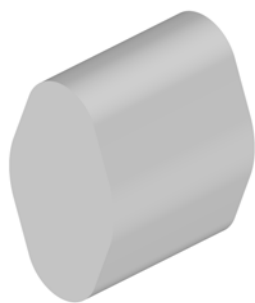
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 964

Rectangular/Round



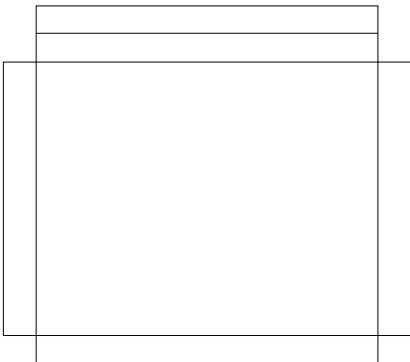
Dims	Options	Conn's
A=Width	Vee Depth Male=0.000	C1=None
B=Depth	Vee Angle Male=30.000	
C=Length	Vee Depth Female=0.000	
D=Left Radius	Vee Angle Female=30.000	
E=Top Radius	Notch Out=No	

Seams
S1=None
S2=None

Damper:

Pattern: 966

Rectangular/Standard



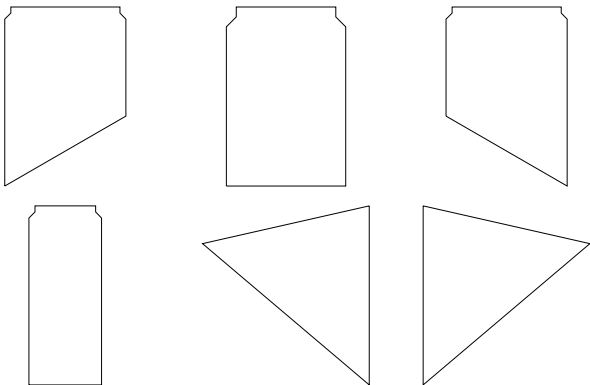
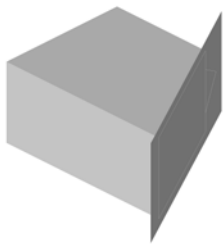
Dims	Options	Conn's
A=Width	Top Folds=2	C1=None
B=Depth	Bottom Folds=1	
C=Top Extension #1	Left Folds=1	
D=Top Fold Angle #1	Right Folds=1	
E=Top Extension #2	Attach=	
F=Top Fold Angle #2	Attacher Side=Top	
G=Bottom Extension #1	Attacher Extension=1	
H=Bottom Fold Angle #1	Mirror Left/Top=Auto	
I=Left Extension #1	Rotate Left/Top=Auto	
J=Left Fold Angle #1	Mirror Right/Bottom=Auto	
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		

Seams

Damper:

Pattern: 971

Rectangular



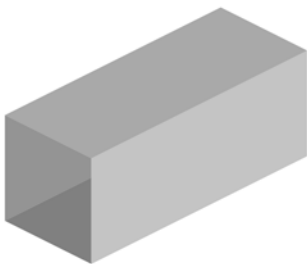
Dims		Options	Conn's
A=Width		Height=Up Slope	
B=Height		Notch=Vee Notch	
C=Depth		Input=Slope Angle	
D=Slope Angle			
E=Rise X On 12			
F=Up Slope Flange			
G=Down Slope Flange			
H=Left Flange			
I=Right Flange			
J=Cant Angle			
K=Cant Height			
L=Cant Depth			
M=Top Flange Down			
N=Top Flange In			

Seams
S1=None
S2=None

Damper:

Pattern: 972

Rectangular/Standard



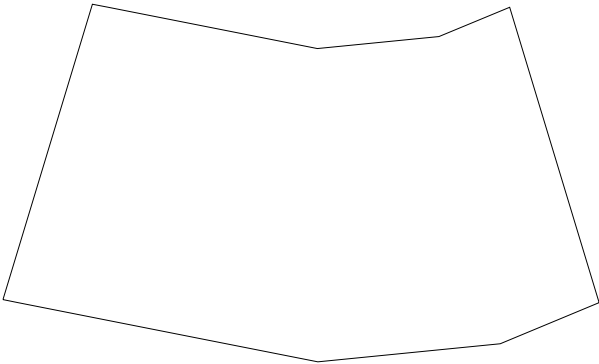
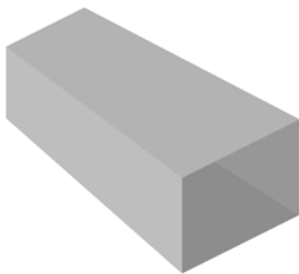
Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	C3=None
		Connector Fold Notch=Use Default	C4=None
		Vee Notch Depth=Auto	C5=None
		Vee Notch Angle=30.000	C6=None
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Beading=No	
		Vertical=No	
		Adjust=0.000	
		Right Offset=6.000	
		Left Offset=6.000	
		Insulation UI=Shortest Side	

Seams
S1=None

Damper:

Pattern: 973

Rectangular



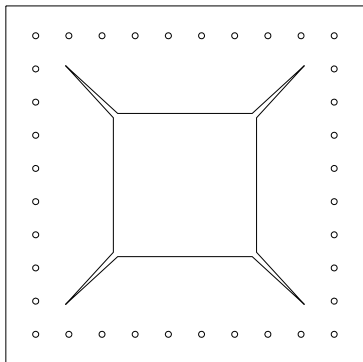
Dims	Options	Conn's
A=Width In	Type=Auto	C1=None
B=Depth In	Offset Width=Left In	C2=None
C=Width Out	Offset Depth=Bottom Up	
D=Depth Out	Vee Notch Depth=Auto	
E=Length	Vee Notch Angle=30.000	
F=Offset Width	Input=Length	
G=Offset Depth	Maximum Angle=180.000	
H=Angle	Splitters=Half	
I=Seam Inset	Splitter Turnover=0.000	
	Splitter Extension=0.000	
	Splitter Adjust=0.000	
	Splitter Hole Diameter=0.000	
	Number Of Holes=0.000	
	Hole Inset=0.000	
	Fixing Holes on Turnover=No	

Seams
S1=None

Damper:

Pattern: 981

Rectangular



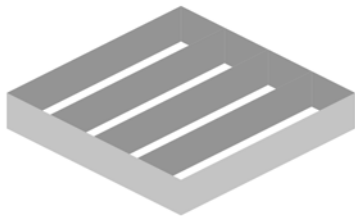
Dims	Options	Conn's
A=Width #1	Vee Notch Angle=5.000	C1=None
B=Depth #1	Specify Holes=By Number Of	C2=None
C=Width #2	Holes Across=10	
D=Depth #2	Holes Down=10	
E=Flange Length		
F=Flange Angle		
G=Hole Diameter		
H=Holes Inset		
I=Holes Offset		

Seams

Damper:

Pattern: 983

Rectangular/Equipment

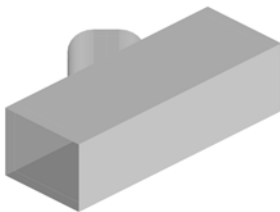


Dims	Options	Conn's
A=Width	Type=Supply	C1=None
B=Depth	Position From=Edge	C2=None
C=Height	Lines=3	
D=Plate Border (Width)	Rotation=0.000	
E=Plate Border (Depth)	Arrows/Lines=None	
	Arrows/Lines Sides=0	
	Lines/Circles Spacing=1.000	
	Arrows Direction=Auto	
	Circles=No	
	Arrows Type=1	
		Seams

Damper:

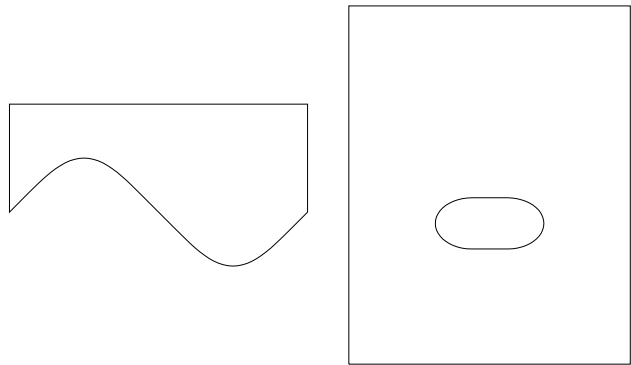
Pattern: 986

Rectangular



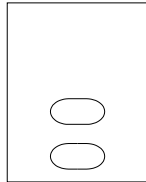
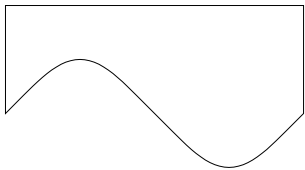
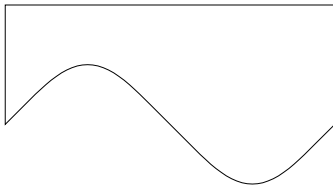
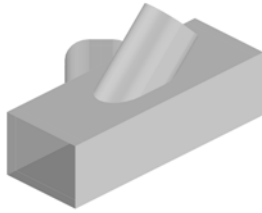
Dims	Options	Conn's
A=Width	Pipe Parts=Yes	C1=None
B=Depth	Branch Parts=Yes	C2=None
C=Length	Branch Diameter Type=Nominal	C3=None
D=Left Extension	Straight Type=1 Part Straight	
E=Right Extension	Female Allow=Shortest Side	
F=Branch Width	1xU,1xI=Shortest Side	
G=Branch Depth	Connector Fold Notch=Use Default	
H=Branch 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	
L=Extension	Vee Notch Angle=30.000	
	Branch Rotation=0	
	Branch Allowance To Pipe=0.000	
		Seams
		S1=None
		S2=None

Damper: None



Pattern: 987

Rectangular



Dims	Options	Conn's
A=Width	Pipe Parts=Yes	C1=None
B=Depth	Branch Parts=Yes	C2=None
C=Length	Branch Diameter Type=Nominal	C3=None
D=Left Extension	Straight Type=1 Part Straight	C4=None
E=Right Extension	Female Allow=Shortest Side	
F=Branch Width	1xU,1xI=Shortest Side	
G=Branch Depth	Connector Fold Notch=Use Default	
H=Branch 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	
L=Extension	Vee Notch Angle=30.000	
M=Branch Width	Branch Rotation=0	
N=Branch Depth	Branch Rotation=90	
O=Branch Length	Branch Allowance To Pipe=0.000	
P=Angle		
Q=Inset		
R=Offset		
S=Extension		

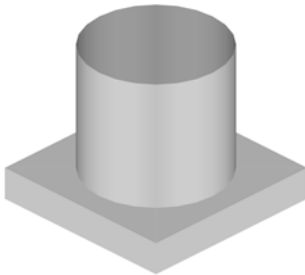
Seams

S1=None
S2=None
S3=None

Damper: None
None

Pattern: 996

Rectangular/Round/Equipment



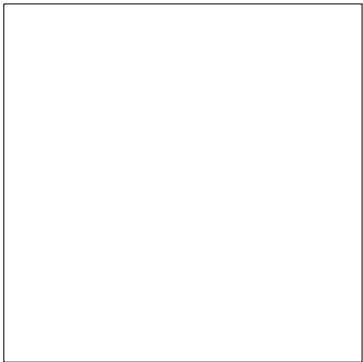
Dims	Options	Conn's
A=Width	Type=Supply	C1=None
B=Depth	Position From=Edge	C2=None
C=Height	Type=Round	C3=None
D=Diameter	Rotation=0.000	C4=None
E=Collar	Collar=No	C5=None
F=Plate Border (Width)	Arrows/Lines=None	C6=None
G=Plate Border (Depth)	Arrows/Lines Sides=0	C7=None
	Lines/Circles Spacing=1.000	C8=None
	Arrows Direction=Auto	
	Circles=No	
	Arrows Type=1	
	Diffuser Type=None	
	Cost Supports=No	

Seams

Damper:

Pattern: 1101

Rectangular/Round/Flat Oval/Standard/Equipment



Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	
	Faces=No	

Seams

Damper:

Pattern: 1105

Rectangular/Standard

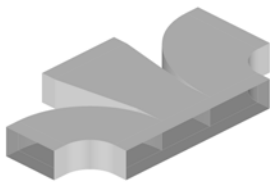
Dims	Options	Conn's
	Show Elements=All	

Seams

Damper:

Pattern: 1120

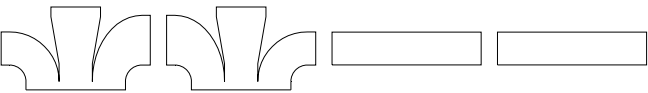
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Left Throat=Radius	C1=None
B=Depth	Right Throat=Radius	C2=None
C=Left Bottom Width		C3=None
D=Right Bottom Width		C4=None
E=Left Width		
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		

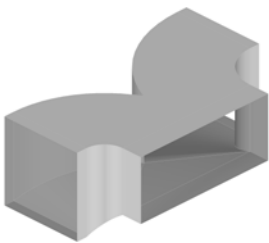
Seams
S1=None

Damper:



Pattern: 1121

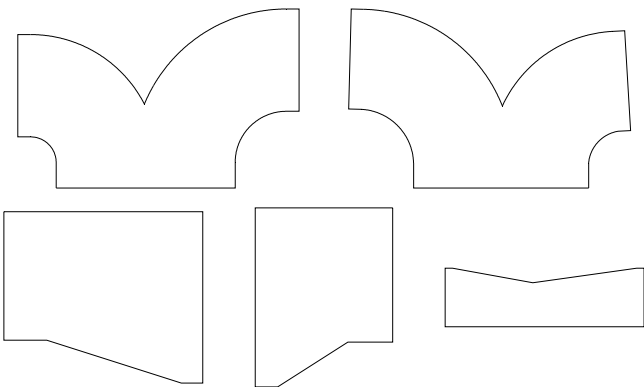
Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Right Throat Type=Radius	C1=None
B=Btm Depth	Left Throat Type=Radius	C2=None
C=Right Width	Vee Depth Male=Auto	C3=None
D=Right Depth	Vee Depth Female=Auto	
E=Left Width	Vee Angle Male=30	
F=Left Depth	Vee Angle Female=30	
G=Right Offset	Vee Notch Angle=20.000	
H=Left Offset	2 Part Wrapper=No	
I=Height	Right Folds=End Point	
J=Right Radius	Left Folds=End Point	
K=Left Radius	Inlet=1	
L=Right Angle	Outlet=2	
M=Left Angle		
N=Btm Right Extension		
O=Btm Left Extension		
P=Right Extension		
Q=Left Extension		

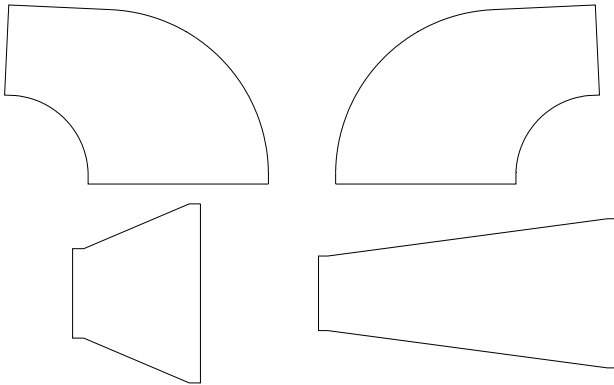
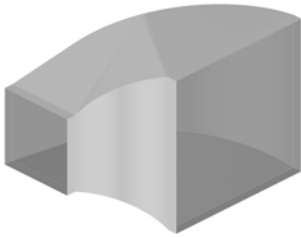
Seams
S1=None
S2=None

Damper:



Pattern: 1122

Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Throat Type=Radius	C1=None
B=Btm Depth	Vee Depth Male=Auto	C2=None
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	Splitter Slit Angle=10.000	
	Intersect Splitter Holes=No	

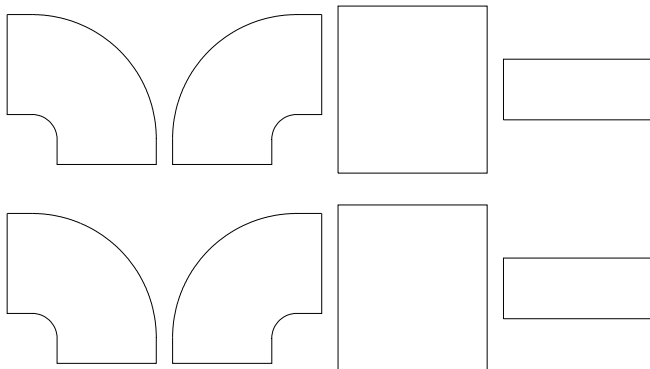
Seams

S1=None

Damper:

Pattern: 1124

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Widths=Yes	C1=None
B=Btm Depth	Left Rotation=Left	C2=None
C=Left Top Width	Right Rotation=Right	C3=None
D=Right Top Width	Left Throat Type=Radius	
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	
K=Right Inner Radius	Vee Angle Female=30	
L=Right Angle	Auto Oversize=Normal	
M=Gap Width	Seam Number For Throat=	
N=C2 Depth		
O=C3 Depth		

Seams

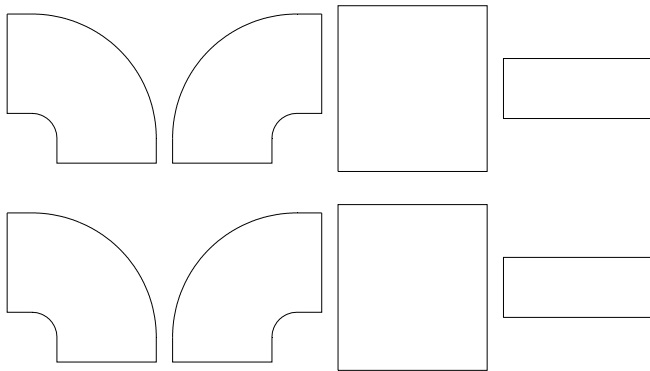
S1=None

S2=None

Damper:

Pattern: 1125

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Depths=Yes	C1=None
B=Btm Depth	Back Rotation=Left	C2=None
C=Back Top Width	Front Rotation=Right	C3=None
D=Front Top Width	Back Throat Type=Radius	
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	
K=Front Inner Radius	Vee Angle Female=30	
L=Front Angle	Auto Oversize=Normal	
M=Gap Depth	Seam Number For Throat=	
N=C2 Depth		
O=C3 Depth		

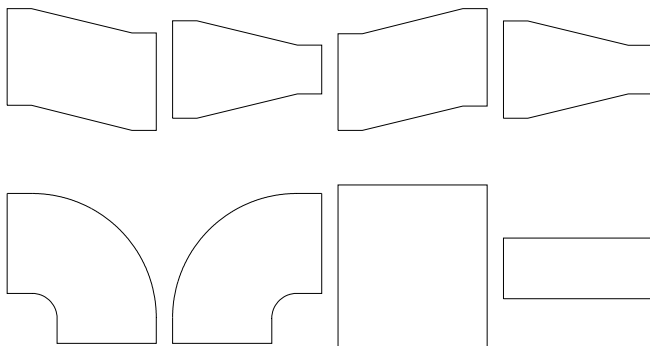
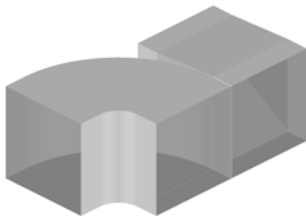
Seams

S1=None
S2=None

Damper:

Pattern: 1126

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Widths=Yes	C1=None
B=Depth	= Bend Options ===...	C2=None
C=Bend Top Width	Bend Rotation=Left	C3=None
D=Taper Width Out	Throat Type=Radius	
E=Taper Depth Out	Inner Wrap Length ...	
F=Bottom Extension	Outer Wrap Length...	
G=Bend Extension	Vee Depth Male=A...	
H=Bend Inner Radius	Vee Depth Female=...	
I=Bend Angle	Vee Angle Male=30	
J=Taper Extension Out	Vee Angle Female=...	
K=Taper Length	Auto Oversize=Nor...	
L=Taper Angle	Seam Number For ...	
M=Taper Offset Width	= Taper Options ==...	
N=Taper Offset Depth	Input=Length	
O=Gap Width	2 Parts=No	
P=C2 Depth	3 Parts=No	
Q=C3 Depth	Vee Depth Male=A...	
	Vee Depth Female=...	
	Vee Notch Angle=20	
	Female Allow=Shor...	
	2-Sided Part Allowa...	
	Offset Width=Left In	
	Offset Depth=Botto...	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Connector Fold Not...	
	Vee Notch Depth=...	

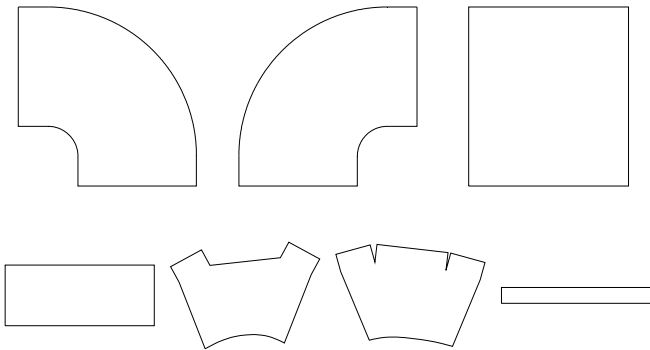
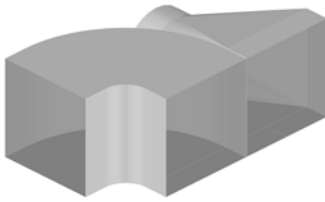
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 1127

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Widths=Yes	C1=None
B=Depth	= Bend Options === Bend Options =	C2=None
C=Bend Top Width	Bend Rotation=Left	C3=None
D=Square-To-Round Dia...	Throat Type=Radius	
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	
K=Square-To-Round Slop...	Auto Oversize=Normal	
L=Square-To-Round Offs...	Seam Number For Throat=	
M=Square-To-Round Offs...	= Square To Round Options === Square To...	
N=Gap Width	Cross Break=2	
O=C2 Depth	Length Break=1	
	Diameter Type=Nominal	
	Seam Position=Width	
	Marker Type=Notch	
	Input=Length	
	Offset Width=Left In	
	Offset Depth=Bottom Up	
	Inlet=1	
	Outlet=3	
	Fold Notch Depth=Full Allowance	
	Use Join Seam=Yes	

Seams

S1=None

S2=None

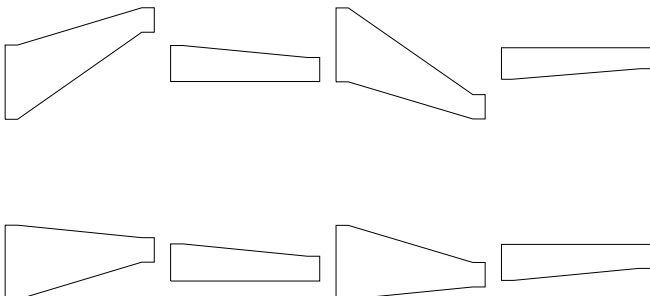
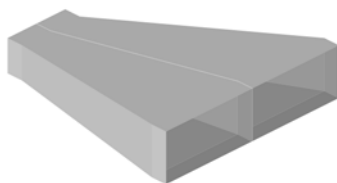
S3=None

S4=None

Damper: None

Pattern: 1128

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Widths=Yes	C1=None
B=Btm Depth	Vertical Center=No	C2=None
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 Edge (Female)...	
	Taper Notch If Straight Edge (Male)=No	
	Taper Notch If Straight Edge (Female)=No	
	Use Taper Notch For 2 Parts=Yes	
	Seam Cut Back=0.000	
	Width To Depth Ratio=Always Two Parts	

Seams

S1=None

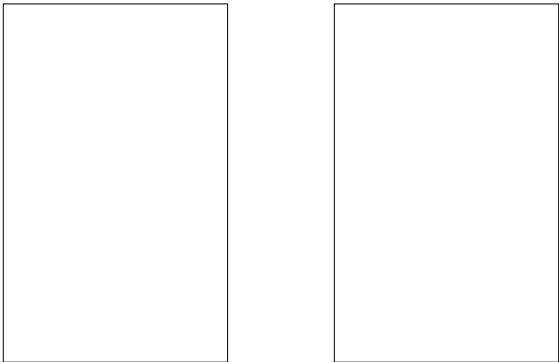
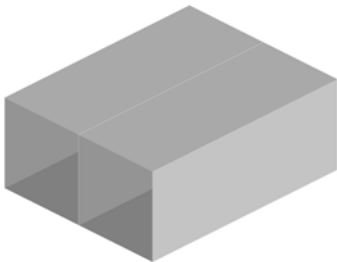
S2=None

S3=None

Damper:

Pattern: 1129

Rectangular



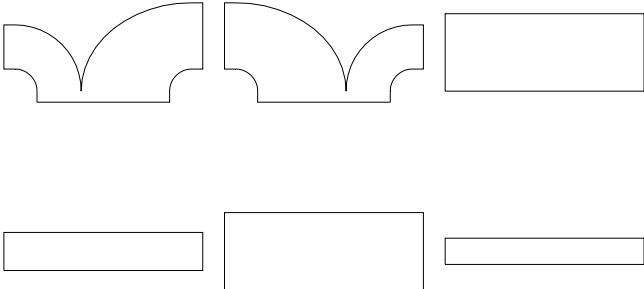
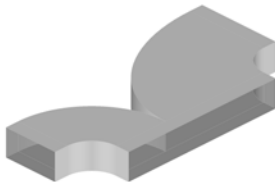
Dims	Options	Conn's
A=Width	Same Widths=Yes	C1=None
B=Depth	Connector Fold Notch=Use Default	C2=None
C=Length	Vee Notch Depth=Auto	
D=Gap Width	Vee Notch Angle=30.000	
	Connector Fold Notch=Use Default	
	Vee Notch Depth=Auto	
	Vee Notch Angle=30.000	
	Oversize Check=Yes	
	Width To Depth Ratio=Always Two Parts	

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 1130

Rectangular/Ductboard



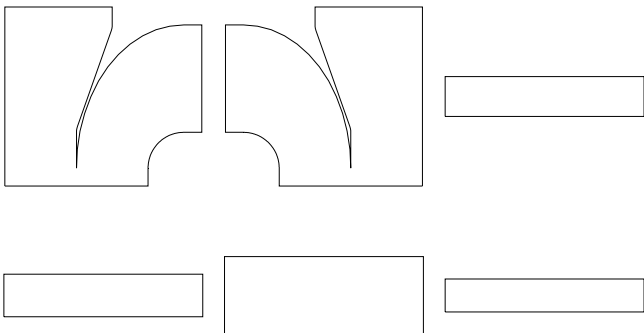
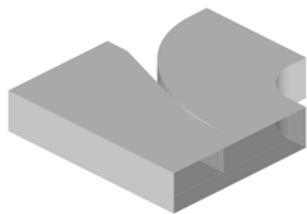
Dims	Options	Conn's
A=Btm Width	Left Throat=Radius	C1=None
B=Depth	Right Throat=Radius	C2=None
C=Left Bottom Width		C3=None
D=Left Width		C4=None
E=Right Width		
F=Bottom Extension		
G=Left Extension		
H=Right Extension		
I=Left Radius		
J=Right Radius		

Seams
S1=None

Damper:

Pattern: 1131

Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Right Throat=Radius	C1=None
B=Depth		C2=None
C=Right Bottom Width		C3=None
D=Top Width		C4=None
E=Right Width		
F=Top Length #1		
G=Top Length #2		
H=Bottom Extension		
I=Top Extension		
J=Right Extension		
K=Top Radius		
L=Right Radius		

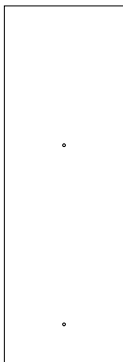
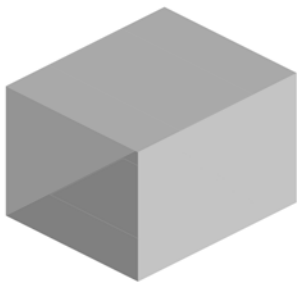
Seams

S1=None

Damper:

Pattern: 1133

Rectangular



Dims	Options	Conn's
A=Width	Straight Type=1 Part Straight	C1=None
B=Depth	Female Allow=Shortest Side	C2=None
C=Length	1xU,1xI=Shortest Side	
D=Damper Thickness	Connector Fold Notch=Use Default	
E=Damper Clearance	Vee Notch Depth=Auto	
F=Damper Center Diameter	Vee Notch Angle=30.000	
G=Damper Angle	Connector Fold Notch=Use Default	
H=Damper Inset	Vee Notch Depth=Auto	
I=Handle Width	Vee Notch Angle=30.000	
J=Handle Depth	Oversize Check=Yes	
K=Handle Length	Beading=No	
	Damper Type=Angled	
	Damper Direction=Vertical	
	Handle Type=Manual	
	Handle Side=Top	

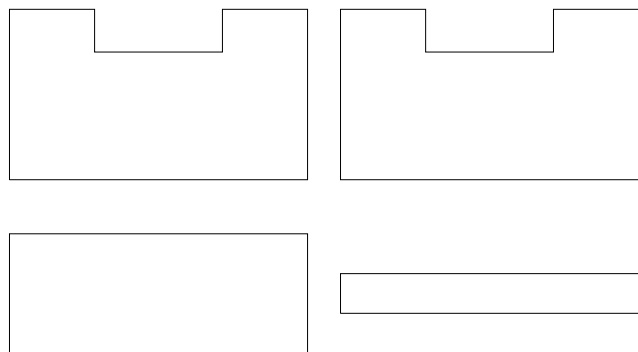
Seams

S1=None

Damper:

Pattern: 1134

Rectangular



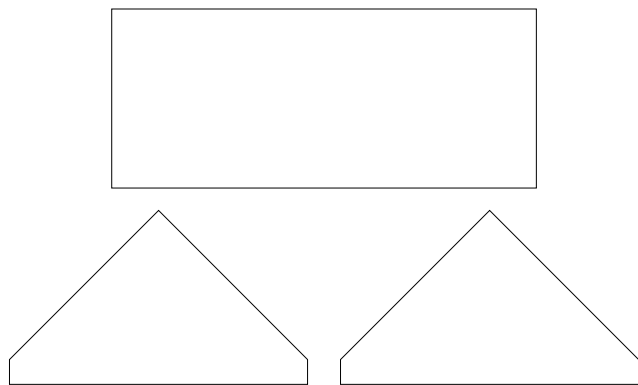
Dims	Options	Conn's
A=Left Width	Wrap Parts=1	C1=None
B=Middle Width	Inner Wrap Length Adjust=0.000	C2=None
C=Right Width	Outer Wrap Length Adjust=0.000	
D=Depth	Vee Depth Male=Auto	
E=Height	Vee Depth Female=Auto	
F=Left Height	Vee Angle Male=30	
G=Right Height	Vee Angle Female=30	
	Combine Cheeks And Wrapper=No	

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 1136

Rectangular/Ductboard



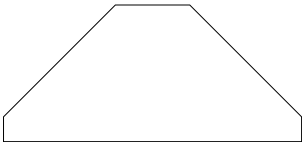
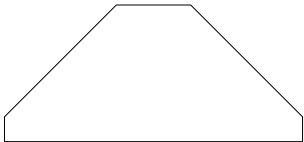
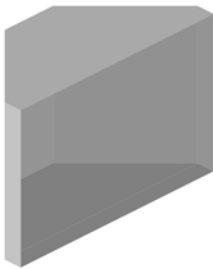
Dims	Options	Conn's
A=Width B=Depth	Input=Angle	C1=None
C=Height D=Angle		
E=Extension F=Depth		

Seams
S1=None
S2=None

Damper:

Pattern: 1138

Rectangular/Ductboard



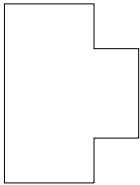
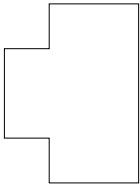
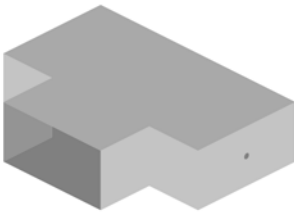
Dims	Options	Conn's
A=Btm Width	Input=Angle	C1=None
B=Depth		
C=Top Width		
D=Height		
E=Angle		
F=Extension		
G=Depth		

Seams
S1=None
S2=None

Damper:

Pattern: 1139

Rectangular



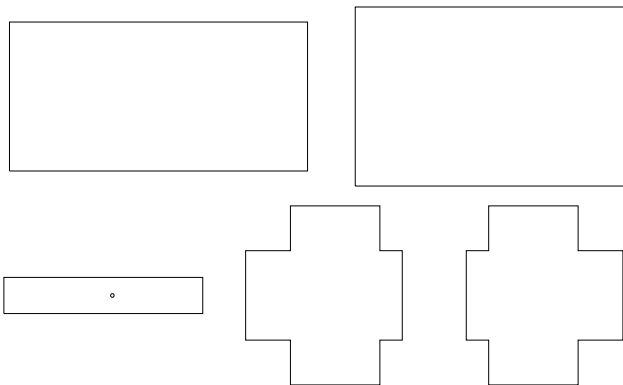
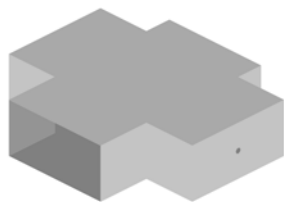
Dims	Options	Conn's
A=Top Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Left Width	Vee Angle Male=30	C3=None
D=Btm Width	Vee Angle Female=30	
E=Top Extension		
F=Left Extension		
G=Bottom Extension		
H=Hole Diameter		
I=Hole Inset		
J=Hole Offset		

Seams
S1=None
S2=None

Damper:

Pattern: 1140

Rectangular



Dims	Options	Conn's
A=Top Width	Vee Depth Male=Auto	C1=None
B=Depth	Vee Depth Female=Auto	C2=None
C=Left Width	Vee Angle Male=30	C3=None
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

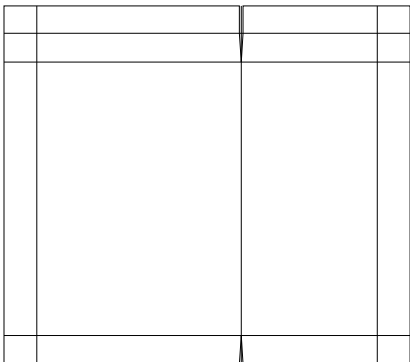
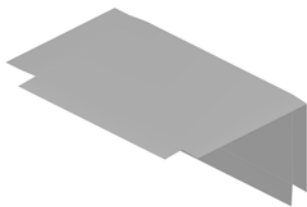
S1=None

S2=None

Damper:

Pattern: 1143

Rectangular/Standard



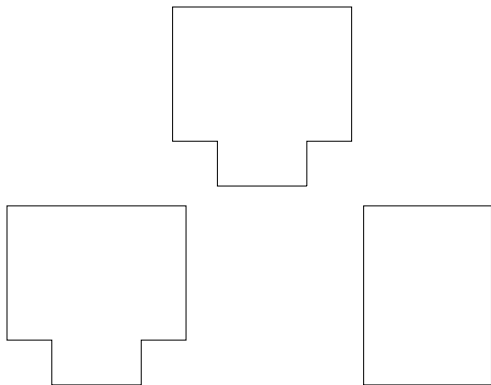
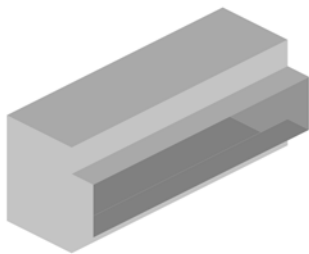
Dims	Options	Conn's
A=Left	Top Folds=2	C1=None
B=Depth	Bottom Folds=1	
C=Top Extension #1	Left Folds=1	
D=Top Fold Angle #1	Right Folds=1	
E=Top Extension #2	Attach=	
F=Top Fold Angle #2	Attacher Side=Left and Right	
G=Bottom Extension #1	Attacher Extension=Front	
H=Bottom Fold Angle #1		
I=Left Extension #1		
J=Left Fold Angle #1		
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:

Pattern: 1145

Rectangular/Ductboard



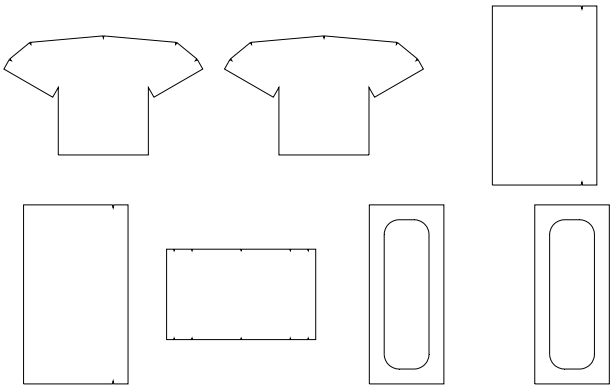
Dims	Options	Conn's
A=Top Width	3 Part Wrap=No	C1=None
B=Btm Width	Connector Allowance=4 Sides	
C=Top Height		
D=Bottom Height		
E=Length		
F=Offset		

Seams
S1=None
S2=None

Damper:

Pattern: 1146

Rectangular



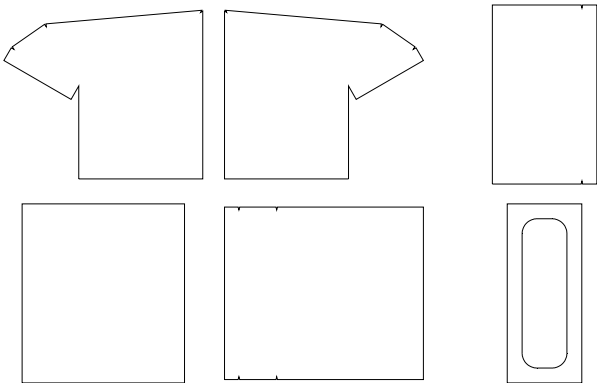
Dims	Options	Conn's
A=Width In	Frame=Yes	C1=None
B=Depth	Vee Depth Male=0.400	C2=None
C=Width Out	Vee Angle Male=30.000	C3=None
D=Angle Out	Vee Depth Female=0.400	
E=Length #1	Vee Angle Female=30.000	
F=Length #2	Seam Angle=45.000	
G=Slope Angle		
H=Bottom Extension		
I=Extension Out		
J=Frame Width		
K=Frame Depth		
L=Frame Radius		
M=Frame Mitre		

Seams
S1=None

Damper:

Pattern: 1147

Rectangular



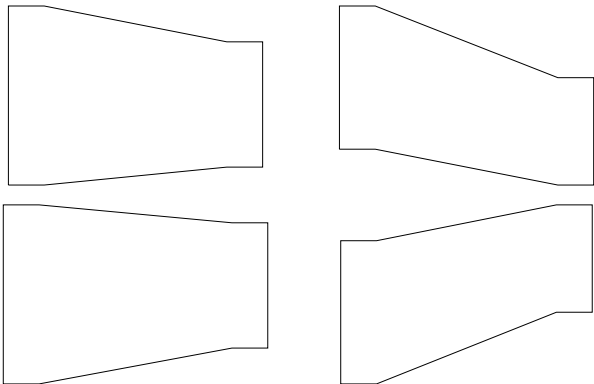
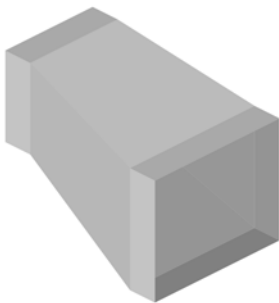
Dims	Options	Conn's
A=Width In	Frame=Yes	C1=None
B=Depth	Vee Depth Male=0.400	C2=None
C=Width Out	Vee Angle Male=30.000	C3=None
D=Angle Out	Vee Depth Female=0.400	
E=Length #1	Vee Angle Female=30.000	
F=Length #2	Seam Angle=45.000	
G=Slope Angle		
H=Bottom Extension		
I=Extension Out		
J=Frame Width		
K=Frame Depth		
L=Frame Radius		
M=Frame Mitre		

Seams
S1=None

Damper:

Pattern: 1148

Rectangular



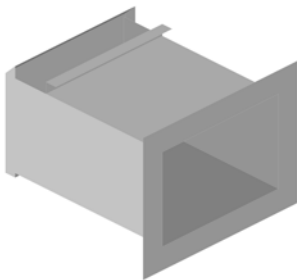
Dims	Options	Conn's
A=Width In	2 Parts=No	Fixing Holes on Tur... C1=None
B=Depth In	3 Parts=No	Seam Cut Back=0.0... C2=None
C=Width Out	Vee Depth Male=A...	
D=Depth Out	Vee Depth Female=...	
E=Length	Vee Notch Angle=2...	
F=Extension In	Taper Notch If Strai...	
G=Extension Out	Female Allow=Shor...	
H=Offset Width	2-Sided Part Allowa...	
I=Offset Depth	Offset Width=Left In	
J=Angle	Offset Depth=Botto...	
K=Extension In	Taper Notch If Strai...	
L=Extension Out	Use Taper Notch F...	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Input=Length	
	Vee Notch Depth If...	
	Maximum Angle=1...	
	Splitter Turnover=0...	
	Splitter Extension=...	
	Splitter Adjust=0.000	
	Connector Fold Not...	
	Vee Notch Depth=...	
	Vee Notch Angle=3...	
	Splitter Hole Diamo...	
	Number Of Holes=...	
	Splitters=Half	
	Hole Inset=0.000	

Seams
S1=None

Damper:

Pattern: 1149

Rectangular



Dims	Options	Conn's
A=Width	Vee Depth Male=0.400	C1=None
B=Depth	Vee Angle Male=30.000	C2=None
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	
G=Edge Front		
H=Edge Down		
I=Lid Width		
J=Lid Top Depth		
K=Lid Bottom Depth		
L=Lid Height		

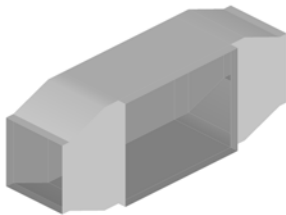
Seams

S1=None

Damper:

Pattern: 1153

Rectangular/Ductboard



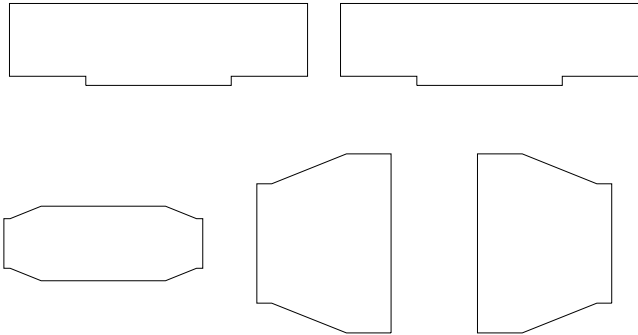
Dims	Options	Conn's
A=Btm Width	2 Part Wrapper=No	C1=None
B=Btm Depth		C2=None
C=Left Width Out		C3=None
D=Left Depth		
E=Right Width Out		
F=Right Depth		
G=Left Height		
H=Right Height		
I=Left Straight		
J=Right Straight		
K=Left Length		
L=Right Length		
M=Btm Left Extension		
N=Btm Right Extension		
O=Left Extension		
P=Right Extension		
Q=Left Offset Width		
R=Left Offset Depth		
S=Right Offset Width		
T=Right Offset Depth		

Seams

S1=None

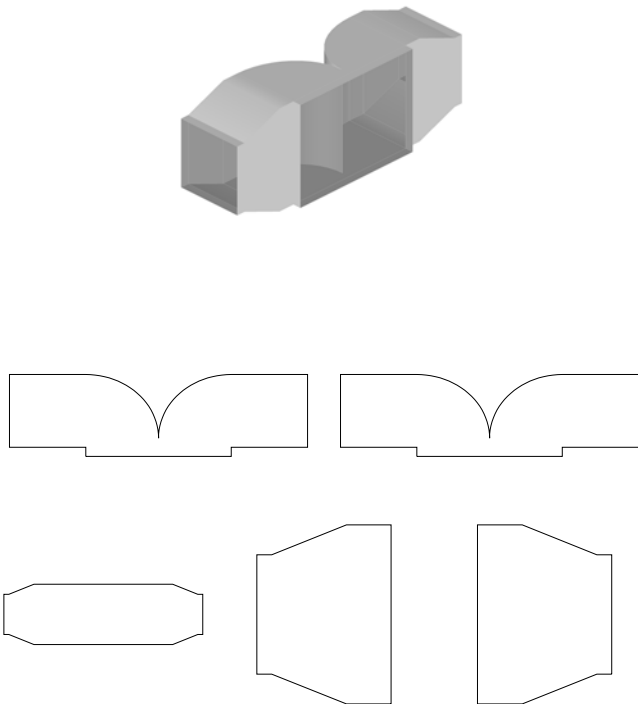
S2=None

Damper:



Pattern: 1154

Rectangular/Ductboard



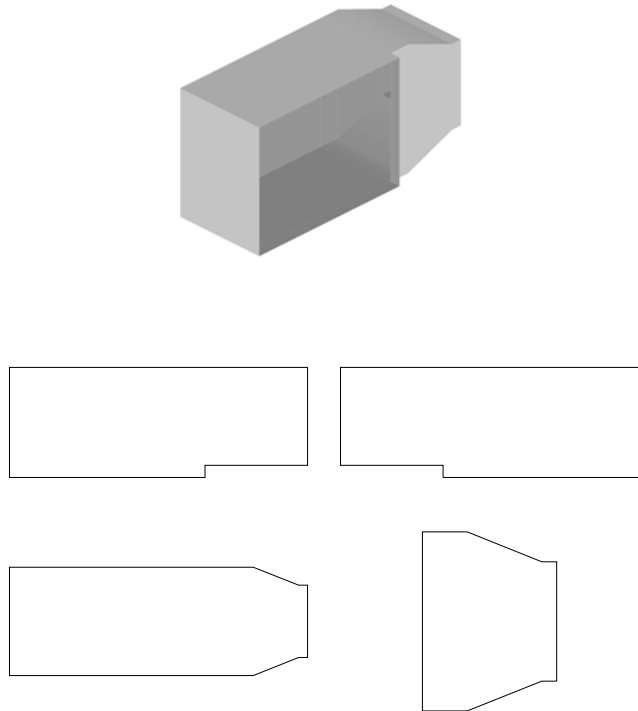
Dims	Options	Conn's
A=Btm Width	2 Part Wrapper=No	C1=None
B=Btm Depth		C2=None
C=Left Width In		C3=None
D=Left Width Out		
E=Left Depth		
F=Right Width In		
G=Right Width Out		
H=Right Depth		
I=Left Height		
J=Mid Height		
K=Right Height		
L=Left Straight		
M=Right Straight		
N=Left Length		
O=Right 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 Angle		

Seams
S1=None
S2=None

Damper:

Pattern: 1155

Rectangular/Ductboard



Dims	Options	Conn's
A=Btm Width	Heel=Square	C1=None
B=Btm Depth	2 Part Wrapper=No	C2=None
C=Right Width Out		C3=None
D=Right Depth		
E=Right Height		
F=Right Straight		
G=Right Length		
H=Btm Left Extension		
I=Btm Right Extension		
J=Right Extension		
K=Right Offset Width		
L=Right Offset Depth		

Seams
S1=None
S2=None

Damper:

Pattern: 1159

Rectangular



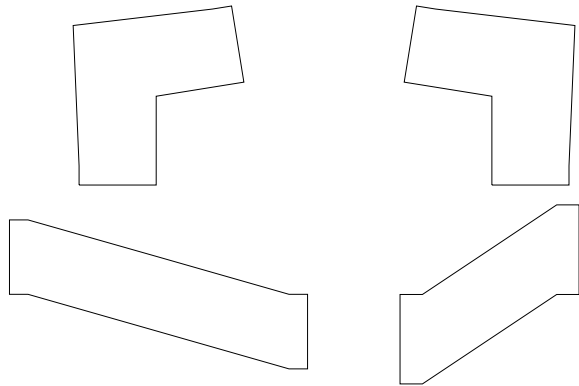
Dims		Options	Conn's
A=Width	B=Height	Lines Input=Spacing	C1=None
C=X Spacing	D=Y Spacing	X Visible (0.0 to 1.0)=0.250	
		Y Visible (0.0 to 1.0)=0.250	
		Internal Lines=No	

Seams

Damper:

Pattern: 1166

Rectangular



Dims		Options	Conn's
A=Btm Width		Type=Normal	C1=None
B=Btm Depth		Angled Ends=No	C2=None
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		Rotation=None	
I=Bottom Offset		Direction=C1 In C2 Out	
J=Right Offset			

Seams
S1=None

Damper:

Pattern: 1167

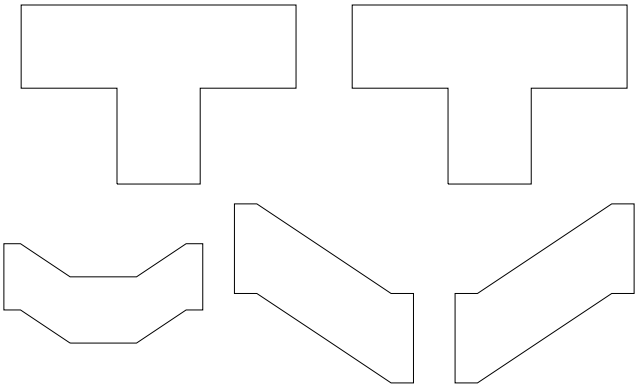
Rectangular



Dims	Options	Conn's
A=Btm Width	Type=Normal	C1=None
B=Btm Depth	Sides Same=Yes	C2=None
C=Left Width	Angled Ends=No	C3=None
D=Left Depth	Wrap Parts=1	
E=Right Width	Vee Depth Male=Auto	
F=Right Depth	Vee Depth Female=Auto	
G=Bottom Length	Vee Angle Male=30	
H=Right Length	Vee Angle Female=30	
I=Bottom Extension	Cheeks 2 Parts=No	
J=Right Extension		
K=Bottom Offset		
L=Right Offset		
M=Right Mid Angle		

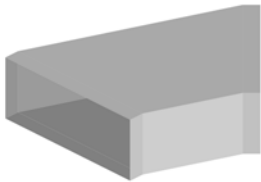
Seams
S1=None

Damper:



Pattern: 1171

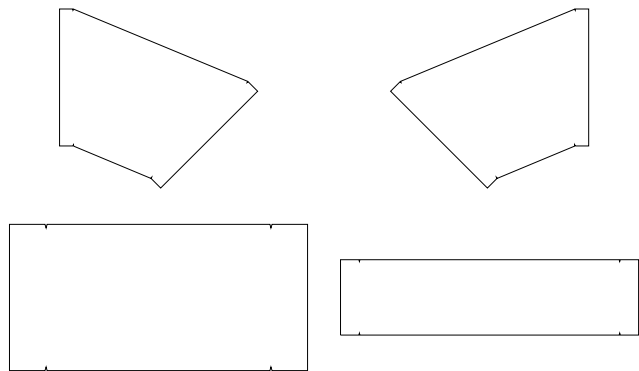
Rectangular



Dims	Options	Conn's
A=Left Width	Input=Angle And Inner & Right Lengths	C1=None
B=Depth	Type=Straight	C2=None
C=Right Width	Vee Depth Male=0.400	
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		

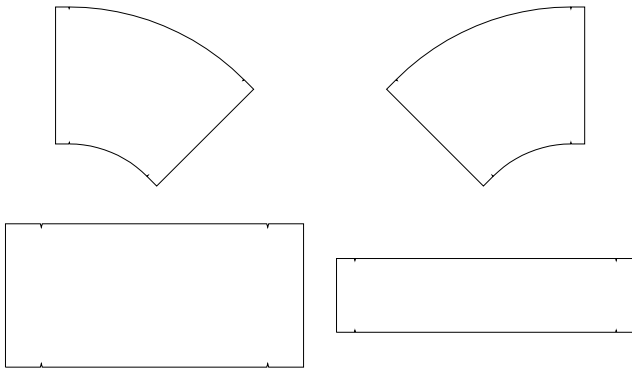
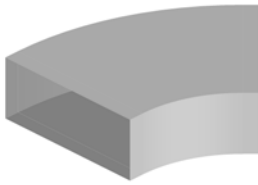
Seams
S1=None

Damper:



Pattern: 1172

Rectangular



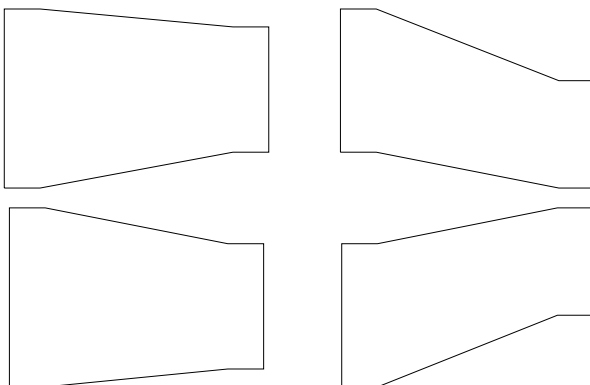
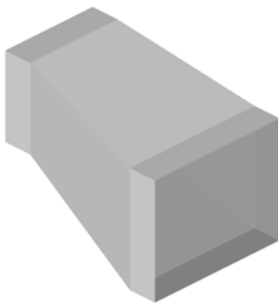
Dims	Options	Conn's
A=Left Width	Input=Angle And Inner & Right Lengths	C1=None
B=Depth	Type=Radius	C2=None
C=Right Width	Vee Depth Male=0.400	
D=Inner Length	Vee Angle Male=30.000	
E=Outer Length	Vee Depth Female=0.400	
F=Left Length	Vee Angle Female=30.000	
G=Right Length		
H=Left Extension		
I=Right Extension		
J=Total Angle		

Seams
S1=None

Damper:

Pattern: 1178

Rectangular/Ductboard



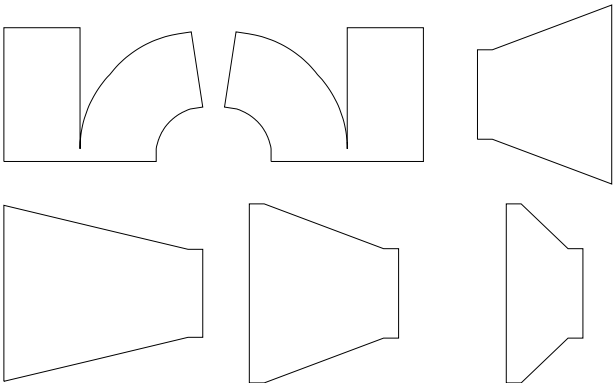
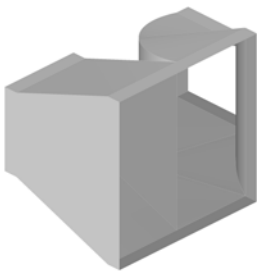
Dims	Options	Conn's
A=Width In	2 Parts=No	C1=None
B=Depth In	3 Parts=No	C2=None
C=Width Out	Vee Depth Male=Auto	
D=Depth Out	Vee Depth Female=Auto	
E=Length	Vee Notch Angle=20.000	
F=Extension In	Taper Notch If Straight Edge (Female)=No	
G=Extension Out	Female Allow=Shortest Slope	
H=Offset Width	2-Sided Part Allowance=Auto	
I=Offset Depth	Offset Width=Left In	
J=Angle	Offset Depth=Bottom Up	
K=Extension In	Taper Notch If Straight Edge (Male)=No	
L=Extension Out	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 Edge (Female)...	
	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	

Seams
S1=None

Damper:

Pattern: 1179

Rectangular



Dims	Options	Conn's
A=Btm Width	Same Widths=Yes	C1=None
B=Btm Depth	Right Throat=Radius	C2=None
C=Btm Left Width	Vee Depth Male=Auto	C3=None
D=Btm Right Width	Vee Depth Female=Auto	
E=Right Width	Vee Angle Male=30	
F=Right Depth	Vee Angle Female=30	
G=Top Width	Seam Top Arcs=No	
H=Top Depth	Cheeks Seam=Male	
I=Top Length #1	Junction Seam Cutback (Up)=0.000	
J=Top Length #2		
K=Bottom Extension		
L=Right Extension		
M=Top Extension		
N=Right Offset		
O=Top Offset		
P=Right Radius		
Q=Top Radius		

Seams

S1=None

S2=None

Damper:

Pattern: 1180

Rectangular



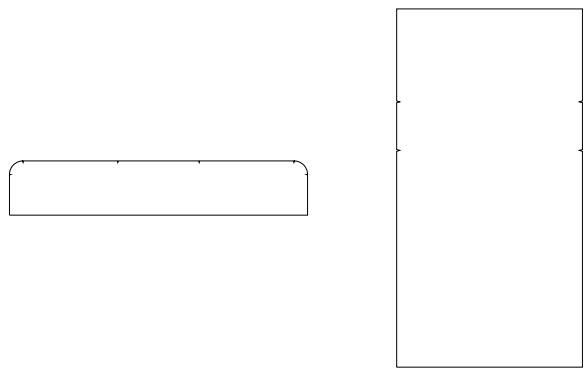
Dims	Options	Conn's
A=Width	Input=Number Of Lines	C1=None
B=Height	Lines=10.000	
C=Inner Radius		
D=Angle		
E=Flange		

Seams

Damper:

Pattern: 1183

Rectangular



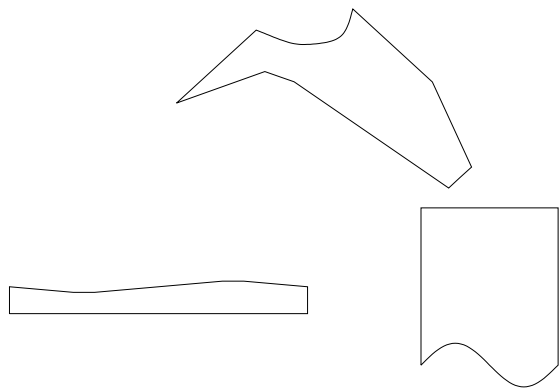
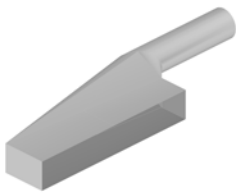
Dims		Options	Conn's
A=Width	B=Depth	Develop Parts=2	C1=None
C=Height	D=Radius	Vee Depth Male=0.400	
		Vee Depth Female=0.400	
		Vee Angle Male=30	
		Vee Angle Female=30	

Seams
S1=None
S2=None

Damper:

Pattern: 1190

Rectangular/Round



Dims		Options	Conn's
A=Width	B=Depth	Diameter Type=Nominal	C1=None
C=Diameter	D=Btm Left Ext	Round Parts=1	C2=None
E=Btm Right Ext	F=Top Upper Extension	Rect Parts=1	
G=Top Lower Extension	H=Inner Length #1	Body Cross Break=1	
I=Inner Length #2	J=Offset Depth	Body Length Break=1	
K=Angle		Seam Position=Width	
		Marker Type=Notch	
		Inlet=1	
		Outlet=2	

Seams
S1=None
S2=None

Damper:

Pattern: 1191

Rectangular/Standard/Equipment



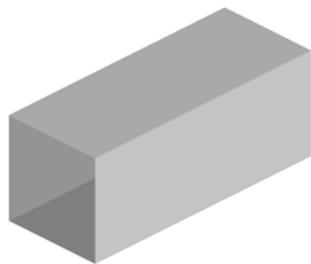
Dims	Options	Conn's
A=Height	Symmetrical=Yes	C1=None
B=Length		C2=None
C=Thickness		
D=Left Width		
E=Left Height		
F=Width		

Seams

Damper:

Pattern: 1193

Rectangular/Ductboard

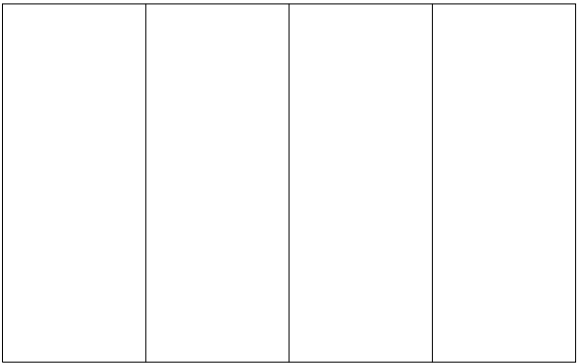


Dims	Options	Conn's
A=Length		C1=None
B=Width #1		C2=None
C=Depth #1		
D=Width #2		
E=Depth #2		
F=Width #3		
G=Depth #3		
H=Width #4		
I=Depth #4		
J=Width #5		
K=Depth #5		

Seams

S1=None

Damper:



Pattern: 1194

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Detail=Low	C1=None
B=Height		C2=None
C=Length		
D=Mid Width		
E=Mid Inset		
F=Mid Offset		
G=End Width		
H=End Height		
I=Thickness		
J=Radius		
K=Curve (0.0-1.0)		

Seams

Damper:

Pattern: 1196

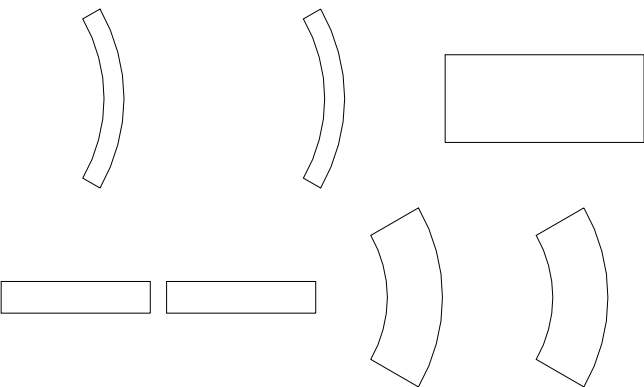
Rectangular



Dims	Options	Conn's
A=Top Width	Type=A	C1=None
B=Top Height	Draw Connectors=Yes	C2=None
C=Bottom Width	Notch Corners=Yes	C3=None
D=Bottom Height	Develop Ends=No	
E=Radius		
F=Angle		

Seams
S1=None
S2=None

Damper:



Pattern: 1238

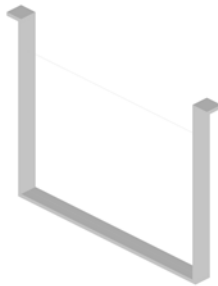
Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Pipework=No	C2=None
C=Bearer Extn	Drop Rod Diameter=0.400	C3=None
D=Left Angle	Bearer Width=2.000	
E=Right Angle	Bearer Thickness=0.400	
F=Right Rod Extn Above	Oversized Item=No	
G=Left Rod Extn Above	Area of Influence=0.000	
H=Rod Extn Below	A of I: Filled Circle=No	
I=Length A	A of I: Circle Thickness=0.100	
J=Length B	Export=All	
K=Supported Width	Export Rod Size=Yes	Seams
L=Supported Depth	Front Seismic Rod=No	
M=Right Rod Offset	Back Seismic Rod=No	
N=Left Rod Offset	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Front Seismic Rod=No	
	Back Seismic Rod=No	Damper:
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Pattern: 1241

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Bearer Width=2.000	C2=None
C=Top Length	Bearer Thickness=0.400	C3=None
D=Bearer Extn	Area of Influence=0.000	
E=Length A	A of I: Filled Circle=No	
F=Length B	A of I: Circle Thickness=0.100	
G=Supported Width	Export=All	
H=Supported Depth	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	Seams

Damper:

Pattern: 1248

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Number Of Round Sections=Auto	C2=None
C=Bearer Extn	Drop Rod Diameter=0.400	C3=None
D=Right Rod Extn Above	Bearer Thickness=0.000	
E=Left Rod Extn Above	Hex End=Yes	
F=Rod Extn Below	Roller Rod Diameter=0.600	
G=Length A	Area of Influence=0.000	
H=Length B	A of I: Filled Circle=No	
I=Supported Width	A of I: Circle Thickness=0.100	
J=Supported Depth	Export=All	
	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Seams

Damper:

Pattern: 1250

Rectangular/Standard/Equipment



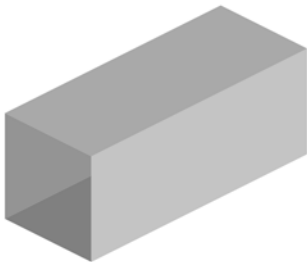
Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Bearer Width=2.000	C2=None
C=Top Length	Bearer Thickness=0.400	C3=None
D=Bearer Extn	Area of Influence=0.000	
E=Bottom Extension	A of I: Filled Circle=No	
F=Length A	A of I: Circle Thickness=0.100	
G=Length B	Straps=Both	
H=Supported Width	Export=All	
I=Supported Depth	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Seams

Damper:

Pattern: 1972

Rectangular/Standard



Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	C3=None
		Connector Fold Notch=Use Default	C4=None
		Vee Notch Depth=Auto	C5=None
		Vee Notch Angle=30.000	C6=None
		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 UI=Shortest Side	

Seams
S1=None

Damper:

Pattern: 4522

Rectangular/Equipment



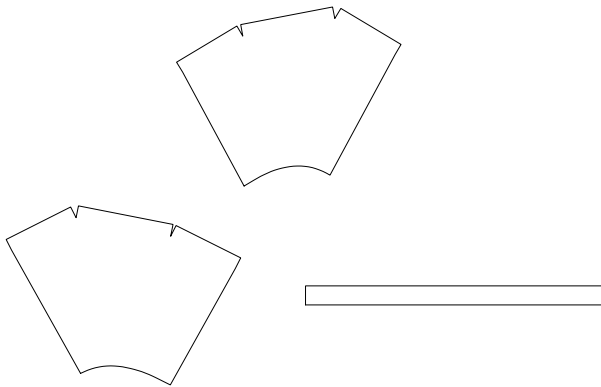
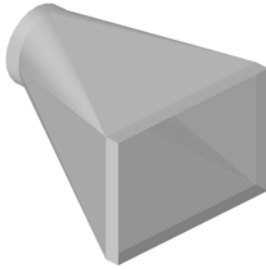
Dims		Options	Conn's
A=Width		Sex Type=Male	C1=None
B=Depth		Type=Auto	C2=None
C=Length		Open Top/Sides=No	
D=Extension		Pattern=None	
E=Right Extension			
F=Wire X Spacing			
G=Wire Y Spacing			

Seams

Damper:

Pattern: 8

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	Fold Notch Depth=Full Allowance	
	Hide Internal Lines=No	
	Show Center Line=No	
	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

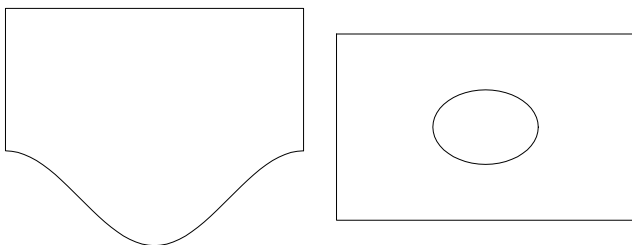
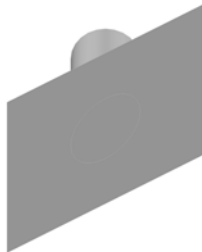
Seams

S1=None

Damper: None

Pattern: 16

Round/Fabrication



Dims	Options	Conn's
A=Branch Diameter	Branch Parts=1	C1=None
B=Length	Plate Parts=1	C2=None
C=Angle	Seam Position=0.000	
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

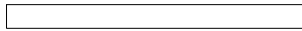
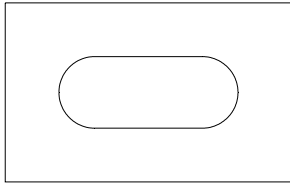
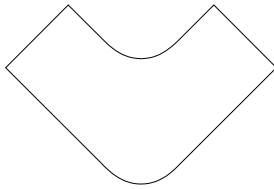
S1=None

S2=None

Damper: None

Pattern: 24

Round



Dims	Options	Conn's
A=Branch Diameter	Branch Parts=1	C1=None
B=Length	Plate Parts=1	C2=None
C=Angle	Seam Position=0.000	
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	
	Dynamic Hole Adjust=Auto	

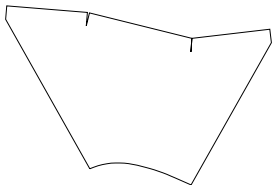
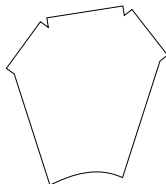
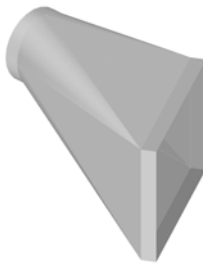
Seams

S1=None
S2=None

Damper: None

Pattern: 28

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Rectangular Angle	Marker Type=Notch	
F=Offset Width	Offset Width=Left In	
G=Offset Depth	Offset Depth=Bottom Up	
H=Extension	Inlet=1	
I=Collar	Outlet=2	
J=Round Angle	Fold Notch Depth=Full Allowance	
K=Corner Radius	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

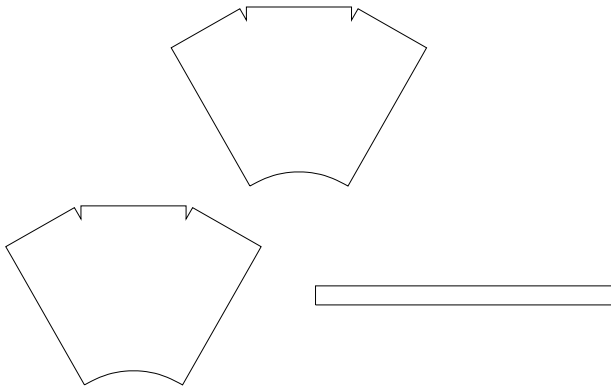
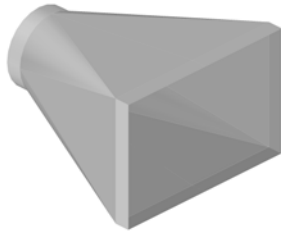
Seams

S1=None

Damper: None

Pattern: 29

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Extension	Marker Type=Notch	
F=Collar	Input=Length	
G=Corner Radius	Offset Width=Left In	
H=Slope Angle	Offset Depth=Bottom Up	
	Inlet=1	
	Outlet=2	
	Maximum Angle=180.000	
	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	

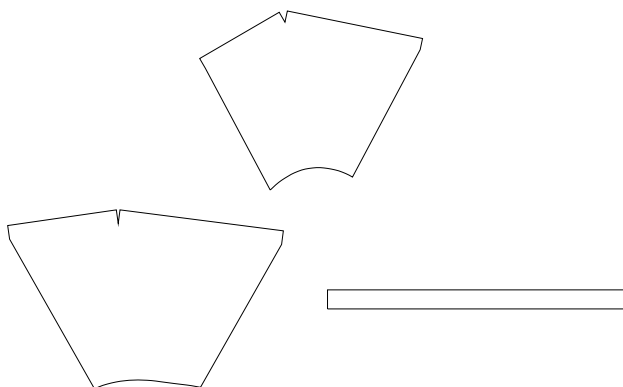
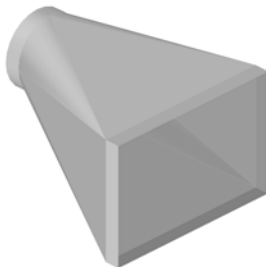
Seams

S1=None

Damper: None

Pattern: 34

Rectangular/Round/Fabrication



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Corner	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	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	

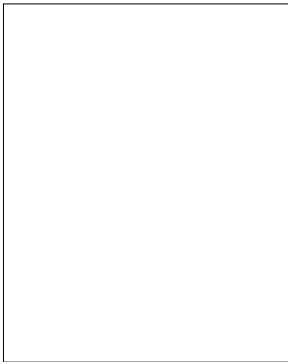
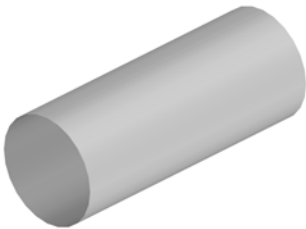
Seams

S1=None

Damper: None

Pattern: 40

Round



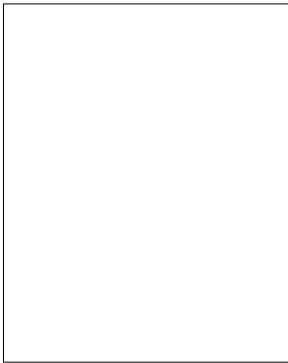
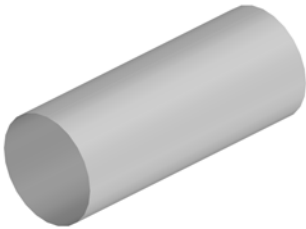
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Duct Length=(inch)	
D=Right Extension	Area Adjust (%)=0.000	
	Allow Multiple Straights=Yes	
	STD Straight=No	
	Pipe Parts=1	
	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 41

Round/Fabrication



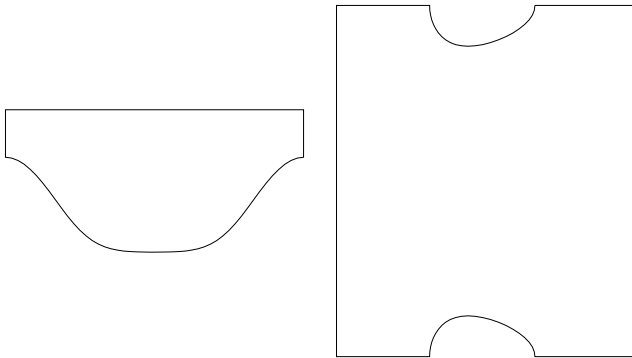
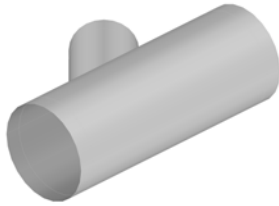
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	
D=Right Extension	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 42

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
	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	

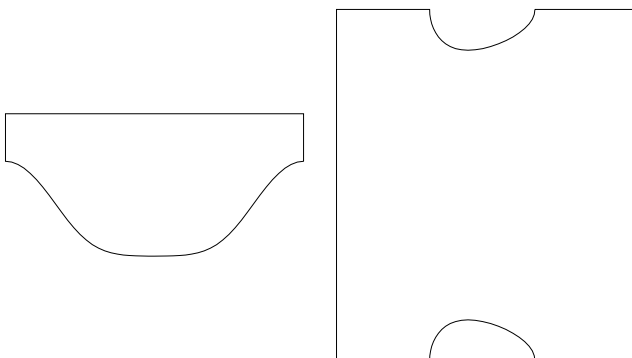
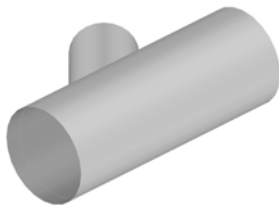
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 43

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
	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	

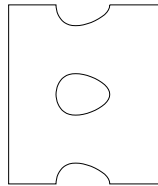
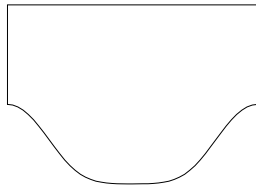
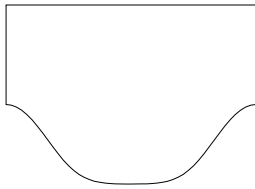
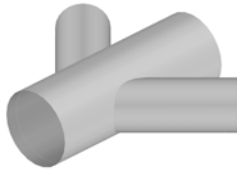
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 44

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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=Branch Diameter #2	Branch Allowance To Pipe=0.000	
K=Branch 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	
	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	

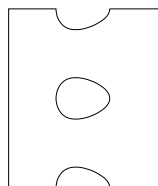
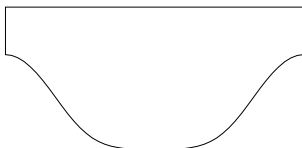
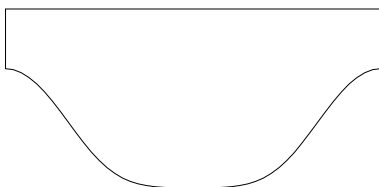
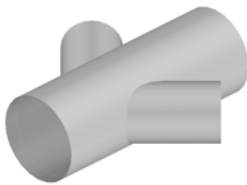
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 45

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
K=Branch Diameter #2	Branch Seam Position=0.000	
L=Branch Length #2	Throat Cut Back (Degrees)=0.000	
M=Angle #2	Plate Border (Circumference)=0.000	
N=Inset #2	Plate Type=Rectangular	
O=Offset #2	Cut Back Allowance (%)=0.000	
P=Extension #2	Use Pipe Seam For Branches=No	
	Plate Border (Length)=Auto	
	End Castle Width =0.000	
	End Castle Angle=30.000	

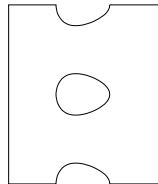
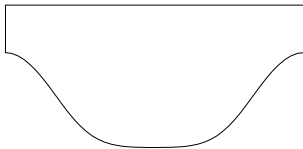
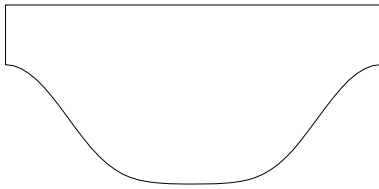
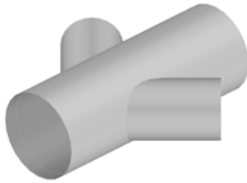
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 46

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
K=Branch Diameter #2	Branch Seam Position=0.000	
L=Branch Length #2	Throat Cut Back (Degrees)=0.000	
M=Angle #2	Plate Border (Circumference)=0.000	
N=Inset #2	Plate Type=Rectangular	
O=Offset #2	Cut Back Allowance (%)=0.000	
P=Rotation #2	Use Pipe Seam For Branches=No	
Q=Extension #2	Plate Border (Length)=Auto	
	End Castle Width =0.000	
	End Castle Angle=30.000	

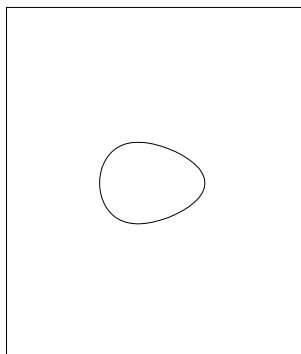
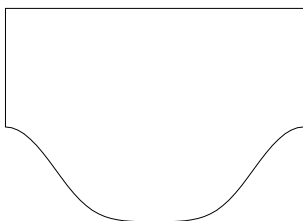
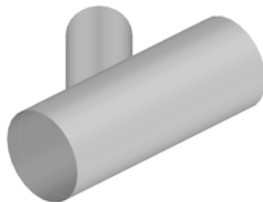
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 47

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
	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	

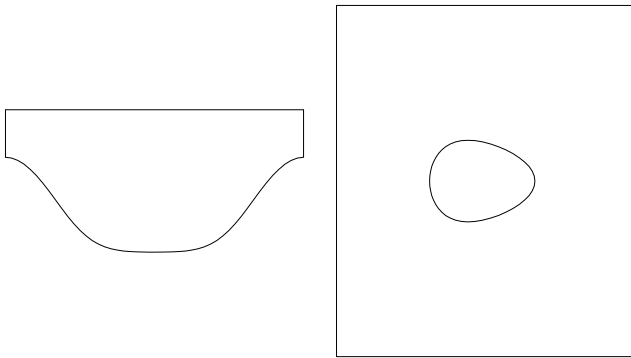
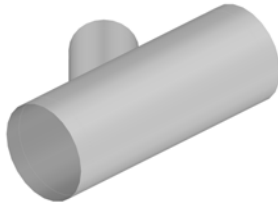
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 48

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
	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	

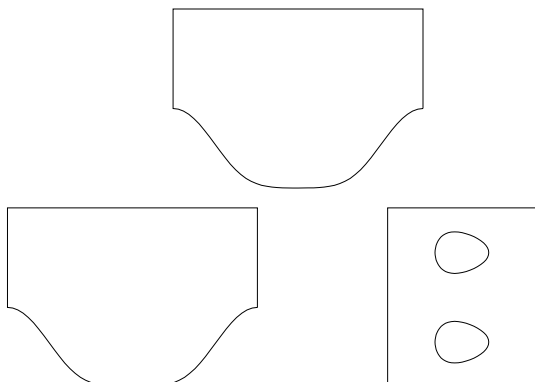
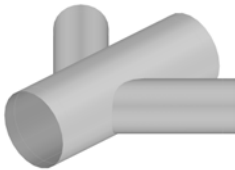
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 49

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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=Branch Diameter #2	Branch Allowance To Pipe=0.000	
K=Branch 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	
	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	

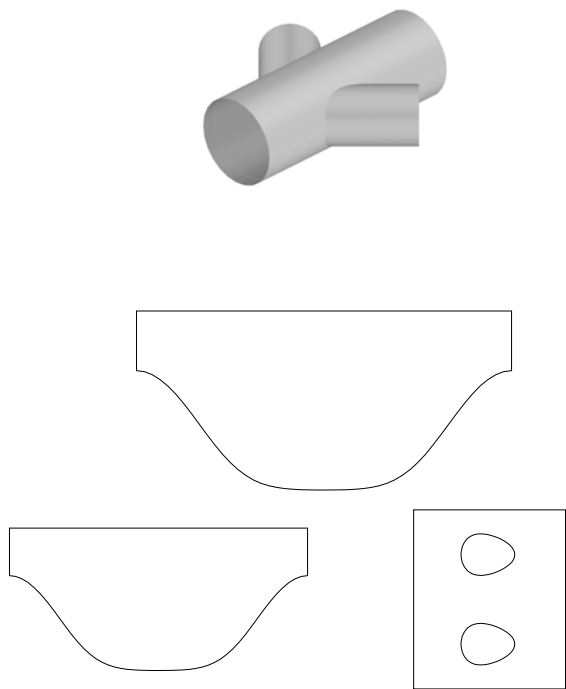
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 50

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
K=Branch Diameter #2	Branch Seam Position=0.000	
L=Branch Length #2	Throat Cut Back (Degrees)=0.000	
M=Angle #2	Plate Border (Circumference)=0.000	
N=Inset #2	Plate Type=Rectangular	
O=Offset #2	Cut Back Allowance (%)=0.000	
P=Extension #2	Use Pipe Seam For Branches=No	
	Plate Border (Length)=Auto	
	End Castle Width =0.000	
	End Castle Angle=30.000	

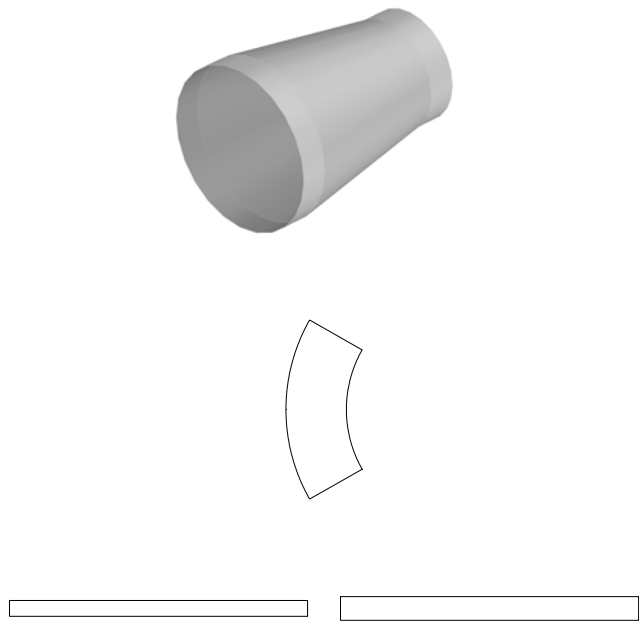
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 51

Round/Fabrication



Dims	Options	Conn's
A=Diameter In	Diameter Type BE=Nominal	C1=None
B=Diameter Out	Diameter Type SE=Nominal	C2=None
C=Length	Cross Break=1	
D=Left Extension	Length Break=1	
E=Right Extension	Seam For Weathering=No	
F=Angle	Input=Length	
	Length Includes Extensions=No	
	Auto Oversize=Normal	
	Graining Angle=90.000	

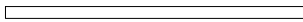
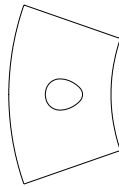
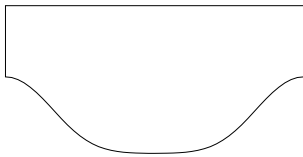
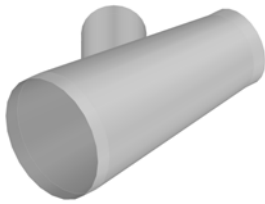
Seams

S1=None

Damper: None
None

Pattern: 52

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=270.000	
G=Branch 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	
	Cut Back Allowance (%)=0.000	
	End Castle Width =0.000	
	End Castle Angle=30.000	

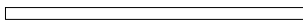
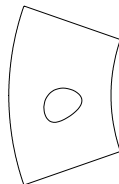
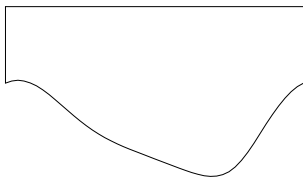
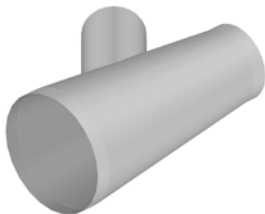
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 53

Round/Fabrication



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=270.000	
G=Branch 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	
K=Extension #1	Branch Allowance To Pipe=0.000	
	Branch Seam Position=0.000	
	Throat Cut Back (Degrees)=0.000	
	Cut Back Allowance (%)=0.000	
	End Castle Width =0.000	
	End Castle Angle=30.000	

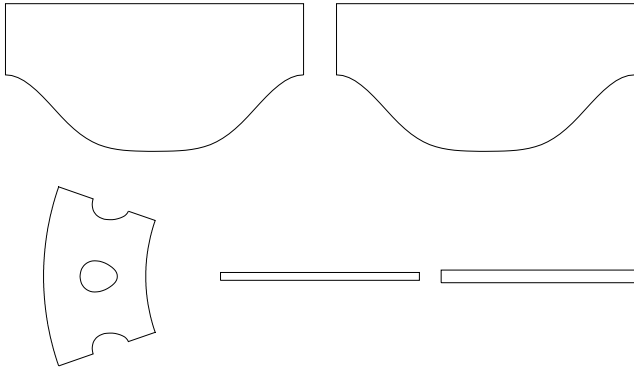
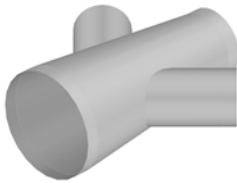
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 54

Round/Fabrication



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=270.000	
G=Branch 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	
K=Branch Diameter #2	Hole Adjust=0.000	
L=Branch Length #2	Branch Allowance To Pipe=0.000	
M=Angle #2	Branch Seam Position=0.000	
N=Inset #2	Throat Cut Back (Degrees)=0.000	
O=Extension #2	Cut Back Allowance (%)=0.000	
	End Castle Width=0.000	
	End Castle Angle=30.000	

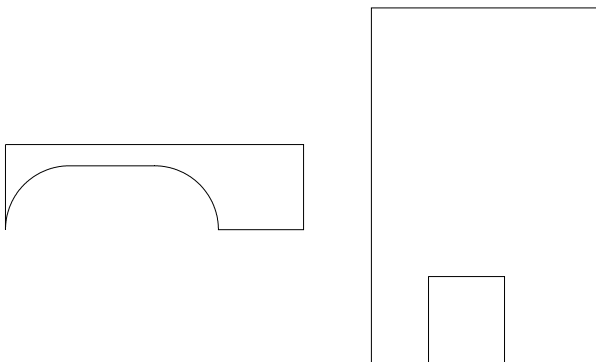
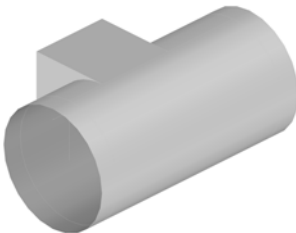
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 55

Round/Fabrication



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Branch Parts=1	
F=Branch Depth	Pipe Seam Position=0.000	
G=Branch Length	Hole Adjust=0.000	
H=Inset	Plate Border=0.000	
I=Offset	Castle Width=0.000	
	Castle Angle=30.000	
	Plate Border (Width)=Auto	
	Same Seams On Each Part=No	
	Mirror Branch Parts=No	

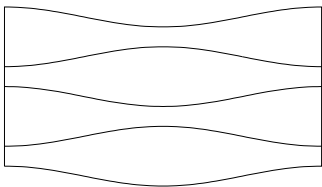
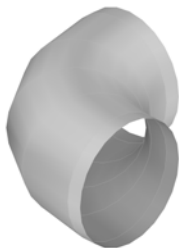
Seams

S1=None
S2=None

Damper:

Pattern: 56

Round



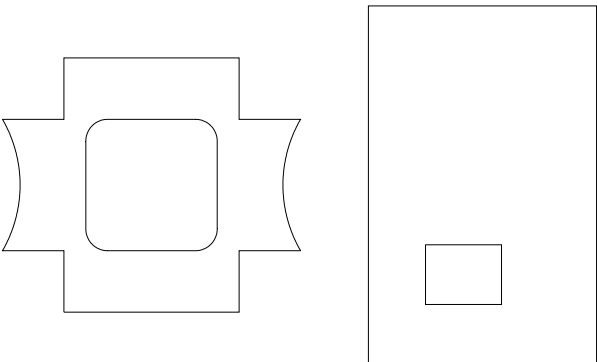
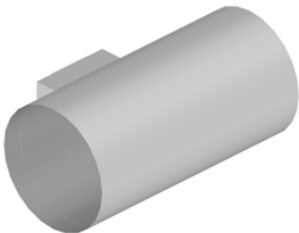
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Collar	Single Segments=No	
E=Right Collar	Diameter Type=Nominal	

Seams
S1=None

Damper:

Pattern: 57

Round



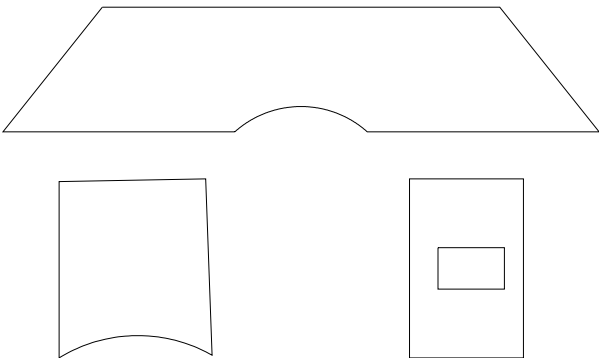
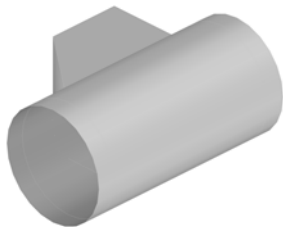
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Pipe Seam Position=0.000	
F=Branch Depth	Hole Adjust=0.000	
G=Branch Length	Plate 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	
L=Collar	Develop Branch Collar=No	

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 58

Round



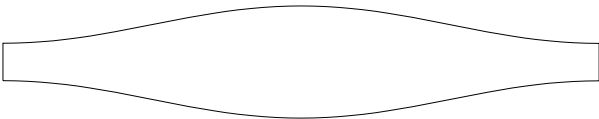
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width #1	Branch Parts=2	
F=Branch Depth #1	First Break=0.000	
G=Branch Length #1	Second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

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 59

Round



Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Centre Diameter	Seam Position=0.000	C2=None
C=Radius	Diameter Type=Nominal	
D=Angle	Diameter=End	

Seams
S1=None

Damper:

Pattern: 60

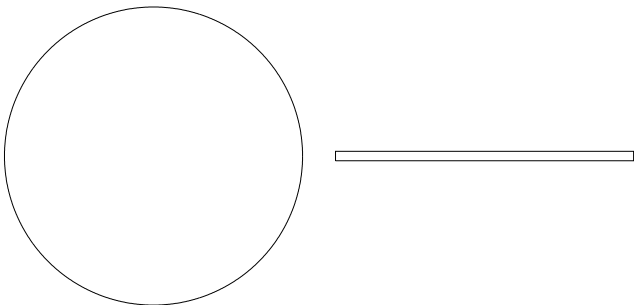
Round

Dims		Options	Conn's
A=Diameter	B=Collar	Diameter Type=Nominal Correct Holes Rotation=No	C1=None



Seams

Damper:



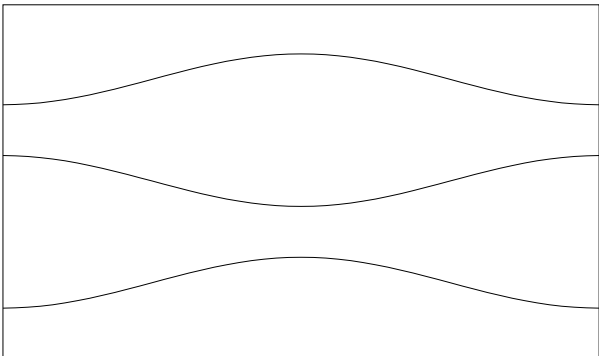
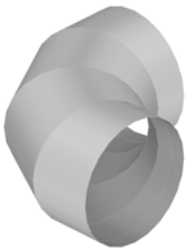
Pattern: 61

Round

Dims		Options	Conn's
A=Diameter		Number Of Segments=4	C1=None
B=Inner Radius		Seam Position=0.000	C2=None
C=Angle		Cross Break=1	C3=None
D=Bottom Extension		Single Segments=No	
E=Top Extension		Diameter Type=Nominal	
		Automatic Nest Break 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	
		Splitters=0	
		Splitter Adjust=0.000	
		Splitter Shape=Angled	
		Item Volume=Segmented	

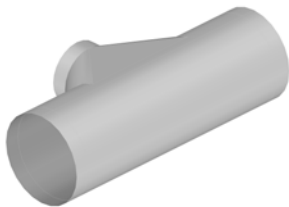
Seams
S1=None

Damper: None
None



Pattern: 62

Round

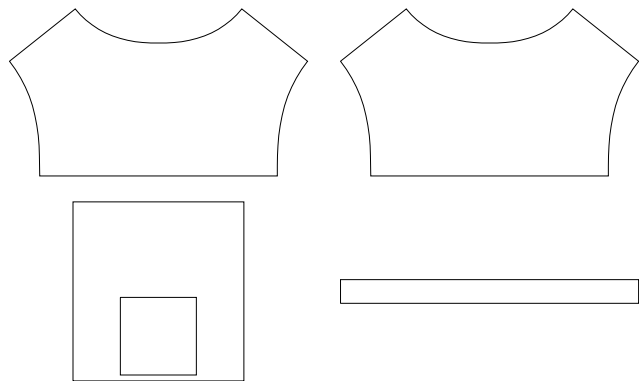


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000	
G=Angle	Seam Position=0.000	
H=Angle	Pipe Parts=1	
I=Inset	Branch Parts=2	
J=Offset	Flat Right=No	
K=Collar	Inlet=1	
	Outlet=2	

Seams

S1=None

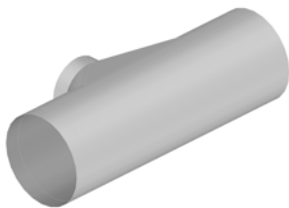
S2=None



Damper:

Pattern: 63

Round

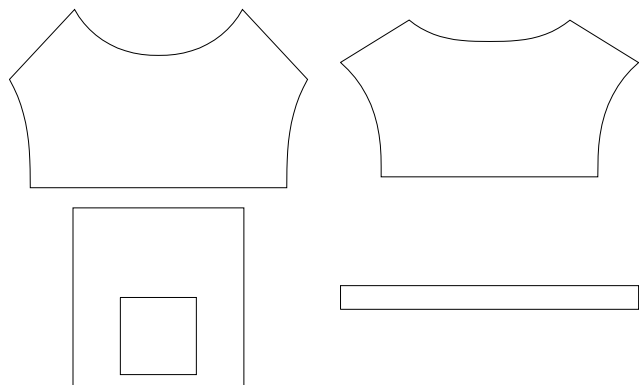


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000	
G=Angle	Seam Position=0.000	
H=Angle	Pipe Parts=1	
I=Inset	Branch Parts=2	
J=Collar	Flat Right=No	
	Inlet=1	
	Outlet=2	

Seams

S1=None

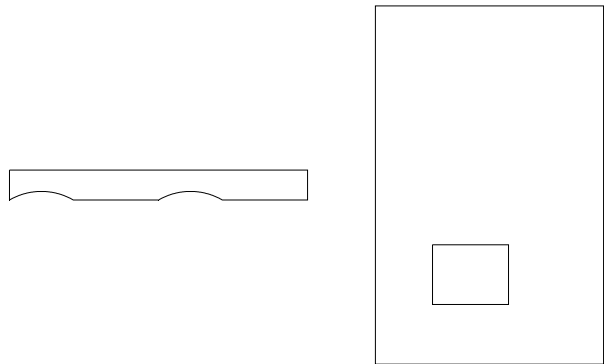
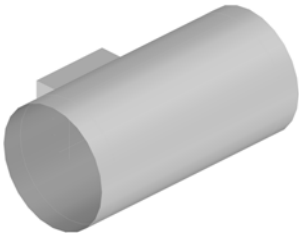
S2=None



Damper:

Pattern: 64

Round



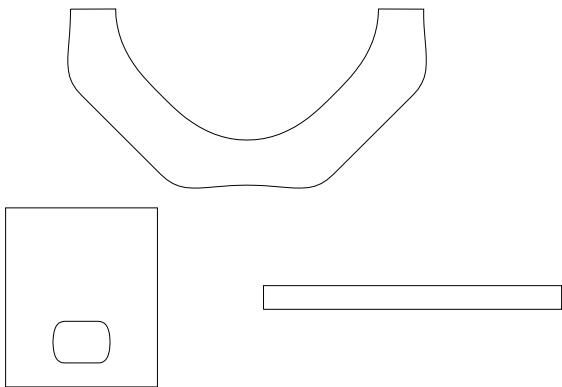
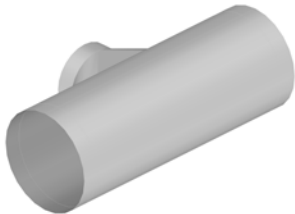
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Branch Parts=1	
F=Branch Depth	Pipe Seam Position=0.000	
G=Branch Length	Hole Adjust=0.000	
H=Inset	Plate Border=0.000	
I=Extension	Castle Width=0.000	
	Castle Angle=30.000	
	Plate Border (Width)=Auto	

Seams
S1=None
S2=None

Damper:

Pattern: 65

Round



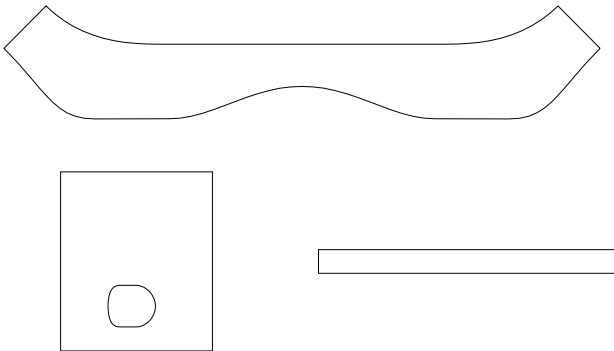
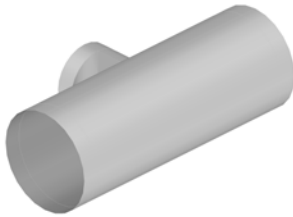
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	
E=Branch Diameter	Branch Diameter Type=Nominal	
F=Branch Length	Branch Diameter Type=Nominal	
G=Angle	Branch Allowance 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=None
S2=None

Damper: None
None
None

Pattern: 66

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Seam Position=0.000	C3=None
D=Right Extension	Branch Seam Position=Throat	
E=Branch Diameter	Pipe Diameter Type=Nominal	
F=Branch 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	

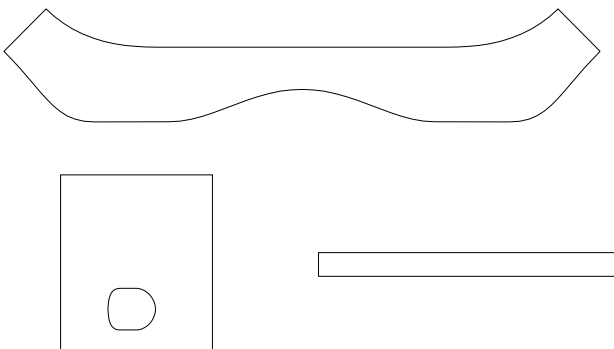
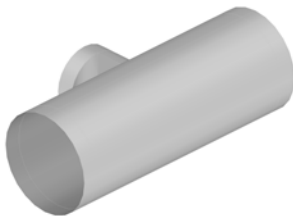
Seams

S1=None
S2=None

Damper: None

Pattern: 67

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Seam Position=0.000	C3=None
D=Right Extension	Branch Seam Position=Throat	
E=Branch Diameter	Pipe Diameter Type=Nominal	
F=Branch 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	
	Plate Border=0.000	
	Plate Type=Rectangular	
	Plate Border (Width)=Auto	
	Inset=Front	

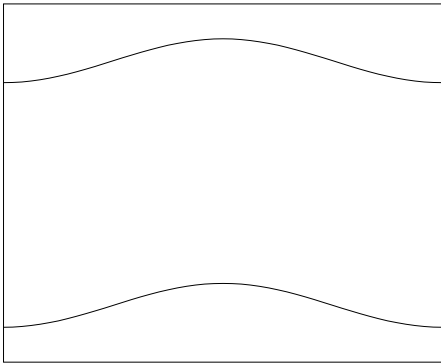
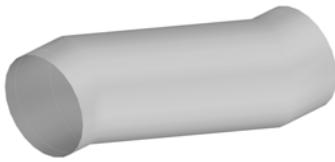
Seams

S1=None
S2=None

Damper: None

Pattern: 68

Round



Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Single Segments=No	C2=None
C=Offset	Diameter Type=Nominal	C3=None
D=Left Extension	Cross Break=1	
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 Break If Oversize=No	

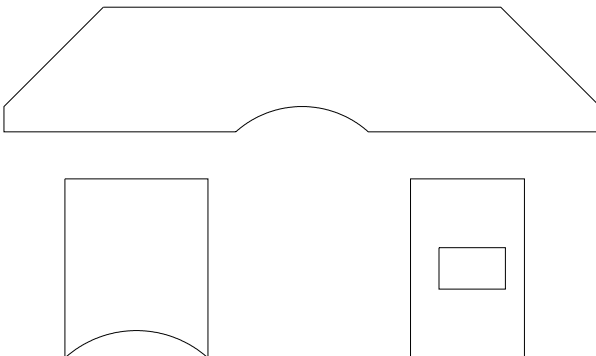
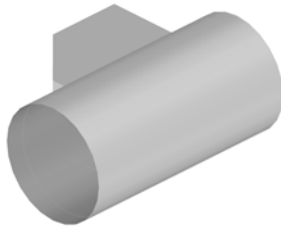
Seams

S1=None

Damper: None
None

Pattern: 69

Round



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

Seams

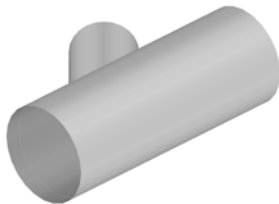
S1=None

S2=None

Damper: None
None
None

Pattern: 70

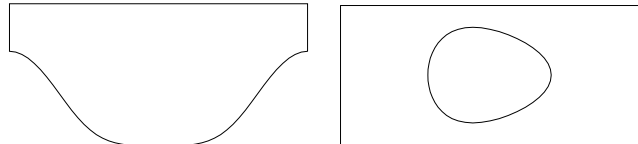
Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Pipe Length	Pipe Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter #1	Branch Allowance To Pipe=0.000	
F=Branch 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	Cut Back Allowance (%)=0.000	
J=Extension #1	Use Pipe Seam For Branches=No	
K=Plate Border	End Castle Width =0.000	
	End Castle Angle=30.000	

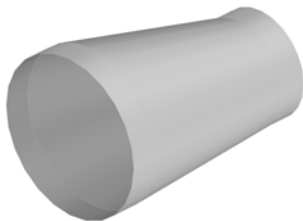
Seams
S1=None
S2=None

Damper: None
None
None



Pattern: 71

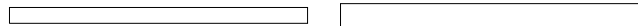
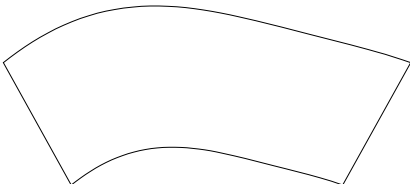
Round



Dims	Options	Conn's
A=Diameter In	Diameter Type BE=Nominal	C1=None
B=Diameter Out	Diameter Type SE=Nominal	C2=None
C=Length	Cross Break=1	
D=Y-Offset	Seam Position=0.000	
E=Left Extension	Length Break=1	
F=Right Extension	Marker Type=Notch	
G=Round Angle	Length Includes Extensions=No	

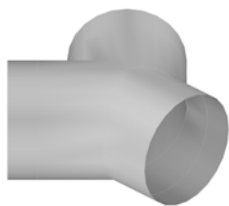
Seams
S1=None

Damper: None
None



Pattern: 72

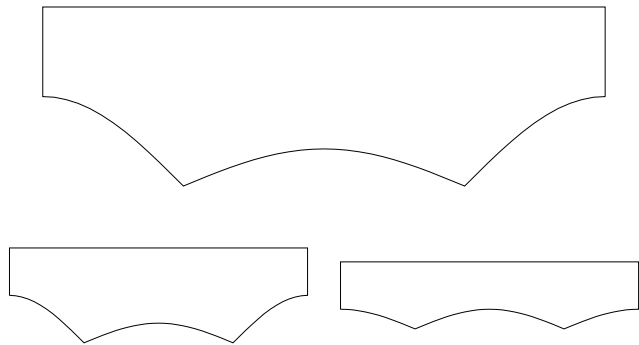
Round/Fabrication



Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length In	Seam Position=0.000	C2=None
C=Length Out		C3=None
D=Angle		C4=None
E=Bottom Extension		C5=None
F=Left Extension		
G=Right Extension		

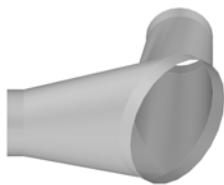
Seams
S1=None

Damper:



Pattern: 73

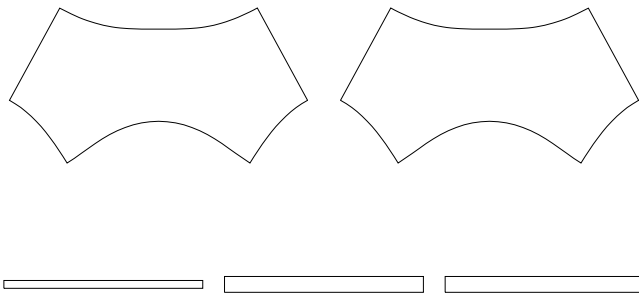
Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Left End Angle	Seam Position=Top	C4=None
E=Right End Angle	Marker Type=Notch	
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		

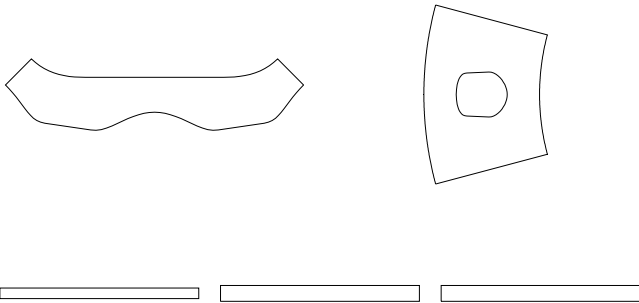
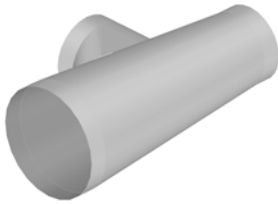
Seams
S1=None

Damper:



Pattern: 74

Round



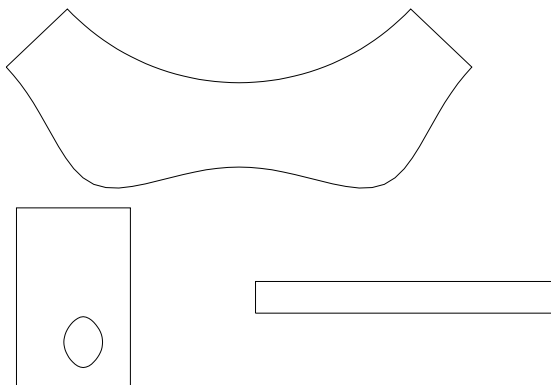
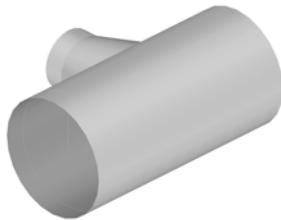
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch Length	Branch Diameter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

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 75

Round/Fabrication



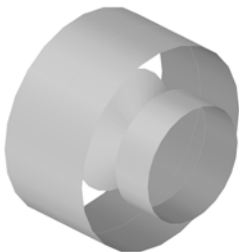
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	
E=Branch Diameter	Branch Diameter Type=Nominal	
F=Branch Length	Hole Adjust=0.000	
G=Angle	Branch Allowance To Pipe=0.000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

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 77

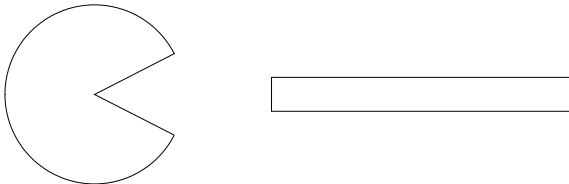
Round



Dims	Options	Conn's
A=Top Diameter	Cross Break=1	C1=None
B=Diameter	Hole Width=0.000	C2=None
C=Bottom Diameter	Hole Length=0.000	C3=None
D=Inner Diameter	Number Of Holes=0	
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	
	Hole Inset=0.000	
	Insertion Point=Default	
	Rotation=Default	

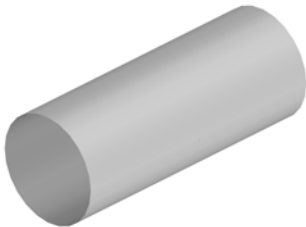
Seams
S1=None

Damper:



Pattern: 78

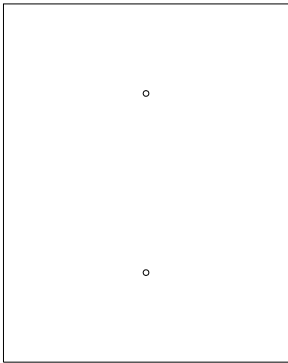
Round



Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Top Hole Length	Hole=Both	
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	

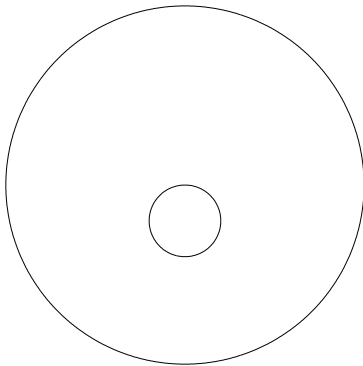
Seams
S1=None

Damper: None
None



Pattern: 79

Round



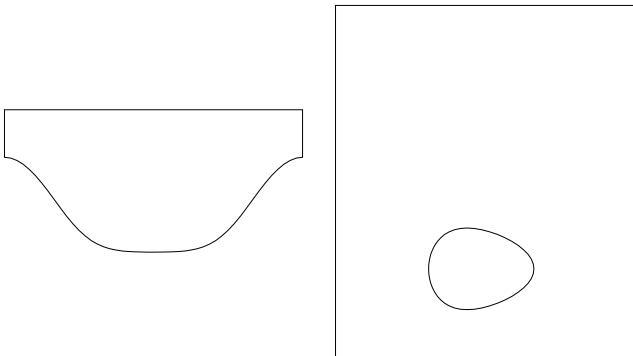
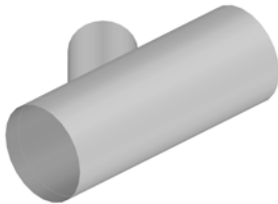
Dims		Options	Conn's
A=Diameter	B=Offset		C1=None
C=Diameter	D=Collar		C2=None

Seams

Damper:

Pattern: 80

Round



Dims		Options	Conn's
A=Pipe Diameter		Pipe Parts=1	C1=None
B=Pipe Length		Branch Parts=1	C2=None
C=Left Extension		First Break=0.000	C3=None
D=Right Extension		Second Break=0.000	
E=Branch Diameter #1		Third Break=0.000	
F=Branch 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	
		Branch Seam Position=0.000	
		Throat Cut Back (Degrees)=0.000	
		Plate Border (Circumference)=0.000	
		Plate Type=Rectangular	
		Cut Back Allowance (%)=0.000	
		Use Pipe Seam For Branches=No	
		Plate Border (Length)=Auto	
		Hole Width Adjust=0.000	
		Hole Depth Adjust=0.000	
		End Castle Width =0.000	
		End Castle Angle=30.000	

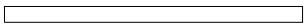
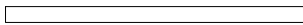
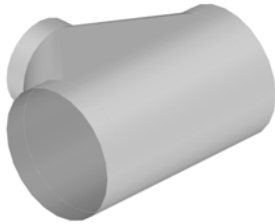
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 81

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Left Extension	Branch Diameter Type=Nominal	C2=None
C=Right Extension	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter	Hole Adjust=0.000	
E=Branch 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	
	Inlet=1	
	Outlet=2	

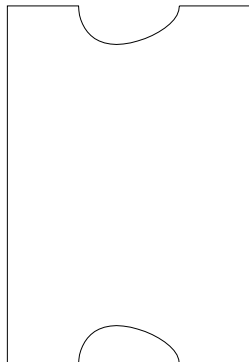
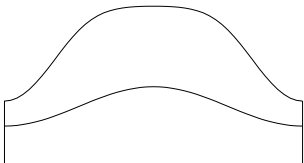
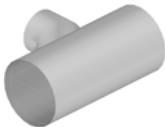
Seams

S1=None
S2=None

Damper:

Pattern: 82

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	
F=Branch 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	
K=Collar	Reducer Parts=1	
	Branch Inset=Front	

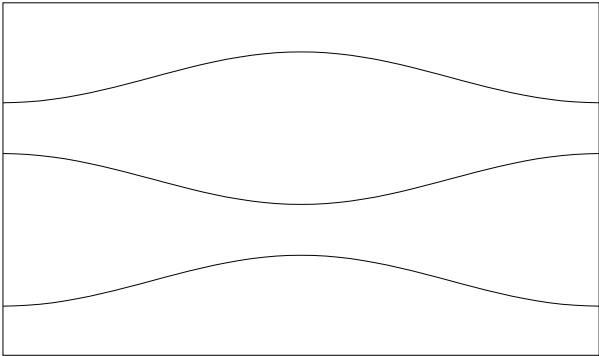
Seams

S1=None
S2=None

Damper:

Pattern: 83

Round/Fabrication



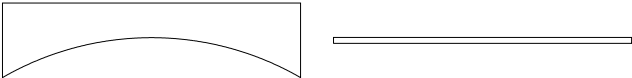
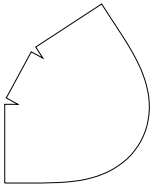
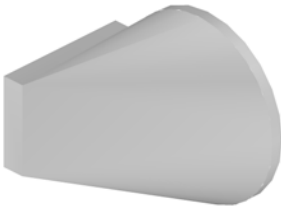
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Diameter Type=Nominal	
E=Top Extension	Automatic Nest Break If Oversize=No	
	Notch Angle For Seam=0	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Quantity=1	
	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	
	Item Volume=Segmented	

Seams
S1=None

Damper: None
None

Pattern: 85

Rectangular/Round



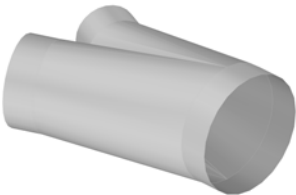
Dims	Options	Conn's
A=Width	B=Depth	Diameter Type=Nominal
C=Diameter	D=Extension	Top Offset=0.000
E=Collar		

Seams
S1=None

Damper:

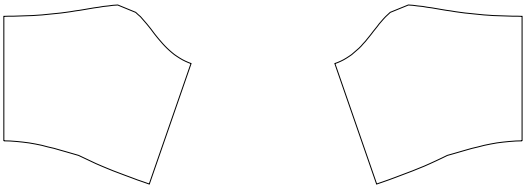
Pattern: 86

Round



Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Height	Slope Angle=0.000	
E=Length		
F=Left Angle		
G=Right Angle		
H=Bottom Collar		
I=Left Collar		
J=Right Collar		

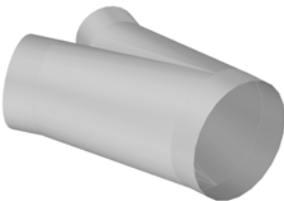
Seams
S1=None
S2=None



Damper:

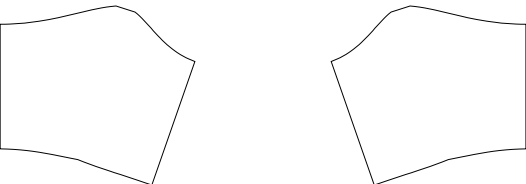
Pattern: 87

Round



Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Height	Slope Angle=0.000	
E=Length		
F=Left Angle		
G=Right Angle		
H=Bottom Collar		
I=Left Collar		
J=Right Collar		

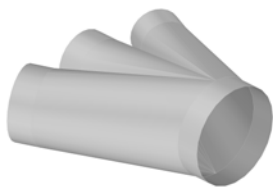
Seams
S1=None
S2=None



Damper:

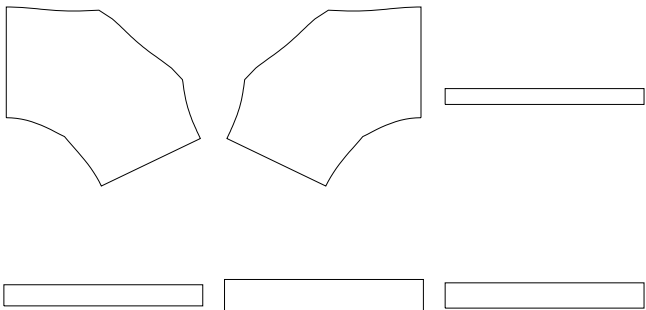
Pattern: 88

Round



Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Diameter	Slope Angle=0.000	C4=None
E=Height		
F=Length		
G=Left Angle		
H=Right Angle		
I=Bottom Collar		
J=Left Collar		
K=Right Collar		
L=Collar		

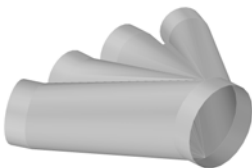
Seams
S1=None
S2=None



Damper:

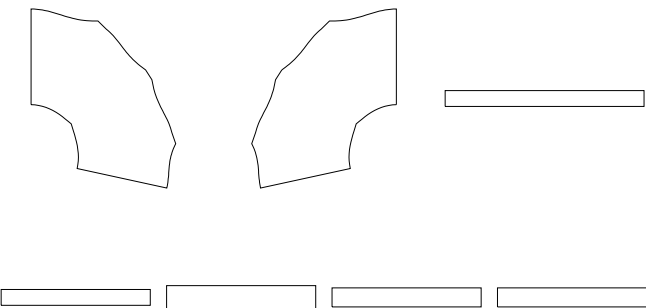
Pattern: 89

Round



Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Diameter	Slope Angle=0.000	C4=None
E=Diameter		C5=None
F=Height		
G=Length		
H=Left Angle		
I=Right Angle		
J=Bottom Collar		
K=Left Collar		
L=Right Collar		
M=Collar		
N=Collar		

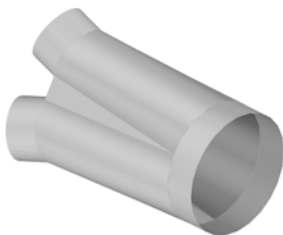
Seams
S1=None
S2=None



Damper:

Pattern: 90

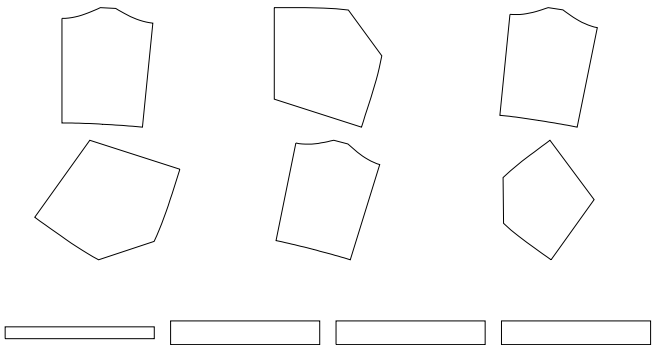
Round



Dims	Options	Conn's
A=Bottom Diameter		C1=None
B=Top Diameter #2		C2=None
C=Top Diameter #3		C3=None
D=Top Diameter #4		C4=None
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		

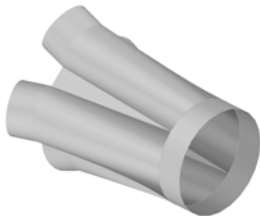
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 91

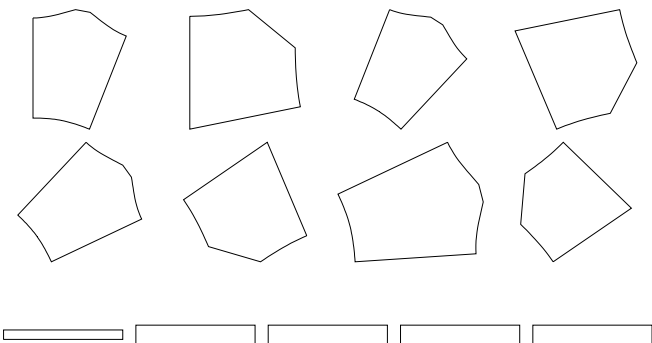
Round



Dims	Options	Conn's
A=Bottom Diameter		C1=None
B=Top Diameter #2		C2=None
C=Top Diameter #3		C3=None
D=Top Diameter #4		C4=None
E=Top Diameter #5		C5=None
F=Height		
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		

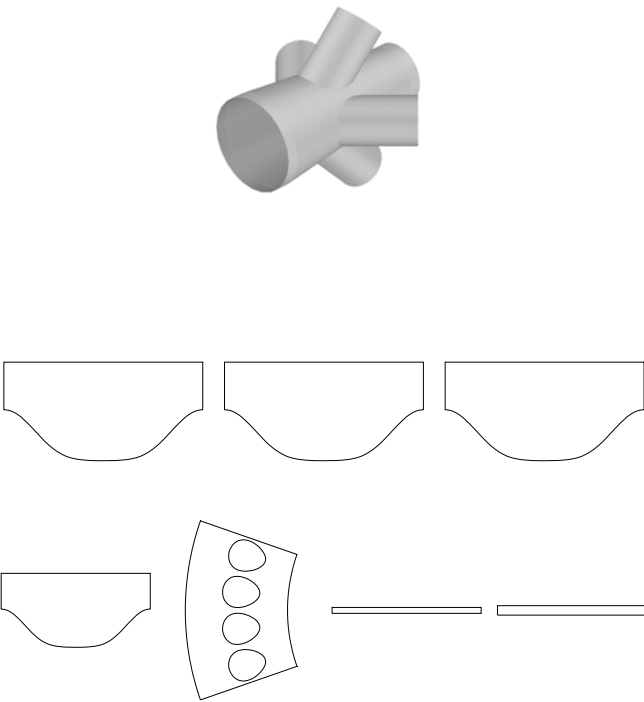
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 92

Round

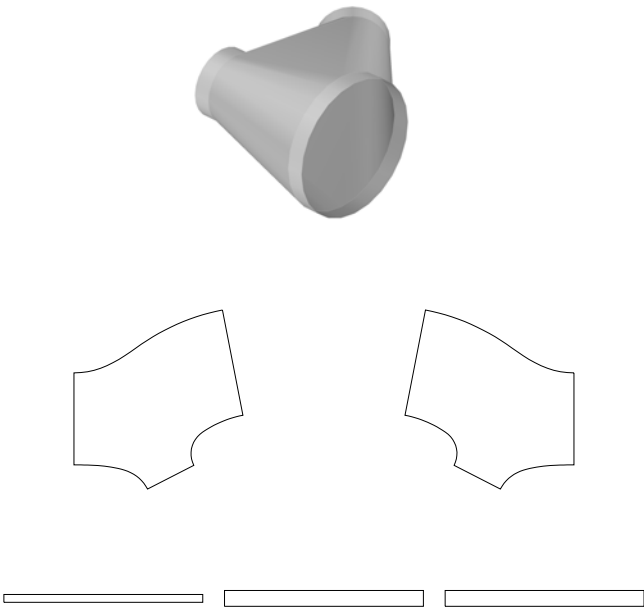


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	C5=None
F=Branch Diameter #1	Seam Position=45.000	C6=None
G=Branch Length #1	Diameter 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=Branch Diameter #2	Hole Adjust=0.000	
M=Branch Length #2	Branch Allowance To Pipe=0.000	
N=Angle #2	Branch Seam Position=0.000	
O=Inset #2	Throat Cut Back (Degrees)=0.000	
P=Rotation #2	Cut Back Allowance (%)=0.000	
Q=Extension #2	End Castle Width =0.000	
R=Branch Diameter #3	End Castle Angle=30.000	
S=Branch Length #3		
T=Angle #3		
U=Inset #3		
V=Rotation #3		
W=Extension #3		
X=Branch Diameter #4		
Y=Branch Length #4		
Z=Angle #4		
a=Inset #4		
b=Rotation #4		

Seams
S1=None
S2=None
S3=None
S4=None
S5=None
Damper: None
None
None
None
None
None

Pattern: 93

Round



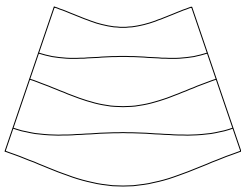
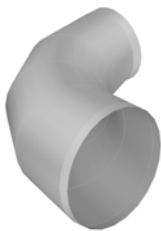
Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter	Left Diameter Type=Nominal	C2=None
C=Branch Diameter	Right Diameter Type=Nominal	C3=None
D=Angle	2 Parts=Yes	
E=Right Offset		
F=Height		
G=Bottom Collar		
H=Top Collar		
I=Branch Collar		

Seams
S1=None

Damper:

Pattern: 95

Round



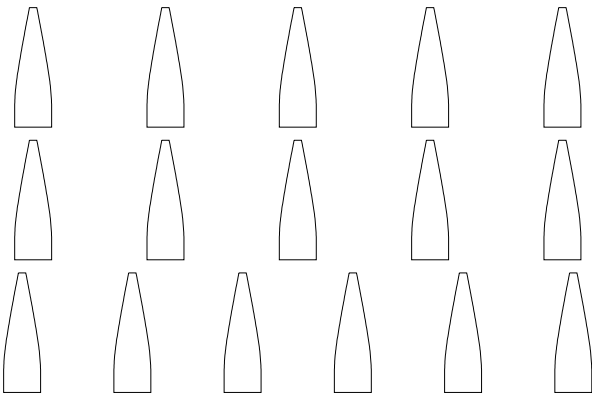
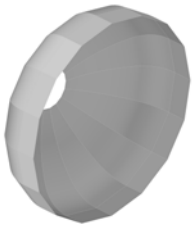
Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Centre Radius	Cross Break=1	C3=None
D=Angle	Single Segments=No	
E=Bottom Collar	Diameter Type=Nominal	
F=Right Collar		

Seams
S1=None

Damper:

Pattern: 96

Round



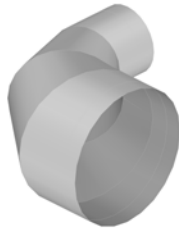
Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=16	C1=None
B=Top Diameter	Parts To Cut=16	
C=Height	Input=Height	
D=Top Radius	Bottom Diameter Type=Nominal	
E=Bottom Radius	Top Diameter Type=Nominal	
F=Bottom Extension	Top Diameter=Slice	
G=Collar	Fixing Holes=2	
H=Branch Diameter	Fixing Hole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

Seams
S1=None

Damper:

Pattern: 97

Round

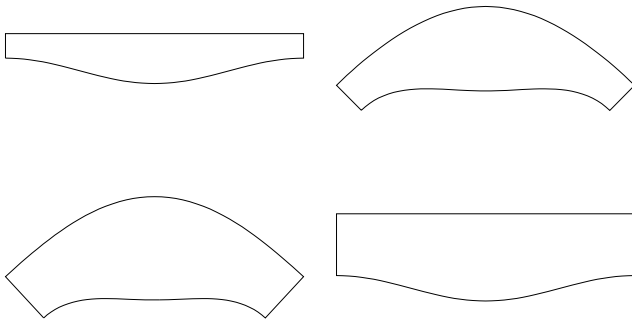


Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Centre Radius	Cross Break=1	C3=None
D=Angle	Bottom Diameter Type=Nominal	
E=Bottom Extension	Marker Type=Notch	
F=Top Extension	Top Diameter Type=Nominal	
	Marker Depth=Default	
	Mark Sides=No	
	Leg Lengths=No	

Seams

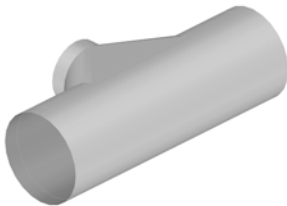
S1=None

Damper: None
None



Pattern: 98

Round



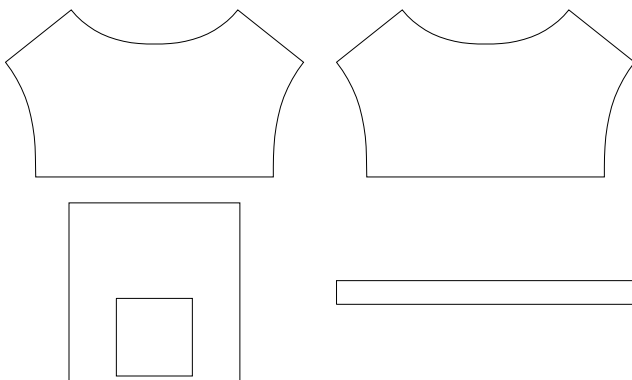
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000	
G=Angle	Seam Position=0.000	
H=Angle	Pipe Parts=1	
I=Inset	Branch Parts=2	
J=Collar	Flat Right=No	
	Inlet=1	
	Outlet=2	

Seams

S1=None

S2=None

Damper:



Pattern: 99

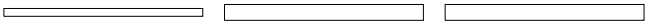
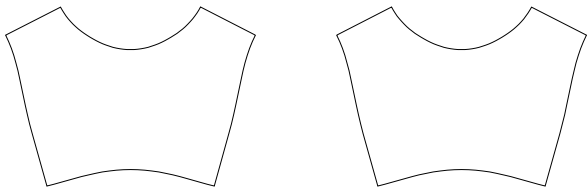
Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Left Angle	Seam Position=Top	C4=None
E=Right Angle	Marker Type=Notch	
F=Bottom Collar		
G=Left Collar		
H=Right Collar		

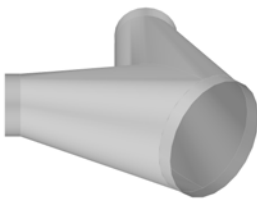
Seams
S1=None

Damper:



Pattern: 100

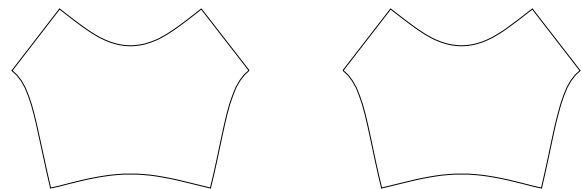
Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Left Angle	Seam Position=Top	C4=None
E=Right Angle	Marker Type=Notch	
F=Left Length		
G=Right Length		
H=Height		
I=Bottom Collar		
J=Left Collar		
K=Right Collar		

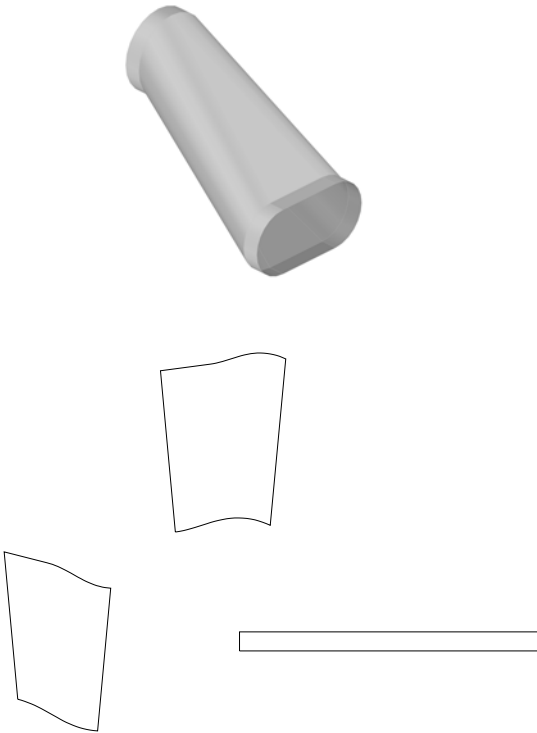
Seams
S1=None

Damper:



Pattern: 103

Round/Flat Oval



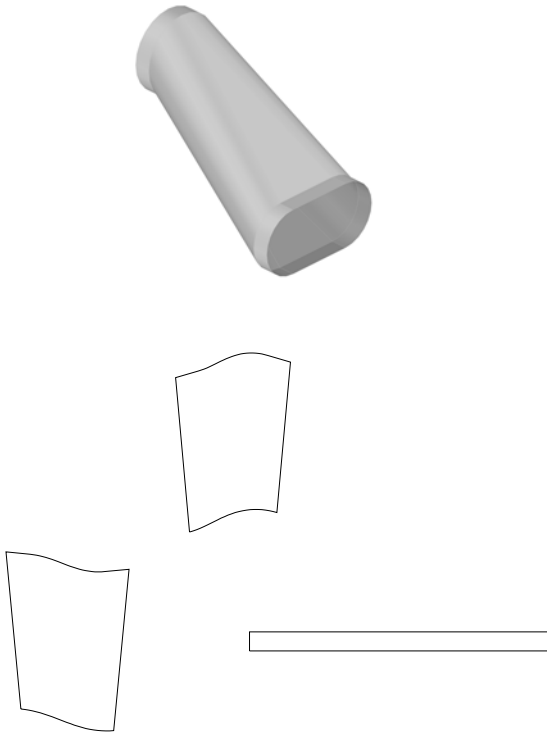
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type BE=Nominal	C2=None
C=Diameter	Diameter Type SE=Nominal	
D=Length	Seam Position=Corner	
E=Offset Width	Inlet=1	
F=Offset Depth	Outlet=2	
G=Oval Collar	Same Seams On Each Part=No	
H=Round Collar		

Seams
S1=None

Damper:

Pattern: 123

Round/Flat Oval



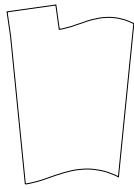
Dims	Options	Conn's
A=Width	Diameter Type BE=Nominal	C1=None
B=Depth	Diameter Type SE=Nominal	C2=None
C=Diameter	Seam Position=Major Axis	
D=Length	Inlet=1	
E=Offset Width	Outlet=2	
F=Offset Depth	Same Seams On Each Part=No	
G=Oval Collar		
H=Round Collar		

Seams
S1=None

Damper:

Pattern: 133

Round/Flat Oval



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type BE=Nominal	C2=None
C=Diameter	Diameter Type SE=Nominal	
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	

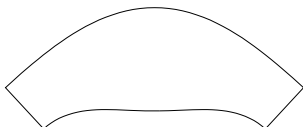
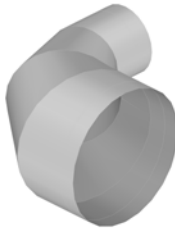
Seams

S1=None

Damper:

Pattern: 142

Round



Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Centre Radius	Cross Break=1	C3=None
D=Angle	Bottom Diameter Type=Nominal	
E=Offset	Marker Type=Notch	
F=Bottom Extension	Top Diameter Type=Nominal	
G=Top Extension	Marker Depth=Default	
	Mark Sides=No	
	Leg Lengths=No	

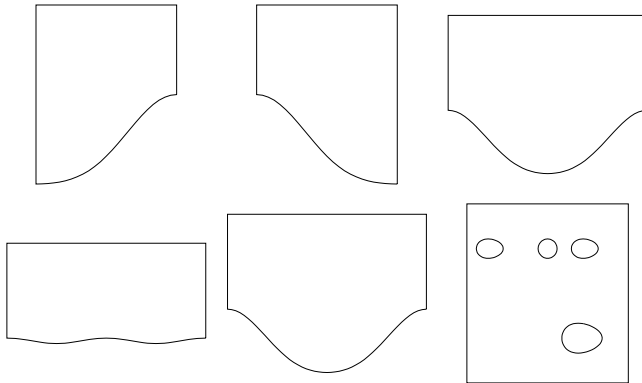
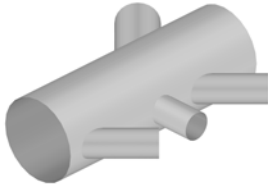
Seams

S1=None

Damper: None
None

Pattern: 148

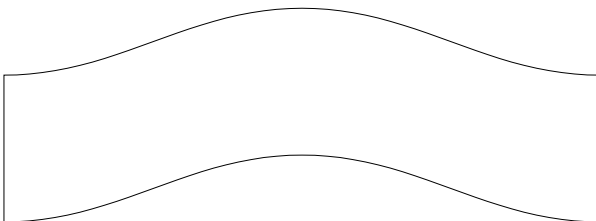
Round



Dims	Options		Conn's
A=Pipe Diameter	Pipe Parts=1	Hole Adjust=0.000	C1=None
B=Pipe Length	First Break=0.000	Castle Width=0.000	C2=None
C=Left Extension	Second Break=0.000	Castle Angle=30.000	C3=None
D=Right Extension	Third Break=0.000	Round Allowance T...	C4=None
E=Branch Diameter #1	Seam Position=0.000	Flat Allowance To P...	C5=None
F=Branch Length #1	Pipe Diameter Typ...	Hole Adjust=0.000	C6=None
G=Angle #1	Branch Type=Straig...	Castle Width=0.000	
H=Inset #1	Branch Diameter T...	Castle Angle=30.000	
I=Offset #1	Branch Parts=2	Round Allowance T...	
J=Rotation #1	Branch Type=Straig...	Flat Allowance To P...	
K=Extension #1	Branch Diameter T...	Hole Adjust=0.000	
L=Branch Diameter #2	Branch Parts=1	Castle Width=0.000	S1=None
M=Branch Length #2	Branch Type=Straig...	Castle Angle=30.000	S2=None
N=Angle #2	Branch Diameter T...		S3=None
O=Inset #2	Branch Parts=1		S4=None
P=Offset #2	Branch Type=Straig...		S5=None
Q=Rotation #2	Branch Diameter T...		Damper:
R=Extension #2	Branch Parts=1		
S=Branch Diameter #3	Diameter Reductio...		
T=Branch Length #3	Shoe Seam Position...		
U=Angle #3	Handle Inline with ...		
V=Inset #3	Round Allowance T...		
W=Offset #3	Flat Allowance To P...		
X=Rotation #3	Hole Adjust=0.000		
Y=Extension #3	Castle Width=0.000		
Z=Branch Diameter #4	Castle Angle=30.000		
a=Branch Length #4	Round Allowance T...		
b=Angle #4	Flat Allowance To P...		

Pattern: 149

Round

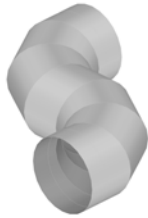


Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Length	Seam Position=0.000	C2=None
C=Angle	Vertical=No	C3=None
D=Body Diameter	Pipework=No	
	Adjust=0.000	
	Include=Yes	
	Right Offset=6.000	
	Left Offset=6.000	
	Develop X Size For Diameter=No	
	Inlet=1	
	Outlet=2	

Damper:

Pattern: 155

Round

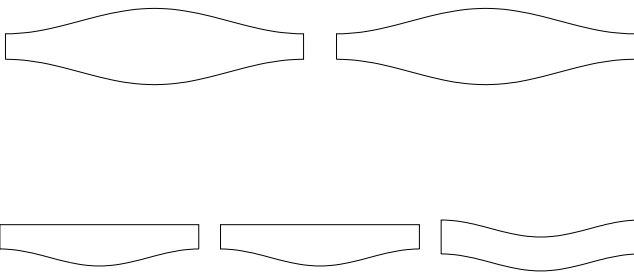


Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Height	Top Number Of Segments=2	C2=None
C=Top Radius	Bottom Number Of Segments=2	C3=None
D=Top Angle	Single Segments=Yes	
E=Top Extension	Diameter Type=Nominal	
F=Bottom Radius	Marker Type=Notch	
G=Bottom Angle	Item Pattern Length/Angle=Length	
H=Bottom Extension		
I=Twist Angle		

Seams

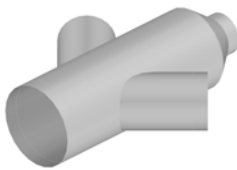
S1=None

Damper:



Pattern: 160

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Right Length	Second Break=0.000	C4=None
E=Left Extension	Third Break=0.000	C5=None
F=Right Extension	Seam Position=0.000	
G=Branch Diameter #1	Pipe Diameter Type=Nominal	
H=Branch 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=Branch Diameter #2	Throat Cut Back (Degrees)=0.000	
N=Branch Length #2	Right Diameter Type=Nominal	
O=Angle #2	Plate Border (Circumference)=0.000	
P=Inset #2	Plate Type=Rectangular	
Q=Offset #2	Cut Back Allowance (%)=0.000	
R=Rotation #2	Use Pipe Seam For Branches=No	
S=Extension #2	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	

Seams

S1=None

S2=None

S3=None

Damper: None

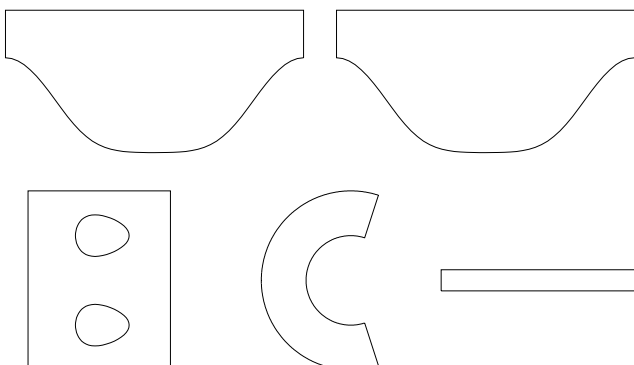
None

None

None

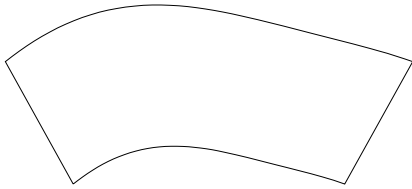
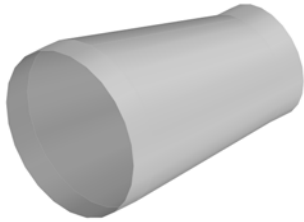
None

None



Pattern: 162

Round/Fabrication



Dims	Options	Conn's
A=Diameter In	Diameter Type BE=Nominal	C1=None
B=Diameter Out	Diameter Type SE=Nominal	C2=None
C=Length	Cross Break=1	
D=Y-Offset	Seam Position=0.000	
E=X-Offset	Length Break=1	
F=Left Extension	Marker Type=Notch	
G=Right Extension	Length Includes Extensions=No	
H=Round Angle	Offset Width=Left In	
	Offset Depth=Bottom Up	

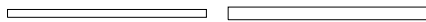
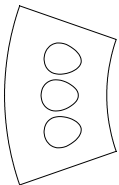
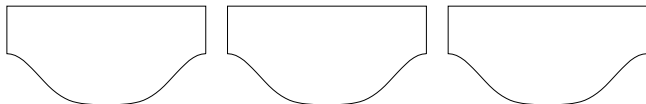
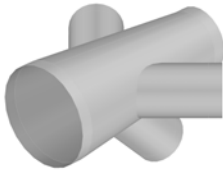
Seams

S1=None

Damper: None
None

Pattern: 169

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	C5=None
F=Branch Diameter #1	Seam Position=0.000	
G=Branch 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	
M=Branch Diameter #2	Branch Allowance To Pipe=0.000	
N=Branch Length #2	Branch Seam Position=0.000	
O=Angle #2	Throat Cut Back (Degrees)=0.000	
P=Inset #2	Cut Back Allowance (%)=0.000	
Q=Offset #2	End Castle Width =0.000	
R=Rotation #2	End Castle Angle=30.000	
S=Extension #2		
T=Branch Diameter #3		
U=Branch Length #3		
V=Angle #3		
W=Inset #3		
X=Offset #3		
Y=Rotation #3		
Z=Extension #3		

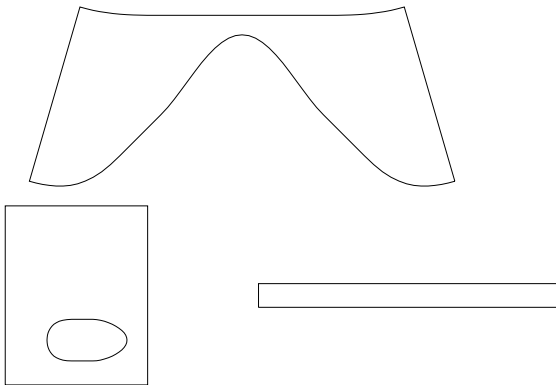
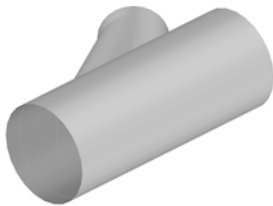
Seams

S1=None
S2=None
S3=None
S4=None

Damper: None
None
None
None
None

Pattern: 170

Round



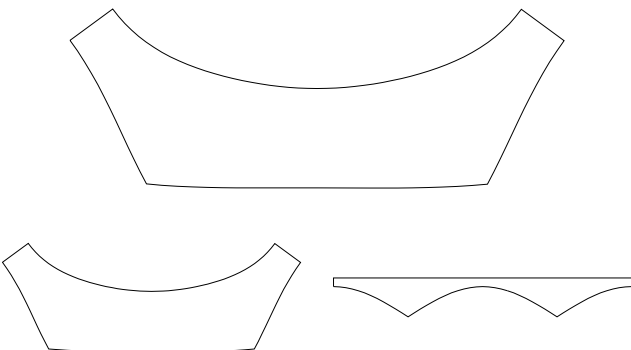
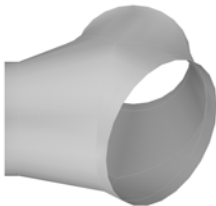
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Left Extension	Branch Parts=1	C2=None
C=Right Extension	Seam Position=0.000	C3=None
D=Branch Diameter	Seam Position=Throat	
E=Branch Length	Pipe Diameter Type=Nominal	
F=Inset	Branch Diameter Type=Nominal	
G=Length In	Branch Allowance To Pipe=0.000	
H=Length Out	Hole Adjust=0.000	
I=Angle	Diameter Reduction=0.000	
J=Collar	Plate Border (Width)=0.000	
	Plate Border (Depth)=Equal	
	Plate Type=Rectangular	

Seams
S1=None
S2=None

Damper:

Pattern: 171

Round



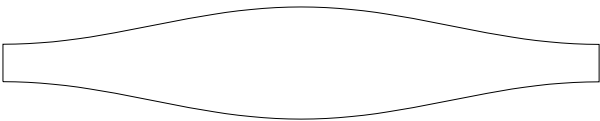
Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Btm Length	Left Diameter Type=Nominal	C2=None
C=Left Diameter	Right Diameter Type=Nominal	C3=None
D=Left Length	Seam Position=Top	C4=None
E=Left Angle		
F=Right Diameter		
G=Right Length		
H=Right Angle		
I=Height		
J=Base Height		
K=Bottom Extension		
L=Left Collar		
M=Right Collar		

Seams
S1=None

Damper:

Pattern: 172

Round



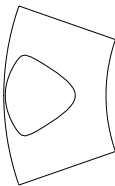
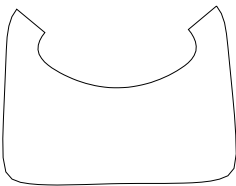
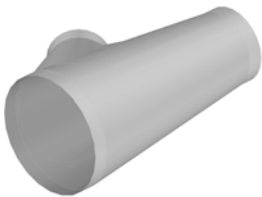
Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Radius	Diameter Type=Nominal	
D=Angle		

Seams
S1=None

Damper:

Pattern: 173

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=270.000	
G=Branch 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	
	Cut Back Allowance (%)=0.000	
	End Castle Width =0.000	
	End Castle Angle=30.000	

Seams
S1=None
S2=None

Damper: None
None

Pattern: 182

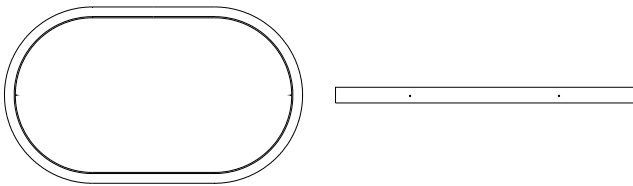
Round/Flat Oval

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



Seams
S1=None

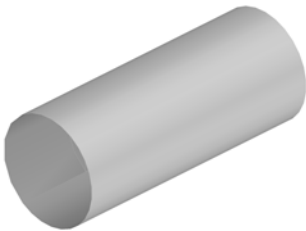
Damper:



Pattern: 183

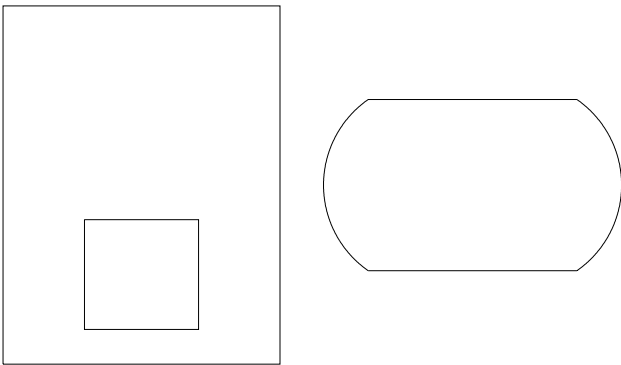
Round

Dims		Options	Conn's
A=Diameter		Seam Position=0.000	C1=None
B=Length		Pipe Parts=1	C2=None
C=Left Extension		Pipe Diameter Type=Nominal	
D=Right Extension		Lap=0.000	
E=Centre Length		Vee Notch Angle=20.000	
F=Centre Depth		Vee Notch Depth=0.000	
G=Inset		Use Vee Notch=Yes	
H=Angle		Separate Cut Out=Yes	
		Cut Out=1	



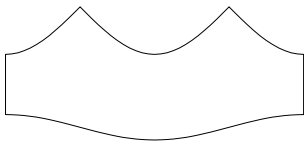
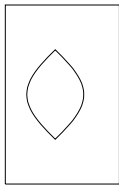
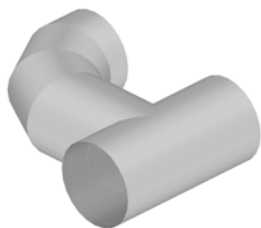
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 184

Round



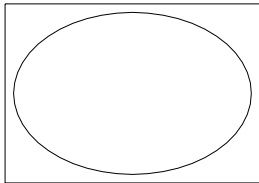
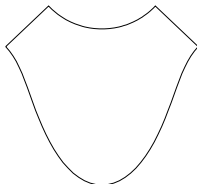
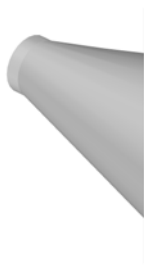
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Pipe Seam Position=270.000	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Diameter	Second Break=0.000	
F=Centre Radius	Third Break=0.000	
G=Angle	Branch Diameter Type=Nominal	
H=Inset #1	Branch Seam Position=0.000	
I=Height	Cross Break=1	
J=Twist Angle	Number Of Segments=4	
K=Top Extension	Single Segments=Yes	
	Nest Break Start Segment=0	
	Nest Break End Segment=0	
	Marker Type=Notch	
	Hole Adjust=0.000	
	Notch Angle For Seam=0	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Branch Allowance To Pipe=0.000	

Seams
S1=None
S2=None

Damper:

Pattern: 186

Round



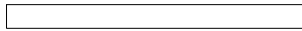
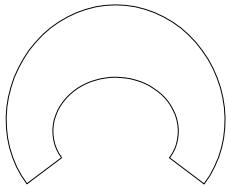
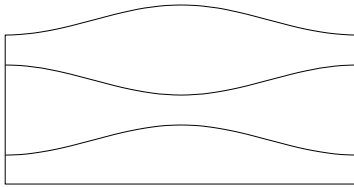
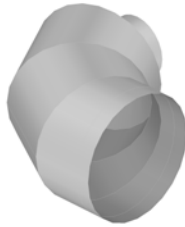
Dims	Options	Conn's
A=Bottom Diameter	Diameter Type=Nominal	C1=None
B=Top Diameter	Cross Break=1	C2=None
C=Length	Seam Position=0.000	
D=Collar	Hole Adjust=0.000	
E=Slope Angle	Turnover=0.000	
F=Border	Type=None	
G=Cone Angle		

Seams
S1=None

Damper: None

Pattern: 231

Round



Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Inner Radius	Cross Break=1	C3=None
D=Angle	Single Segments=No	
E=Bottom Extension	Bottom Diameter Type=Nominal	
F=Top Extension	Automatic Nest Break 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	
	Marker Depth=Default	
	Mark Sides=No	
	Leg Lengths=No	
	Fixing Holes On Extension=Yes	

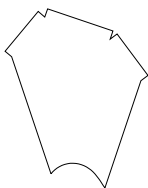
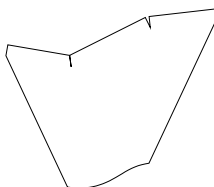
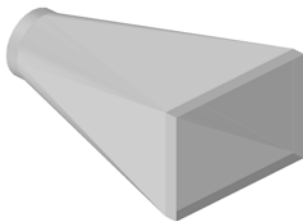
Seams

S1=None

Damper: None
None

Pattern: 254

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Length	Seam Position=Width	
E=Offset Width	Marker Type=Notch	
F=Offset Depth	Input=Length	
G=Extension	Offset Width=Left In	
H=Collar	Offset Depth=Bottom Up	
I=Corner Radius	Inlet=1	
J=Slope Angle	Outlet=2	
	Maximum Angle=180.000	
	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	

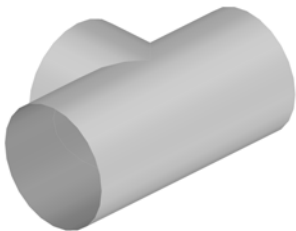
Seams

S1=None

Damper: None

Pattern: 309

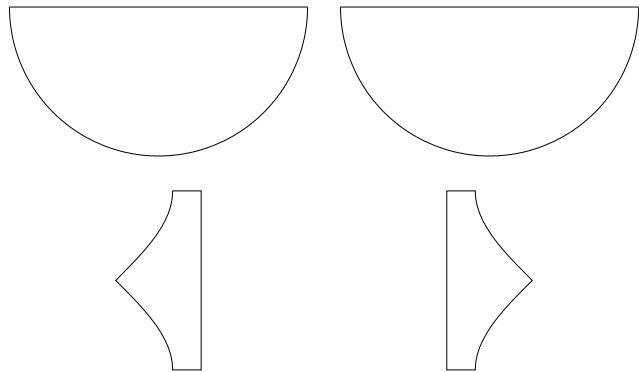
Round



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Angle	Six Parts Right Lap=None	C2=None
C=Length	Seam Position=Left	C3=None
D=Front Hole Diameter		
E=Six Parts Left Height		
F=Six Parts Right Height		
G=Pipe Diameter		
H=Turnover Allowance		

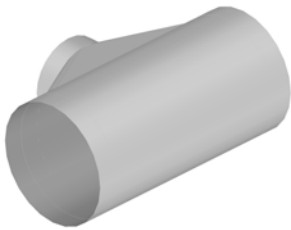
Seams
S1=None

Damper:



Pattern: 311

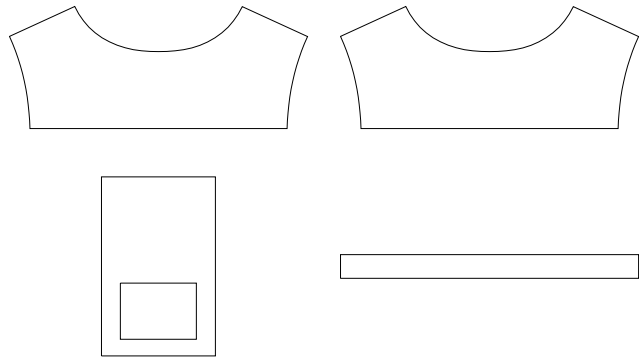
Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch 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	
	Inlet=1	
	Outlet=2	

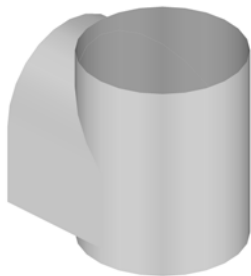
Seams
S1=None
S2=None

Damper:



Pattern: 315

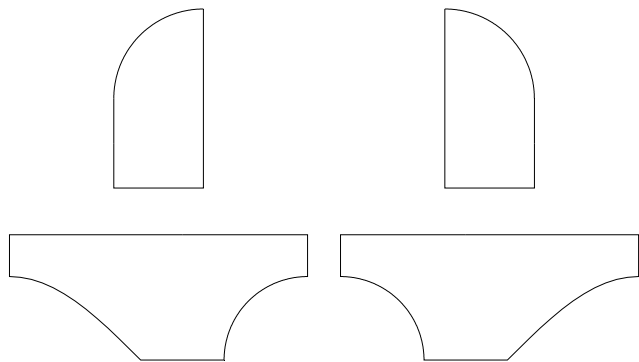
Round



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Angle	Vee Depth Female=0.000	C3=None
D=Length	Vee Angle Female=30.000	
E=Front Hole Diameter	Allowance=Left	
F=Six Parts Left Height		
G=Six Parts Right Height		
H=Pipe Diameter		
I=Turnover Allowance		

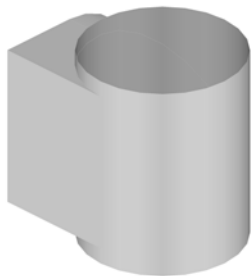
Seams
S1=None

Damper:



Pattern: 316

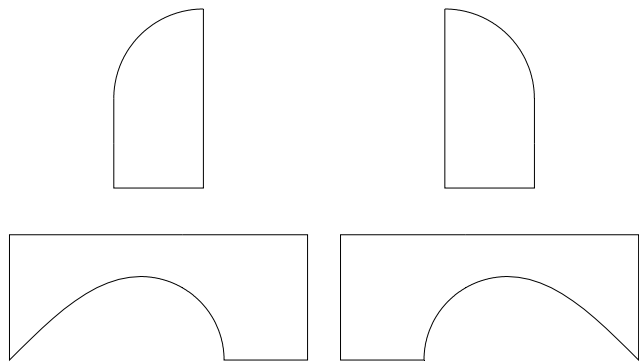
Round



Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Depth	Six Parts Right Lap=None	C2=None
C=Angle	Vee Depth Female=0.000	C3=None
D=Length	Vee Angle Female=30.000	
E=Front Hole Diameter	Allowance=Left	
F=Six Parts Left Height		
G=Six Parts Right Height		
H=Pipe Diameter		
I=Turnover Allowance		

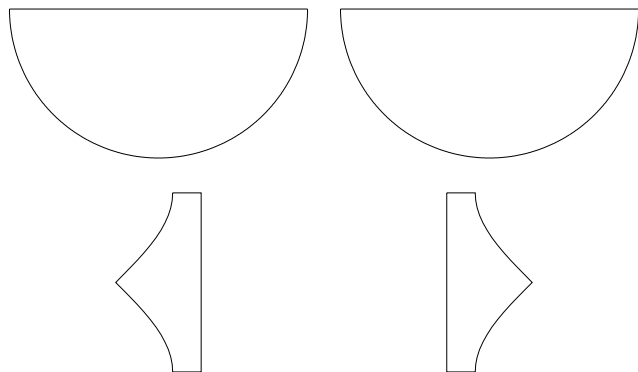
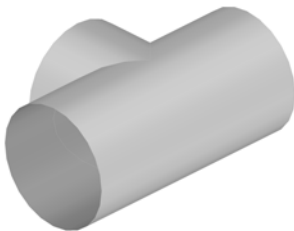
Seams
S1=None

Damper:



Pattern: 319

Round



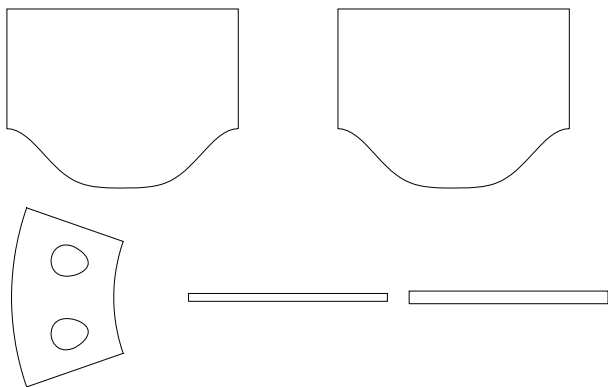
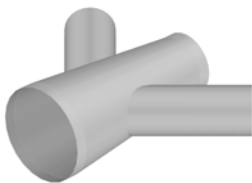
Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Length	Six Parts Right Lap=None	C2=None
C=Front Hole Diameter	Seam Position=Left	C3=None
D=Six Parts Left Height		
E=Six Parts Right Height		
F=Pipe Diameter		
G=Turnover Allowance		

Seams
S1=None

Damper:

Pattern: 323

Round



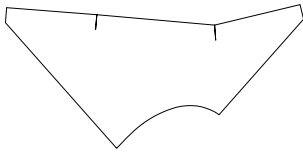
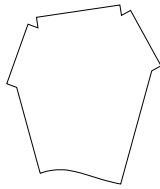
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=180.000	
G=Angle #1	Diameter Type BE=Nominal	
H=Inset #1	Diameter Type SE=Nominal	
I=Extension #1	Branch Diameter Type=Nominal	
J=Branch Diameter #2	Branch Diameter Type=Nominal	
K=Angle #2	Hole Adjust=0.000	
L=Inset #2	Branch Allowance To Pipe=0.000	
M=Extension #2	Branch Seam Position=0.000	
	Throat Cut Back (Degrees)=0.000	
	Cut Back Allowance (%)=0.000	
	End Castle Width=0.000	
	End Castle Angle=30.000	

Seams
S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 324

Rectangular/Round



Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Length Break=1	C2=None
C=Diameter	Diameter Type=Nominal	
D=Offset Width	Seam Position=Width	
E=Offset Depth	Marker Type=Notch	
F=Extension	Offset Width=Left In	
G=Collar	Offset Depth=Bottom Up	
H=Round Angle	Inlet=1	
I=Twist Angle	Outlet=2	
J=Inner Radius	Fold Notch Depth=Full Allowance	
K=Corner Radius	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

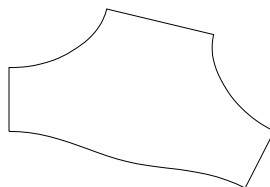
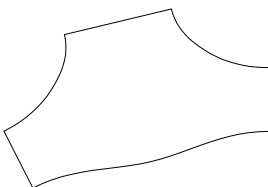
Seams

S1=None

Damper: None

Pattern: 325

Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Left Angle	2 Parts=Yes	
E=Right Angle		
F=Left Length		
G=Right Length		
H=Bottom Collar		
I=Left Collar		
J=Right Collar		

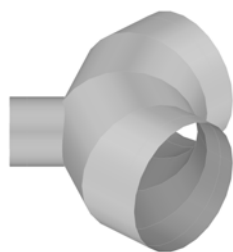
Seams

S1=None

Damper:

Pattern: 326

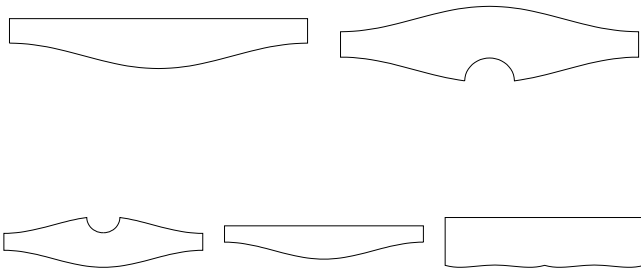
Round



Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Pipe Diameter Type=Nominal	C3=None
D=Bottom Extension	Branch Diameter Type=Nominal	C4=None
E=Top Extension	Marker Type=Notch	
F=Branch Diameter	Tap Segment=2	
G=Branch Length	Branch Allowance To Pipe=0.000	
H=Branch Angle	Full Intersections=No	
I=Branch Extension		
J=X-Offset		
K=Y-Offset		
L=Branch Inset		

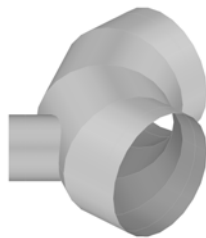
Seams
S1=None
S2=None

Damper:



Pattern: 327

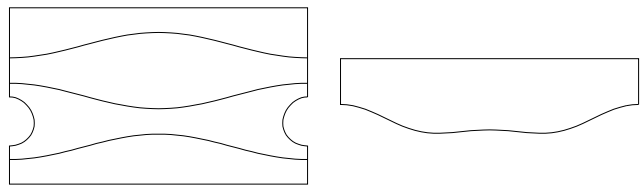
Round



Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Single Segments=No	C3=None
D=Bottom Extension	Pipe Diameter Type=Nominal	C4=None
E=Top Extension	Branch Diameter Type=Nominal	
F=Branch Diameter	Marker Type=Notch	
G=Branch Length	Tap Segment=2	
H=Branch Angle	Branch Allowance To Pipe=0.000	
I=Branch Extension	Full Intersections=No	
J=X-Offset		
K=Y-Offset		
L=Branch Inset		

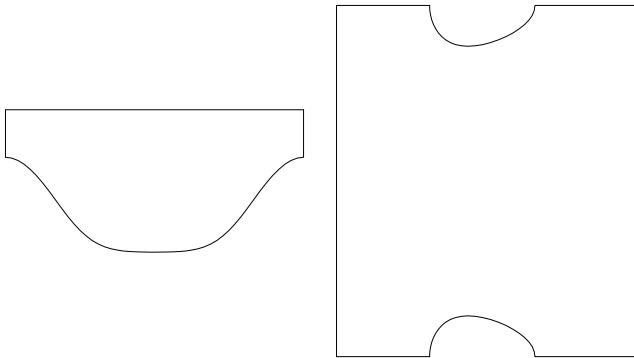
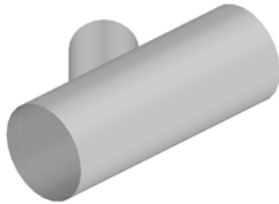
Seams
S1=None
S2=None

Damper:



Pattern: 336

Round



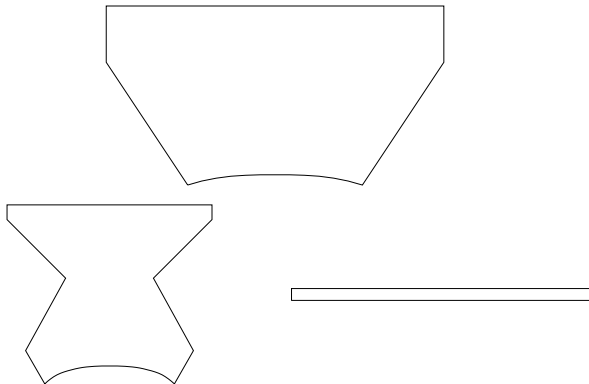
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch Length #1	Pipe Diameter Type=Nominal	
G=Angle #1	Branch Diameter Type=Nominal	
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	
	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	

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 338

Rectangular/Round



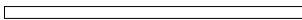
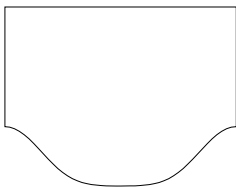
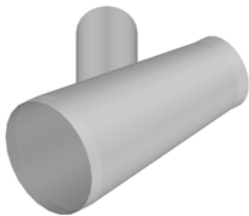
Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Marker Type=Notch	C2=None
C=Diameter		
D=Length		
E=Extension		
F=End Height		
G=Offset		
H=Collar		
I=Bottom Chamfer		
J=Back Chamfer		

Seams
S1=None
S2=None

Damper:

Pattern: 341

Round



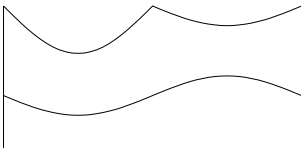
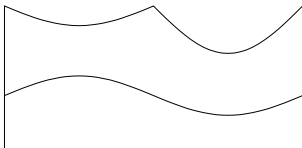
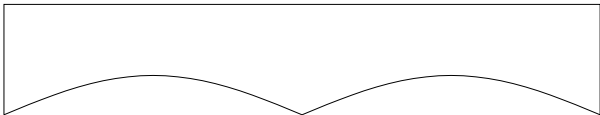
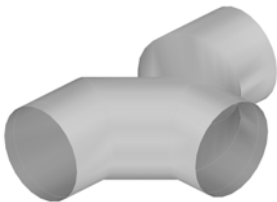
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=90.000	
G=Angle #1	Diameter Type BE=Nominal	
H=Inset #1	Diameter Type SE=Nominal	
I=Extension #1	Branch Diameter Type=Nominal	
	Hole Adjust=0.000	
	Branch Allowance To Pipe=0.000	
	Branch Seam Position=0.000	
	Throat Cut Back (Degrees)=0.000	
	Cut Back Allowance (%)=0.000	
	End Castle Width =0.000	
	End Castle Angle=30.000	

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 344

Round



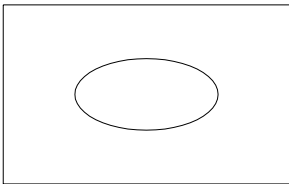
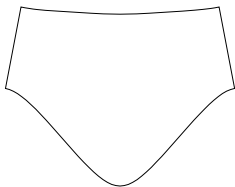
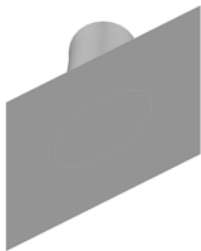
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length In	Single Segments=No	C2=None
C=Length Out	Marker Type=Notch	C3=None
D=X-Offset		C4=None
E=Y-Offset		C5=None
F=Extension In		
G=Extension Out		

Seams
S1=None

Damper:

Pattern: 345

Round



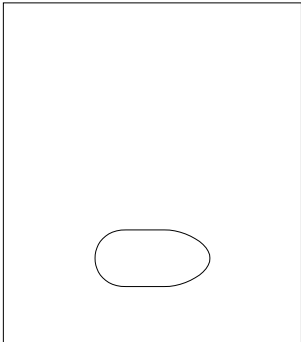
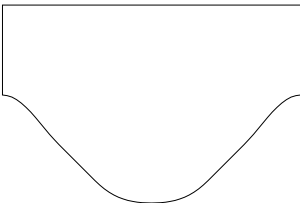
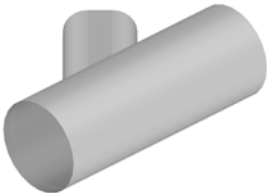
Dims	Options	Conn's
A=Hole Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Plate Parts=1	C2=None
C=Length	Seam Position=0.000	
D=Angle	Hole Type=Oval	
E=Plate Width	Hole Adjust=0.000	
F=Plate Depth	Diameter Type=Nominal	
G=Offset Width	Turnover=0.000	
H=Offset Depth	Item Pattern Length/Angle=Length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

Seams
S1=None
S2=None

Damper: None

Pattern: 355

Round



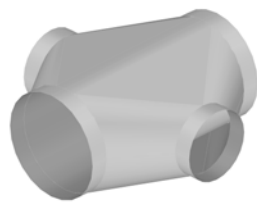
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Diameter Type=Nominal	C3=None
D=Right Extension	Branch Diameter Type=Nominal	
E=Branch Width #1	Seam Position=0.000	
F=Branch Depth #1	Branch Allowance To Pipe=0.000	
G=Branch Length #1	True Oval Straight=No	
H=Angle #1		
I=Inset #1		
J=Extension #1		

Seams
S1=None
S2=None

Damper:

Pattern: 379

Round

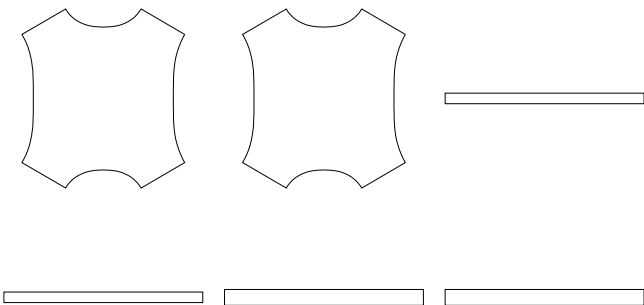


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter	Hole Adjust=0.000	
E=Branch Length	Round Allowance To Pipe=0.000	
F=Angle	Flat Allowance To Pipe=0.000	
G=Collar	Seam Position=0.000	
	Pipe Parts=1	
	Branch Parts=2	
	Connector Fold Notch=Full Allowance	
	Inlet=1	
	Outlet=2	

Seams

S1=None

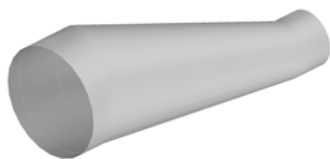
S2=None



Damper:

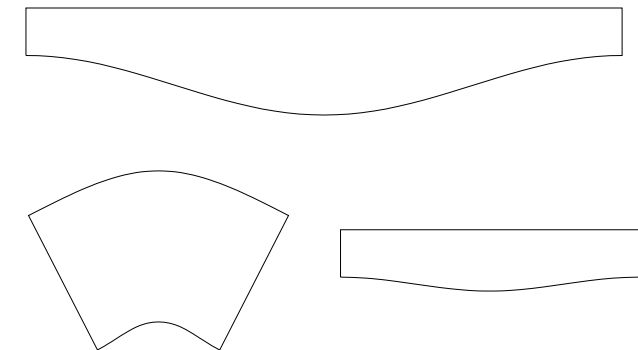
Pattern: 380

Round



Dims	Options	Conn's
A=Left Diameter	Seam Position=0.000	C1=None
B=Right Diameter	Left Diameter Type=Nominal	C2=None
C=Length	Right Diameter Type=Nominal	C3=None
D=Offset	Cross Break=1	
E=Left Extension	Marker Type=Notch	
F=Right Extension	Seam Position=Angled	
G=Left Collar		
H=Right Collar		

Seams
S1=None



Damper: None
None

Pattern: 381

Round



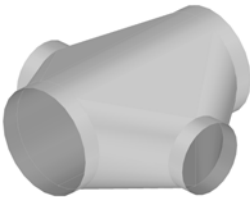
Dims	Options	Conn's
A=Diameter B=Length	Diameter Type=Nominal Stitch Gap=0.000 Number Of Stitches=4	

Seams
S1=None

Damper:

Pattern: 383

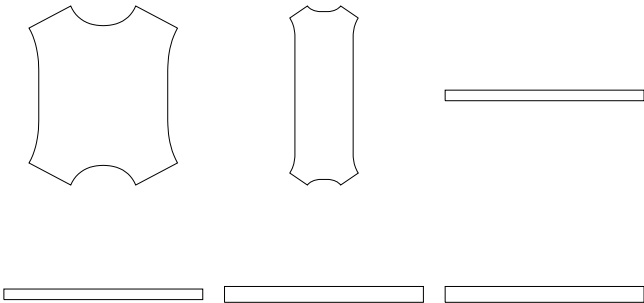
Round



Dims	Options	Conn's
A=Pipe Diameter B=Pipe Length C=Left Extension D=Branch Diameter E=Branch Length F=Angle G=Collar	Pipe Diameter Type=Nominal Branch Diameter Type=Nominal Branch Diameter Type=Nominal Hole Adjust=0.000 Round Allowance To Pipe=0.000 Flat Allowance To Pipe=0.000 Seam Position=0.000 Pipe Parts=1 Branch Parts=2 Connector Fold Notch=Full Allowance Inlet=1 Outlet=2	C1=None C2=None C3=None

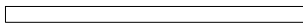
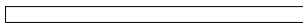
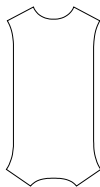
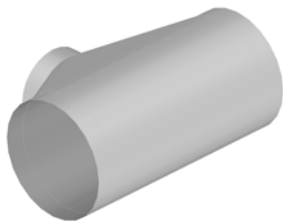
Seams
S1=None S2=None

Damper:



Pattern: 384

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter	Hole Adjust=0.000	
E=Branch 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	
	Inlet=1	
	Outlet=2	

Seams

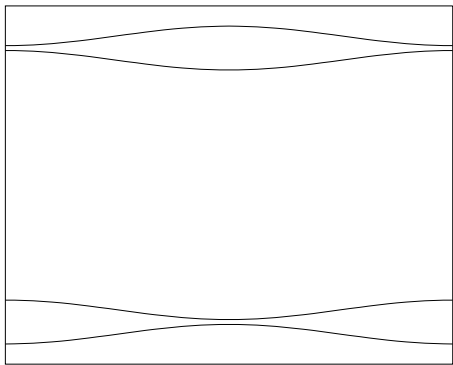
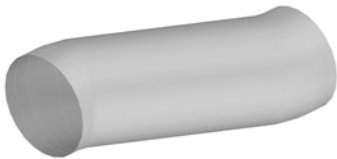
S1=None

S2=None

Damper:

Pattern: 386

Round



Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Single Segments=No	C2=None
C=Offset	Diameter Type=Nominal	C3=None
D=Left Collar	Cross Break=1	
E=Right Collar	Marker Type=Notch	
F=Inner Radius	Seam Position=Angled	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Seam Cuts=Straight	

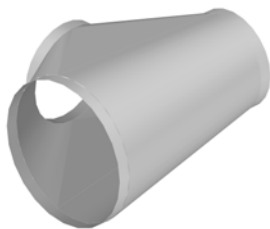
Seams

S1=None

Damper: None
None

Pattern: 387

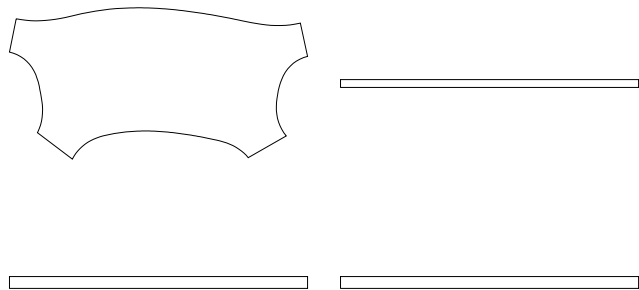
Round



Dims	Options	Conn's
A=Left Diameter	Left Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Pipe Length	Branch Diameter Type=Nominal	C3=None
D=Y-Offset	Marker Notches=No	
E=X-Offset		
F=Left Collar		
G=Right Collar		
H=Branch Diameter		
I=Branch Length		
J=Offset		
K=Collar		

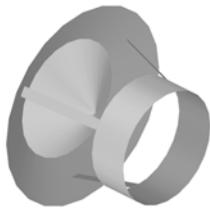
Seams
S1=None

Damper:



Pattern: 388

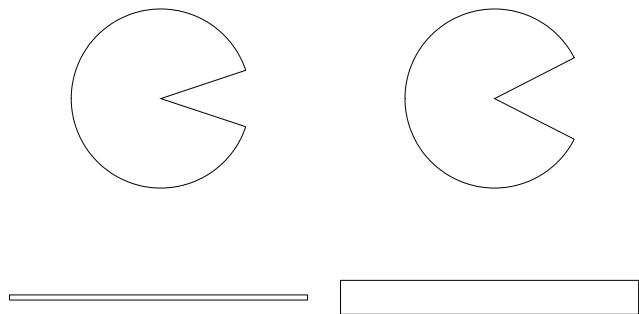
Round



Dims	Options	Conn's
A=Outer Diameter	Number Of Struts=3	C1=None
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	

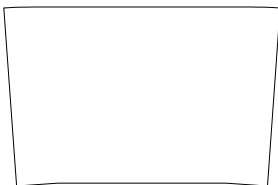
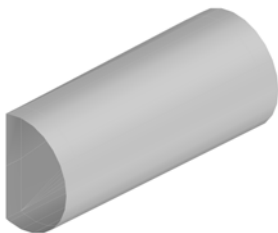
Seams
S1=None

Damper:



Pattern: 391

Round

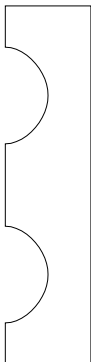
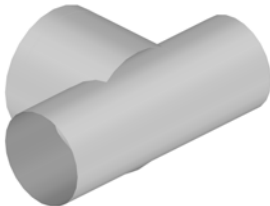


Dims	Options	Conn's
A=Diameter	2 Parts=No	C1=None
B=Length	Vee Notch Angle=20.000	C2=None
C=Slice Depth	Vee Notch Depth (C1)=0.000	C3=None
D=Left Collar	Vee Notch Depth (C2)=0.000	
E=Right Collar	Seam For Weathering=No	
	Slice Full Length=No	
	Seam Position=Top	
	Notch Corners=No	
	Notch Connectors=No	
	Draw C1=No	
	Draw C2=No	
		Seams
		S1=None

Damper:

Pattern: 392

Round

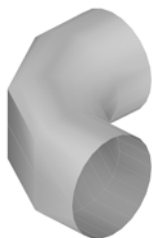


Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter #1	First Break=0.000	
C=Branch Length #1	Second Break=0.000	
D=Angle #1	Third Break=0.000	
E=Offset #1	Seam Position=0.000	
F=Extension #1	Pipe Diameter Type=Nominal	
	Branch Diameter Type=Nominal	
	Hole Adjust=0.000	
	Branch Allowance To Pipe=0.000	
	Cut Back Allowance (%)=0.000	
	Use Pipe Seam For Branches=No	
	Plate Border (Length)=Auto	
		Seams
		S1=None

Damper: None

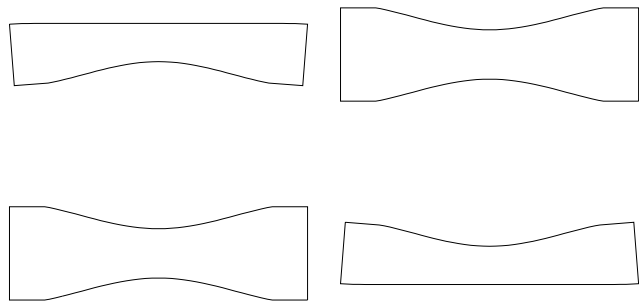
Pattern: 393

Round



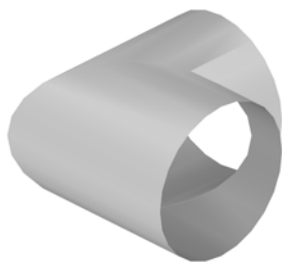
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Start Segment=2	C2=None
C=Angle	End Segment=3	C3=None
D=Bottom Extension	Leg Lengths=No	
E=Top Extension	Length Includes Extensions=No	
F=Slice Depth	Seam Position=Top	
G=Slice Angle	2 Parts=No	
	Notch Corners=No	
	Notch Connectors=No	
	Draw C2=No	
	Draw C3=No	
		Seams
		S1=None

Damper:



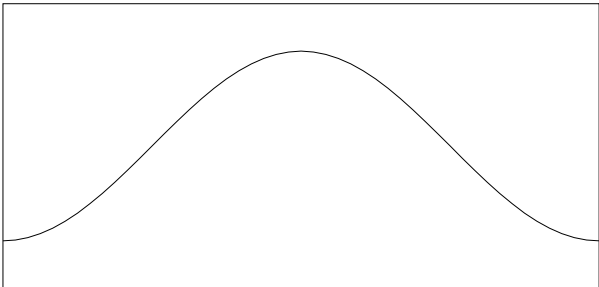
Pattern: 394

Round



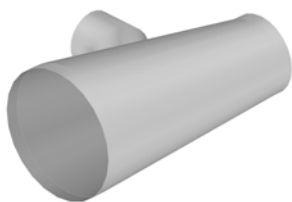
Dims	Options	Conn's
A=Bottom Diameter	Seam Position=0.000	C1=None
B=Top Diameter	Bottom Diameter Type=Nominal	C2=None
C=Angle	Top Diameter Type=Nominal	
D=Bottom Extension	Turnover=0.000	
E=Top Extension	Splitters=No	
	Splitter Adjust=0.000	
	2 Parts=No	
	Splitters=4	
		Seams
		S1=None

Damper:



Pattern: 395

Round

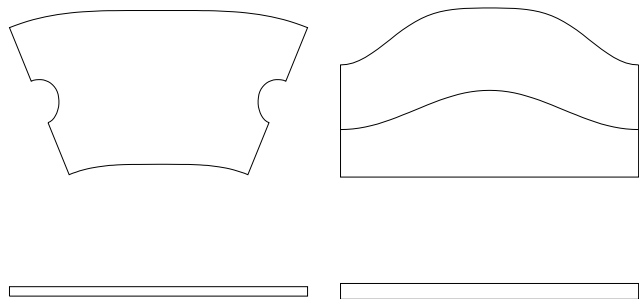


Dims	Options	Conn's
A=Left Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	Seam Position=On Hole	C3=None
D=Y-Offset	Diameter Type BE=Nominal	C4=None
E=Left Collar	Diameter Type SE=Nominal	
F=Right Collar	Branch Diameter Type=Nominal	
G=Branch Diameter	Hole Adjust=0.000	
H=Branch Length	Branch Allowance To Pipe=0.000	
I=Angle	Throat Cut Back (Degrees)=0.000	
J=Inset	Branch Inset=Front	
K=Extension		
L=Collar		

Seams

S1=None

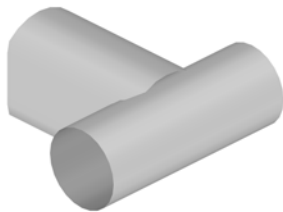
S2=None



Damper:

Pattern: 398

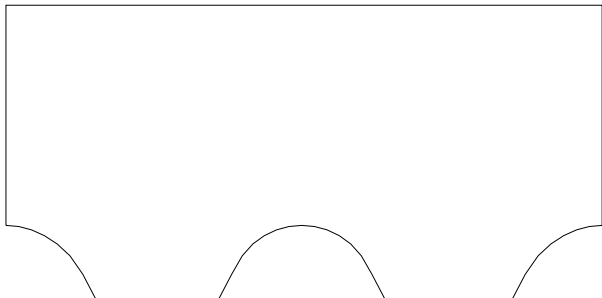
Round



Dims	Options	Conn's
A=Branch Diameter	Seam Position=Right	C1=None
B=Pipe Diameter	Pipe Diameter Type=Nominal	
C=Branch 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	

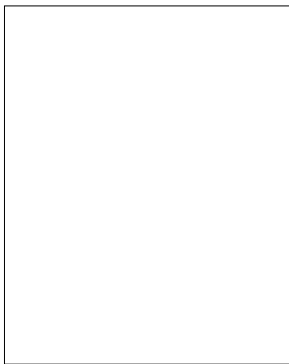
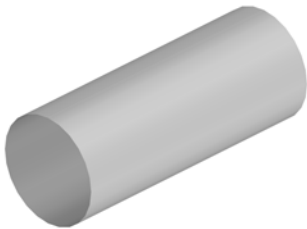
Seams
S1=None

Damper:



Pattern: 413

Round



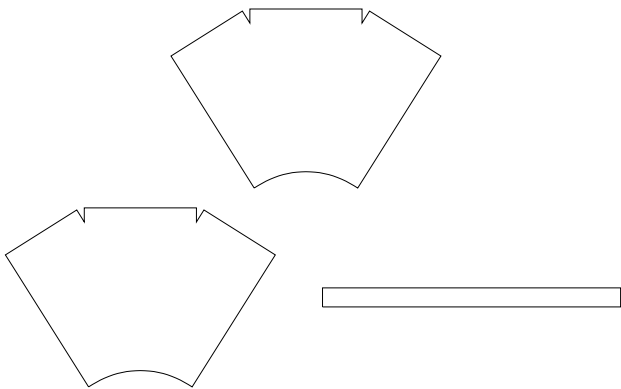
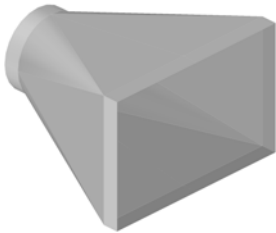
Dims	Options	Conn's
A=d	Seam Position=0.000	C1=None
B=l	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	
D=Right Extension	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 450

Rectangular/Round



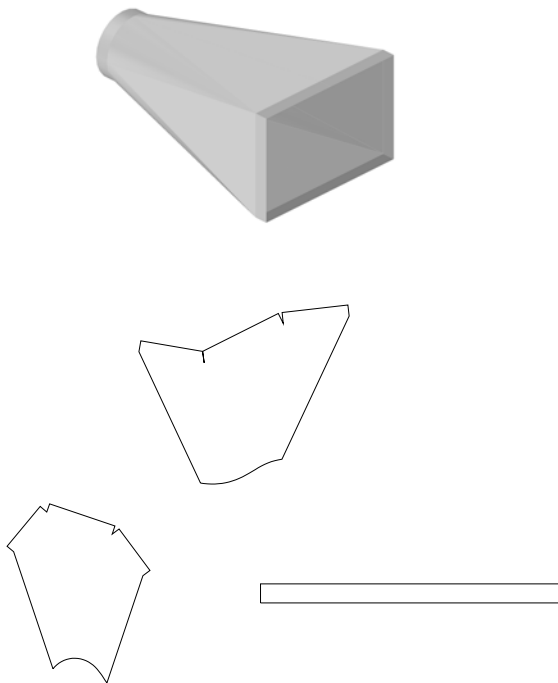
Dims	Options	Conn's
A=a	Cross Break=2	C1=None
B=b	Length Break=1	C2=None
C=d	Diameter Type=Nominal	
D=h	Seam Position=Width	
E=m	Marker Type=Notch	
F=l	Offset Width=Left In	
G=Corner Radius	Offset Depth=Bottom Up	
	Inlet=1	
	Outlet=2	
	Fold Notch Depth=Full Allowance	
	V Notch Rectangular Extension=No	
	Seam Cut Back=None	
	Cut Back Allowance (%)=50.000	
	2 Parts 90 Degrees Seam=No	

Seams
S1=None

Damper: None

Pattern: 451

Rectangular/Round



Dims	Options	Conn's
A=a	Cross Break=2	C1=None
B=b	Length Break=1	C2=None
C=d	Diameter Type=Nominal	
D=e	Seam Position=Width	
E=f	Marker Type=Notch	
F=h	Offset Width=Left In	
G=m	Offset Depth=Bottom Up	
H=l	Inlet=1	
I=Corner Radius	Outlet=2	
	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	

Seams
S1=None

Damper: None

Pattern: 509

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Install Type=Plain	C1=None
B=Length	Sex Type=Male	C2=None
C=Inset	Control Type=None	
D=Sides	Type=Single	
E=Top	Draw Type=None	
F=Bottom	Temperature Type=None	
G=Oval Depth	Draw Type=None	
	Lines=No	
	Cost Supports=No	
	Lines Type=Quantity	
	Lines=3.000	

Seams

Damper:

Pattern: 522

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 523

Round/Equipment



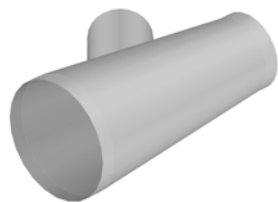
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Angle Tolerance=0.000	C3=None
D=Bottom Extension	Mark Sides=No	
E=Top Extension	Leg Lengths=No	
	Fixing Holes On Extension=Yes	
	Square Outer Insulation=No	
	Outer Insulation Extensions=No	
	Develop=No	

Seams
S1=None

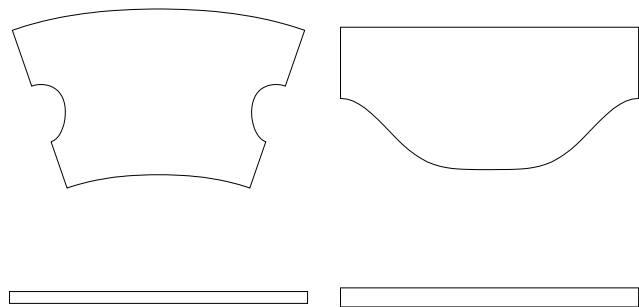
Damper: None
None

Pattern: 524

Round



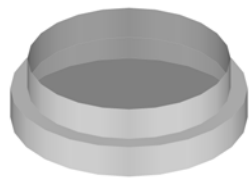
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Seam Position=On Hole	C3=None
D=Y-Offset	Diameter Type BE=Nominal	
E=Left Extension	Diameter Type SE=Nominal	
F=Right Extension	Branch Diameter Type=Nominal	
G=Branch Diameter	Hole Adjust=0.000	
H=Branch Length	Branch Allowance To Pipe=0.000	
I=Angle	Throat Cut Back (Degrees)=0.000	
J=Inset		
K=Extension		
Seams		
S1=None		
S2=None		



Damper:

Pattern: 530

Round/Flat Oval/Equipment

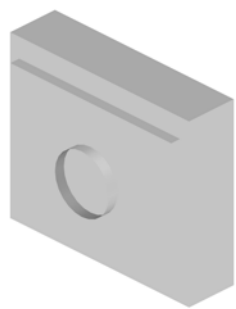


Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Extension includes Diameter=No	C2=None
C=Length	Type=None	
D=Offset	Circles=0	
E=Oval Depth	Cost Supports=No	
Seams		
S1=None		

Damper:

Pattern: 533

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Install Type=Plain	C1=None
B=Width	Sex Type=Male	C2=None
C=Depth	Control Type=None	
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	Cost Supports=No	
J=Collar	Lines Type=Quantity	
K=Right Collar	Lines=3.000	
L=Oval Depth		

Seams

Damper:

Pattern: 555

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Type=Plain	C1=None
B=Collar	Sex Type=Male	C2=None
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=None

Damper:

Pattern: 556

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Draw Type=Plain	C2=None
C=Length	Lines Type=Quantity	
D=Offset	Lines=3.000	
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 557

Round/Flat Oval/Equipment



Dims	Options	Conn's
A=Diameter	Type=Plain	C1=None
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

Damper:

Pattern: 580

Round



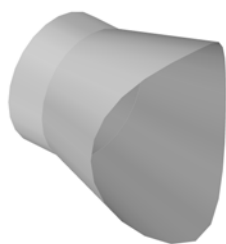
Dims	Options	Conn's
A=Width	Pipe Diameter Type=Nominal	C1=None
B=Branch Width #1	Branch Diameter Type=Nominal	C2=None
C=Branch Depth #1	Outline Only=Yes	C3=None
D=Panel Depth	Show Duct=No	
E=Handle Top Diameter	Handle Points=6	
F=Handle Bottom Diameter		
G=Handle Top Length		
H=Handle Bottom Length		
I=Handle Inset		

Seams
S1=None
S2=None

Damper:

Pattern: 751

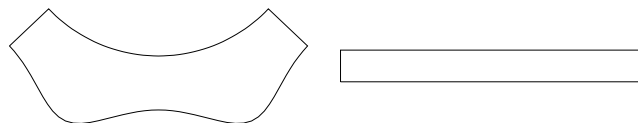
Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Seam Position=0.000	C2=None
C=Branch Length	Pipe Diameter Type=Nominal	C3=None
D=Angle	Branch Diameter Type=Nominal	
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	
	Plate Border (Width)=Auto	
	Reducer Parts=1	

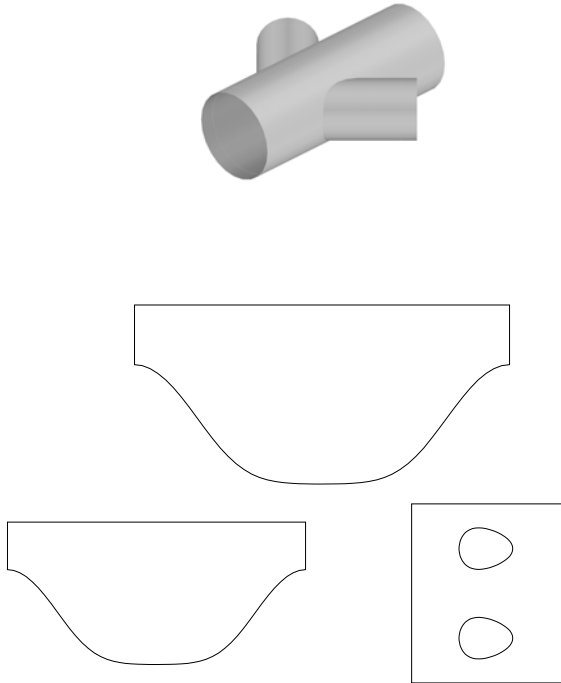
Seams
S1=None
S2=None

Damper: None
None
None



Pattern: 807

Round/Fabrication



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
K=Extension #1	Branch Allowance To Pipe=0.000	
L=Branch Diameter #2	Branch Seam Position=0.000	
M=Branch Length #2	Throat Cut Back (Degrees)=0.000	
N=Angle #2	Plate Border (Circumference)=0.000	
O=Inset #2	Plate Type=Rectangular	
P=Offset #2	Cut Back Allowance (%)=0.000	
Q=Rotation #2	Use Pipe Seam For Branches=No	
R=Extension #2	Plate Border (Length)=Auto	
	End Castle Width =0.000	
	End Castle Angle=30.000	

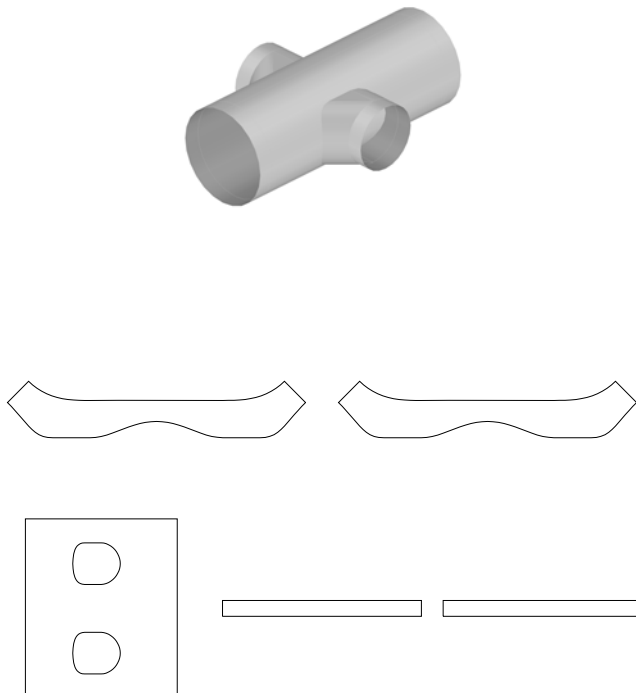
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 808

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Seam Position=0.000	C3=None
D=Right Extension	Branch Seam Position=Throat	C4=None
E=Branch Diameter	Pipe Diameter Type=Nominal	
F=Branch 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	
K=Collar	Plate Border=0.000	
L=Branch Diameter	Plate Type=Rectangular	
M=Branch Length	Plate Border (Width)=Auto	
N=Angle	Inset=Front	
O=Inset		
P=Offset		
Q=Rotation		
R=Collar		

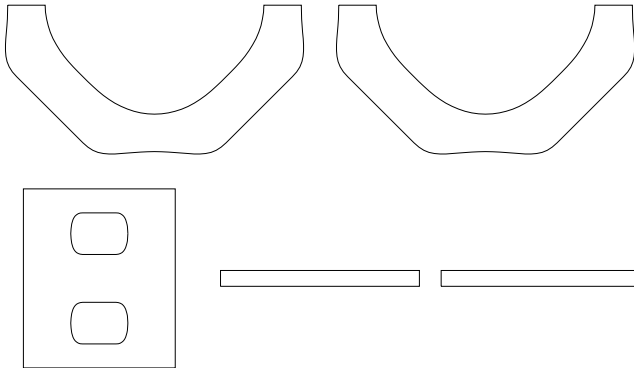
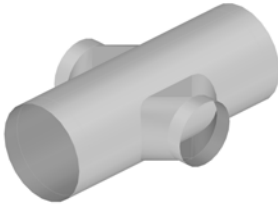
Seams

S1=None
S2=None
S3=None

Damper: None
None

Pattern: 809

Round



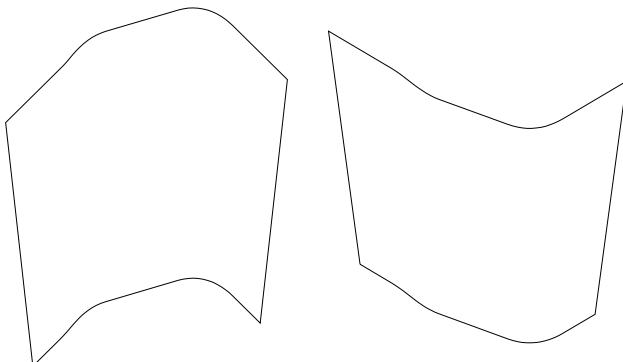
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	C4=None
E=Branch Diameter	Branch Diameter Type=Nominal	
F=Branch Length	Branch Diameter Type=Nominal	
G=Angle	Branch 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=Branch Diameter		
M=Branch Length		
N=Angle		
O=Inset		
P=Offset		
Q=Rotation		
R=Collar		

Seams
S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 810

Rectangular/Round



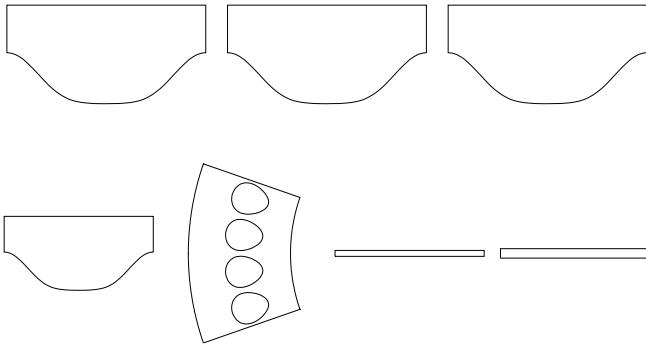
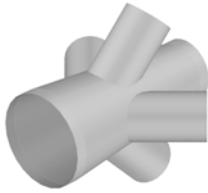
Dims	Options	Conn's
A=Width In	Cross Break=2	C1=None
B=Depth In		C2=None
C=Radius In		
D=Width Out		
E=Depth Out		
F=Radius Out		
G=Length		
H=Angle In		
I=Angle Out		
J=Offset Width		
K=Offset Depth		
L=Extension In		
M=Extension Out		

Seams
S1=None

Damper:

Pattern: 811

Round



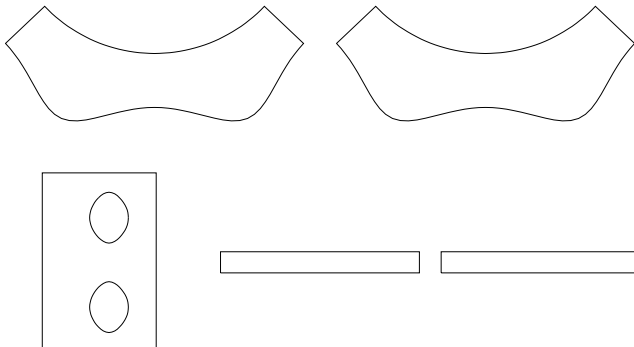
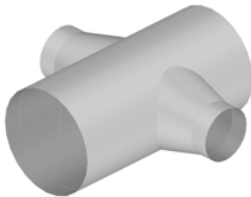
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	C5=None
F=Branch Diameter #1	Seam Position=45.000	C6=None
G=Branch Length #1	Diameter 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	Branch Diameter Type=Nominal	
M=Branch Diameter #2	Hole Adjust=0.000	
N=Branch Length #2	Branch Allowance To Pipe=0.000	
O=Angle #2	Branch Seam Position=0.000	
P=Inset #2	Throat Cut Back (Degrees)=0.000	
Q=Offset #2	Cut Back Allowance (%)=0.000	
R=Rotation #2	End Castle Width =0.000	
S=Extension #2	End Castle Angle=30.000	
T=Branch Diameter #3		
U=Branch Length #3		
V=Angle #3		
W=Inset #3		
X=Offset #3		
Y=Rotation #3		
Z=Extension #3		
a=Branch Diameter #4		
b=Branch Length #4		

Seams

S1=None
S2=None
S3=None
S4=None
S5=None
Damper: None
None
None
None
None
None

Pattern: 812

Round/Fabrication



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	C4=None
E=Branch Diameter	Branch Diameter Type=Nominal	
F=Branch 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=Branch Diameter	Plate Type=Rectangular	
L=Branch Length	Input=Angle	
M=Angle	Plate Border (Width)=Auto	
N=Inset	Reducer Parts=1	
O=Rotation		
P=Collar		
Q=Btm Width		
R=Btm Width		

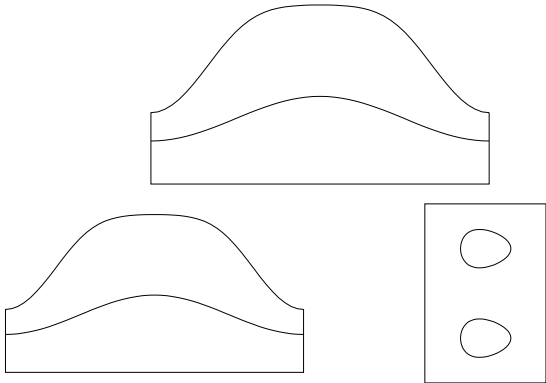
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 814

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	C5=None
F=Branch Length	Seam Position=0.000	C6=None
G=Angle	Pipe Diameter Type=Nominal	
H=Inset	Branch Diameter Type=Nominal	
I=Offset	Branch Diameter Type=Nominal	
J=Rotation	Hole Adjust=0.000	
K=Extension	Branch Allowance To Pipe=0.000	
L=Collar	Throat Cut Back (Degrees)=0.000	
M=Branch Diameter	Reducer Parts=1	
N=Branch Length	Branch Inset=Front	
O=Angle		
P=Inset		
Q=Offset		
R=Rotation		
S=Extension		
T=Collar		

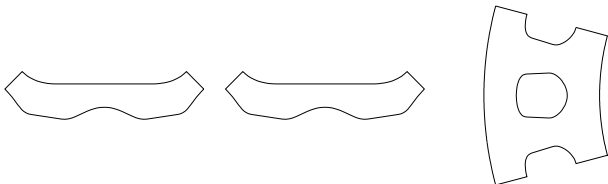
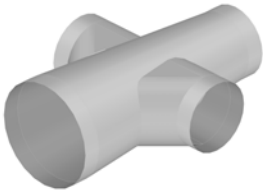
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 815

Round

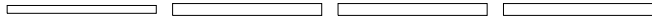


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	C4=None
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch Length	Branch 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=Branch Diameter		
N=Branch Length		
O=Angle		
P=Inset		
Q=Offset		
R=Rotation		
S=Collar		

Seams

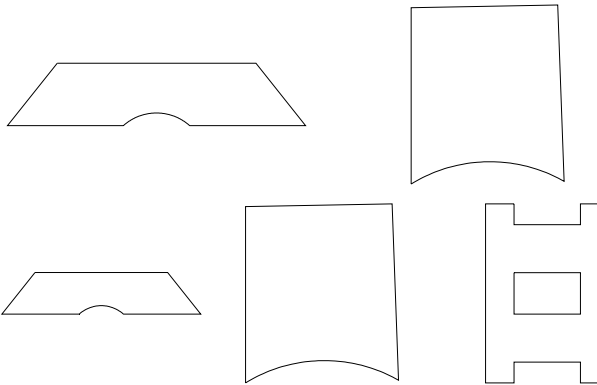
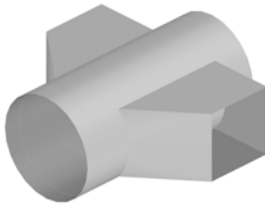
S1=None
S2=None
S3=None

Damper: None
None
None
None



Pattern: 817

Round



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

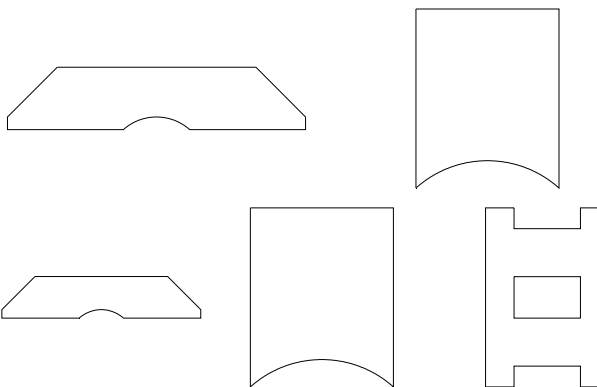
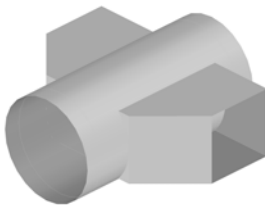
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 818

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	C4=None
E=Branch Width #1	Branch Parts=2	C5=None
F=Branch Depth #1	First Break=0.000	
G=Branch Length #1	Second Break=0.000	
H=Branch Angle #1	Third Break=0.000	
I=Branch Inset #1	Pipe Seam Position=270.000	
J=Branch Offset #1	Hole Adjust=0.000	
K=Branch Rotation #1	Plate Border=0.000	
L=Branch Extension #1	Throat Clearance=0.000	
M=Branch Width #2	Castle Width=0.000	
N=Branch Depth #2	Castle Angle=30.000	
O=Branch Length #2	Plate Border (Width)=Auto	
P=Branch Angle #2	Length Includes Throat Clearance=No	
Q=Branch Inset #2		
R=Branch Offset #2		
S=Branch Rotation #2		
T=Branch Extension #2		
U=Reducer Diameter		
V=Reducer Length		

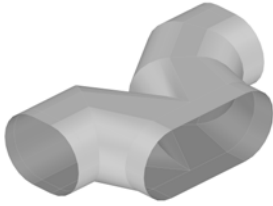
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 820

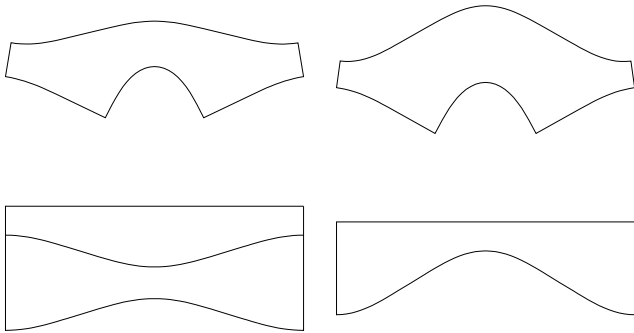
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

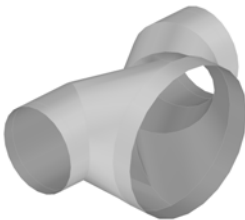
Seams
S1=None

Damper:



Pattern: 821

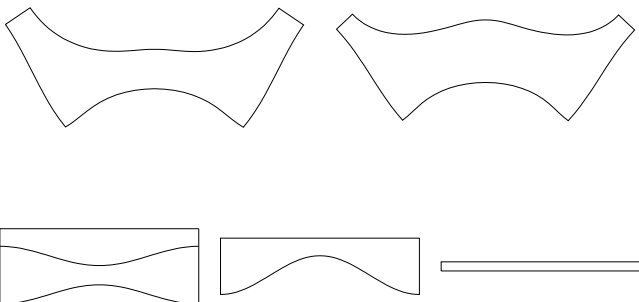
Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Left Diameter	Left Diameter Type=Nominal	C3=None
D=Right Radius	Number Of Segments=2	C4=None
E=Left Radius	Number Of Segments=1	C5=None
F=Right Angle	Single Segments=No	C6=None
G=Left Angle	Marker Type=Notch	
H=Bottom Extension		
I=Right Extension		
J=Left Extension		

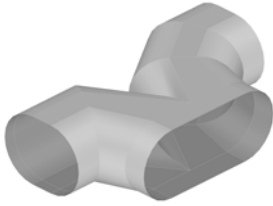
Seams
S1=None

Damper:



Pattern: 822

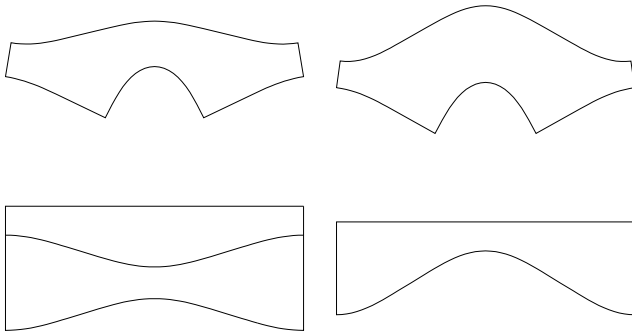
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

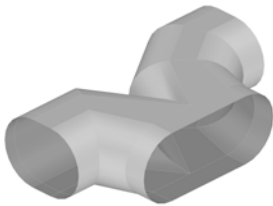
Seams
S1=None

Damper:



Pattern: 823

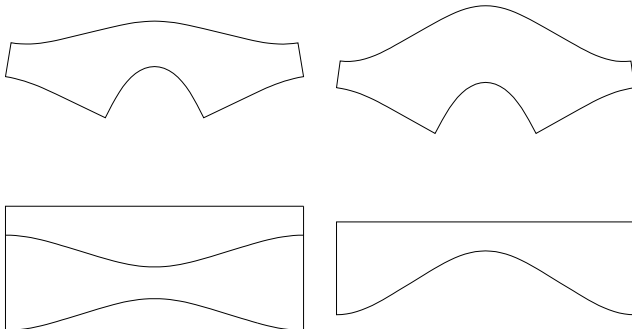
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

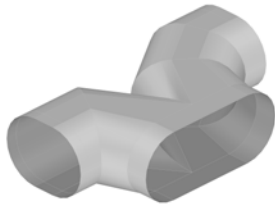
Seams
S1=None

Damper:



Pattern: 824

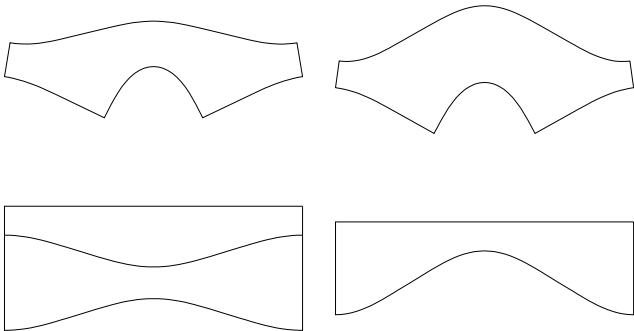
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Radius	Single Segments=No	
H=Left Radius	Marker Type=Notch	
I=Right Angle		
J=Left Angle		
K=Bottom Extension		
L=Right Extension		
M=Left Extension		

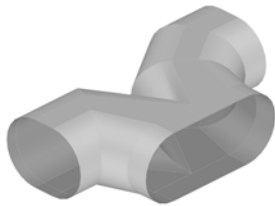
Seams
S1=None

Damper:



Pattern: 825

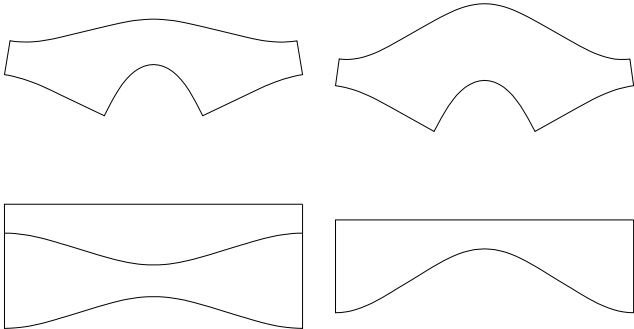
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Right Diameter Type=Nominal	C2=None
C=Right Width	Left Diameter Type=Nominal	C3=None
D=Right Depth	Number Of Segments=2	C4=None
E=Left Width	Number Of Segments=1	C5=None
F=Left Depth	Single Segments=No	C6=None
G=Right Radius	Marker Type=Notch	
H=Left Radius		
I=Right Angle		
J=Left Angle		
K=Bottom Extension		
L=Right Extension		
M=Left Extension		

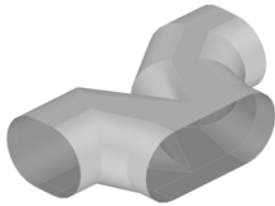
Seams
S1=None

Damper:



Pattern: 826

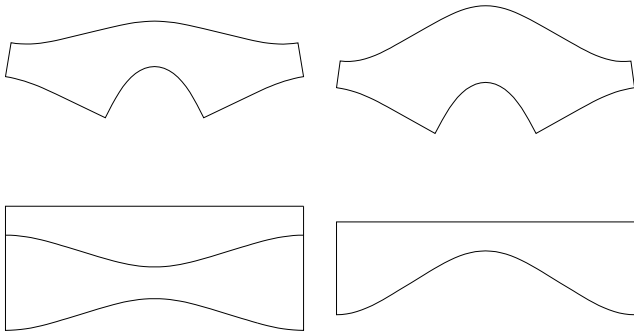
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Right Radius	Marker Type=Notch	
I=Left Radius		
J=Right Angle		
K=Left Angle		
L=Bottom Extension		
M=Right Extension		
N=Left Extension		

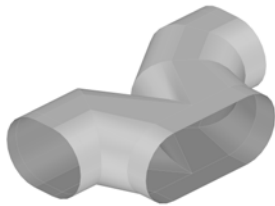
Seams
S1=None

Damper:



Pattern: 827

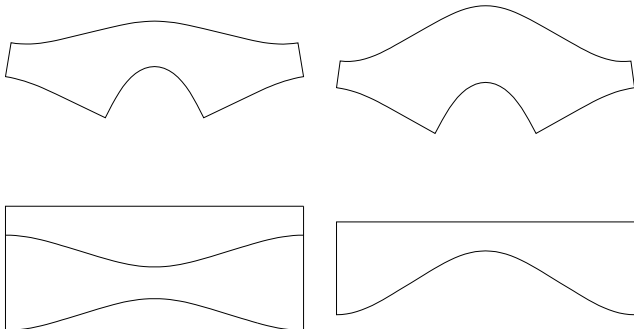
Round/Flat Oval



Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right Height	Single Segments=No	
H=Left Height	Marker Type=Notch	
I=Right Radius		
J=Left Radius		
K=Right Angle		
L=Left Angle		
M=Bottom Extension		
N=Right Extension		
O=Left Extension		

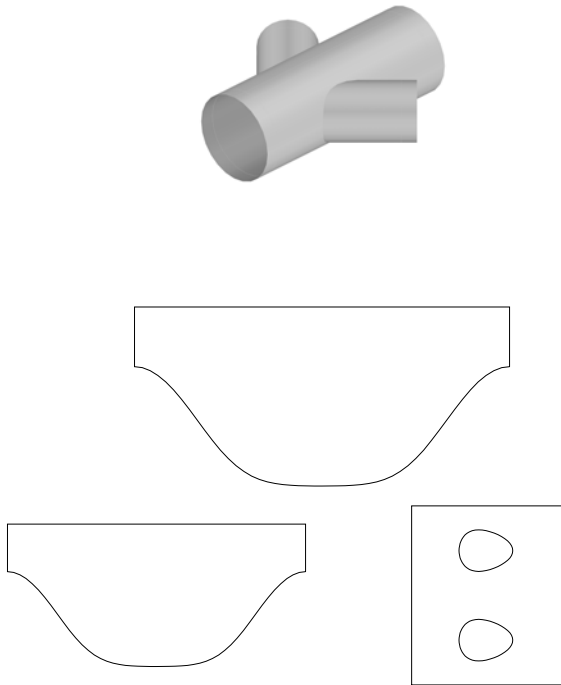
Seams
S1=None

Damper:



Pattern: 830

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch 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	
K=Extension #1	Branch Seam Position=0.000	
L=Branch Diameter #2	Throat Cut Back (Degrees)=0.000	
M=Branch Length #2	Plate Border (Circumference)=0.000	
N=Angle #2	Plate Type=Rectangular	
O=Inset #2	Cut Back Allowance (%)=0.000	
P=Offset #2	Use Pipe Seam For Branches=No	
Q=Rotation #2	Plate Border (Length)=Auto	
R=Extension #2	End Castle Width =0.000	
S=Branch Diameter #3	End Castle Angle=30.000	
T=Branch Length #3		
U=Angle #3		
V=Inset #3		
W=Offset #3		
X=Rotation #3		
Y=Extension #3		
Z=Branch Diameter #4		
a=Branch Length #4		
b=Angle #4		

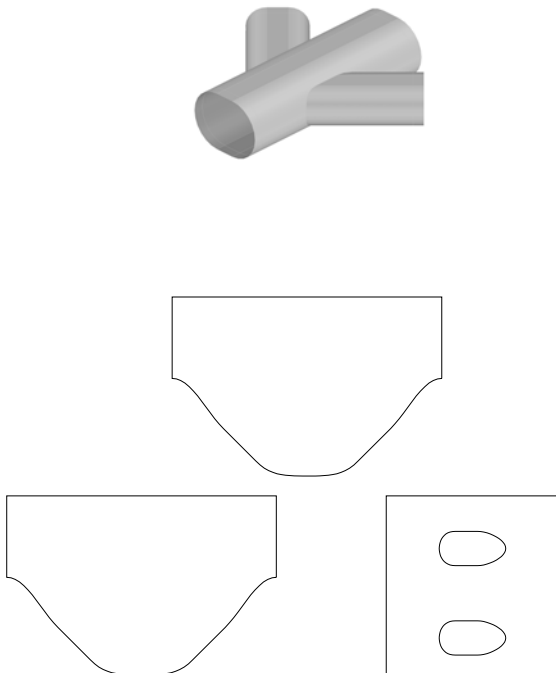
Seams

S1=None
S2=None

Damper: None
None
None

Pattern: 831

Round/Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
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=Branch Length #1		
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=Branch Length #2		
Q=Angle #2		
R=Inset #2		
S=Offset #2		
T=Rotation #2		
U=Extension #2		

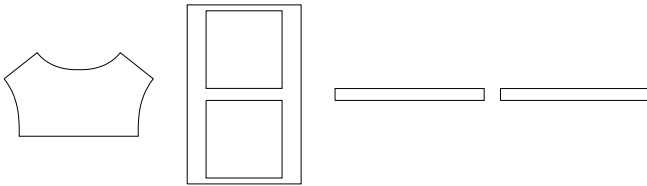
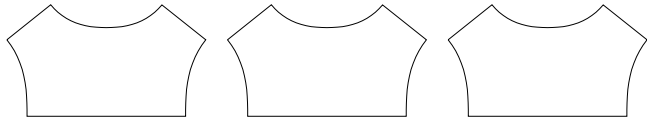
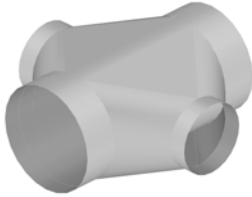
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 832

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch 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=Branch Diameter	Inlet=1	
M=Branch Length	Outlet=2	
N=Angle		
O=Angle		
P=Inset		
Q=Offset		
R=Collar		

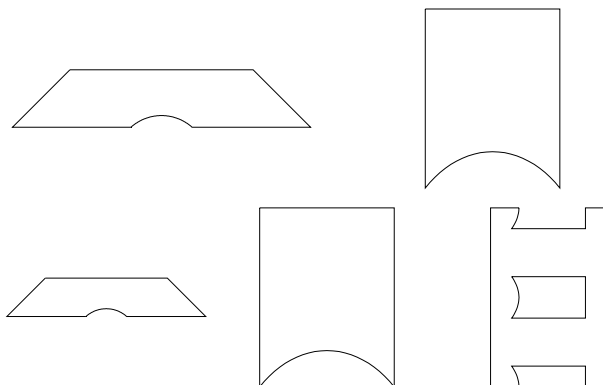
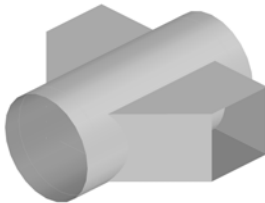
Seams

S1=None
S2=None

Damper:

Pattern: 837

Round



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

Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 838

Round/Standard/Equipment

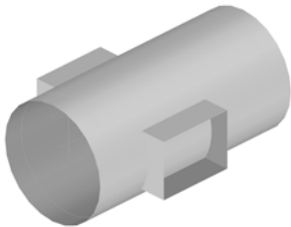


Dims	Options	Conn's
A=Diameter	Type=Profiled Bearer	C1=None
B=Bearer Extn	Profile=Round	C2=None
C=Left Angle	Pipework=No	C3=None
D=Right Angle	Number Of Round Sections=Auto	
E=Rod Extn Above	Drop Rod Diameter=0.400	
F=Rod Extn Below	Bearer Width=2.000	
G=Length A	Bearer Thickness=0.400	
H=Length B	Oversized Item=No	
I=Supported Width	Area of Influence=0.000	
J=Supported Depth	Export=All	
K=Right Rod Offset	Front Seismic Rod=No	Seams
L=Left Rod Offset	Back Seismic Rod=No	
M=Centre Offset	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Add Rod Size=No	
	A of I: Filled Circle=No	
	A of I: Circle Thickness=0.100	
	Use Support Settings=No	
	Point Load A=0.000	
	Point Load B=0.000	
	Stretch Rods Separately=No	

Damper:

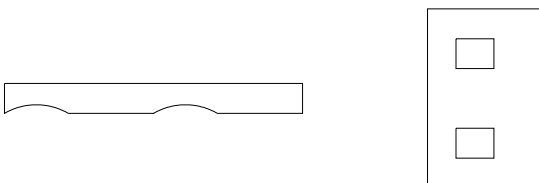
Pattern: 839

Round



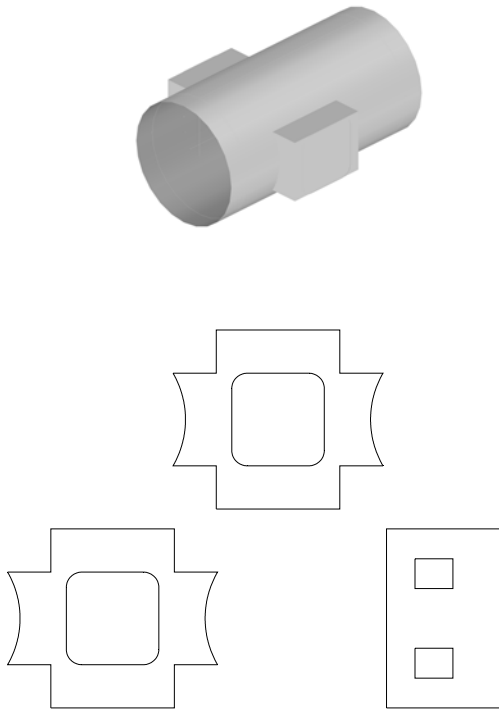
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	C4=None
E=Branch Width	Branch Parts=1	C5=None
F=Branch Depth	Pipe Seam Position=0.000	
G=Branch 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		Seams
M=Branch Length		S1=None
N=Inset		S2=None
O=Offset		
P=Rotation		
Q=Reducer Diameter		
R=Reducer Length		

Damper:



Pattern: 840

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	C4=None
E=Branch Width	Pipe Seam Position=0.000	
F=Branch Depth	Hole Adjust=0.000	
G=Branch 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		
N=Branch Width		
O=Branch Depth		
P=Branch Length		
Q=Inset		
R=Rotation		
S=Hole Width		
T=Hole Depth		
U=Hole Radius		
V=Collar		

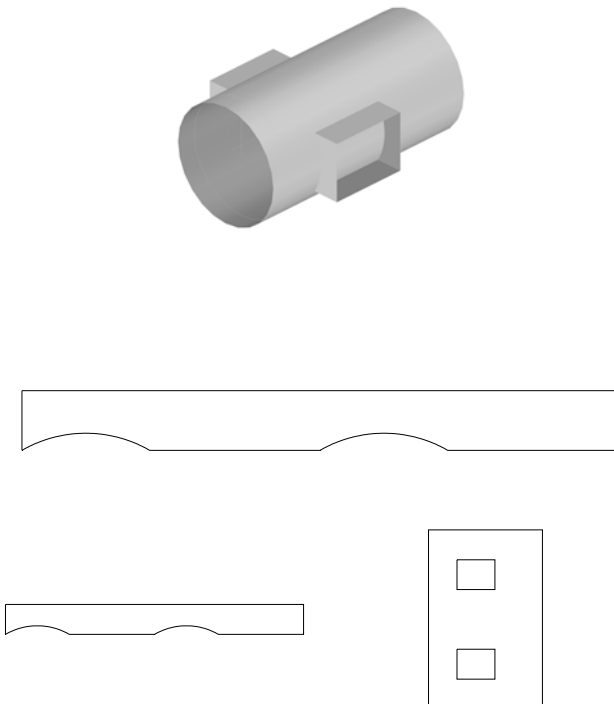
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 841

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	C4=None
E=Branch Width	Branch Parts=1	
F=Branch Depth	Pipe Seam Position=0.000	
G=Branch 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		
M=Branch Length		
N=Inset		
O=Rotation		
P=Extension		

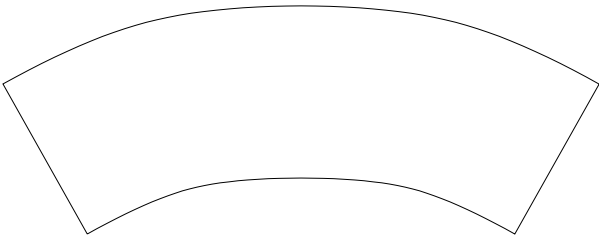
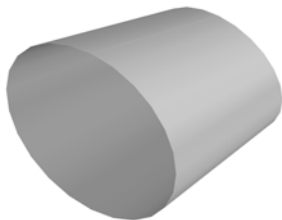
Seams

S1=None
S2=None

Damper:

Pattern: 845

Round



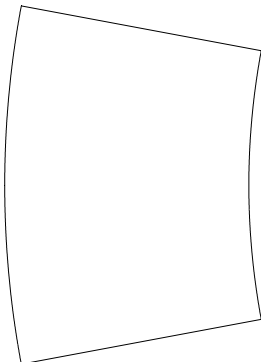
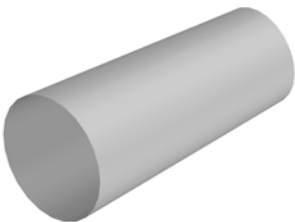
Dims	Options	Conn's
A=Left Width	Cross Break=1	
B=Left Depth	Seam Position=0.000	
C=Right Width		
D=Right Depth		
E=Length		
F=Offset		

Seams
S1=None

Damper:

Pattern: 850

Round/Fabrication



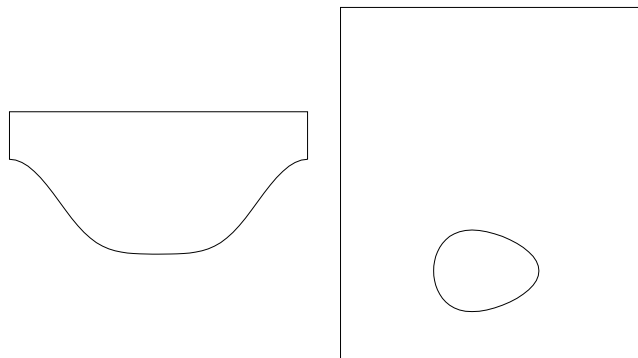
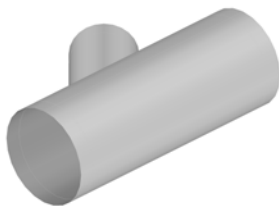
Dims	Options	Conn's
A=Left Diameter	Diameter Type BE=Nominal	C1=None
B=Right Diameter	Diameter Type SE=Nominal	C2=None
C=Pipe Length	Cross Break=1	
D=Left Extension	Seam Position=0.000	
E=Right Extension	Shoe Branch Lengths CLine=Yes	
F=Offset Width	Length Break=1	
G=Offset Depth		

Seams
S1=None
S2=None

Damper:

Pattern: 851

Round



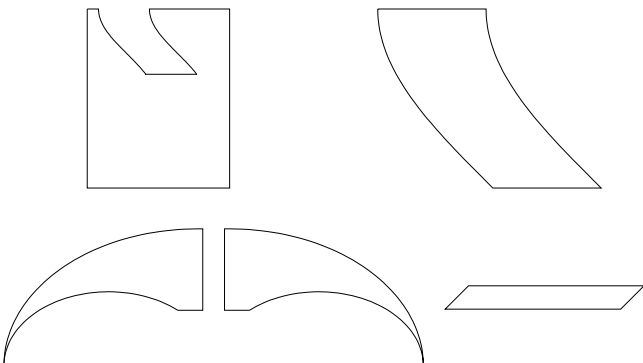
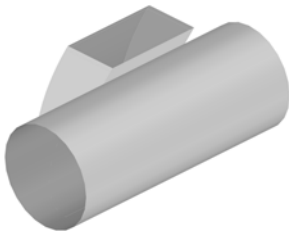
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	
E=Branch Diameter #1	Third Break=0.000	
F=Branch Length #1	Seam Position=0.000	
G=Angle #1	Pipe Diameter Type=Nominal	
H=Inset #1	Branch Diameter Type=Nominal	
I=Offset #1	Hole Adjust=0.000	
J=Rotation #1	Branch Allowance To Pipe=0.000	
K=Extension #1	Branch Seam Position=0.000	
	Throat Cut Back (Degrees)=0.000	
	Plate Border (Circumference)=0.000	
	Plate Type=Rectangular	
	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	

Seams
S1=None
S2=None

Damper: None
None
None

Pattern: 852

Rectangular/Round

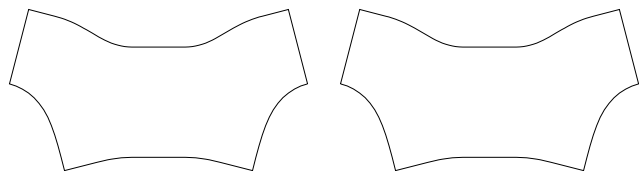
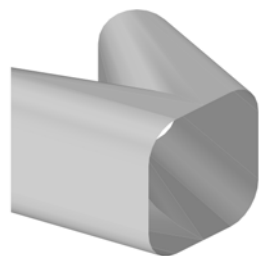


Dims	Options	Conn's
A=Pipe Diameter	Inlet=1	C1=None
B=Angle	Outlet=2	C2=None
C=Pipe Length		C3=None
D=Inset		
E=Branch Height		
F=Branch Depth		
G=Branch Width		
H=Branch Gauge		
I=Extension		

Seams
S1=None
S2=None
S3=None
S4=None
S5=None
Damper:

Pattern: 854

Rectangular/Round/Flat Oval



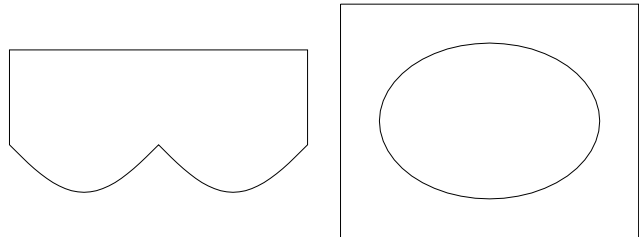
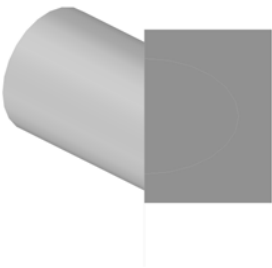
Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Left Diameter Type=Nominal	C2=None
C=Bottom Radius	Right Diameter Type=Nominal	C3=None
D=Left Width	Seam Position=Top	C4=None
E=Left Depth		
F=Left Radius		
G=Right Width		
H=Right Depth		
I=Right Radius		
J=Left Angle		
K=Right Angle		
L=Height		
M=Left Offset		
N=Right Offset		
O=Bottom Collar		
P=Left Collar		
Q=Right Collar		
R=Left Offset Depth		
S=Right Offset Depth		

Seams
S1=None

Damper:

Pattern: 855

Round



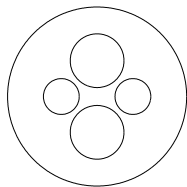
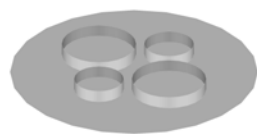
Dims	Options	Conn's
A=Branch Diameter	Seam Position=0.000	
B=Length	Hole Adjust=0.000	
C=Angle	Diameter Type=Nominal	
D=Plate Border	Turnover=0.000	

Seams
S1=None

Damper:

Pattern: 856

Round



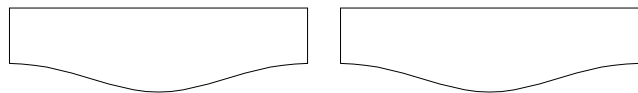
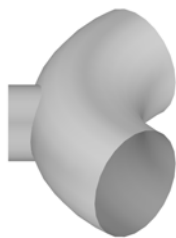
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Collar	Hole Type=Nominal	C2=None
C=Hole Diameter		C3=None
D=Hole Angle		C4=None
E=Fixing Radius		C5=None
F=Collar		
G=Hole Diameter		
H=Hole Angle		
I=Fixing Radius		
J=Collar		
K=Hole Diameter		
L=Hole Angle		
M=Fixing Radius		
N=Collar		
O=Hole Diameter		
P=Hole Angle		
Q=Fixing Radius		
R=Collar		

Seams

Damper:

Pattern: 857

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Centre Radius	Branch Diameter Type=Nominal	
C=Branch Diameter	Branch Parts=2	
D=Branch 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		

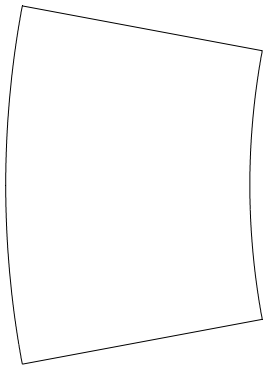
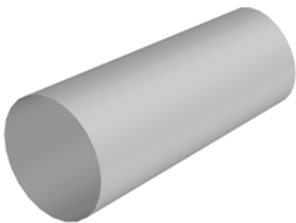
Seams

S1=None

Damper: None

Pattern: 858

Round



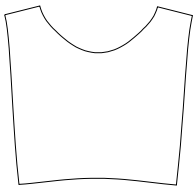
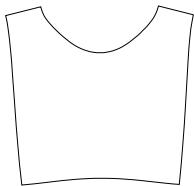
Dims	Options	Conn's
A=Pipe Diameter	Diameter Type BE=Nominal	C1=None
B=Pipe Diameter	Diameter Type SE=Nominal	C2=None
C=Pipe Length	Cross Break=1	
D=Left Extension	Seam Position=0.000	
E=Right Extension	Hole Inset=Along Slope	
	Hole Inset=Hole Centre	

Seams
S1=None

Damper:

Pattern: 863

Round/Fabrication



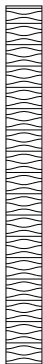
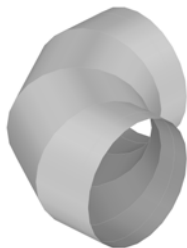
Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter	Left Diameter Type=Nominal	C2=None
C=Angle	Right Diameter Type=Nominal	C3=None
D=Centre Length	Seam Position=Top	C4=None
E=Btm Length	Marker Type=Notch	
F=Bottom Collar		
G=Left Collar		
H=Right Collar		

Seams
S1=None

Damper:

Pattern: 865

Round



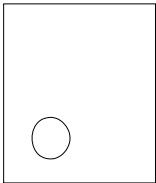
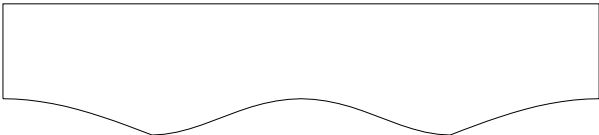
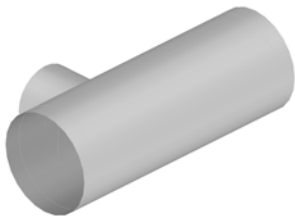
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Type=Normal	C3=None
D=Bottom Extension	Pipe Length=500.000	
E=Top Extension	Cut Length=0.000	
	Cut Length=0.000	
	Cut Length=0.000	

Seams
S1=None

Damper:

Pattern: 867

Round



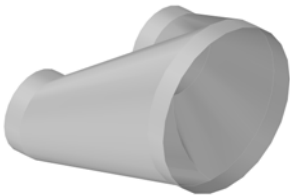
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	Seam Position=0.000	
E=Branch Diameter	First Break=180.000	
F=Branch Length	Second Break=270.000	
G=Angle	Third Break=90.000	
H=Inset	Branch Parts=1	
I=Extension	Branch Seam Position=180.000	
J=Collar	Hole Adjust=0.000	
	Branch Allowance To Pipe=0.000	

Seams
S1=None
S2=None
S3=None

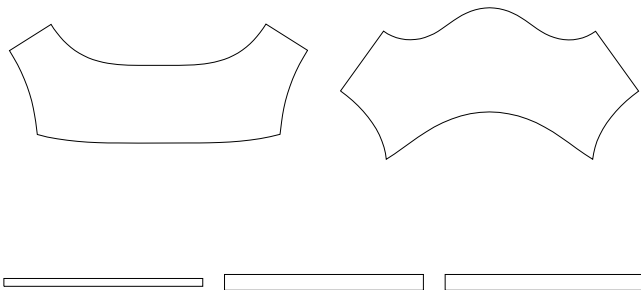
Damper:

Pattern: 869

Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Height	Seam Position=Top	C4=None
E=Left Offset	Marker Type=Notch	
F=Bottom Collar		
G=Left Collar		
H=Right Collar		
I=Distance		
J=Left Offset Depth		
K=Right Offset Depth		
		Seams
		S1=None



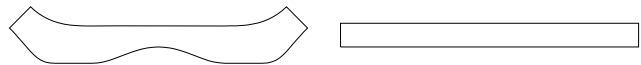
Damper:

Pattern: 871

Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Branch Seam Position=Throat	C2=None
C=Branch Length	Branch Diameter Type=Nominal	C3=None
D=Angle	Branch Allowance To Pipe=0.000	
E=Offset	Plate Border=0.000	
F=Collar	Plate Type=Rectangular	
	Plate Border (Width)=Auto	
	Inset=Front	
		Seams
		S1=None
		S2=None



Damper: None

Pattern: 873

Round/Equipment



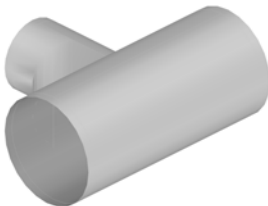
Dims	Options	Conn's
A=Diameter	Spacing=50.000	C1=None
B=Length	Diameter Ratio=1.100	C2=None
C=Item Centre Line Length	Max Length=0.000	
	Draw as Single Line=No	
	Number Of Round Sections=12	

Seams

Damper:

Pattern: 874

Round

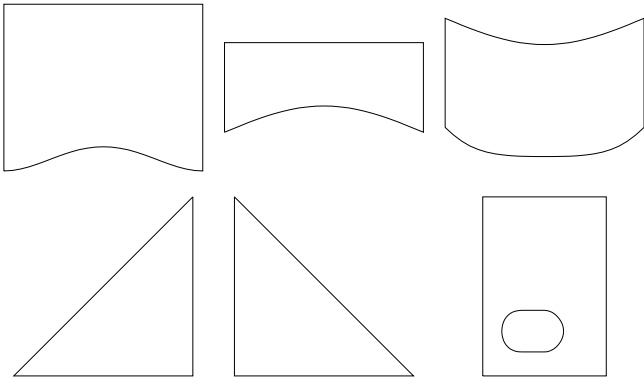


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	Seam Position=0.000	
E=Branch Diameter	First Break=180.000	
F=Branch Length	Second Break=270.000	
G=Angle	Third Break=90.000	
H=Inset	Branch Parts=Yes	
I=Extension	Hole Adjust=0.000	
J=Collar	Branch Allowance To Pipe=0.000	

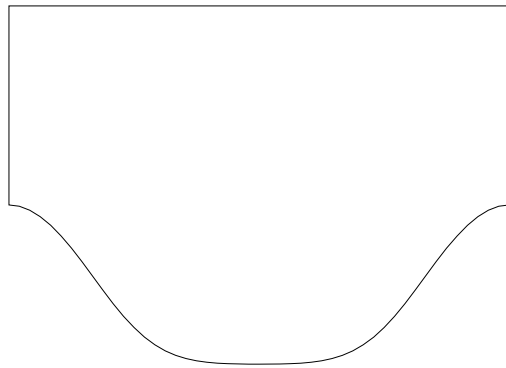
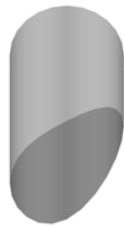
Seams

S1=None
S2=None
S3=None
S4=None

Damper:

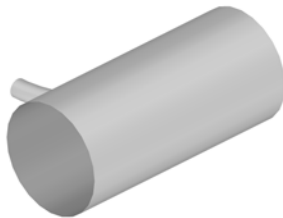


Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter #1	First Break=0.000	C2=None
C=Branch Length #1	Second Break=0.000	C3=None
D=Angle #1	Third Break=0.000	
E=Offset #1	Branch Diameter Type=Nominal	
F=Extension #1	Hole Adjust=0.000	
	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	
	Cut Back Allowance (%)=0.000	S1=None
	Use Pipe Seam For Branches=No	S2=None
	Plate Border (Length)=Auto	
	End Castle Width =0.000	
	End Castle Angle=30.000	
	Draw Plate=No	Damper: None
	Align Damper Holes=No	None
		None

Round/Equipment



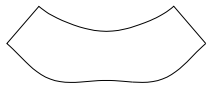
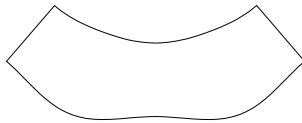
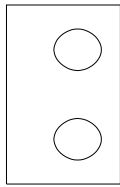
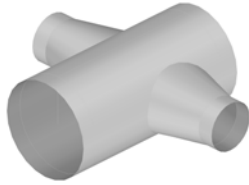
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter	Angle Tolerance=0.000	C2=None
C=Branch Length	Inlet=2	
D=Angle	Outlet=1	
E=Collar	Number Of Segments=12	

Seams

Damper:

Pattern: 884

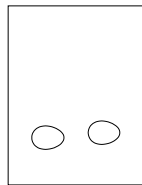
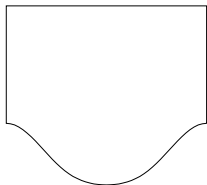
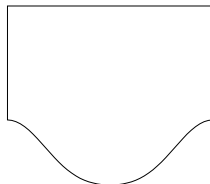
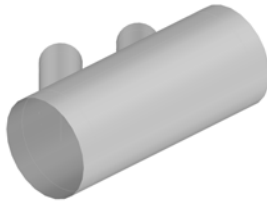
Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=... C11... C21...
B=Pipe Length	Branch Parts=1	C2=... C12... C22...
C=Left Extension	Pipe Seam Position=0.000	C3=... C13...
D=Right Extension	First Break=0.000	C4=... C14...
E=Branch Diameter #1	Second Break=0.000	C5=... C15...
F=Hole Width #1	Third Break=0.000	C6=... C16...
G=Hole Depth #1	Pipe Diameter Type=Nominal	C7=... C17...
H=Branch Length #1	Branch Diameter Type=Nominal	C8=... C18...
I=Angle #1	Hole Adjust=0.000	C9=... C19...
J=Inset #1	Branch Allowance To Pipe=0.000	C10... C20...
K=Offset #1	Branch Seam Position=0.000	Seams
L=Rotation #1	Plate Border=0.000	S1=None
M=Collar #1	Plate Border (Width)=Equal	S2=None
N=Hole Offset #1	Plate Type=Rectangular	
O=Branch Diameter #2	Inlet=1	
P=Hole Width #2	Outlet=2	
Q=Hole Depth #2		Damper:
R=Branch Length #2		
S=Angle #2		
T=Inset #2		
U=Offset #2		
V=Rotation #2		
W=Collar #2		
X=Hole Offset #2		
Y=Branch Diameter #3		
Z=Hole Width #3		
a=Hole Depth #3		
b=Branch Length #3		

Pattern: 885

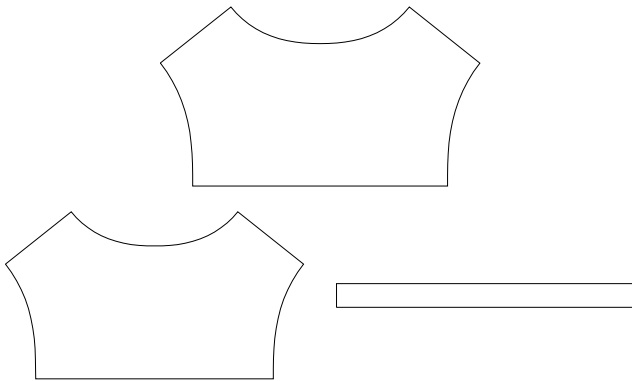
Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	
F=Branch 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	Seams
L=Branch Diameter	Branch Seam Position=0.000	S1=None
M=Branch Length	Throat Cut Back (Degrees)=0.000	S2=None
N=Angle	Cut Back Allowance (%)=0.000	S3=None
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	
		Damper: None
		None
		None
		None

Pattern: 886

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Branch Diameter	Branch Diameter Type=Nominal	C2=None
C=Branch Length	Branch Diameter Type=Nominal	C3=None
D=Angle	Hole Adjust=0.000	
E=Angle	Round Allowance To Pipe=0.000	
F=Collar	Flat Allowance To Pipe=0.000	
G=Offset	Seam Position=0.000	
	Branch Parts=2	
	Flat Right=No	

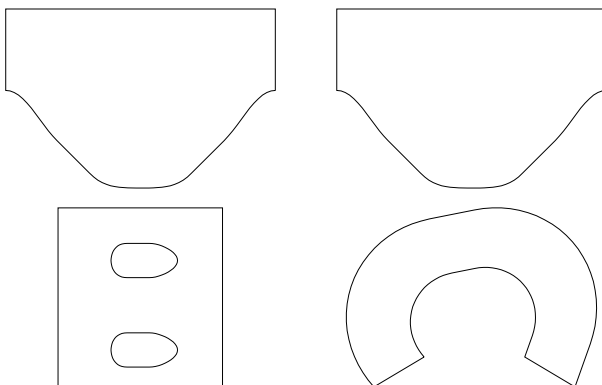
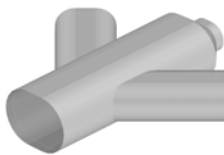
Seams

S1=None
S2=None

Damper:

Pattern: 889

Round/Flat Oval



Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
E=Right Extension	Seam Position=0.000	C5=None
F=Branch Width #1	Right Diameter Type=Nominal	
G=Branch Depth #1	Branch Allowance To Pipe=0.000	
H=Branch Length #1	Reducer Parts=1	
I=Angle #1	True Oval Straight=No	
J=Inset #1		
K=Offset #1		
L=(Hole) Rotation #1		
M=Extension #1		
N=Branch Width #2		
O=Branch Depth #2		
P=Branch 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		

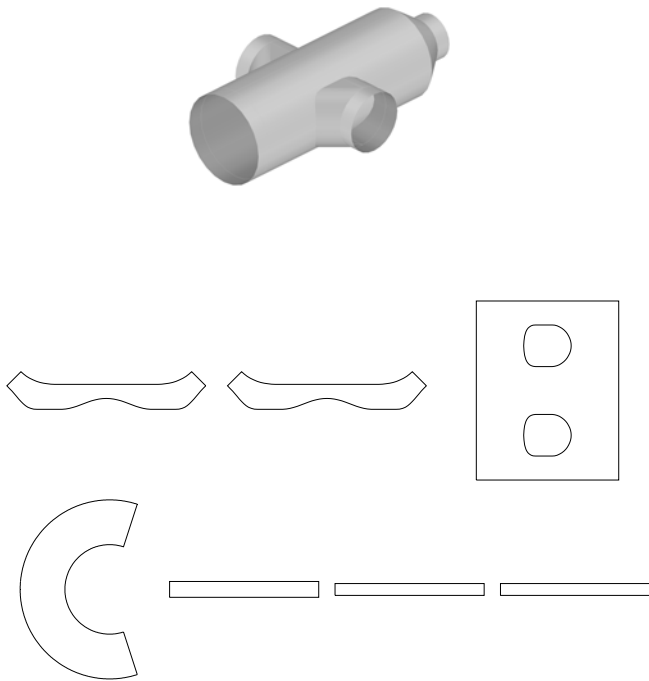
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 890

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=0.000	C3=None
D=Right Length	Branch Seam Position=Throat	C4=None
E=Left Extension	Pipe Diameter Type=Nominal	C5=None
F=Right Extension	Branch Diameter Type=Nominal	
G=Branch Diameter	Branch Diameter Type=Nominal	
H=Branch Length	Branch Allowance To Pipe=0.000	
I=Angle	Hole Adjust=0.000	
J=Inset	Straight Notch=No	
K=Offset	Plate Border=0.000	
L=Rotation	Plate Type=Rectangular	
M=Collar	Plate Border (Width)=Auto	
N=Branch Diameter	Right Diameter Type=Nominal	
O=Branch Length	Inset=Front	
P=Angle	Reducer Parts=1	
Q=Inset		
R=Offset		
S=Rotation		
T=Collar		

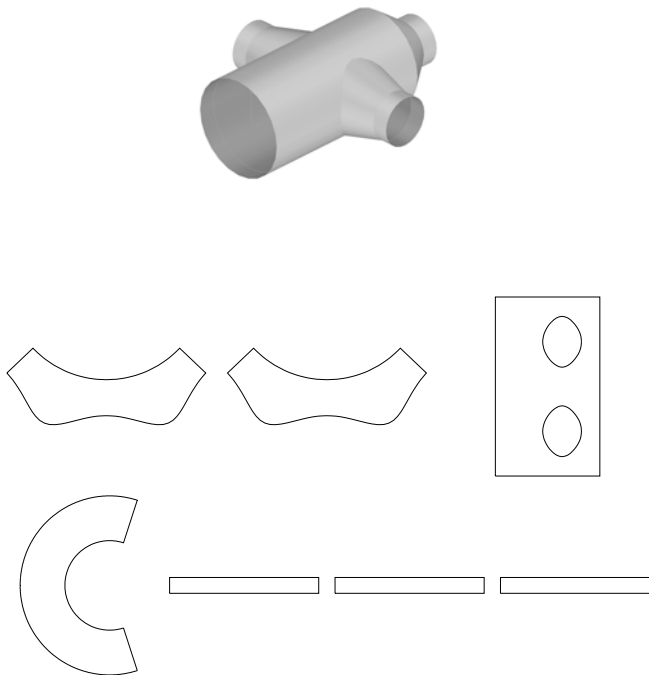
Seams

S1=None
S2=None
S3=None

Damper: None
None

Pattern: 891

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	Seam Position=0.000	C3=None
D=Right Length	Pipe Diameter Type=Nominal	C4=None
E=Left Extension	Branch Diameter Type=Nominal	C5=None
F=Right Extension	Branch Diameter Type=Nominal	
G=Branch Diameter	Hole Adjust=0.000	
H=Branch Length	Branch Allowance To Pipe=0.000	
I=Angle	Branch Seam Position=0.000	
J=Inset	Plate Border=0.000	
K=Rotation	Plate Type=Rectangular	
L=Collar	Input=Angle	
M=Branch Diameter	Plate Border (Width)=Auto	
N=Branch Length	Right Diameter Type=Nominal	
O=Angle	Reducer Parts=1	
P=Inset		
Q=Rotation		
R=Collar		
S=Btm Width		
T=Btm Width		

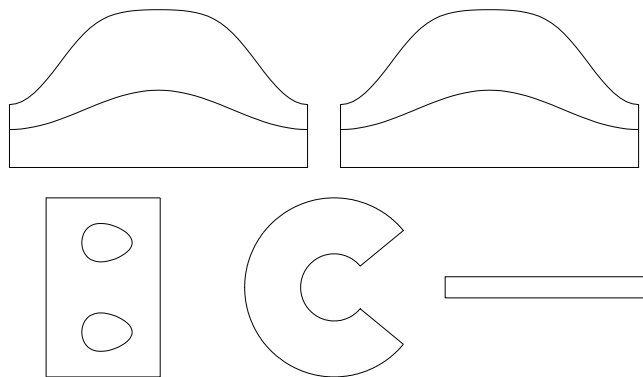
Seams

S1=None
S2=None
S3=None
S4=None

Damper: None
None
None
None

Pattern: 892

Round



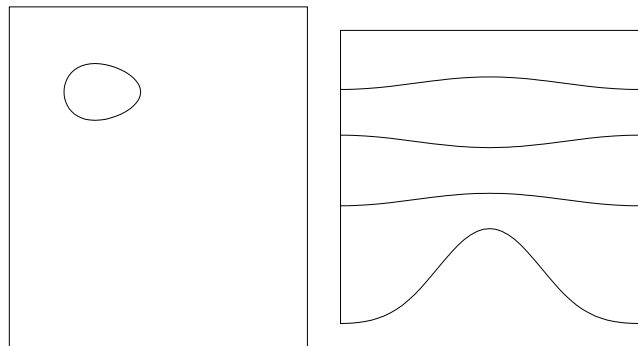
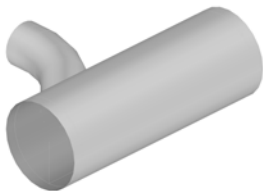
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Right Length	Second Break=0.000	C4=None
E=Left Extension	Third Break=0.000	C5=None
F=Right Extension	Seam Position=0.000	C6=None
G=Branch Diameter	Pipe Diameter Type=Nominal	C7=None
H=Branch Length	Branch Diameter Type=Nominal	
I=Angle	Branch Diameter Type=Nominal	
J=Inset	Hole Adjust=0.000	
K=Offset	Branch Allowance To Pipe=0.000	
L=Rotation	Throat Cut Back (Degrees)=0.000	
M=Extension	Right Diameter Type=Nominal	
N=Collar	Reducer Parts=1	
O=Branch Diameter	Branch Inset=Front	
P=Branch Length		
Q=Angle		
R=Inset		
S=Offset		
T=Rotation		
U=Extension		
V=Collar		

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 899

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Pipe Seam Position=180.000	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Diameter	Second Break=0.000	
F=Angle	Third Break=0.000	
G=Inset #1	Branch Diameter Type=Nominal	
H=Height	Branch Seam Position=0.000	
I=Top Extension	Cross Break=1	
	Number Of Segments=4	
	Nest Break Start Segment=0	
	Nest Break End Segment=0	
	Marker Type=Notch	
	Hole Adjust=0.000	
	Notch Angle For Seam=0	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Branch Allowance To Pipe=0.000	

Seams
S1=None
S2=None

Damper:

Pattern: 902

Rectangular/Round/Flat Oval/Standard/Equipment

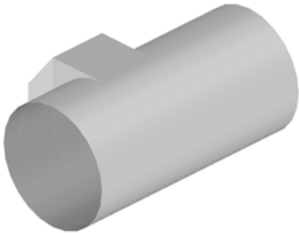
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	

Seams

Damper:

Pattern: 904

Round

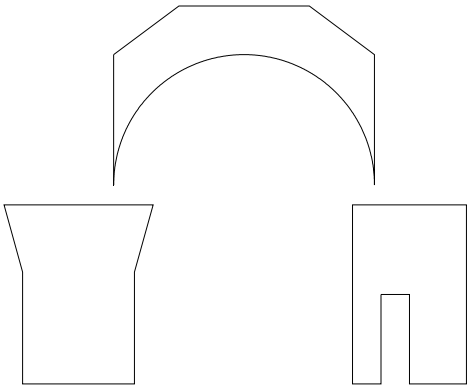


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Pipe Seam Position=0.000	
F=Branch Depth	Hole Adjust=0.000	
G=Branch Length	Plate Border=0.000	
H=Inset	Castle Width=0.000	
I=Offset	Castle Angle=30.000	
J=Extension	Plate Border (Width)=Auto	
K=Hole Width	Throat Clearance=0.000	

Seams

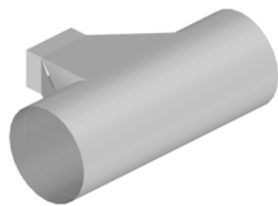
S1=None
S2=None

Damper:



Pattern: 906

Round



Dims	Options	Conn's
A=Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	
E=Branch Width	Round Allowance To Pipe=0.000	
F=Branch Depth	Flat Allowance To Pipe=0.000	
G=Branch Length	Hole Adjust=0.000	
H=Angle		
I=Angle		
J=Inset		
K=Offset		
L=Rotation		
M=Extension		

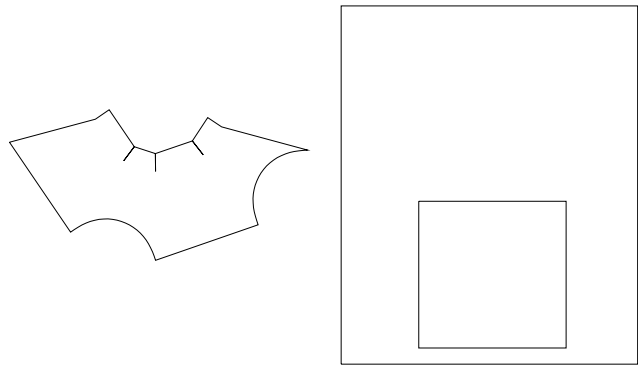
Seams

S1=None

S2=None

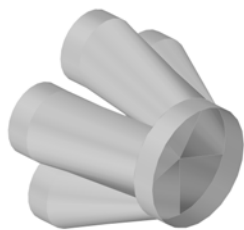
S3=None

Damper:



Pattern: 907

Round

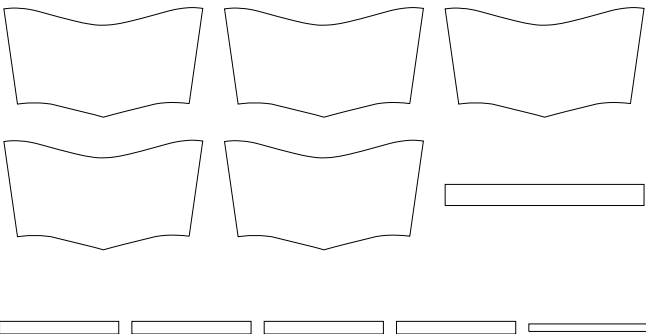


Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter #1	Top Diameter Type=Nominal	C2=None
C=Top Diameter #2	Seam Position=Front	C3=None
D=Top Diameter #3	Cross Break=1	C4=None
E=Top Diameter #4		C5=None
F=Top Diameter #5		C6=None
G=Height		C7=None
H=Length #1		
I=Bottom Collar		
J=Collar		
K=Length #2		
L=Length #3		
M=Length #4		
N=Length #5		

Seams

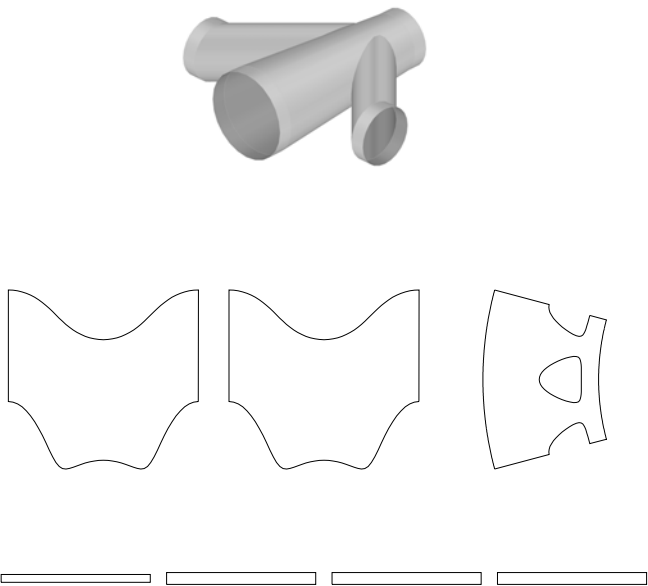
S1=None

Damper:



Pattern: 908

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	C4=None
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch 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=Branch Diameter		
N=Branch Length		
O=Angle		
P=Inset		
Q=Offset		
R=Rotation		
S=Collar		

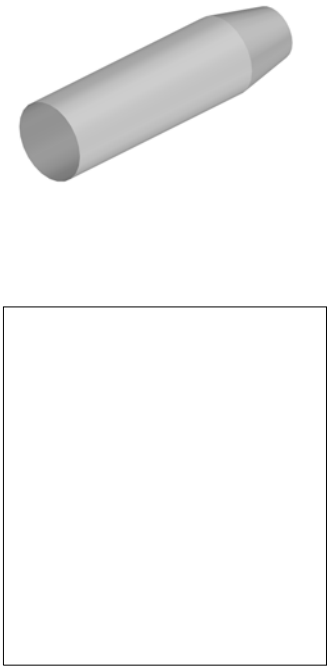
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 911

Round/Flat Oval



Dims	Options	Conn's
A=Pipe Width	Pipe Diameter Type=Nominal	C1=None
B=Pipe Depth	Reducer Diameter Type=Nominal	C2=None
C=Pipe Length	Pipe Parts=1	C3=None
D=Reducer Width	Pipe Seam Position=0.000	
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=None

Damper:

Pattern: 912

Round/Equipment



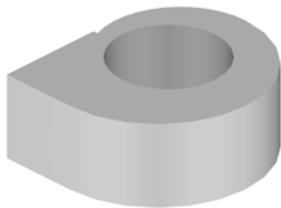
Dims	Options	Conn's
A=Diameter	Inlet=1	
B=Height	Outlet=1	
C=Top Length	Library=Round	
D=Btm Length	Fix Double Wall=No	
	Branches Inset Centrally=No	

Seams

Damper:

Pattern: 913

Rectangular/Round/Equipment



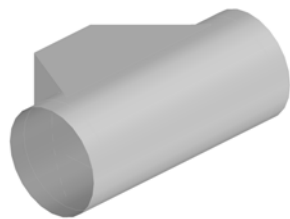
Dims	Options	Conn's
A=Width	Mirror=No	C1=None
B=Depth	Base Depth=Yes	C2=None
C=Length	Cost Supports=No	
D=Height		
E=X Distance		
F=Y Distance		
G=Diameter		
H=Rotation		
I=Base Height		
J=Base Width		
K=Base Depth		
L=Extension		

Seams

Damper:

Pattern: 917

Round

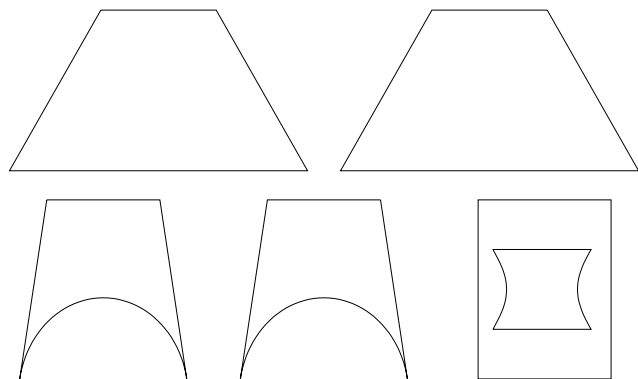


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Width	Pipe Parts=1	
F=Branch Depth	First Break=0.000	
G=Branch Length	Second Break=0.000	
H=Side Angle	Third Break=0.000	
I=Front Angle	Pipe Seam Position=270.000	
J=Inset	Castle Width=0.000	
K=Offset	Castle Angle=30.000	
L=Rotation		
M=Extension		

Seams

S1=None

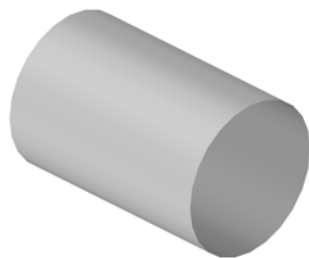
S2=None



Damper:

Pattern: 922

Round



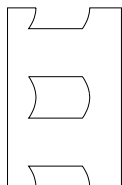
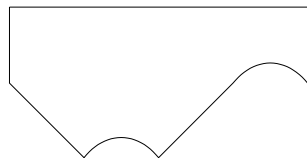
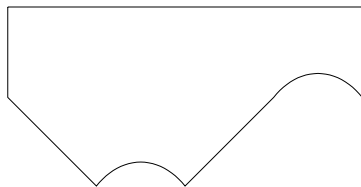
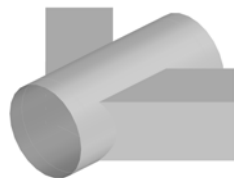
Dims	Options	Conn's
A=Diameter	Parts To Cut=All	C1=None
B=Inner Diameter		C2=None
C=Y Pitch		C3=None
D=Number Of Segments		
E=Quantity		

Seams
S1=None

Damper:

Pattern: 923

Round



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

Seams
S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 928

Round/Standard/Equipment

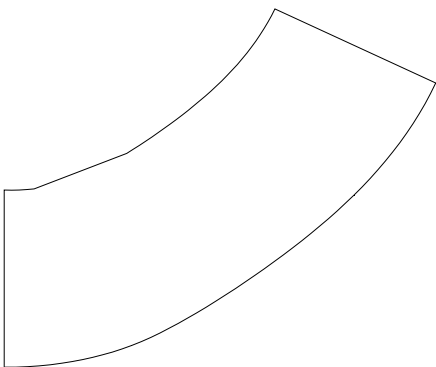
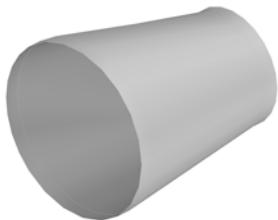
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Library=Duct	
	Faces=No	

Seams

Damper:

Pattern: 930

Round



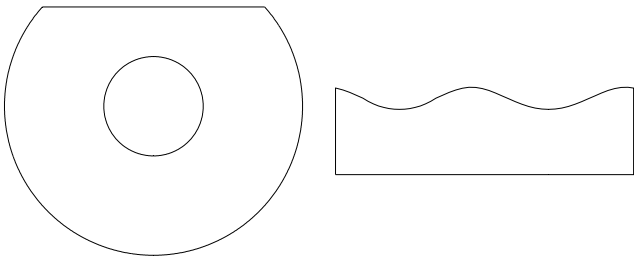
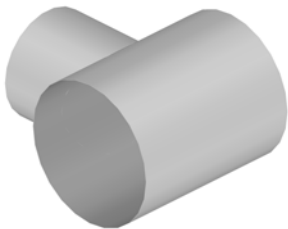
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Diameter	2 Parts=No	C2=None
C=Length	Vee Notch Angle=20.000	
D=Y-Offset	Vee Notch Depth (C1)=0.000	
E=X-Offset	Vee Notch Depth (C2)=0.000	
F=Slice Depth	Seam For Weathering=No	
G=Slice Angle	Slice Left=No	
H=Left Collar	Slice Right=Yes	
I=Right Collar		

Seams
S1=None

Damper:

Pattern: 931

Round



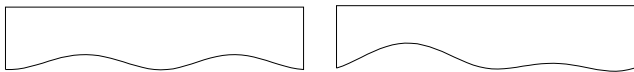
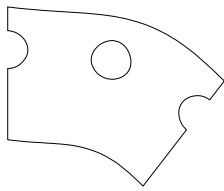
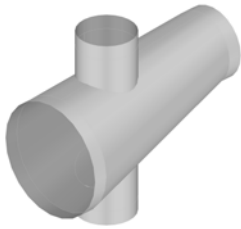
Dims	Options	Conn's
A=Branch Diameter	Branch Seam Position=0.000	C1=None
B=Branch Length	Branch Parts=1	C2=None
C=Hole Diameter	Branch Allowance To Pipe=0.000	
D=Slice Depth	Pipe Seam Position=0.000	
E=Slice Angle	Pipe Parts=None	
F=Pipe Diameter	Hole Adjust=20.000	
G=Pipe Length	Vee Notch Angle=20.000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

Seams
S1=None
S2=None
S3=None

Damper:

Pattern: 933

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	C3=None
D=Left Extension	Branch Type=Round	C4=None
E=Right Extension	Branch Parts=1	
F=Offset Width	Branch Seam Position=0.000	
G=Offset Depth	Branch Allowance To Pipe=0.000	
H=Branch Diameter #1	Branch Type=Round	
I=Branch Length #1	Branch Parts=1	
J=Angle #1	Branch Seam Position=0.000	
K=Inset #1	Branch Allowance To Pipe=0.000	
L=Offset #1	Develop Collars=No	
M=Extension #1	Develop Branch Collars=No	
N=Branch Diameter #2		
O=Branch Length #2		
P=Angle #2		
Q=Inset #2		
R=Offset #2		
S=Extension #2		

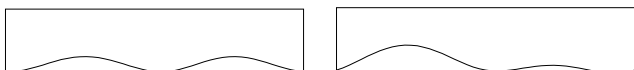
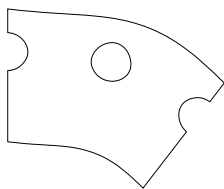
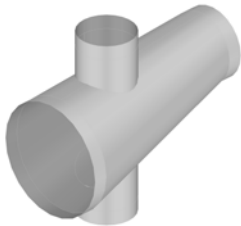
Seams

S1=None
S2=None

Damper: None
None
None
None

Pattern: 934

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	C3=None
D=Left Extension	Branch Parts=1	C4=None
E=Right Extension	Branch Seam Position=0.000	
F=Offset Width	Branch Allowance To Pipe=0.000	
G=Offset Depth	Branch Parts=1	
H=Branch Diameter #1	Branch Seam Position=0.000	
I=Branch Length #1	Branch Allowance To Pipe=0.000	
J=Angle #1	Develop Branch Collars=No	
K=Inset #1		
L=Offset #1		
M=Extension #1		
N=Branch Diameter #2		
O=Branch Length #2		
P=Angle #2		
Q=Inset #2		
R=Offset #2		
S=Extension #2		

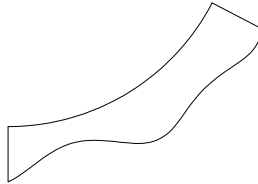
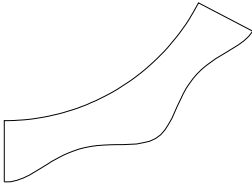
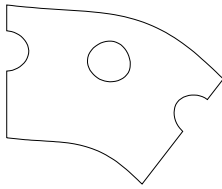
Seams

S1=None
S2=None

Damper: None
None
None
None

Pattern: 935

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	C3=None
D=Left Extension	Branch Parts=1	C4=None
E=Right Extension	Branch Seam Position=0.000	
F=Offset Width	Branch Allowance To Pipe=0.000	
G=Offset Depth	Branch Parts=1	
H=Branch Diameter #1	Branch Seam Position=0.000	
I=Branch Length #1	Branch Allowance To Pipe=0.000	
J=Angle #1	Develop Collars=No	
K=Slope Angle #1	Develop Branch Collars=No	
L=Inset #1		
M=Offset #1		
N=Extension #1		
O=Branch Rotation #1		
P=Branch Diameter #2		
Q=Branch Length #2		
R=Angle #2		
S=Slope Angle #2		
T=Inset #2		
U=Offset #2		
V=Extension #2		
W=Branch Rotation #2		

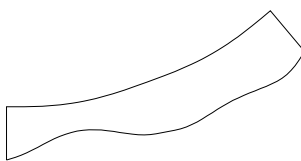
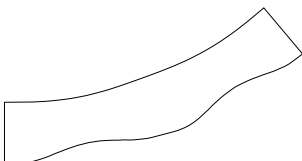
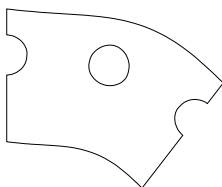
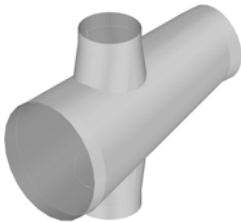
Seams

S1=None
S2=None

Damper: None
None
None
None

Pattern: 936

Round



Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	C3=None
D=Left Extension	Branch Parts=1	C4=None
E=Right Extension	Branch Seam Position=0.000	
F=Offset Width	Branch Allowance To Pipe=0.000	
G=Offset Depth	Branch Parts=1	
H=Branch Diameter #1	Branch Seam Position=0.000	
I=Branch Length #1	Branch Allowance To Pipe=0.000	
J=Angle #1	Develop Collars=No	
K=Slope Angle #1	Develop Branch Collars=No	
L=Inset #1		
M=Offset #1		
N=Extension #1		
O=Branch Diameter #2		
P=Branch Length #2		
Q=Angle #2		
R=Slope Angle #2		
S=Inset #2		
T=Offset #2		
U=Extension #2		

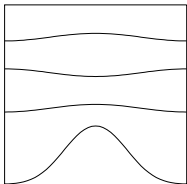
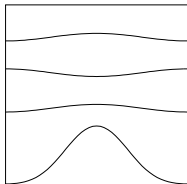
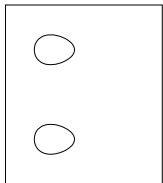
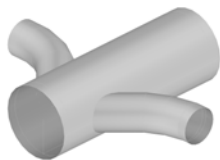
Seams

S1=None
S2=None

Damper: None
None
None
None

Pattern: 938

Round



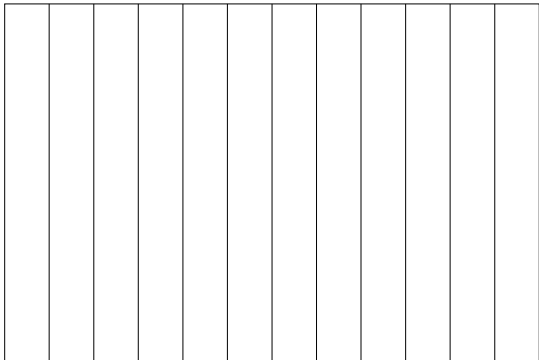
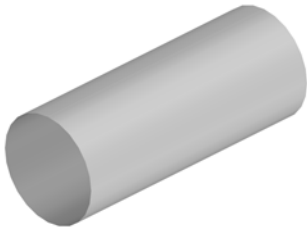
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Pipe Seam Position=180.000	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Branch Diameter #1	Second Break=0.000	C5=None
F=Angle #1	Third Break=0.000	
G=Inset #1	Branch Diameter Type=Nominal	
H=Height #1	Branch Seam Position=0.000	
I=Extension #1	Cross Break=1	
J=Branch Diameter #2	Number Of Segments=4	
K=Angle #2	Nest Break Start Segment=0	
L=Inset #2	Nest Break End Segment=0	
M=Height #2	Marker Type=Notch	
N=Extension #2	Hole Adjust=0.000	
	Notch Angle For Seam=0	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Branch Allowance To Pipe=0.000	

Seams
S1=None
S2=None

Damper:

Pattern: 940

Round/Ductboard



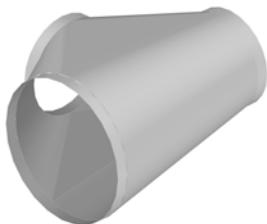
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length	Number Of Segments=12	C2=None
C=Left Extension	Diameter Adjust=3.000	
D=Right Extension	Half End=No	

Seams
S1=None

Damper: None
None

Pattern: 941

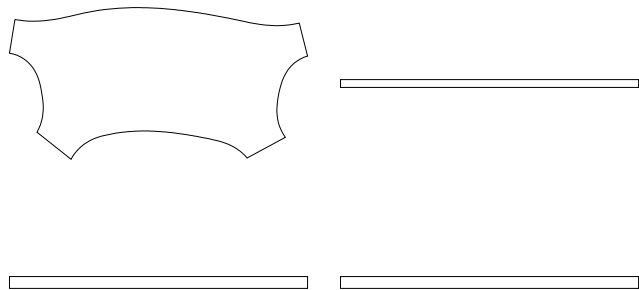
Round



Dims	Options	Conn's
A=Left Diameter	Left Diameter Type=Nominal	C1=None
B=Right Diameter	Right Diameter Type=Nominal	C2=None
C=Pipe Length	Branch Diameter Type=Nominal	C3=None
D=Y-Offset	Marker Notches=No	
E=X-Offset		
F=Left Collar		
G=Right Collar		
H=Branch Diameter		
I=Branch Length		
J=Offset		
K=Collar		
L=Angle		

Seams

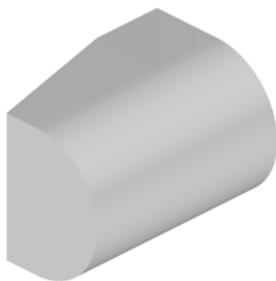
S1=None



Damper:

Pattern: 962

Rectangular/Round



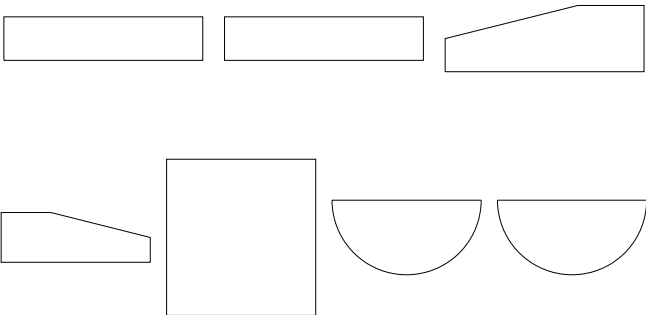
Dims	Options	Conn's
A=Diameter	Vee Depth Male=0.000	C1=None
B=Left Height	Vee Angle Male=30.000	
C=Right Height	Vee Depth Female=0.000	
D=Length	Vee Angle Female=30.000	
E=Right Length	Notch Out=No	
	Use Ends Seam 3=No	
	Split Radius=No	
	Close Middle=No	

Seams

S1=None

S2=None

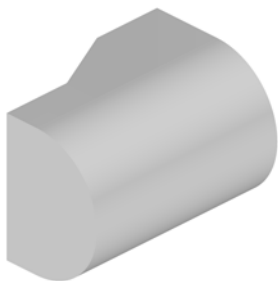
S3=None



Damper:

Pattern: 963

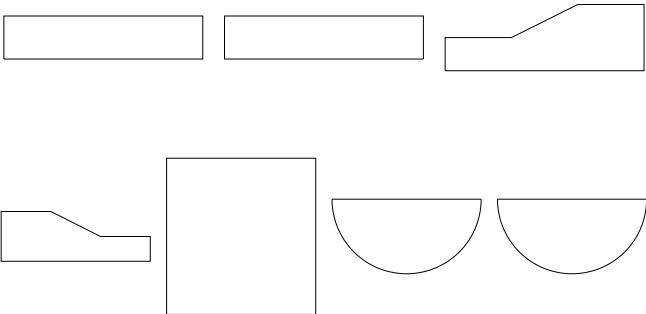
Rectangular/Round



Dims	Options	Conn's
A=Diameter	Vee Depth Male=0.000	C1=None
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	

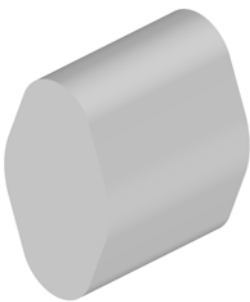
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 964

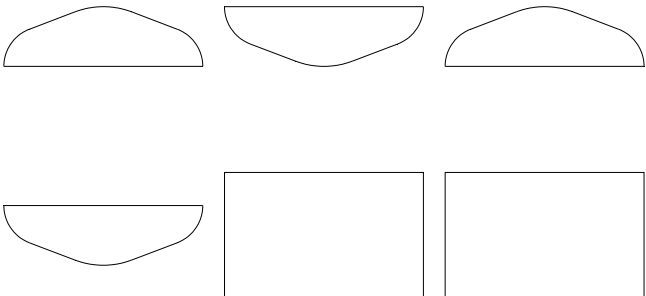
Rectangular/Round



Dims	Options	Conn's
A=Width	Vee Depth Male=0.000	C1=None
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	

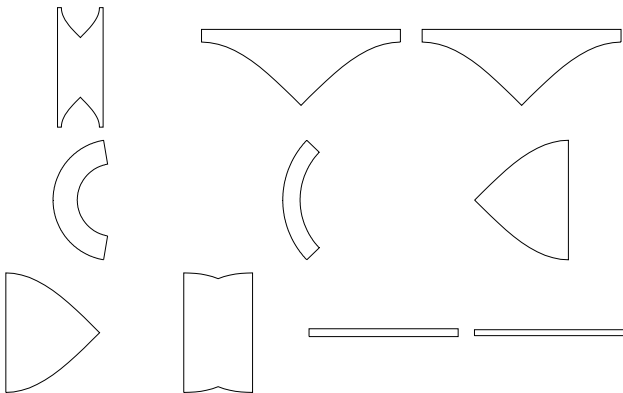
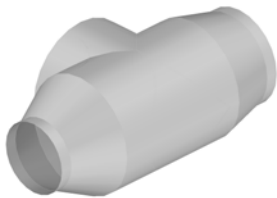
Seams
S1=None
S2=None

Damper:



Pattern: 965

Round



Dims	Options	Conn's
A=Top Diameter	Pipe Parts=2	C1=None
B=Top Extension	Branch Parts=2	C2=None
C=Left Diameter	First Break=0.000	C3=None
D=Left Length	Second Break=0.000	C4=None
E=Left Offset	Third Break=0.000	C5=None
F=Left Inset	Top Diameter Type=Nominal	
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	
K=Right Inset	Branch Seam Position=0.000	
L=Right Extension	Throat Cut Back (Degrees)=0.000	
M=Left Collar	Cut Back Allowance (%)=0.000	
N=Right Collar	Inlet=1	
	Outlet=2	
	End Castle Width =0.000	
	End Castle Angle=30.000	
	Reducer Parts=2	
	Splitter Adjust=0.000	
	Splitters=Auto	
	Lengths Include Extensions=No	
	Splitters=4	
	Splitter Radius=Auto	

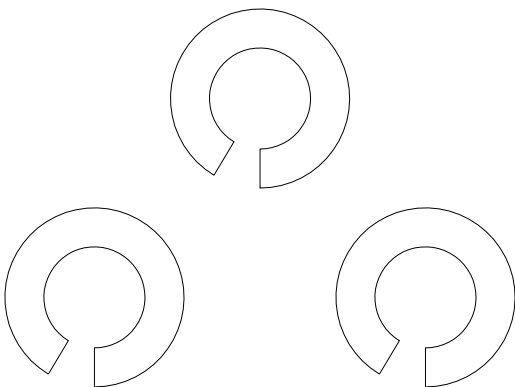
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 968

Round



Dims	Options	Conn's
A=Diameter	Clockwise=Yes	C1=None
B=Inner Diameter		C2=None
C=Y Pitch		C3=None
D=Height		

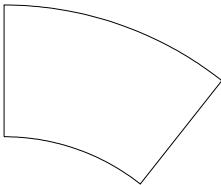
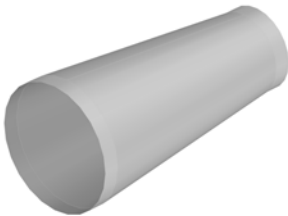
Seams

S1=None

Damper:

Pattern: 970

Round



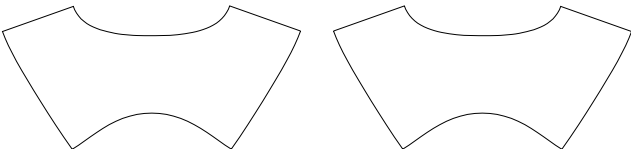
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	
D=Left Extension	Diameter Type=Nominal	
E=Right Extension	Length Includes Extensions=No	
F=Offset Width	Correct Branch Inset/Length For Angle=No	
G=Offset Depth		

Seams
S1=None

Damper:

Pattern: 989

Round



Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Left Diameter	Left Diameter Type=Nominal	C2=None
C=Right Diameter	Right Diameter Type=Nominal	C3=None
D=Left Angle	Seam Position=Top	C4=None
E=Right Angle	Marker Type=Notch	
F=Left Height		
G=Right Height		
H=Left Offset		
I=Right Offset		
J=Height		
K=Bottom Collar		
L=Left Collar		
M=Right Collar		

Seams
S1=None

Damper:

Pattern: 995

Round/Flat Oval/Equipment



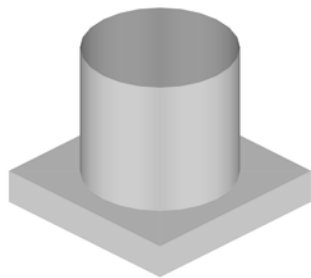
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 996

Rectangular/Round/Equipment



Dims	Options	Conn's
A=Width	Type=Supply	C1=None
B=Depth	Position From=Edge	C2=None
C=Height	Type=Round	C3=None
D=Diameter	Rotation=0.000	C4=None
E=Collar	Collar=No	C5=None
F=Plate Border (Width)	Arrows/Lines=None	C6=None
G=Plate Border (Depth)	Arrows/Lines Sides=0	C7=None
	Lines/Circles Spacing=1.000	C8=None
	Arrows Direction=Auto	
	Circles=No	
	Arrows Type=1	
	Diffuser Type=None	
	Cost Supports=No	

Seams

Damper:

Pattern: 1000

Round

Dims	Options	Conn's
A=Diameter		C1=None
B=Inner Diameter		C2=None
C=Y Pitch		
D=Number Of Segments		
E=Quantity		

Seams

Damper:

Pattern: 1049

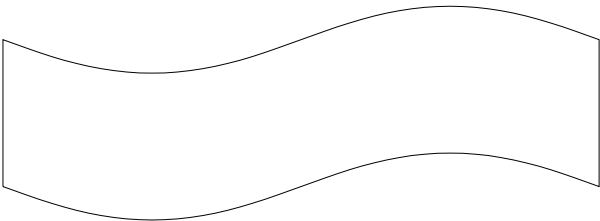
Round

Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Length	Seam Position=0.000	C2=None
C=Angle	Vertical=No	C3=None
D=Body Diameter	Pipework=No	
	Adjust=0.000	
	Include=Yes	
	Develop X Size For Diameter=No	
	Inlet=1	
	Outlet=2	

Seams

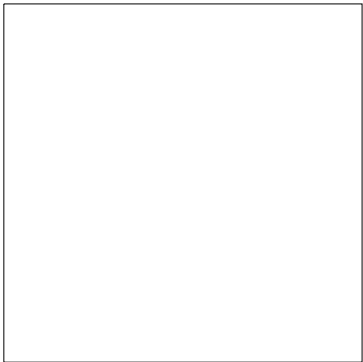
S1=None

Damper:



Pattern: 1101

Rectangular/Round/Flat Oval/Standard/Equipment



Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	
	Faces=No	

Seams

Damper:

Pattern: 1108

Round/Equipment



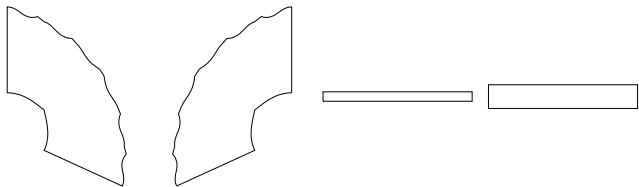
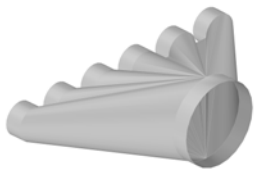
Dims	Options	Conn's
A=Diameter	Bend Radius=4.000	C1=None
B=Length	Factor Type=Multiples Of Diameter	C2=None
C=Lead Length	Max Length=0.000	
	Number Of Round Sections=12	
	Length=Auto	
	Length Adjust=0.000	
	Number Of Segments=Auto	
	Straight Annotation=Up	
	Bend Annotation=Front	
	Allowance=Default	

Seams

Damper:

Pattern: 1109

Round



Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Top Diameter #1	Slope Angle=0.000	C4=None
E=Top Diameter #2	Number Of Branches=6	C5=None
F=Top Diameter #3		C6=None
G=Top Diameter #4		C7=None
H=Height		
I=Spacing		
J=Left Angle #1		
K=Right Angle #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		

Seams
S1=None
S2=None

Damper:

Pattern: 1112

Round



Dims		Options	Conn's
A=Diameter	B=Collar	Sex Type=Male	C1=None
C=Length	D=Offset		C2=None

Seams
S1=None

Damper:

Pattern: 1137

Round

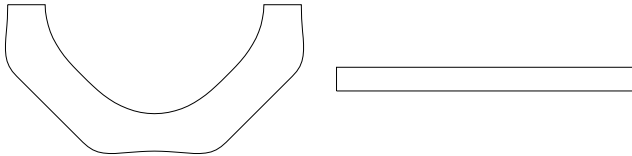


Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Seam Position=0.000	C2=None
C=Branch Length	Pipe Diameter Type=Nominal	C3=None
D=Angle	Branch Diameter Type=Nominal	
E=Offset	Branch Diameter Type=Nominal	
F=Collar	Branch Allowance To Pipe=0.000	
	Hole Adjust=0.000	
	Plate Border=0.000	
	Plate Type=Rectangular	
	Plate Border (Width)=Auto	

Seams

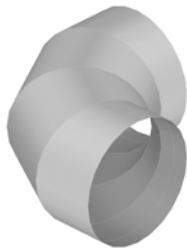
S1=None
S2=None

Damper: None
None
None



Pattern: 1141

Round

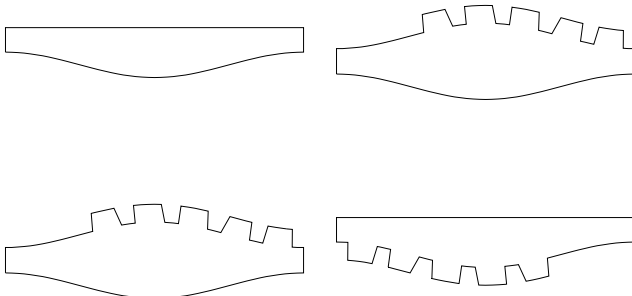


Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Diameter Type=Nominal	
E=Top Extension	Notch Angle For Seam=0	
	Marker Type=Notch	
	Diameter Reduction=0.000	
	Marker Depth=Default	
	Mark Sides=No	
	Leg Lengths=No	
	Fixing Holes On Extension=Yes	
	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	

Seams

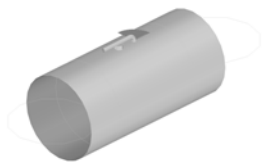
S1=None

Damper: None
None



Pattern: 1144

Round/Equipment



Dims	Options	Conn's
A=Diameter	Type=Manual	C1=None
B=Length	Position=0.000	C2=None
C=Left Collar	Plate=No	
D=Right Collar		
E=Total Length		
F=Handle Length #1		
G=Handle Length #2		
H=Handle Inset		

Seams

Damper:

Pattern: 1163

Round

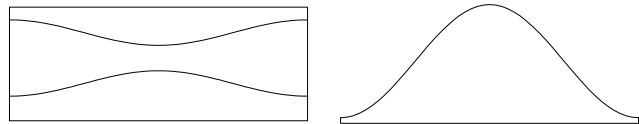


Dims	Options	Conn's
A=Diameter	Number Of Segments=3	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Single Segments=No	
E=Top Extension Angle	Diameter Type=Nominal	
F=Top Extension Length	Automatic Nest Break If Oversize=No	
	Notch Angle For Seam=0	
	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	
	Input Top Extension=Top Length	

Seams

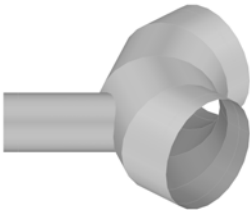
S1=None
S2=None

Damper: None
None



Pattern: 1173

Round



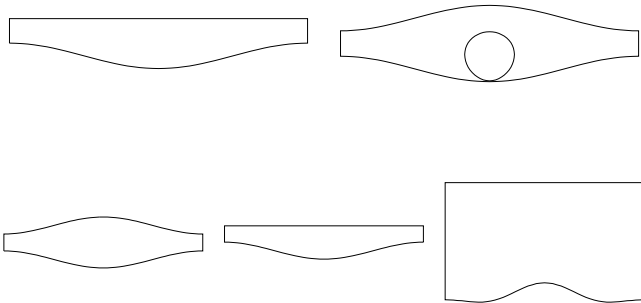
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Pipe Diameter Type=Nominal	C3=None
D=Bottom Extension	Branch Diameter Type=Nominal	C4=None
E=Top Extension	Marker Type=Notch	
F=Branch Diameter	Branch Allowance To Pipe=0.000	
G=Branch Length		
H=Branch Angle		
I=Branch Extension		
J=Branch Inset		
K=Branch Offset		

Seams

S1=None

S2=None

Damper:



Pattern: 1175

Round/Standard/Equipment

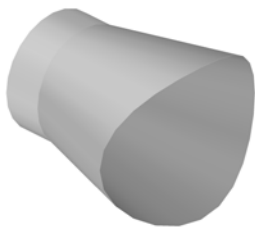
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Library=Duct	
	Faces=No	

Seams

Damper:

Pattern: 1177

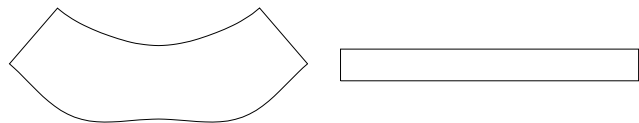
Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Pipe Diameter Type=Nominal	C2=None
C=Btm Width	Branch Diameter Type=Nominal	C3=None
D=Btm Depth	Hole Adjust=0.000	
E=Branch Length	Branch Allowance To Pipe=0.000	
F=Collar	Branch Seam Position=0.000	
	Plate Border=0.000	
	Plate Border (Width)=Equal	
	Plate Type=Rectangular	

Seams
S1=None
S2=None

Damper: None



Pattern: 1184

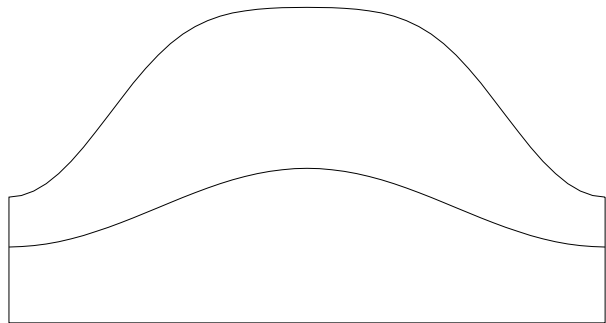
Round



Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Pipe Diameter Type=Nominal	C2=None
C=Branch Length	Branch Diameter Type=Nominal	C3=None
D=Angle	Branch Allowance To Pipe=0.000	C4=None
E=Offset	Throat Cut Back (Degrees)=0.000	
F=Extension		
G=Collar		

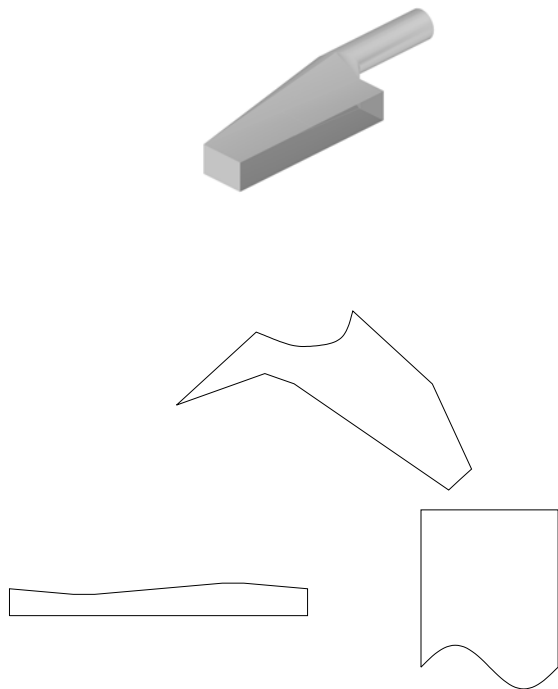
Seams
S1=None
S2=None

Damper: None



Pattern: 1190

Rectangular/Round



Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Round Parts=1	C2=None
C=Diameter	Rect Parts=1	
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	Inlet=1	
I=Inner Length #2	Outlet=2	
J=Offset Depth		
K=Angle		

Seams

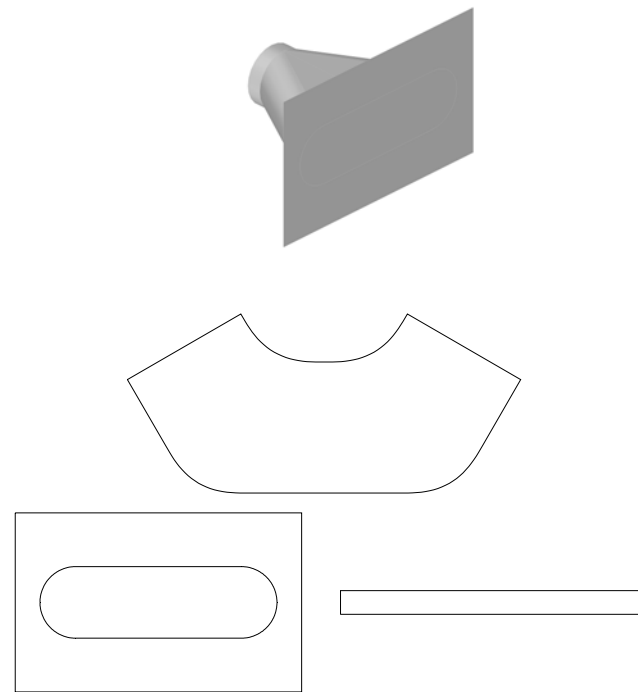
S1=None

S2=None

Damper:

Pattern: 1199

Round



Dims	Options	Conn's
A=Diameter	Branch Parts=1	C1=None
B=Length	Plate Parts=1	C2=None
C=Extension	Seam Position=0.000	
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=None

S2=None

Damper: None

Pattern: 1205

Round/Equipment



Dims	Options	Conn's
A=Pipe Diameter	Lines Input=Quantity	C1=None
B=Width	Horizontal Lines=10	
C=Length	Vertical Lines=10	
D=Thickness	Depth Input=Inside	
E=Frame Width		
F=Frame Length		
G=Depth		

Seams

Damper:

Pattern: 1239

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Profile=Round	C1=None
B=Bearer Extn	Block Thickness=0.000	C2=None
C=Right Rod Extn Above	Block Length=0.000	C3=None
D=Left Rod Extn Above	Number Of Round Sections=Auto	
E=Rod Extn Below	Drop Rod Diameter=0.400	
F=Length A	Bearer Width=2.000	
G=Length B	Bearer Thickness=0.400	
H=Supported Width	Area of Influence=0.000	
I=Supported Depth	A of I: Filled Circle=No	
J=Right Rod Offset	A of I: Circle Thickness=0.100	
K=Left Rod Offset	Export=All	
L=Centre Offset	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1240

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Rod Extn Above	Block Length=0.000	C2=None
C=Width	Number Of Round Sections=Auto	C3=None
D=Depth	Drop Rod Diameter=0.400	
E=Length	Bearer Width=2.000	
F=Arrow Length	Bearer Thickness=0.400	
G=Arrow Width	Area of Influence=0.000	
H=Arrow Offset	A of I: Filled Circle=No	
I=Arrow Rotation	A of I: Circle Thickness=0.100	
J=Length A	Export=All	
K=Length B	Export Rod Size=Yes	
L=Supported Width	Use Support Settings=Yes	
M=Supported Depth	Point Load A=0.000	
N=Centre Offset	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1242

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Bearer Extn	Block Length=0.000	C2=None
C=Rod Extn Above	Number Of Round Sections=Auto	C3=None
D=Arrow Length	Drop Rod Diameter=0.400	
E=Arrow Width	Bearer Width=2.000	
F=Arrow Offset	Bearer Thickness=0.400	
G=Arrow Rotation	Area of Influence=0.000	
H=Length A	A of I: Filled Circle=No	
I=Length B	A of I: Circle Thickness=0.100	
J=Supported Width	Export=All	
K=Supported Depth	Export Rod Size=Yes	
L=Centre Offset	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1243

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Lap	Bearer Width=2.000	
F=Rod Extn Below	Bearer Thickness=0.400	
G=Rod Extn Above	Hex End=Yes	
H=Length A	Roller Rod Diameter=0.600	
I=Length B	Area of Influence=0.000	
J=Supported Width	A of I: Filled Circle=No	
K=Supported Depth	A of I: Circle Thickness=0.100	
L=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1244

Round/Standard/Equipment



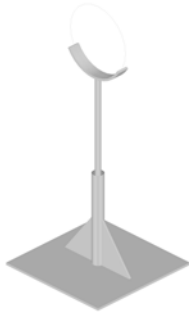
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Lap	Bearer Width=2.000	
F=Rod Extn Below	Bearer Thickness=0.400	
G=Rod Extn Above	Hex End=Yes	
H=Length A	Roller Rod Diameter=0.600	
I=Length B	Area of Influence=0.000	
J=Supported Width	A of I: Filled Circle=No	
K=Supported Depth	A of I: Circle Thickness=0.100	
L=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	High Detail Roller=No	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1245

Round/Standard/Equipment



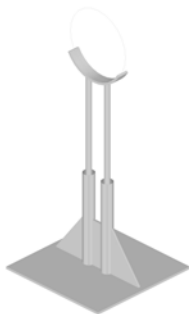
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Base Width	Block Length=0.000	C2=None
C=Base Depth	Number Of Round Sections=Auto	C3=None
D=Thickness	Drop Rod Diameter=2.000	
E=Pipe Length	Bearer Width=2.000	
F=Centreline Length	Bearer Thickness=0.400	
G=Gusset Length	Roller Rod Diameter=1.000	
H=Gusset Height	Turnover=0.000	
I=Length A	Export=All	
J=Length B	Export Rod Size=Yes	
K=Supported Width	Use Support Settings=Yes	
L=Supported Depth	Point Load A=0.000	
M=Centre Offset	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1246

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Base Width	Block Length=0.000	C2=None
C=Base Depth	Number Of Round Sections=Auto	C3=None
D=Thickness	Drop Rod Diameter=2.000	
E=Pipe Length	Bearer Width=2.000	
F=Centreline Length	Bearer Thickness=0.400	
G=Gusset Length	Roller Rod Diameter=1.000	
H=Gusset Height	Turnover=0.000	
I=Offset	Export=All	
J=Length A	Export Rod Size=Yes	
K=Length B	Use Support Settings=Yes	
L=Supported Width	Point Load A=0.000	
M=Supported Depth	Point Load B=0.000	
N=Centre Offset	Insulation Shield=No	

Seams

Damper:

Pattern: 1247

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Profile=Round	C1=None
B=Bearer Extn	Block Thickness=0.000	C2=None
C=Right Rod Extn Above	Block Length=0.000	C3=None
D=Left Rod Extn Above	Number Of Round Sections=Auto	
E=Rod Extn Below	Drop Rod Diameter=0.400	
F=Length A	Bearer Width=2.000	
G=Length B	Bearer Thickness=0.400	
H=Supported Width	Area of Influence=0.000	
I=Supported Depth	A of I: Filled Circle=No	
J=Right Rod Offset	A of I: Circle Thickness=0.100	
K=Left Rod Offset	Export=All	
L=Centre Offset	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1249

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Rod Extn Below	Bearer Width=2.000	
F=Rod Extn Above	Bearer Thickness=0.400	
G=Length A	Hex End=Yes	
H=Length B	Area of Influence=0.000	
I=Supported Width	A of I: Filled Circle=No	
J=Supported Depth	A of I: Circle Thickness=0.100	
K=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1522

Round/Flat Oval/Equipment



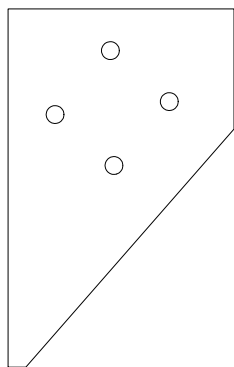
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 125

Standard



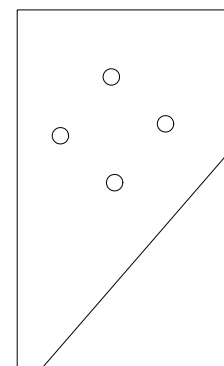
Dims	Options	Conn's
A=X-Offset	Holes On Length=2	
B=Y-Offset		
C=X Pitch		
D=Y Pitch		
E=Hole Inset		
F=Hole Spacing		
G=Hole Spacing		
H=Top Width		
I=Right Height		
J=Right Offset		
K=Btm Width		
L=Hole Diameter		
M=Inset		
N=X Distance		
O=Y Distance		

Seams

Damper:

Pattern: 126

Standard



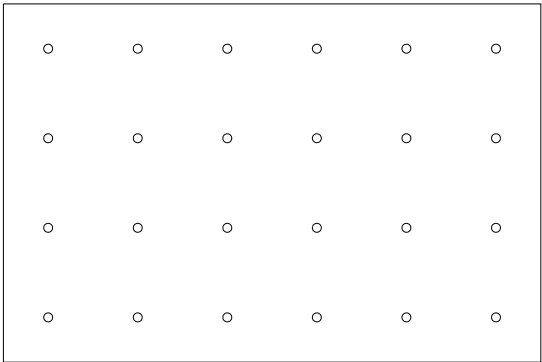
Dims	Options	Conn's
A=X-Offset	Holes On Length=2	
B=Y-Offset		
C=X Pitch		
D=Y Pitch		
E=Hole Inset		
F=Hole Spacing		
G=Hole Spacing		
H=Top Width		
I=Left Height		
J=Inset		
K=Hole Diameter		
L=Inset		
M=X Distance		
N=Y Distance		

Seams

Damper:

Pattern: 127

Standard



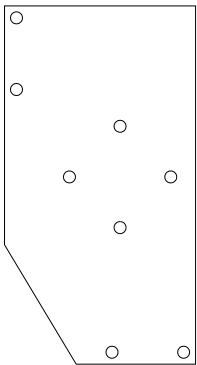
Dims	Options	Conn's
A=Width	Vee Notch Angle=90	
B=Depth	Duct Adjust=0.000	
C=X-Offset		
D=Y-Offset		
E=X Distance		
F=Y Distance		
G=Holes On Length		
H=Holes On Height		
I=Hole Diameter		

Seams

Damper:

Pattern: 128

Standard



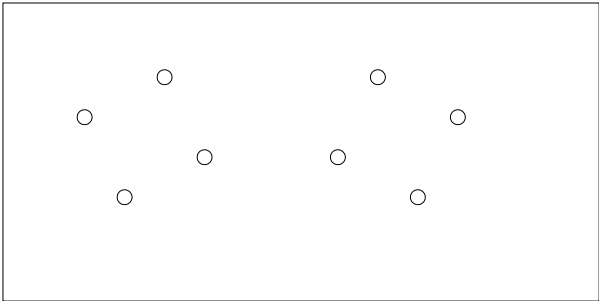
Dims	Options	Conn's
A=X-Offset	Holes On Length=2	
B=Y-Offset	Corner Style=Mitred	
C=X Pitch	Hole Diameter=0.500	
D=Y Pitch	Holes On Width=2	
E=Hole Inset	Hole Spacing=3.000	
F=Hole Spacing	Hole Inset=0.500	
G=Hole Spacing	Hole Offset=0.500	
H=Top Width	Holes On Height=2	
I=Right Height	Hole Spacing=3.000	
J=Left Height	Hole Inset=0.500	
K=Btm Width	Hole Offset=0.500	
L=Hole Diameter		
M=Inset		
N=X Distance		
O=Y Distance		

Seams

Damper:

Pattern: 129

Standard

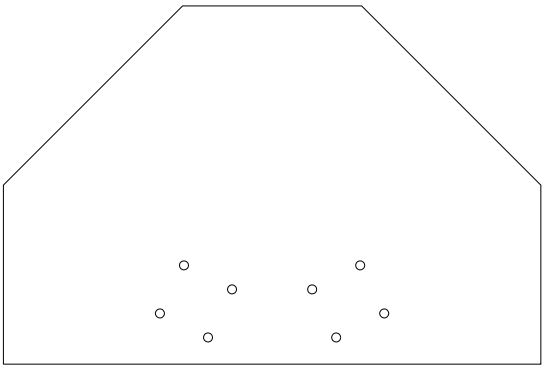


Dims	Options	Conn's
A=X-Offset	Holes On Length=2	
B=Y-Offset	Holes On Length=2	
C=Width	Hole Diameter=0.500	
D=Height		
E=X Pitch		
F=Y Pitch		
G=Hole Inset		
H=Hole Spacing		
I=Hole Spacing		
J=Inset		
K=X Distance		Seams
L=Y Distance		
M=X Pitch		
N=Y Pitch		
O=Hole Inset		
P=Hole Spacing		
Q=Hole Spacing		
R=Inset		
S=X Distance		
T=Y Distance		

Damper:

Pattern: 130

Standard

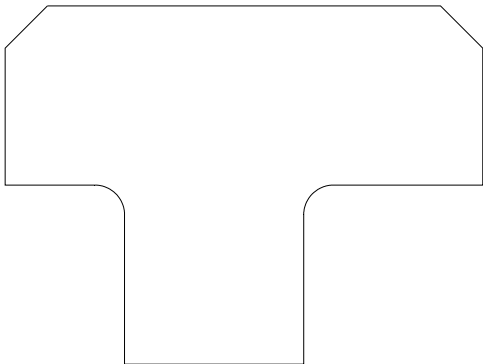


Dims	Options	Conn's
A=X-Offset	Holes On Length=2	
B=Y-Offset	Holes On Length=2	
C=Width	Hole Diameter=0.500	
D=Top Width		
E=Left Height		
F=Right Height		
G=X Distance		
H=Y Distance		
I=X Pitch		
J=Y Pitch		
K=Hole Inset		Seams
L=Hole Spacing		
M=Hole Spacing		
N=X Distance		
O=Y Distance		
P=X Pitch		
Q=Y Pitch		
R=Hole Inset		
S=Hole Spacing		
T=Hole Spacing		
U=X Distance		
V=Y Distance		

Damper:

Pattern: 141

Standard



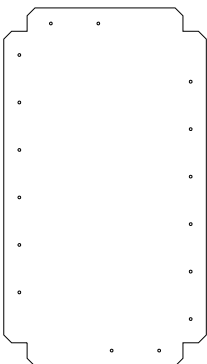
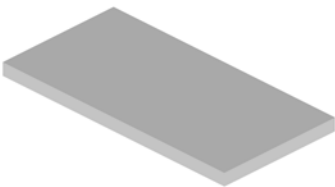
Dims	Options	Conn's
A=Left Width		
B=Btm Width		
C=Right Width		
D=Base Height		
E=Right Height		
F=Hole Inset		
G=Hole Offset		
H=Hole Spacing		
I=Hole Spacing		
J=Hole Diameter		
K=Holes On Length		
L=Holes On Height		
M=Inner Radius		
N=Corner		

Seams

Damper:

Pattern: 158

Standard



Dims	Options	Conn's
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:

Pattern: 202

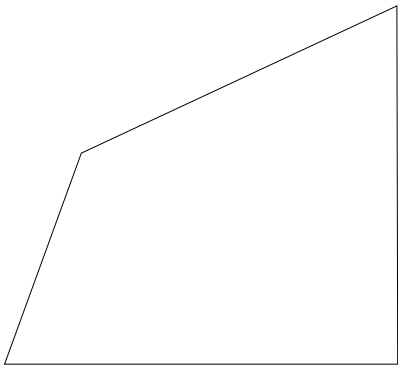
Standard

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



Seams

Damper:



Pattern: 203

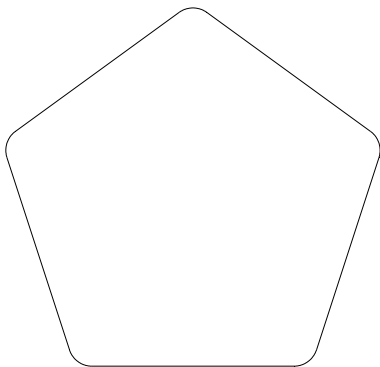
Standard

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



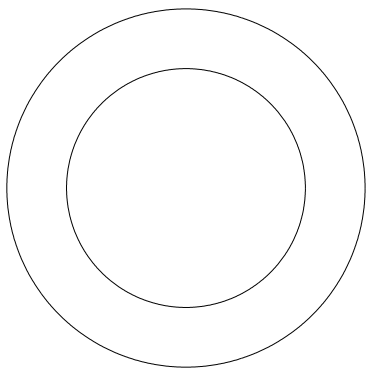
Seams

Damper:



Pattern: 204

Standard



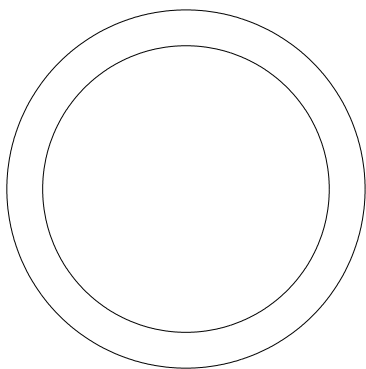
Dims	Options	Conn's
A=Outer Diameter	Number Of Parts=1	
B=Inner Diameter	Parts To Cut=All	
	Seam For Weathering=No	
	Fixing Holes On Extension=0.000	
	Notch Angle For Seam=Arc	

Seams
S1=None

Damper:

Pattern: 205

Standard

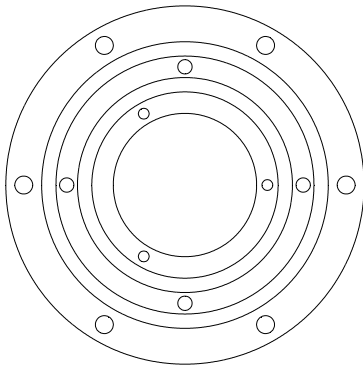


Dims	Options	Conn's
A=Outside Diameter	Parts=1	
B=Inside Diameter		

Seams
S1=None

Damper:

Pattern: 206 Standard

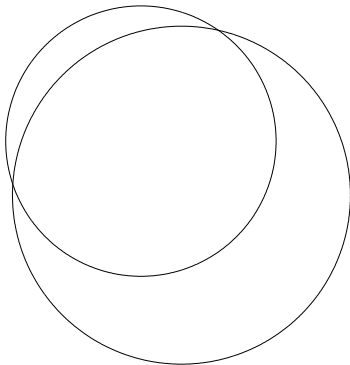


Dims	Options	Conn's
A=Outside Diameter		
B=Hole Diameter		
C=Angle		
D=Inside Diameter		
E=Outside Diameter		
F=Hole Diameter		
G=Angle		
H=Inside Diameter		
I=Outside Diameter		
J=Hole Diameter		
K=Angle		
L=Inside Diameter		

Seams

Damper:

Pattern: 207 Standard



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

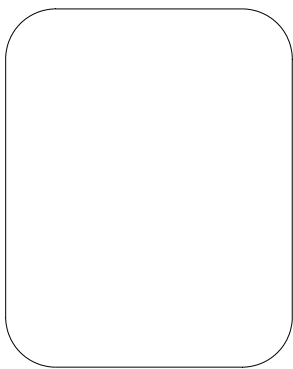
Seams

S1=None

Damper:

Pattern: 208

Standard



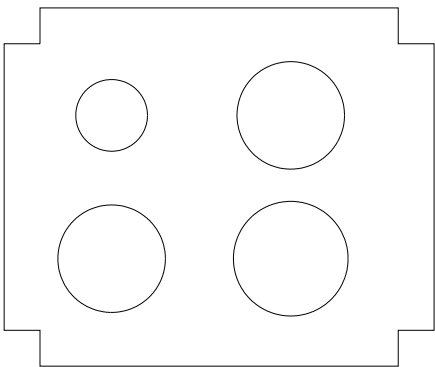
Dims		Options	Conn's
A=Height	B=Width		
C=Radius			

Seams

Damper:

Pattern: 209

Standard



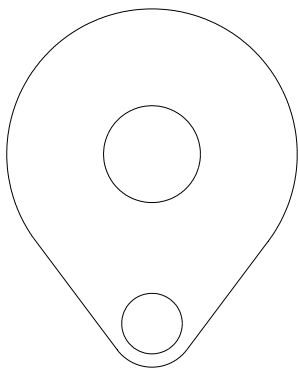
Dims		Options	Conn's
A=Height	B=Width		
C=Turnover	D=Diameter		
E=X-Offset	F=Y-Offset		
G=Diameter	H=X-Offset		
I=Y-Offset	J=Diameter		
K=X-Offset	L=Y-Offset		
M=Diameter	N=X-Offset		
O=Y-Offset			

Seams

Damper:

Pattern: 210

Standard



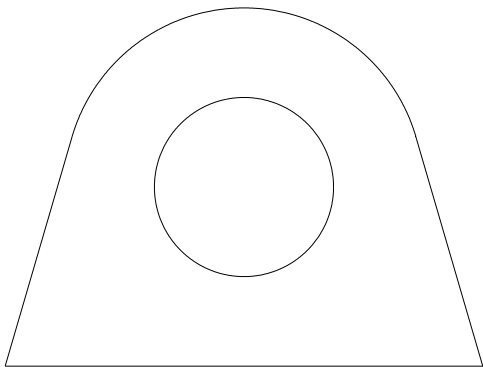
Dims	Options	Conn's
A=Top Diameter		
B=Bottom Diameter		
C=Hole Diameter		
D=Hole Diameter		
E=Y Distance		

Seams

Damper:

Pattern: 211

Standard



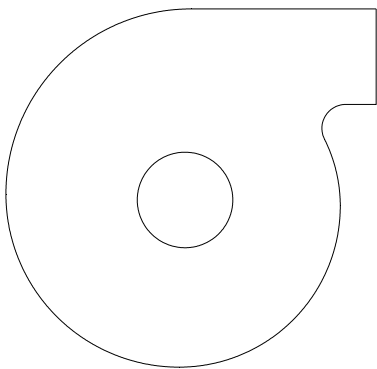
Dims	Options	Conn's
A=Height		
B=Width		
C=Radius		
D=Hole Radius		

Seams

Damper:

Pattern: 212

Standard



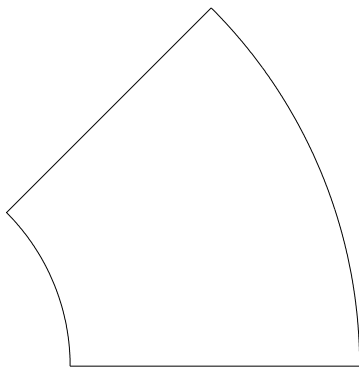
Dims	Options	Conn's
A=Height	Wrapper Length Adjust=0.000	
B=Throat Radius	Mirror=No	
C=Length Out		
D=Width Out		
E=Centre Radius		
F=Fixing Radius		
G=Radius Decrement		
H=Fixing Hole Diameter		
I=Number Of Holes		
J=Wrapper Depth		

Seams

Damper:

Pattern: 213

Standard



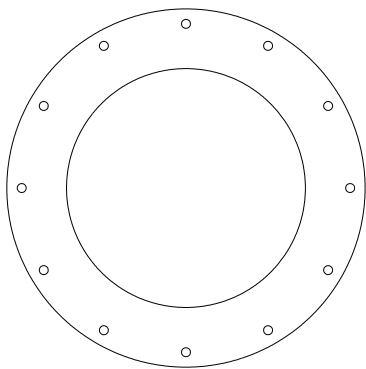
Dims	Options	Conn's
A=Inner Radius		
B=Angle		
C=Length		

Seams

Damper:

Pattern: 215

Standard



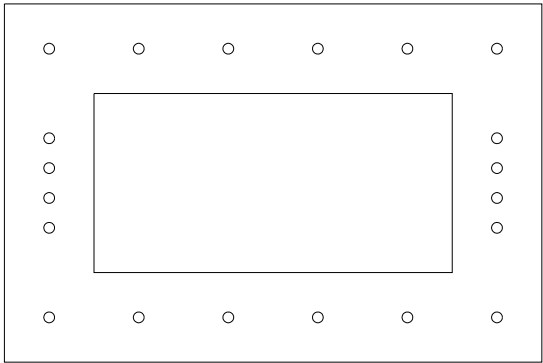
Dims	Options	Conn's
A=Outer Diameter	Number Of Parts=1	
B=Inner Diameter		
C=Fixing Diameter		
D=Hole Diameter		
E=Number Of Holes		
F=Hole Length		

Seams

Damper:

Pattern: 216

Standard



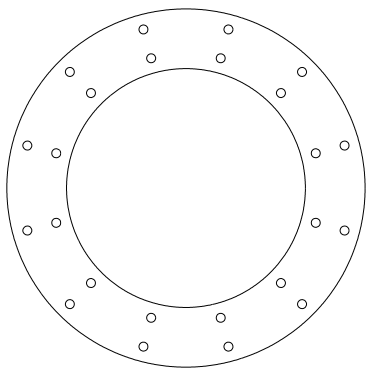
Dims	Options	Conn's
A=Length	Holes On Length=6	
B=Height	Holes On Height=6	
C=Length	Hole Diameter=0.480	
D=Height	Cut Corner Holes ?=Yes	
E=X-Offset	2 Parts=No	
F=Y-Offset		
G=X Distance		
H=Y Distance		
I=X-Offset		
J=Y-Offset		
K=Outside Corner Radius		

Seams

Damper:

Pattern: 218

Standard



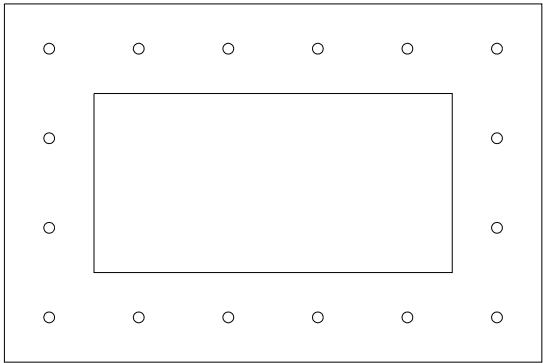
Dims	Options	Conn's
A=Outer Diameter		
B=Inner Diameter		
C=Fixing Diameter		
D=Hole Diameter		
E=Number Of Holes		
F=Hole Angle		
G=Fixing Diameter		
H=Hole Diameter		
I=Number Of Holes		
J=Hole Angle		
K=Hole Length		
L=Hole Length		

Seams

Damper:

Pattern: 220

Standard



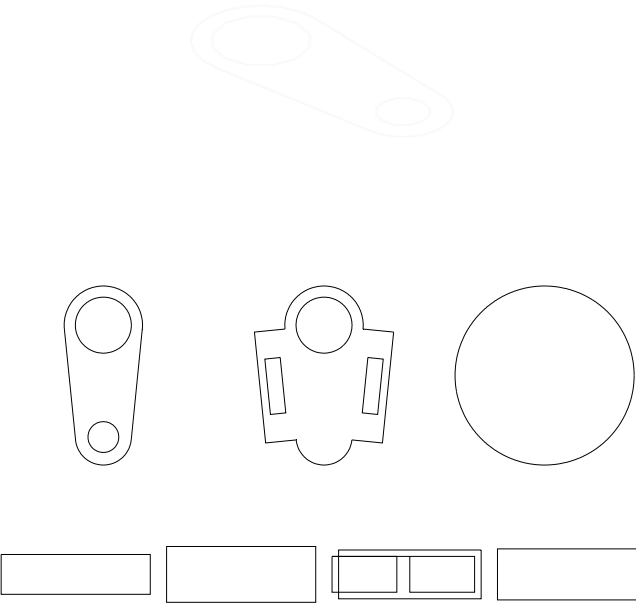
Dims	Options	Conn's
A=Length	Hole Diameter=0.480	
B=Height	Cut Corner Holes ?=Yes	
C=Length	2 Parts=No	
D=Height		
E=X-Offset		
F=Y-Offset		
G=X Distance		
H=Y Distance		
I=X-Offset		
J=Y-Offset		
K=Outside Corner Radius		

Seams

Damper:

Pattern: 221

Standard



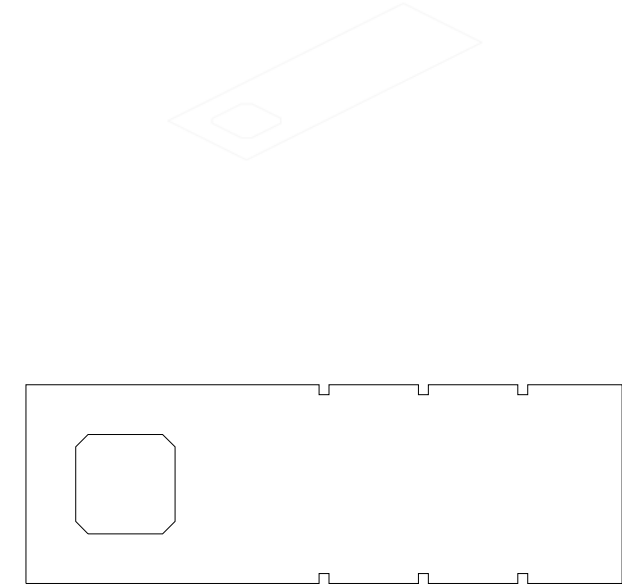
Dims	Options	Conn's
A=Height	Slotted Hole=Yes	
B=Y-Offset	Hole Diameter=0.000	
C=Top Radius	Slotted Hole=0	
D=Top Hole Diameter	Hole Spacing=0.000	
E=Bottom Radius	Adjust=0.000	
F=Bottom Hole Diameter		
G=Depth		
H=Plate Diameter #1		
I=P.C.D. #1		
J=Hole Diameter #1		
K=Number Of Holes #1		
L=Turnover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

Seams

Damper:

Pattern: 228

Standard



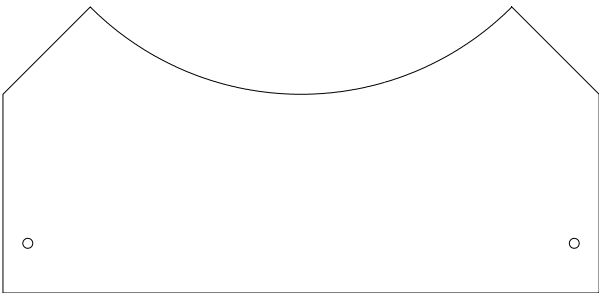
Dims	Options	Conn's
A=Width	Notch=	
B=Length #1	Notch=	
C=Length #2	Notch=	
D=Length #3	Notch=	
E=Length #4	Use First For All=No	
F=Hole Inset	Width=0.800	
G=Hole Offset	Depth=0.800	
H=Hole Width	Vee Notch Angle=45.000	
I=Hole Length	Cut Corner Holes ?=1.000	

Seams

Damper:

Pattern: 230

Standard



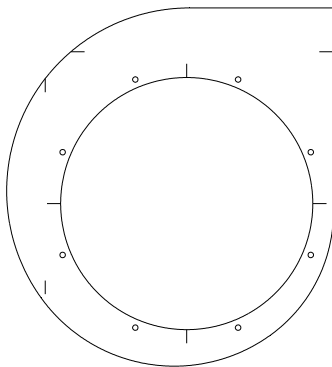
Dims	Options	Conn's
A=Width		
B=Height		
C=End Height		
D=Centre Radius		
E=Hole Diameter #1		
F=X-Offset #1		
G=Y-Offset #1		
H=Fixing Radius #2		
I=Number Of Holes #2		
J=Hole Diameter #2		
K=Hole Angle #2		

Seams

Damper:

Pattern: 301

Standard



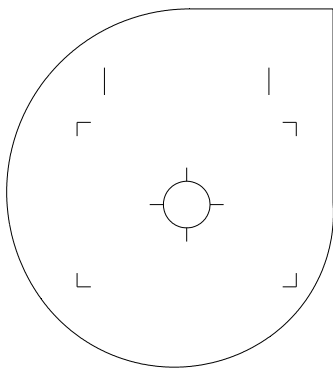
Dims	Options	Conn's
A=X Centre	Mirror=No	
B=B	Scribe Centres=Yes	
C=Y Centre	Scribe Stiffeners=Yes	
D=D	Scribe Lugs=Yes	
E=Diameter	Number Of Holes=8	
F=Y Stiffener	Hole Diameter=0.400	
G=X Stiffener		
H=J		
I=K		
J=L		
K=M		
L=N		
M=P		
N=P.C.D.		
O=Rotation		

Seams

Damper:

Pattern: 302

Standard



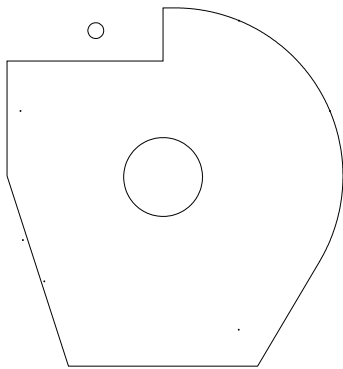
Dims	Options	Conn's
A=X Centre	Mirror=No	
B=B	Scribe Centres=Yes	
C=Y Centre	Scribe Stiffeners=Yes	
D=D	Scribe Lugs=Yes	
E=Diameter	Lugs X Centre=-6.000	
F=X Stiffener	Lugs Y Centre=10.000	
G=Y Stiffener	Lugs X Centre=6.000	
H=J	Lugs Y Centre=10.000	
I=K	Lugs Length=2.000	
J=L	Stiffeners X Size =16.000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

Seams

Damper:

Pattern: 308

Standard



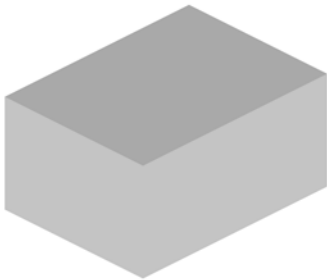
Dims	Options	Conn's
A=Width	Bolts=0	
B=Depth	Hole Angle=0.000	
C=X Distance	Fixing Hole Diameter=Marked	
D=Y Distance	Hole Spacing=50	
E=Length #1	Hole Inset=100	
F=Angle #1	Cut Side=No	
G=Length #2		
H=Angle #2		
I=Length #3		
J=Angle #3		
K=Length #4		
L=Angle #4		
M=Hole Angle		
N=Hole Diameter		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

Seams

Damper:

Pattern: 521

Rectangular/Standard/Equipment



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

Seams

Damper:

Pattern: 803

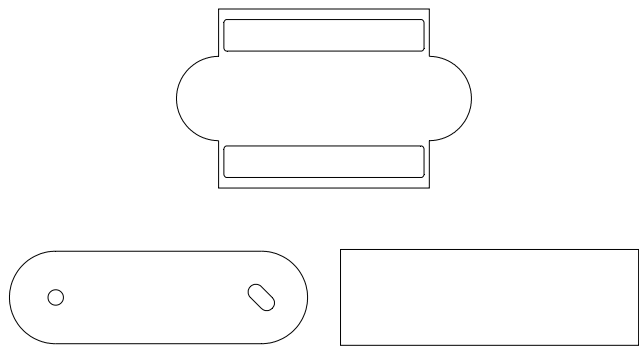
Standard



Dims		Options	Conn's
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			

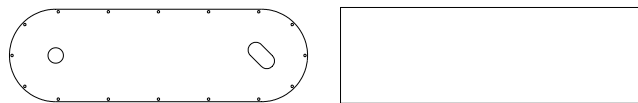
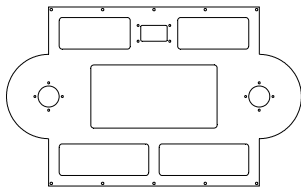
Seams

Damper:



Pattern: 804

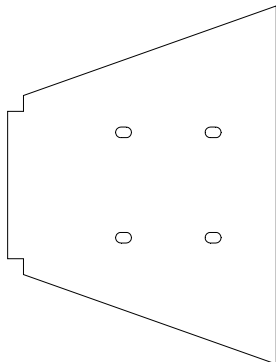
Standard



Dims	Options	Conn's
A=Length	Wrapper Width Adjust=0.080	
B=Radius	Centre Hole=Yes	
C=Depth	Side Holes=Yes	
D=Turnover	Centre Hole=Yes	
E=Border		
F=Corner Radius		
G=Hole Diameter		
H=Slot Width		
I=Slot Length		
J=Slot Angle		
K=Fixing Hole Diameter		Seams
L=Edge Hole Diameter		
M=Hole Spacing		
N=Border		
O=Hole Diameter		
P=P.C.D.		
Q=Hole Length		Damper:
R=Hole Width		
S=Corner Radius		
T=Hole Spacing		

Pattern: 805

Standard



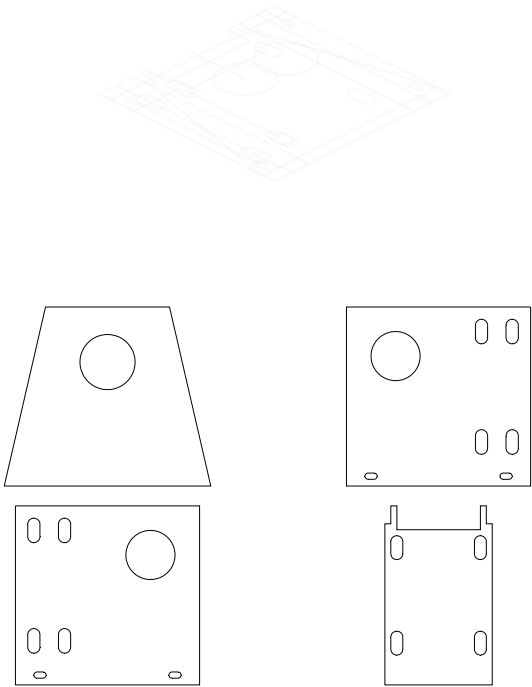
Dims	Options	Conn's
A=Width		
B=Length		
C=Height		
D=Turnover		
E=Y Distance		
F=X Distance		
G=Inset		
H=Hole Length		
I=Hole Width		

Seams

Damper:

Pattern: 806

Standard



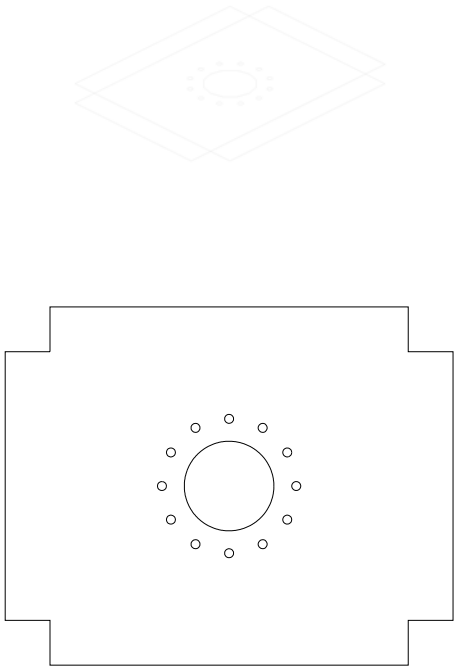
Dims	Options	Conn's
A=Top Width	Width Adjust=0.000	
B=Btm Width	Side Holes=Yes	
C=Height	3 Parts=Yes	
D=Length	Allowance=Thickness	
E=Hole Inset		
F=Hole Diameter		
G=Turnover		
H=Hole Spacing		
I=Hole Inset		
J=Hole Offset		
K=Hole Length		
L=Hole Width		
M=Hole Spacing		
N=Hole Spacing		
O=Hole Inset		
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:

Pattern: 833

Standard



Dims	Options	Conn's
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:

Pattern: 838

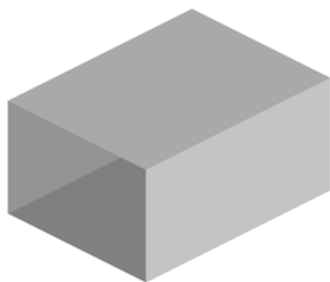
Round/Standard/Equipment



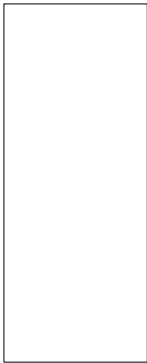
Dims		Options	Conn's
A=Diameter		Type=Profiled Bearer	C1=None
B=Bearer Extn		Profile=Round	C2=None
C=Left Angle		Pipework=No	C3=None
D=Right Angle		Number Of Round Sections=Auto	
E=Rod Extn Above		Drop Rod Diameter=0.400	
F=Rod Extn Below		Bearer Width=2.000	
G=Length A		Bearer Thickness=0.400	
H=Length B		Oversized Item=No	
I=Supported Width		Area of Influence=0.000	
J=Supported Depth		Export=All	
K=Right Rod Offset		Front Seismic Rod=No	Seams
L=Left Rod Offset		Back Seismic Rod=No	
M=Centre Offset		Left Seismic Rod=No	
		Right Seismic Rod=No	
		Front Seismic Rod=No	
		Back Seismic Rod=No	Damper:
		Left Seismic Rod=No	
		Right Seismic Rod=No	
		Add Rod Size=No	
		A of I: Filled Circle=No	
		A of I: Circle Thickness=0.100	
		Use Support Settings=No	
		Point Load A=0.000	
		Point Load B=0.000	
		Stretch Rods Separately=No	

Pattern: 861

Rectangular/Standard



Dims		Options	Conn's
A=Width	B=Depth	Type=1 Part Straight	C1=None
C=Length		Notch Angle For Lid=45.000	
		Lid Adjust=0.000	
		Cost Supports=No	

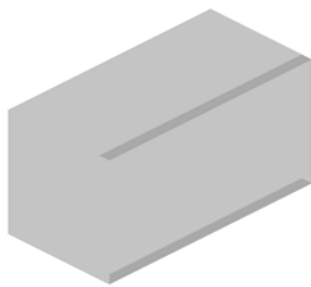


Seams
S1=None
S2=None

Damper:

Pattern: 898

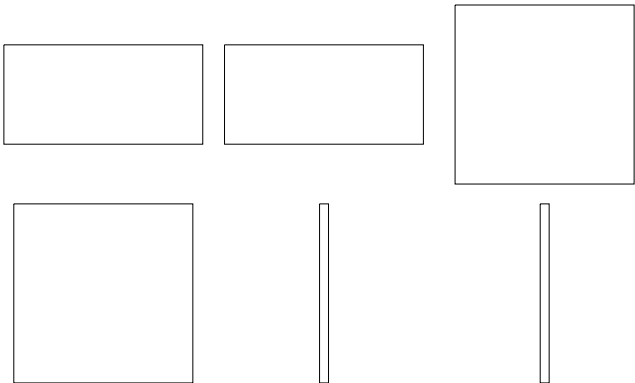
Rectangular/Standard



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

Seams

Damper:



Pattern: 902

Rectangular/Round/Flat Oval/Standard/Equipment

Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	

Seams

Damper:

Pattern: 910

Rectangular/Standard/Structure/Equipment



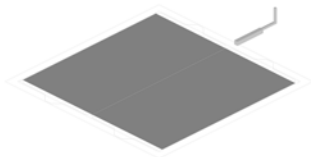
Dims	Options	Conn's
A=Depth	Type=Full	C1=None
B=Width	Rotation=Vertical	C2=None
C=Height	Closed=Yes	
D=Flange	Hole Type=Circle/Ellipse	
E=Flange	Draw as Single Line=No	
F=Radius	Full=No	
G=Radius	Connectors=Yes	
H=Web	Hole Rotation=0	
I=Left Horizontal Angle	Export=No	
J=Right Horizontal Angle		
K=Left 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		
U=Plate Width #1		
V=Plate Depth #1		
W=Plate Thickness #1		
X=Plate Inset #1		
Y=Plate Offset #1		
Z=Plate Width #2		
a=Plate Depth #2		
b=Plate Thickness #2		

Seams

Damper:

Pattern: 921

Rectangular/Standard



Dims	Options	Conn's
A=Width	Type=Rectangular	C1=None
B=Depth	Vee Notch Depth=0.000	
C=Insulation	Vee Notch Angle=0.000	
D=Duct Adjust		
E=Maximum Width		
F=Corner		
G=Centre		

Seams

Damper:



Pattern: 928

Round/Standard/Equipment

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

Seams

Damper:

Pattern: 960

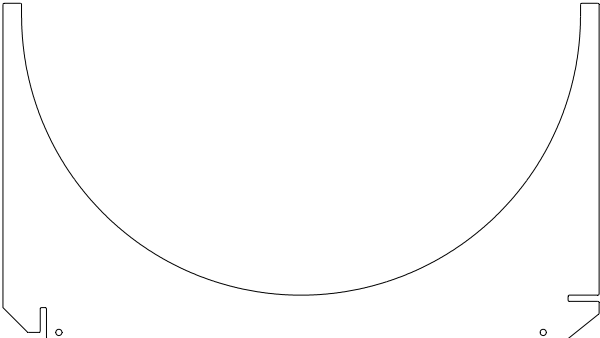
Standard



Dims	Options	Conn's
A=R	Number Of Holes=2	
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:



Pattern: 961

Standard



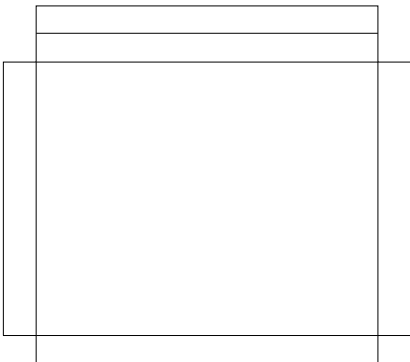
Dims	Options	Conn's
A=A	Chamfer=No	
B=B	Number Of Holes=2	
C=R		
D=X1		
E=X2		
F=X4		
G=Y1		
H=Y3		
I=Y4		
J=D		
K=R2		
L=R3		
M=Hole Offset		
N=Hole Inset		

Seams

Damper:

Pattern: 966

Rectangular/Standard



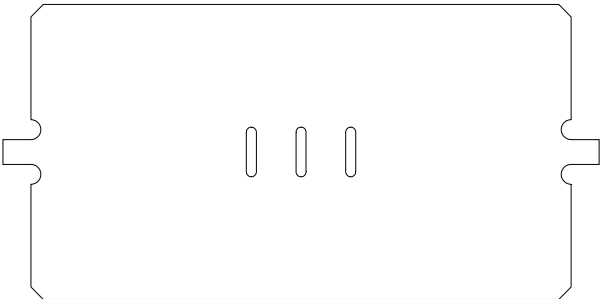
Dims	Options	Conn's
A=Width	Top Folds=2	C1=None
B=Depth	Bottom Folds=1	
C=Top Extension #1	Left Folds=1	
D=Top Fold Angle #1	Right Folds=1	
E=Top Extension #2	Attach=	
F=Top Fold Angle #2	Attacher Side=Top	
G=Bottom Extension #1	Attacher Extension=1	
H=Bottom Fold Angle #1	Mirror Left/Top=Auto	
I=Left Extension #1	Rotate Left/Top=Auto	
J=Left Fold Angle #1	Mirror Right/Bottom=Auto	
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		

Seams

Damper:

Pattern: 969

Standard

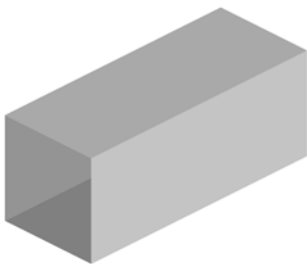


Dims		Options	Conn's
A=Width		Add Allowance To Body=Yes	C1=None
B=Depth			
C=Notch Diameter			
D=Insulation			
E=Duct Adjust			
F=Maximum Width			
G=Corner			
H=Centre			
I=Slot Width			
J=Slot Length			
K=Slot Spacing			
			Seams

Damper:

Pattern: 972

Rectangular/Standard

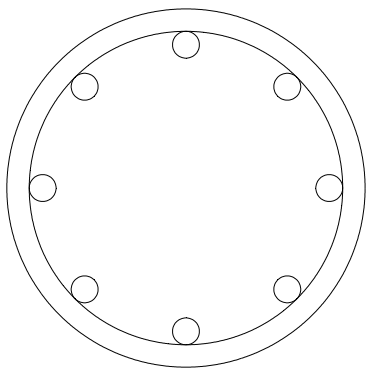


Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	C3=None
		Connector Fold Notch=Use Default	C4=None
		Vee Notch Depth=Auto	C5=None
		Vee Notch Angle=30.000	C6=None
		Connector Fold Notch=Use Default	
		Vee Notch Depth=Auto	
		Vee Notch Angle=30.000	
		Beading=No	
		Vertical=No	
		Adjust=0.000	
		Right Offset=6.000	
		Left Offset=6.000	
		Insulation UI=Shortest Side	
			Seams

Damper:

Pattern: 974

Standard



Dims	Options	Conn's
A=Outside Diameter	Parts=1	
B=Inside Diameter		
C=Hole Diameter		
D=Number Of Holes		
E=Stitch Gap		

Seams
S1=None

Damper:

Pattern: 985

Standard/Structure



Dims	Options	Conn's
A=Total Length	Strut Shape=Rectangular	C1=None
B=Beam Length #1	Number Of V-Sections=2	C2=None
C=Beam Length #2	Up Struts=No	C3=None
D=Beam Width	Down Struts=No	C4=None
E=Upper Inset	Joint Position=Centre	
F=Lower Inset	Input=Beam Lengths	
G=Beam Height		
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:

Pattern: 994

Standard/Equipment

Dims	Options	Conn's
A=Length	Length=Central	C1=None
B=Front Angle	Width Scale=1.000	C2=None
C=Back Angle	Height Scale=1.000	
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	
	Develop=Both Cheeks	
	Vee Depth Male=Auto	
	Vee Angle Male=0	
	Develop Ends=Seam 1	
	CAD Nodes=Straight	
	Notches In Arcs=No	
	Open Islands=Leave Open	
	Wrap Parts=1	
	Seam Position=0	
	Vee Depth Female=Auto	
	Vee Angle Female=0	

Seams
S1=None
S2=None

Damper:

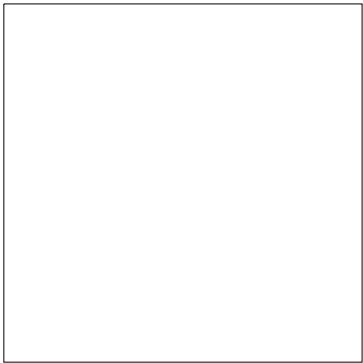
Pattern: 1101

Rectangular/Round/Flat Oval/Standard/Equipment

Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	
	Faces=No	

Seams

Damper:



Pattern: 1105

Rectangular/Standard

Dims	Options	Conn's
Show Elements=All		

Seams

Damper:

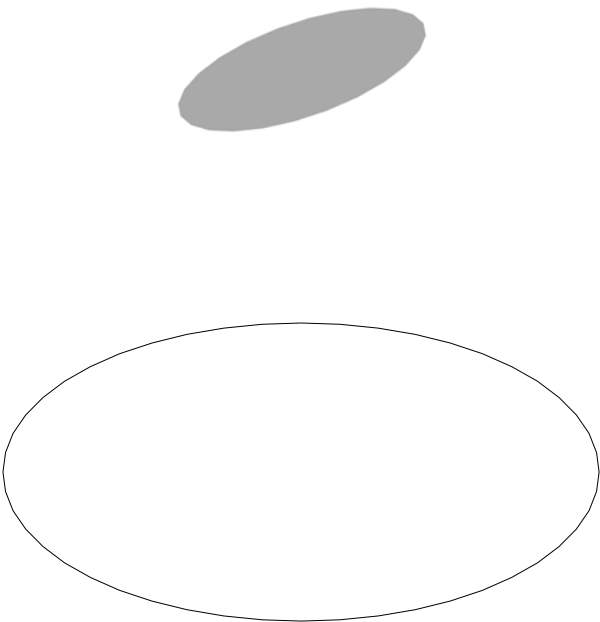
Pattern: 1142

Standard

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

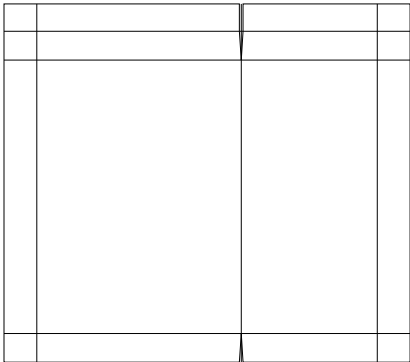
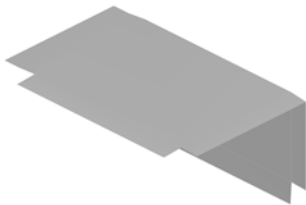
Seams

Damper:



Pattern: 1143

Rectangular/Standard



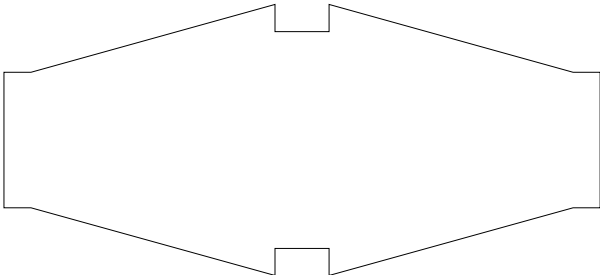
Dims	Options	Conn's
A=Left	Top Folds=2	C1=None
B=Depth	Bottom Folds=1	
C=Top Extension #1	Left Folds=1	
D=Top Fold Angle #1	Right Folds=1	
E=Top Extension #2	Attach=	
F=Top Fold Angle #2	Attacher Side=Left and Right	
G=Bottom Extension #1	Attacher Extension=Front	
H=Bottom Fold Angle #1		
I=Left Extension #1		
J=Left Fold Angle #1		
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:

Pattern: 1150

Standard



Dims	Options	Conn's
A=Length #1 B=Length #2		C1=None
C=Length #3 D=Height #1		
E=Height #2 F=Height #3		

Seams

S1=None

Damper:

Pattern: 1175

Round/Standard/Equipment

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

Seams

Damper:

Pattern: 1181

Standard

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

Seams

Damper:

Pattern: 1191

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Height	Symmetrical=Yes	C1=None
B=Length		C2=None
C=Thickness		
D=Left Width		
E=Left Height		
F=Width		

Seams

Damper:

Pattern: 1194

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Detail=Low	C1=None
B=Height		C2=None
C=Length		
D=Mid Width		
E=Mid Inset		
F=Mid Offset		
G=End Width		
H=End Height		
I=Thickness		
J=Radius		
K=Curve (0.0-1.0)		

Seams

Damper:

Pattern: 1238

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Pipework=No	C2=None
C=Bearer Extn	Drop Rod Diameter=0.400	C3=None
D=Left Angle	Bearer Width=2.000	
E=Right Angle	Bearer Thickness=0.400	
F=Right Rod Extn Above	Oversized Item=No	
G=Left Rod Extn Above	Area of Influence=0.000	
H=Rod Extn Below	A of I: Filled Circle=No	
I=Length A	A of I: Circle Thickness=0.100	
J=Length B	Export=All	
K=Supported Width	Export Rod Size=Yes	Seams
L=Supported Depth	Front Seismic Rod=No	
M=Right Rod Offset	Back Seismic Rod=No	
N=Left Rod Offset	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Front Seismic Rod=No	
	Back Seismic Rod=No	Damper:
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Pattern: 1239

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Profile=Round	C1=None
B=Bearer Extn	Block Thickness=0.000	C2=None
C=Right Rod Extn Above	Block Length=0.000	C3=None
D=Left Rod Extn Above	Number Of Round Sections=Auto	
E=Rod Extn Below	Drop Rod Diameter=0.400	
F=Length A	Bearer Width=2.000	
G=Length B	Bearer Thickness=0.400	
H=Supported Width	Area of Influence=0.000	
I=Supported Depth	A of I: Filled Circle=No	
J=Right Rod Offset	A of I: Circle Thickness=0.100	
K=Left Rod Offset	Export=All	Seams
L=Centre Offset	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	Damper:

Pattern: 1240

Round/Standard/Equipment



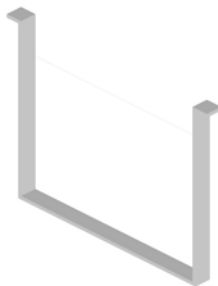
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Rod Extn Above	Block Length=0.000	C2=None
C=Width	Number Of Round Sections=Auto	C3=None
D=Depth	Drop Rod Diameter=0.400	
E=Length	Bearer Width=2.000	
F=Arrow Length	Bearer Thickness=0.400	
G=Arrow Width	Area of Influence=0.000	
H=Arrow Offset	A of I: Filled Circle=No	
I=Arrow Rotation	A of I: Circle Thickness=0.100	
J=Length A	Export=All	
K=Length B	Export Rod Size=Yes	
L=Supported Width	Use Support Settings=Yes	
M=Supported Depth	Point Load A=0.000	
N=Centre Offset	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1241

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Bearer Width=2.000	C2=None
C=Top Length	Bearer Thickness=0.400	C3=None
D=Bearer Extn	Area of Influence=0.000	
E=Length A	A of I: Filled Circle=No	
F=Length B	A of I: Circle Thickness=0.100	
G=Supported Width	Export=All	
H=Supported Depth	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Seams

Damper:

Pattern: 1242

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Bearer Extn	Block Length=0.000	C2=None
C=Rod Extn Above	Number Of Round Sections=Auto	C3=None
D=Arrow Length	Drop Rod Diameter=0.400	
E=Arrow Width	Bearer Width=2.000	
F=Arrow Offset	Bearer Thickness=0.400	
G=Arrow Rotation	Area of Influence=0.000	
H=Length A	A of I: Filled Circle=No	
I=Length B	A of I: Circle Thickness=0.100	
J=Supported Width	Export=All	
K=Supported Depth	Export Rod Size=Yes	
L=Centre Offset	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1243

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Lap	Bearer Width=2.000	
F=Rod Extn Below	Bearer Thickness=0.400	
G=Rod Extn Above	Hex End=Yes	
H=Length A	Roller Rod Diameter=0.600	
I=Length B	Area of Influence=0.000	
J=Supported Width	A of I: Filled Circle=No	
K=Supported Depth	A of I: Circle Thickness=0.100	
L=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1244

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Lap	Bearer Width=2.000	
F=Rod Extn Below	Bearer Thickness=0.400	
G=Rod Extn Above	Hex End=Yes	
H=Length A	Roller Rod Diameter=0.600	
I=Length B	Area of Influence=0.000	
J=Supported Width	A of I: Filled Circle=No	
K=Supported Depth	A of I: Circle Thickness=0.100	
L=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	High Detail Roller=No	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1245

Round/Standard/Equipment



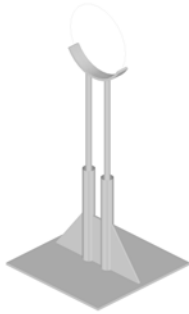
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Base Width	Block Length=0.000	C2=None
C=Base Depth	Number Of Round Sections=Auto	C3=None
D=Thickness	Drop Rod Diameter=2.000	
E=Pipe Length	Bearer Width=2.000	
F=Centreline Length	Bearer Thickness=0.400	
G=Gusset Length	Roller Rod Diameter=1.000	
H=Gusset Height	Turnover=0.000	
I=Length A	Export=All	
J=Length B	Export Rod Size=Yes	
K=Supported Width	Use Support Settings=Yes	
L=Supported Depth	Point Load A=0.000	
M=Centre Offset	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1246

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Base Width	Block Length=0.000	C2=None
C=Base Depth	Number Of Round Sections=Auto	C3=None
D=Thickness	Drop Rod Diameter=2.000	
E=Pipe Length	Bearer Width=2.000	
F=Centreline Length	Bearer Thickness=0.400	
G=Gusset Length	Roller Rod Diameter=1.000	
H=Gusset Height	Turnover=0.000	
I=Offset	Export=All	
J=Length A	Export Rod Size=Yes	
K=Length B	Use Support Settings=Yes	
L=Supported Width	Point Load A=0.000	
M=Supported Depth	Point Load B=0.000	
N=Centre Offset	Insulation Shield=No	

Seams

Damper:

Pattern: 1247

Round/Standard/Equipment



Dims	Options	Conn's
A=Diameter	Profile=Round	C1=None
B=Bearer Extn	Block Thickness=0.000	C2=None
C=Right Rod Extn Above	Block Length=0.000	C3=None
D=Left Rod Extn Above	Number Of Round Sections=Auto	
E=Rod Extn Below	Drop Rod Diameter=0.400	
F=Length A	Bearer Width=2.000	
G=Length B	Bearer Thickness=0.400	
H=Supported Width	Area of Influence=0.000	
I=Supported Depth	A of I: Filled Circle=No	
J=Right Rod Offset	A of I: Circle Thickness=0.100	
K=Left Rod Offset	Export=All	
L=Centre Offset	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1248

Rectangular/Standard/Equipment



Dims	Options	Conn's
A=Width	Profile=Rectangular	C1=None
B=Depth	Number Of Round Sections=Auto	C2=None
C=Bearer Extn	Drop Rod Diameter=0.400	C3=None
D=Right Rod Extn Above	Bearer Thickness=0.000	
E=Left Rod Extn Above	Hex End=Yes	
F=Rod Extn Below	Roller Rod Diameter=0.600	
G=Length A	Area of Influence=0.000	
H=Length B	A of I: Filled Circle=No	
I=Supported Width	A of I: Circle Thickness=0.100	
J=Supported Depth	Export=All	
	Export Rod Size=Yes	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	

Seams

Damper:

Pattern: 1249

Round/Standard/Equipment



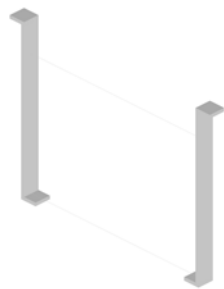
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Rod Extn Below	Bearer Width=2.000	
F=Rod Extn Above	Bearer Thickness=0.400	
G=Length A	Hex End=Yes	
H=Length B	Area of Influence=0.000	
I=Supported Width	A of I: Filled Circle=No	
J=Supported Depth	A of I: Circle Thickness=0.100	
K=Centre Offset	Export=All	
	Export Rod Size=Yes	
	Front Seismic Rod=No	
	Back Seismic Rod=No	
	Left Seismic Rod=No	
	Right Seismic Rod=No	
	Use Support Settings=Yes	
	Point Load A=0.000	
	Point Load B=0.000	
	Insulation Shield=No	

Seams

Damper:

Pattern: 1250

Rectangular/Standard/Equipment



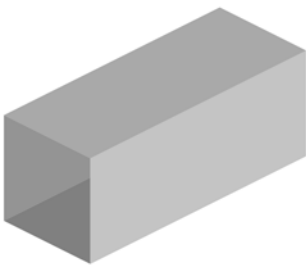
Dims		Options	Conn's
A=Width		Profile=Rectangular	C1=None
B=Depth		Bearer Width=2.000	C2=None
C=Top Length		Bearer Thickness=0.400	C3=None
D=Bearer Extn		Area of Influence=0.000	
E=Bottom Extension		A of I: Filled Circle=No	
F=Length A		A of I: Circle Thickness=0.100	
G=Length B		Straps=Both	
H=Supported Width		Export=All	
I=Supported Depth		Export Rod Size=Yes	
		Use Support Settings=Yes	
		Point Load A=0.000	
		Point Load B=0.000	

Seams

Damper:

Pattern: 1972

Rectangular/Standard



Dims		Options	Conn's
A=Width	B=Depth	Straight Type=1 Part Straight	C1=None
C=Length		Female Allow=Shortest Side	C2=None
		1xU,1xI=Shortest Side	C3=None
		Connector Fold Notch=Use Default	C4=None
		Vee Notch Depth=Auto	C5=None
		Vee Notch Angle=30.000	C6=None
		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 UI=Shortest Side	

Seams

S1=None

Damper: