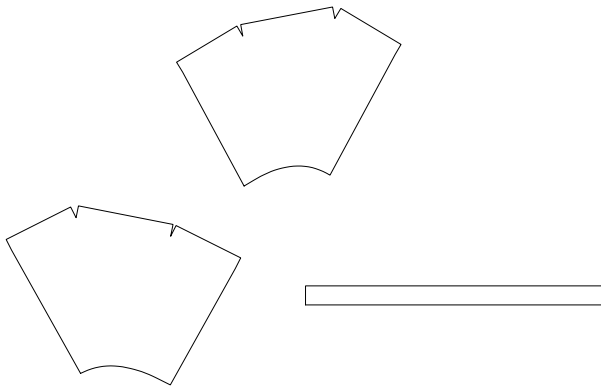
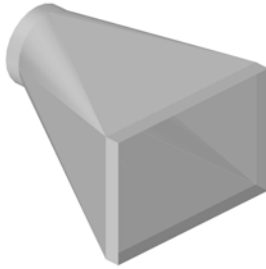


Pattern: 8

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	

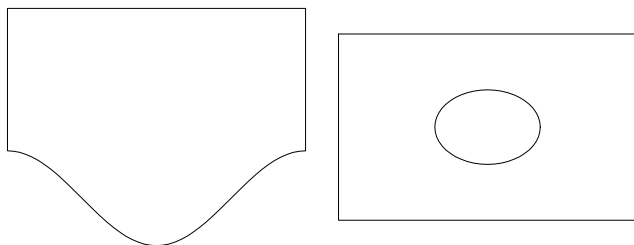
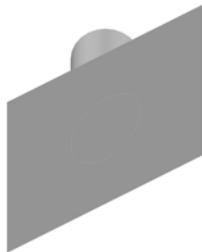
Seams

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

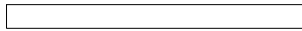
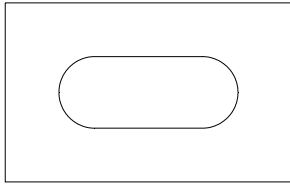
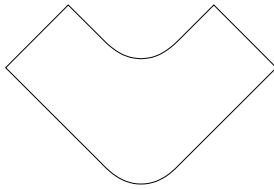
S1=None

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	

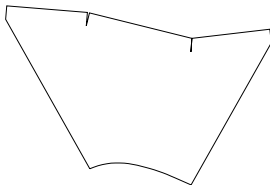
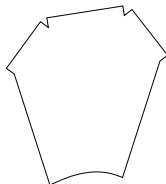
Seams

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	

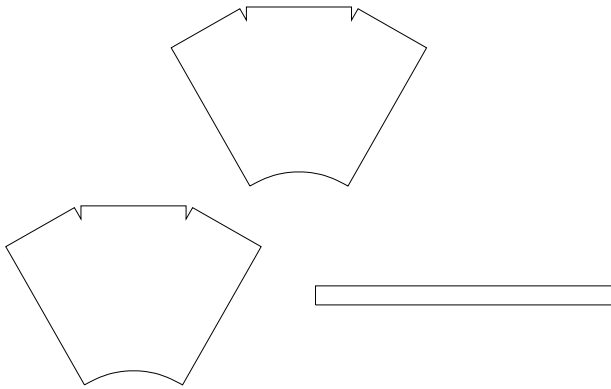
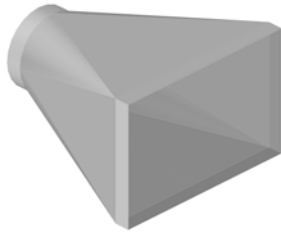
Seams

S1=None

Damper: None

Pattern: 29

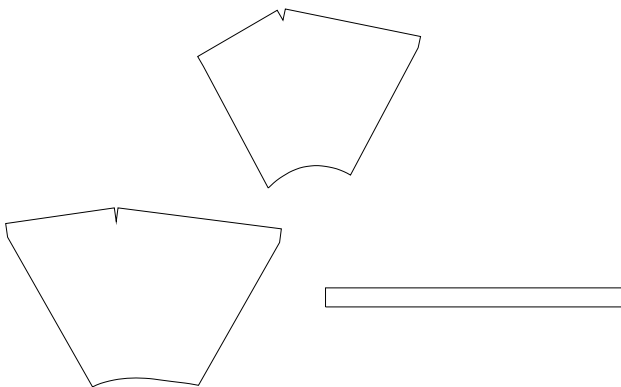
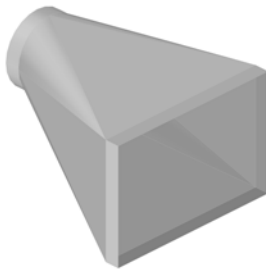
Rectangular/Round



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

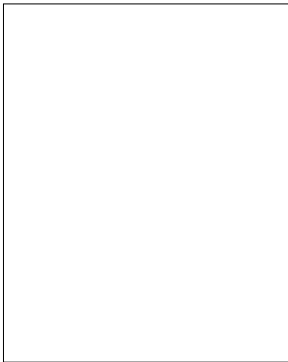
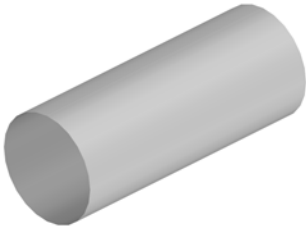
Rectangular/Round/Fabrication



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



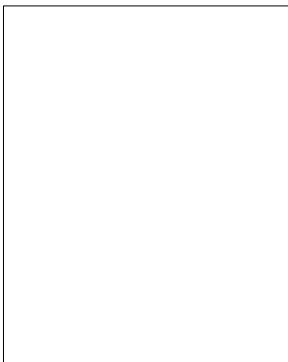
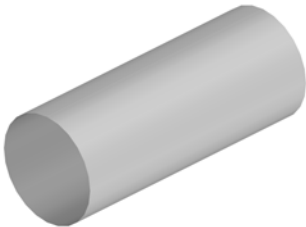
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Duct Length=(inch)	
D=Right Extension	Area Adjust (%)=0.000	
	Allow Multiple Straights=Yes	
	STD Straight=No	
	Pipe Parts=1	
	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 41

Round/Fabrication



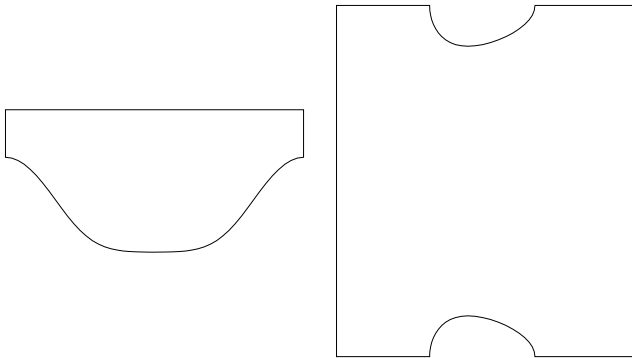
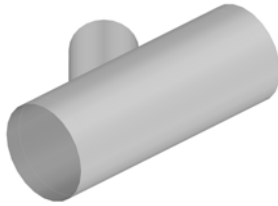
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Length	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	
D=Right Extension	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

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	

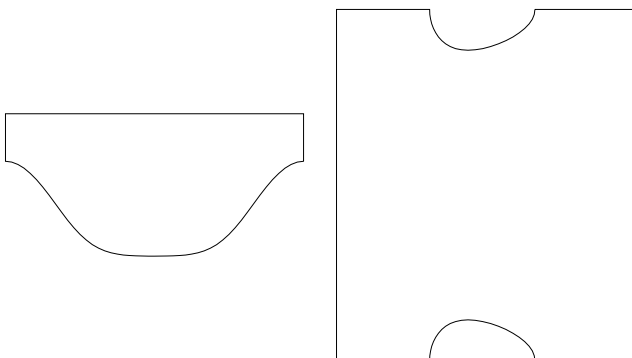
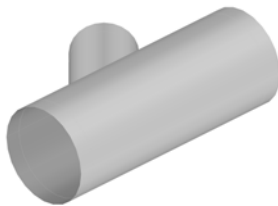
Seams

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	

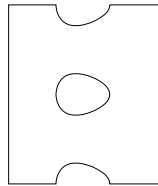
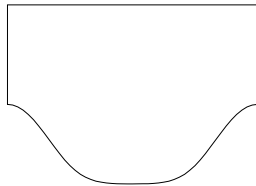
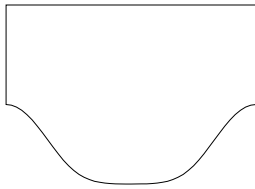
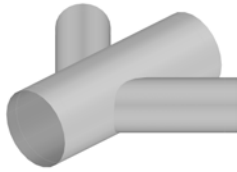
Seams

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	

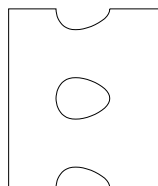
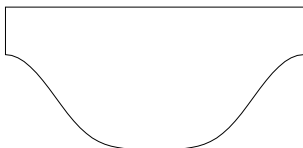
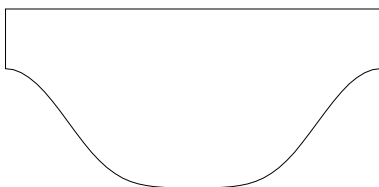
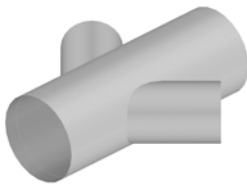
Seams

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	

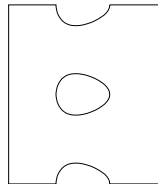
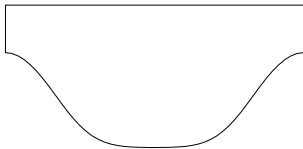
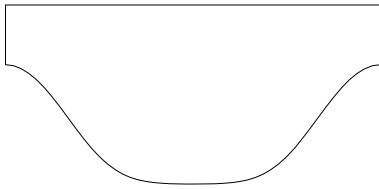
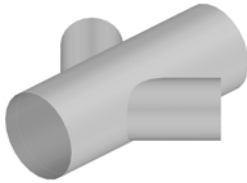
Seams

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	

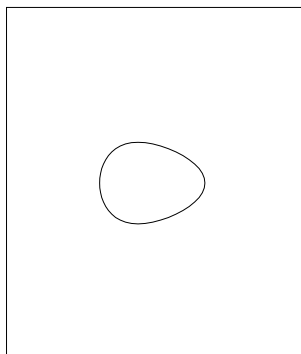
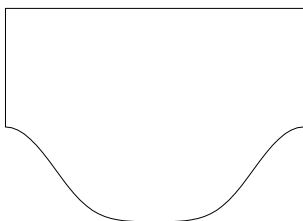
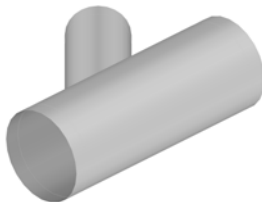
Seams

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	

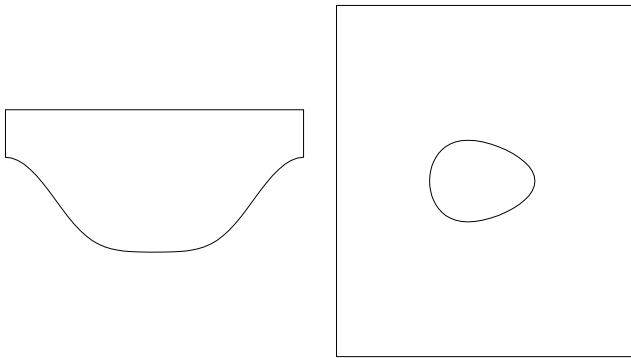
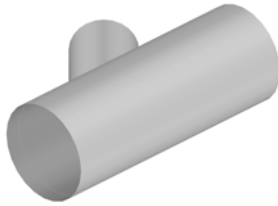
Seams

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	

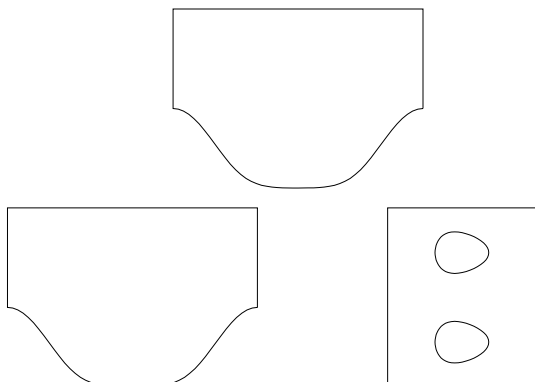
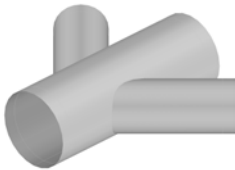
Seams

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	

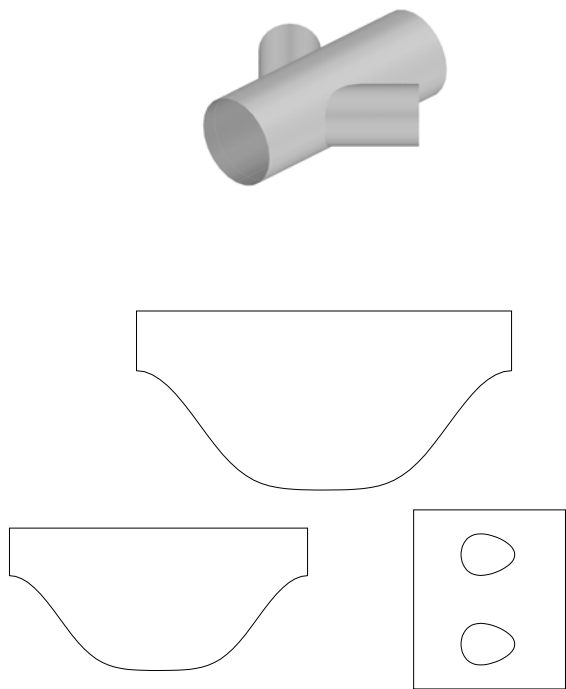
Seams

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	

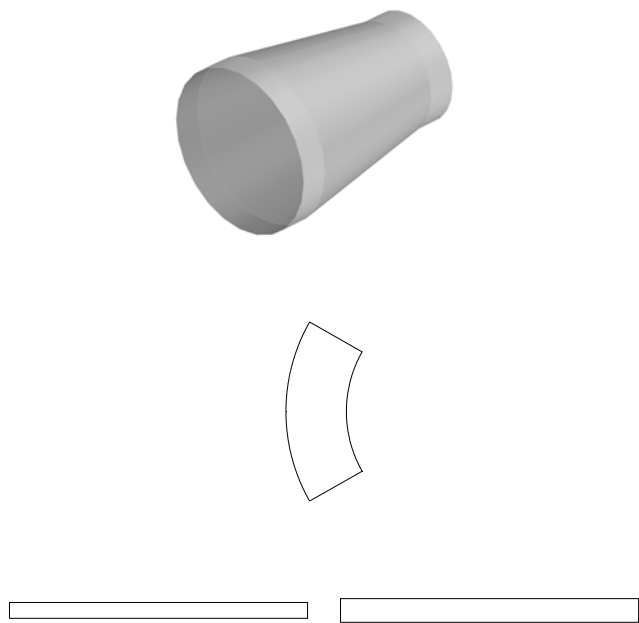
Seams

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	

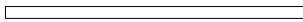
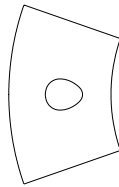
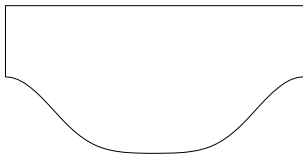
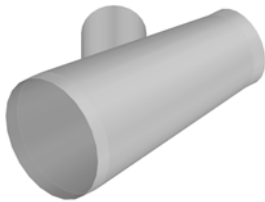
Seams

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	

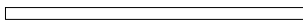
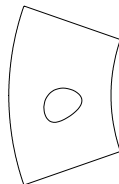
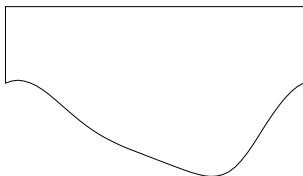
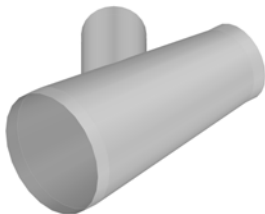
Seams

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	

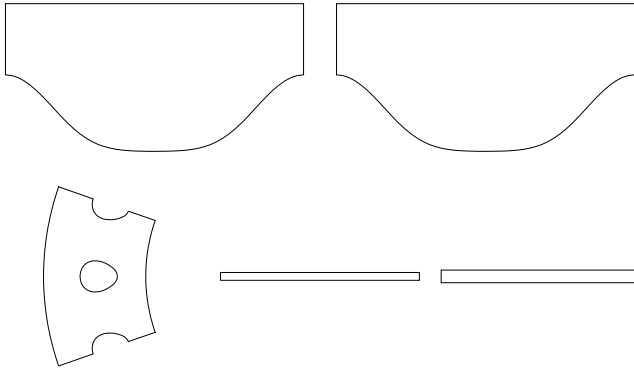
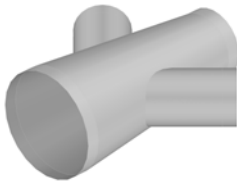
Seams

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	

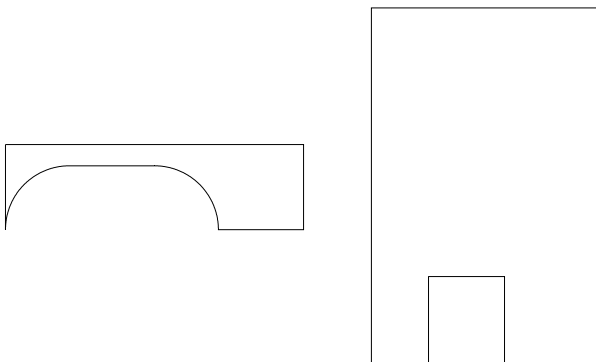
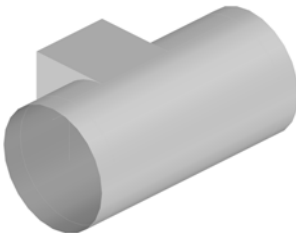
Seams

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	

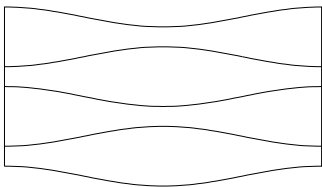
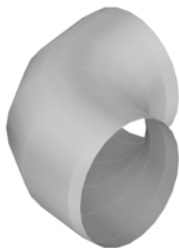
Seams

S1=None
S2=None

Damper:

Pattern: 56

Round



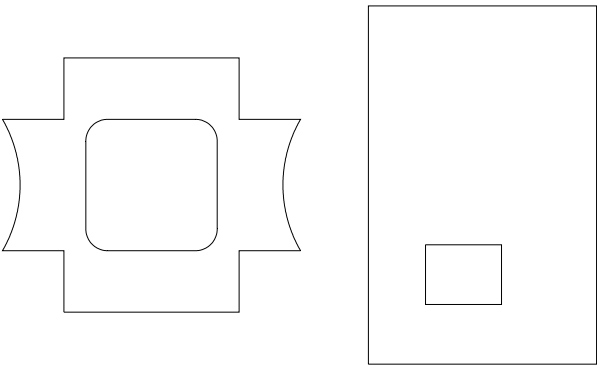
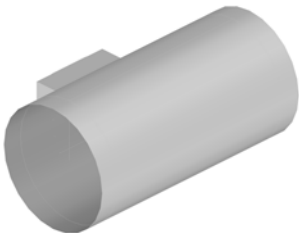
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Collar	Single Segments=No	
E=Right Collar	Diameter Type=Nominal	

Seams
S1=None

Damper:

Pattern: 57

Round



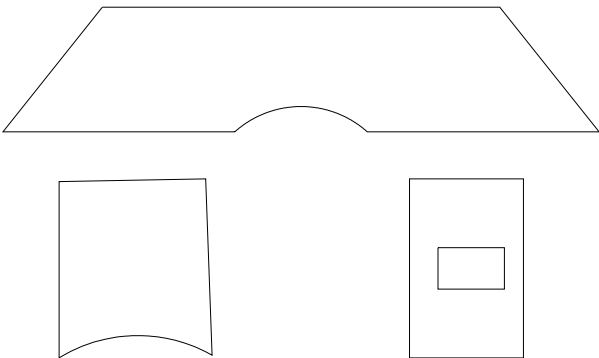
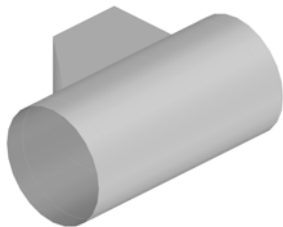
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Pipe Seam Position=0.000	
F=Branch Depth	Hole Adjust=0.000	
G=Branch Length	Plate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



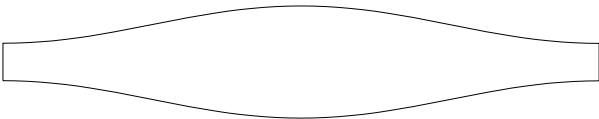
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width #1	Branch Parts=2	
F=Branch Depth #1	First Break=0.000	
G=Branch Length #1	Second 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

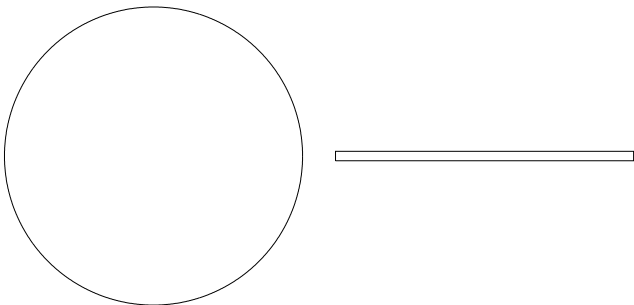
Round

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



Seams

Damper:



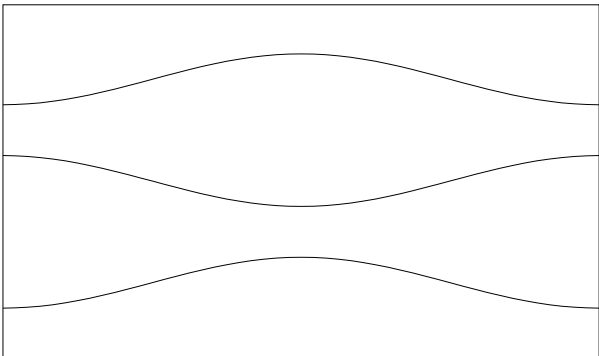
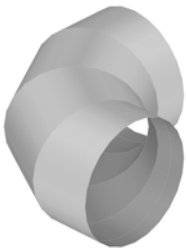
Pattern: 61

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	

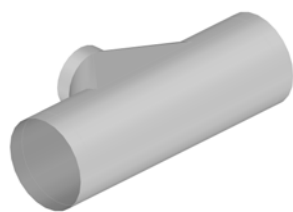
Seams
S1=None

Damper: None
None



Pattern: 62

Round

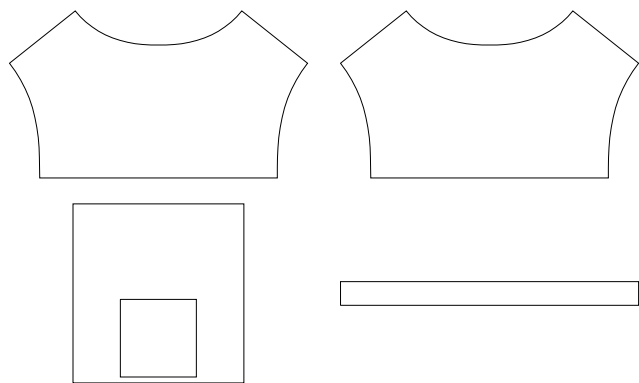


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000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

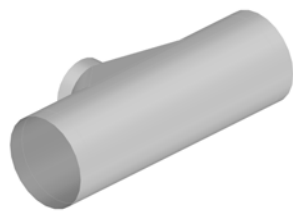
S2=None



Damper:

Pattern: 63

Round

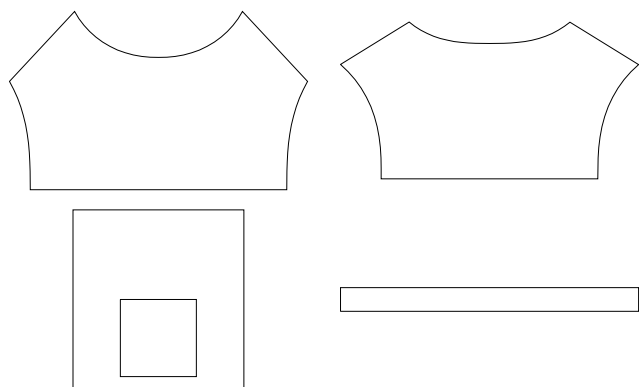


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000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

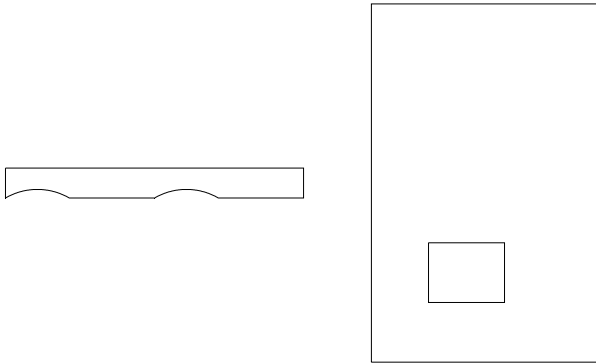
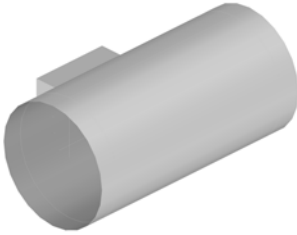
S2=None



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	

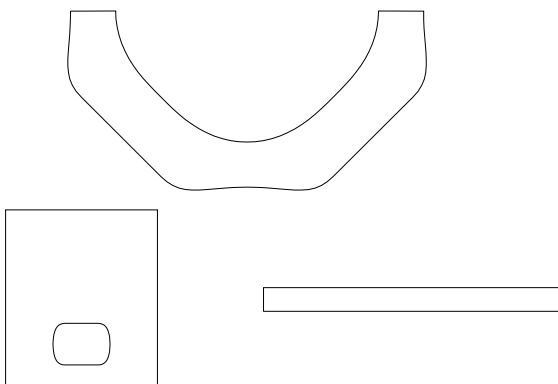
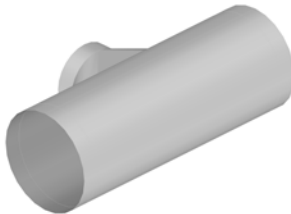
Seams

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	

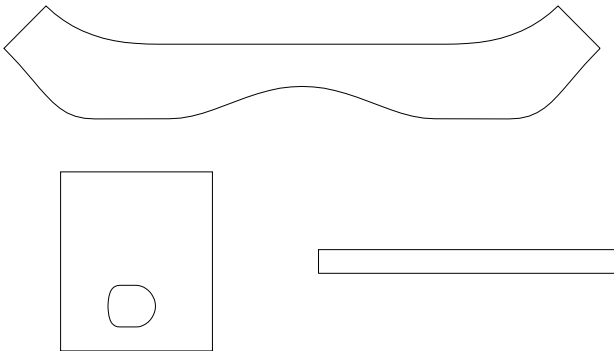
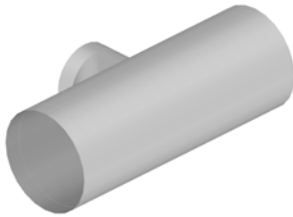
Seams

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	

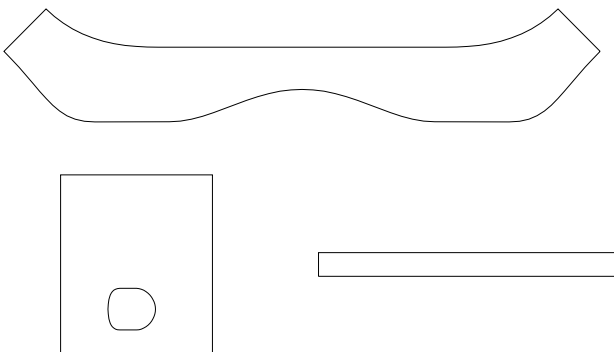
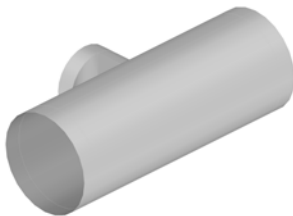
Seams

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	

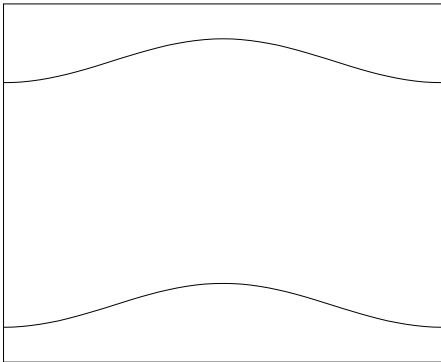
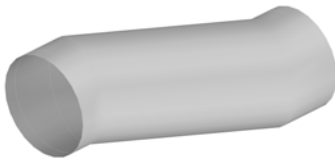
Seams

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	

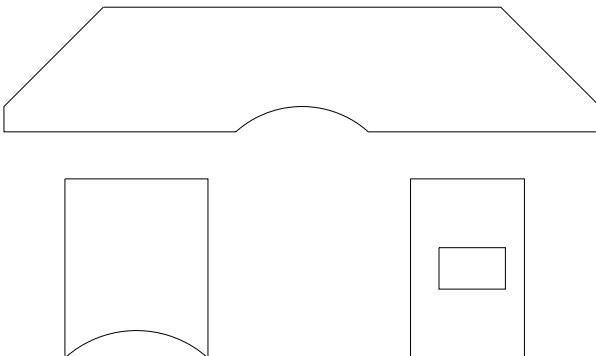
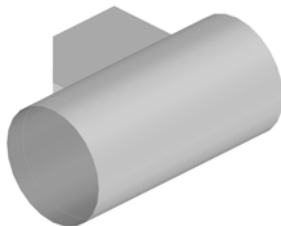
Seams

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

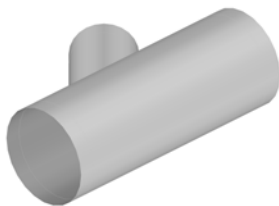
S1=None

S2=None

Damper: None
None
None

Pattern: 70

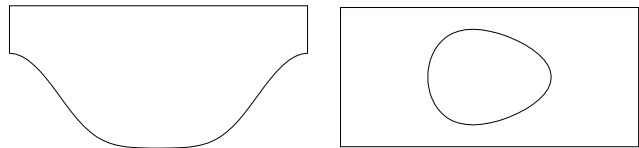
Round



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	

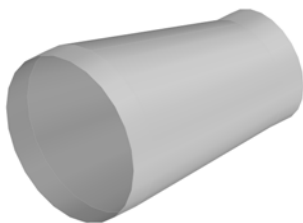
Seams
S1=None
S2=None

Damper: None
None
None



Pattern: 71

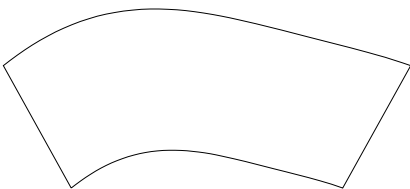
Round



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	

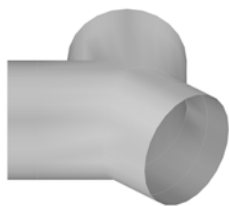
Seams
S1=None

Damper: None
None



Pattern: 72

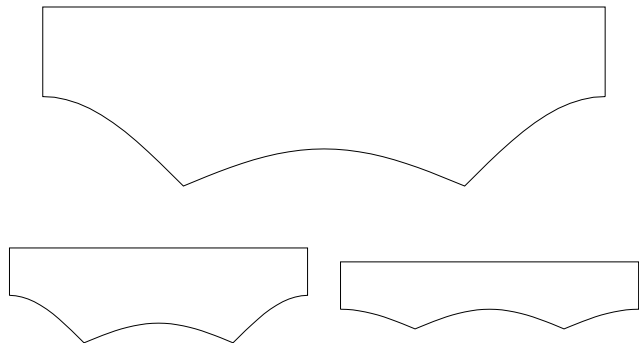
Round/Fabrication



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		

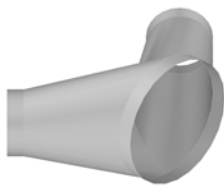
Seams
S1=None

Damper:



Pattern: 73

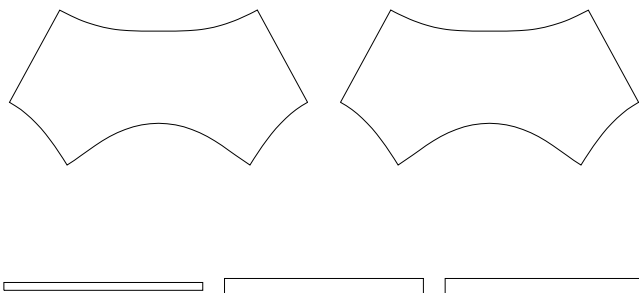
Round



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		

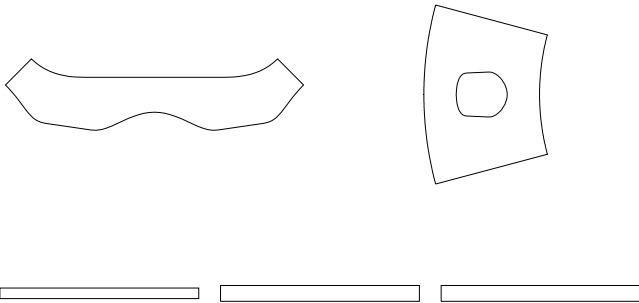
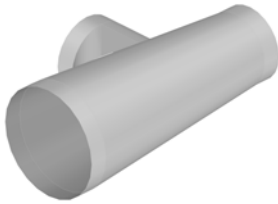
Seams
S1=None

Damper:



Pattern: 74

Round



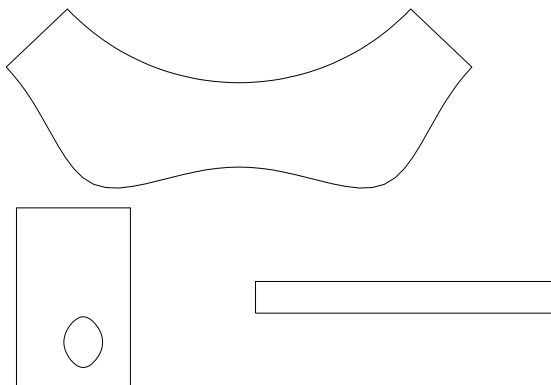
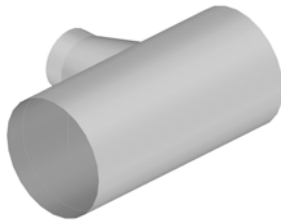
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch Length	Branch Diameter 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



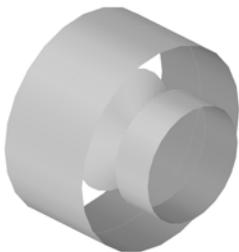
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	Seam Position=0.000	C3=None
D=Right Extension	Pipe Diameter Type=Nominal	
E=Branch Diameter	Branch Diameter Type=Nominal	
F=Branch Length	Hole Adjust=0.000	
G=Angle	Branch Allowance To Pipe=0.000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

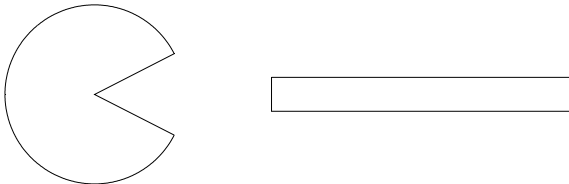
Round



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	

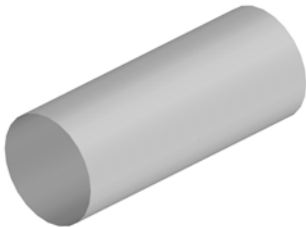
Seams
S1=None

Damper:



Pattern: 78

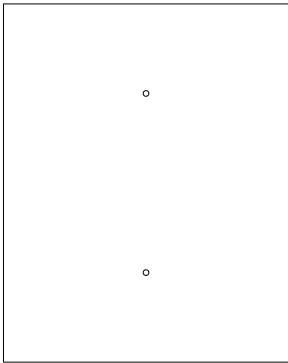
Round



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	

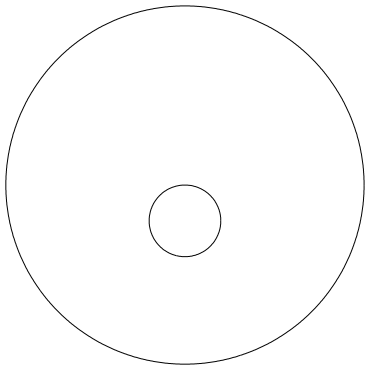
Seams
S1=None

Damper: None
None



Pattern: 79

Round

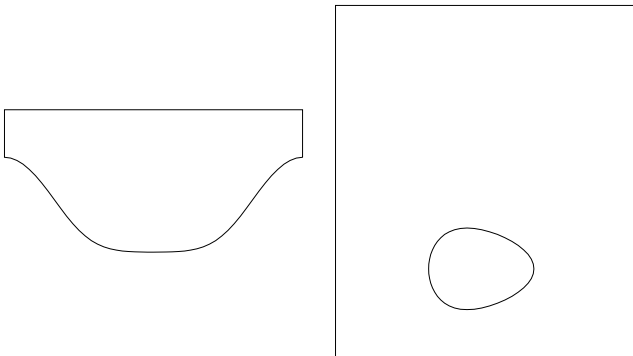
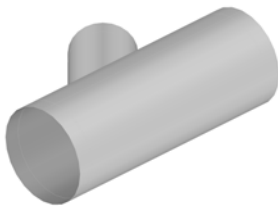


Seams

Damper:

Pattern: 80

Round



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

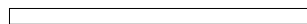
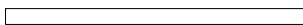
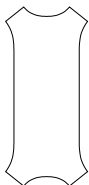
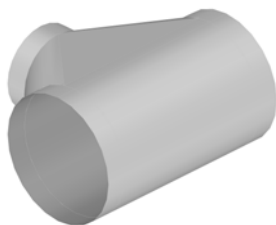
Dims		Options	Conn's
A=Pipe Diameter		Pipe Parts=1	C1=None
B=Pipe Length		Branch Parts=1	C2=None
C=Left Extension		First Break=0.000	C3=None
D=Right Extension		Second Break=0.000	
E=Branch Diameter #1		Third Break=0.000	
F=Branch Length #1		Seam Position=0.000	
G=Angle #1		Pipe Diameter Type=Nominal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

Damper: None
None
None

Pattern: 81

Round



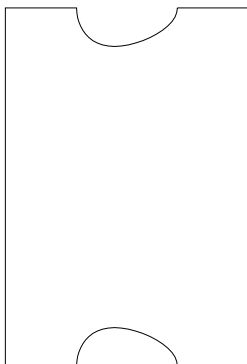
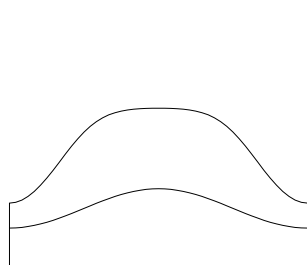
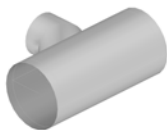
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Left Extension	Branch Diameter Type=Nominal	C2=None
C=Right Extension	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter	Hole Adjust=0.000	
E=Branch Length	Round Allowance To Pipe=0.000	
F=Angle	Flat Allowance To Pipe=0.000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



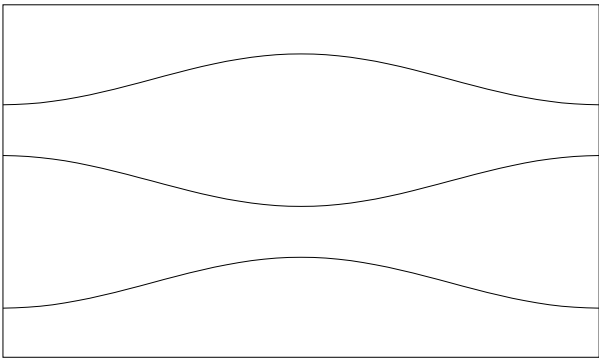
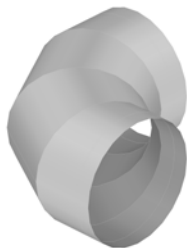
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	
F=Branch Length	Pipe Diameter Type=Nominal	
G=Angle	Branch Diameter Type=Nominal	
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



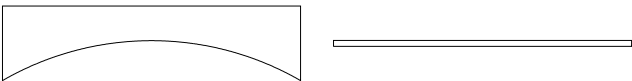
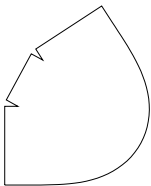
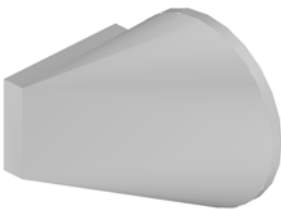
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Diameter Type=Nominal	
E=Top Extension	Automatic Nest Break If Oversize=No	
	Notch Angle For Seam=0	
	Stitch Gap=0.000	
	Number Of Stitches=4	
	Quantity=1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



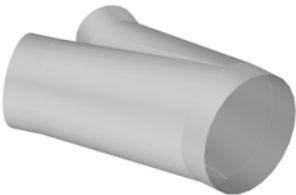
Dims	Options	Conn's
A=Width	B=Depth	Diameter Type=Nominal
C=Diameter	D=Extension	Top Offset=0.000
E=Collar		

Seams
S1=None

Damper:

Pattern: 86

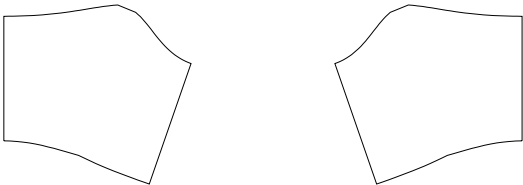
Round



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		

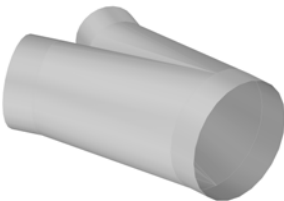
Seams
S1=None
S2=None

Damper:



Pattern: 87

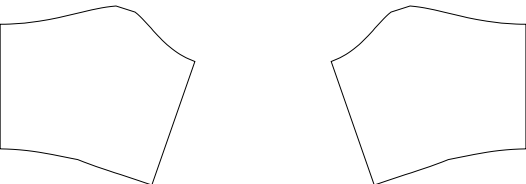
Round



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		

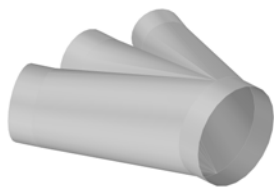
Seams
S1=None
S2=None

Damper:



Pattern: 88

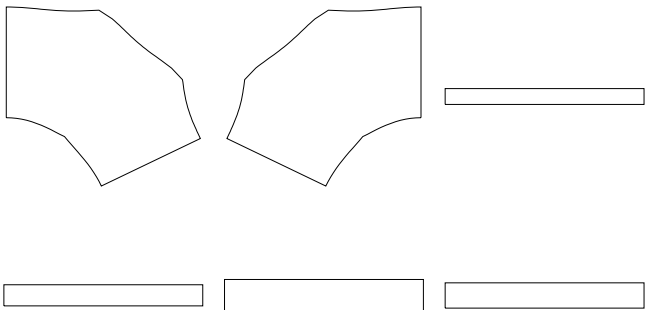
Round



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		

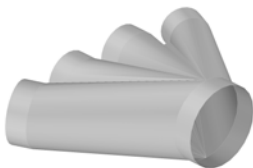
Seams
S1=None
S2=None

Damper:



Pattern: 89

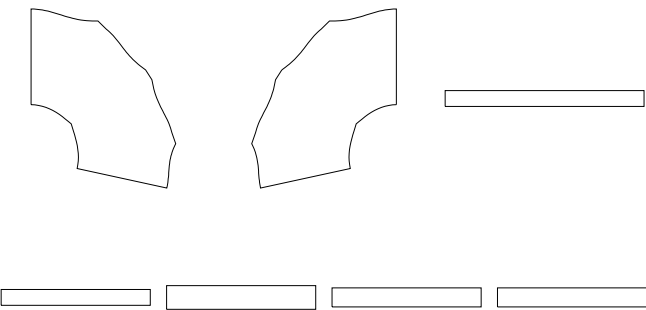
Round



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		

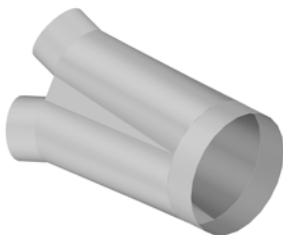
Seams
S1=None
S2=None

Damper:



Pattern: 90

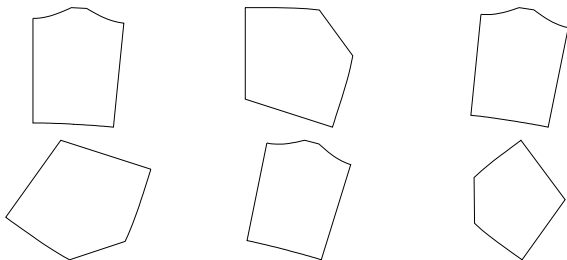
Round



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		

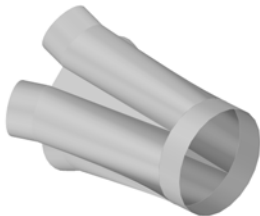
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 91

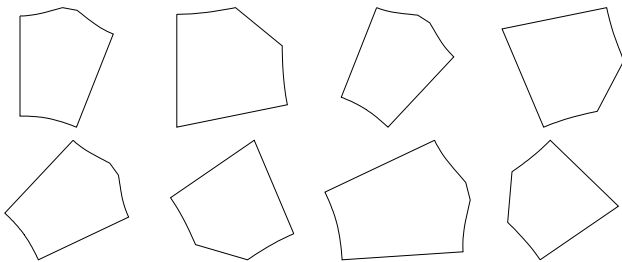
Round



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		

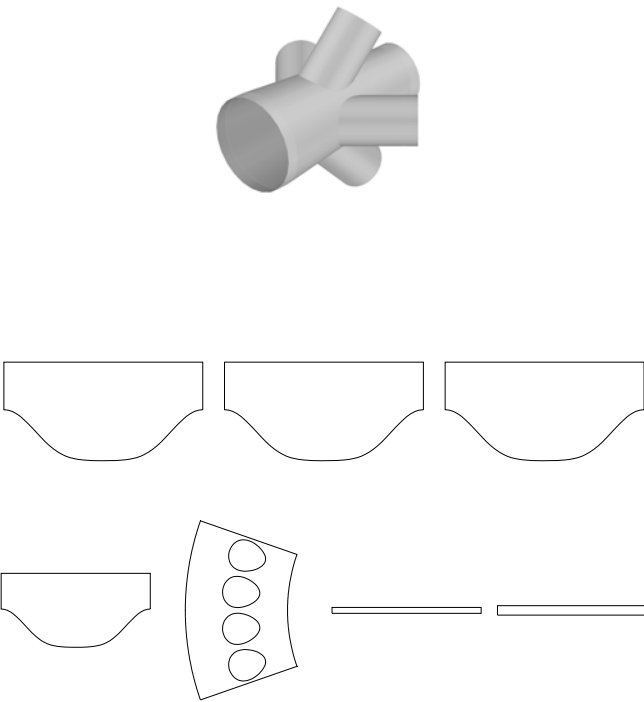
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 92

Round

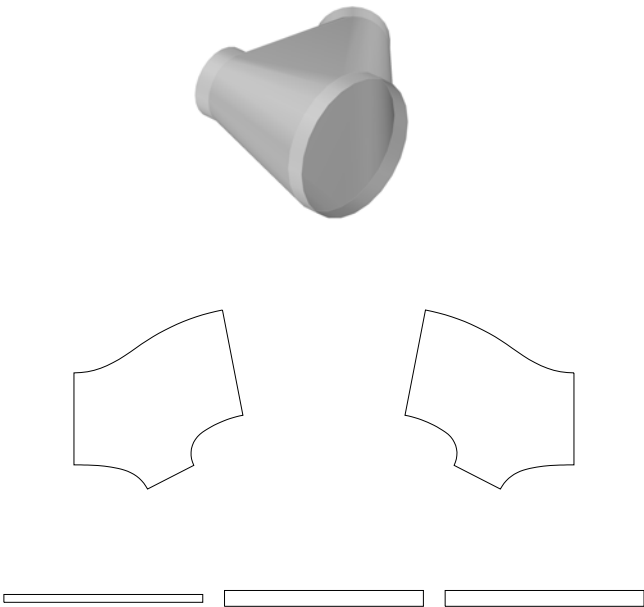


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	C5=None
F=Branch Diameter #1	Seam Position=45.000	C6=None
G=Branch Length #1	Diameter 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



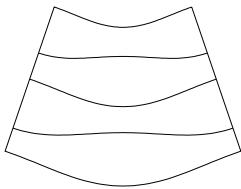
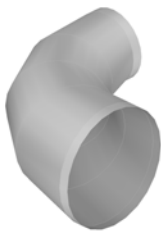
Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter	Left Diameter Type=Nominal	C2=None
C=Branch Diameter	Right Diameter Type=Nominal	C3=None
D=Angle	2 Parts=Yes	
E=Right Offset		
F=Height		
G=Bottom Collar		
H=Top Collar		
I=Branch Collar		

Seams
S1=None

Damper:

Pattern: 95

Round



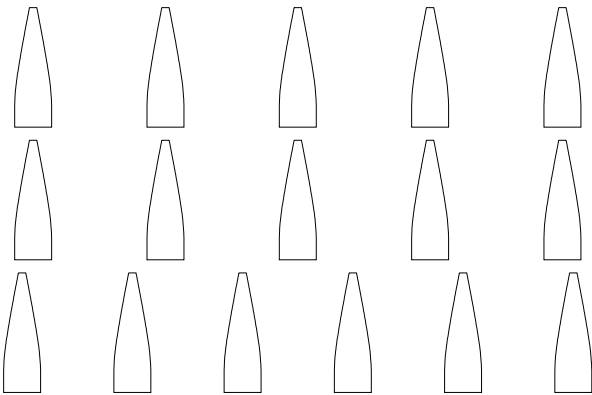
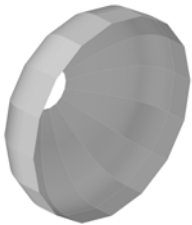
Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Centre Radius	Cross Break=1	C3=None
D=Angle	Single Segments=No	
E=Bottom Collar	Diameter Type=Nominal	
F=Right Collar		

Seams
S1=None

Damper:

Pattern: 96

Round



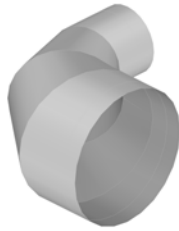
Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=16	C1=None
B=Top Diameter	Parts To Cut=16	
C=Height	Input=Height	
D=Top Radius	Bottom Diameter Type=Nominal	
E=Bottom Radius	Top Diameter Type=Nominal	
F=Bottom Extension	Top Diameter=Slice	
G=Collar	Fixing Holes=2	
H=Branch Diameter	Fixing Hole 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

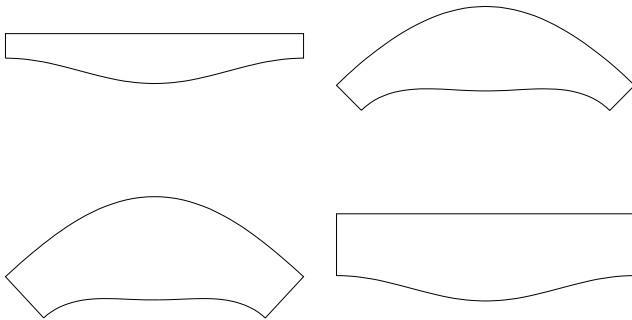


Dims	Options	Conn's
A=Bottom Diameter	Number Of Segments=4	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Centre Radius	Cross Break=1	C3=None
D=Angle	Bottom Diameter Type=Nominal	
E=Bottom Extension	Marker Type=Notch	
F=Top Extension	Top Diameter Type=Nominal	
	Marker Depth=Default	
	Mark Sides=No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

Seams

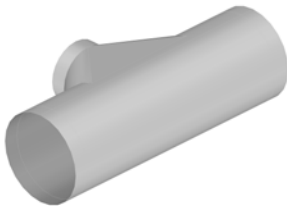
S1=None

Damper: None
None



Pattern: 98

Round



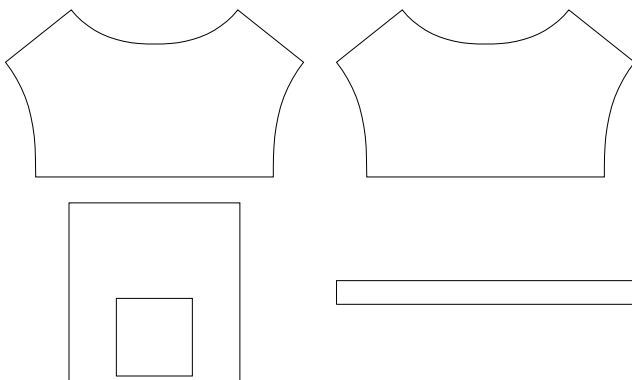
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Diameter	Round Allowance To Pipe=0.000	
F=Branch Length	Flat Allowance To Pipe=0.000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

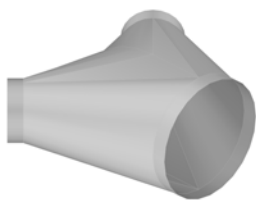
S2=None

Damper:



Pattern: 99

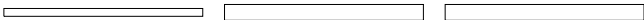
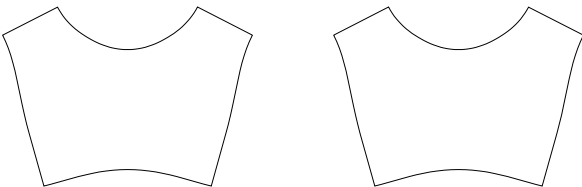
Round



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		

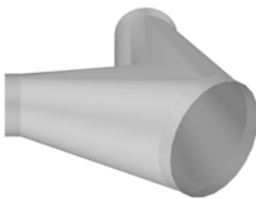
Seams
S1=None

Damper:



Pattern: 100

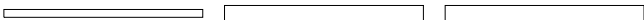
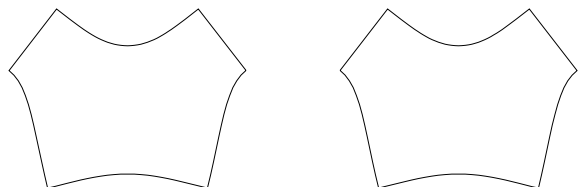
Round



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		

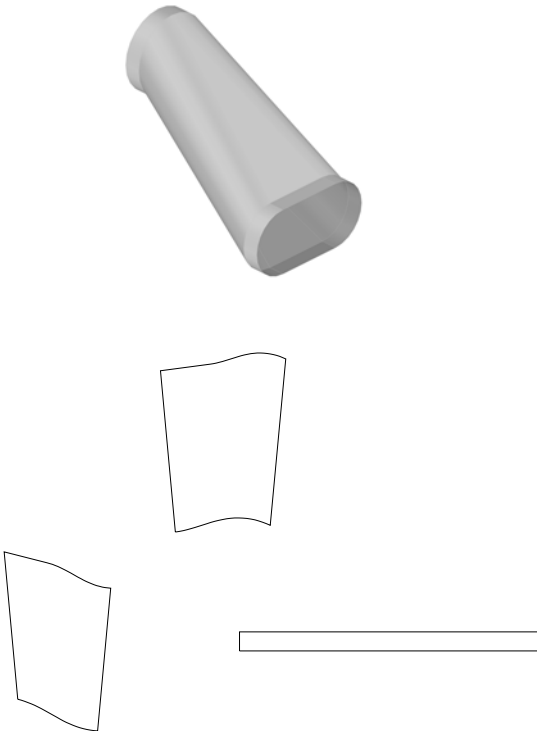
Seams
S1=None

Damper:



Pattern: 103

Round/Flat Oval



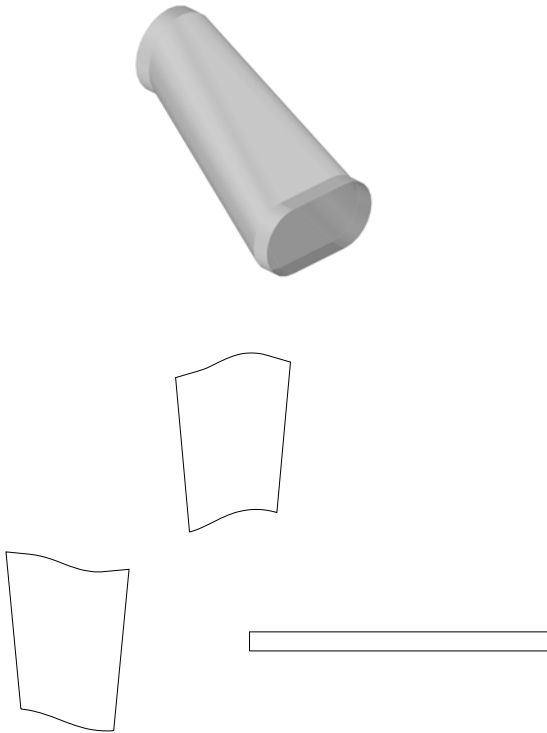
Dims	Options	Conn's
A=Width	Cross Break=2	C1=None
B=Depth	Diameter Type BE=Nominal	C2=None
C=Diameter	Diameter Type SE=Nominal	
D=Length	Seam Position=Corner	
E=Offset Width	Inlet=1	
F=Offset Depth	Outlet=2	
G=Oval Collar	Same Seams On Each Part=No	
H=Round Collar		

Seams
S1=None

Damper:

Pattern: 123

Round/Flat Oval



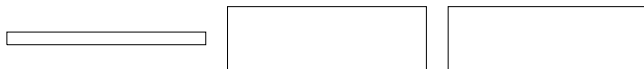
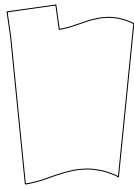
Dims	Options	Conn's
A=Width	Diameter Type BE=Nominal	C1=None
B=Depth	Diameter Type SE=Nominal	C2=None
C=Diameter	Seam Position=Major Axis	
D=Length	Inlet=1	
E=Offset Width	Outlet=2	
F=Offset Depth	Same Seams On Each Part=No	
G=Oval Collar		
H=Round Collar		

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	

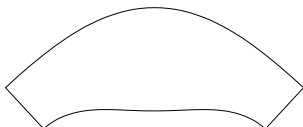
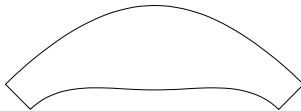
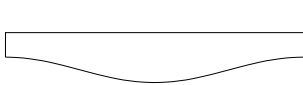
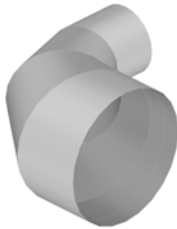
Seams

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	

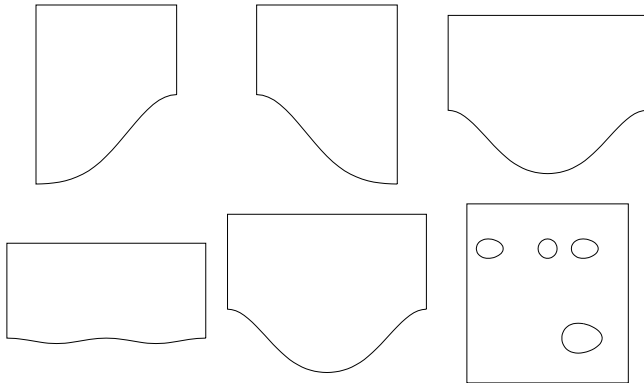
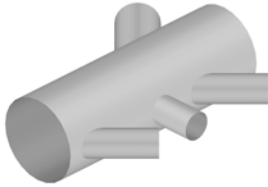
Seams

S1=None

Damper: None
None

Pattern: 148

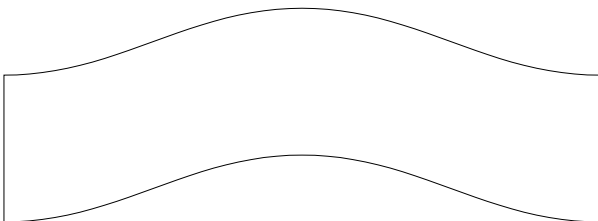
Round



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	Seams
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

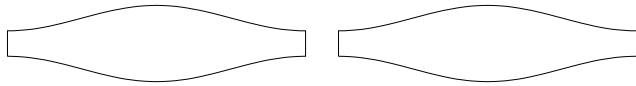
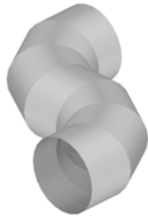


Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Length	Seam Position=0.000	C2=None
C=Angle	Vertical=No	C3=None
D=Body Diameter	Pipework=No	
	Adjust=0.000	
	Include=Yes	
	Right Offset=6.000	
	Left Offset=6.000	
	Develop X Size For Diameter=No	
	Inlet=1	
	Outlet=2	Seams
		S1=None

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		

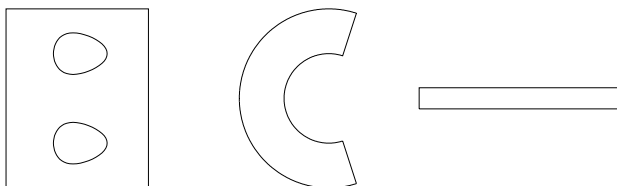
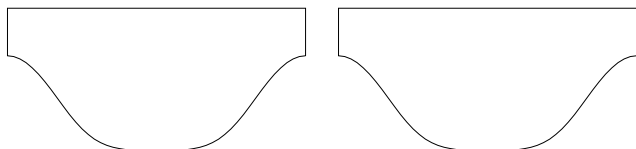
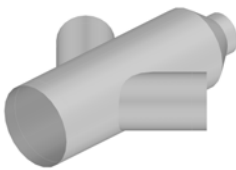
Seams

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

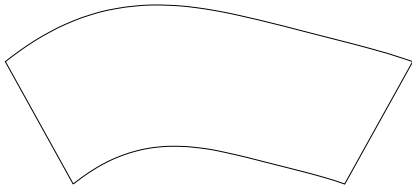
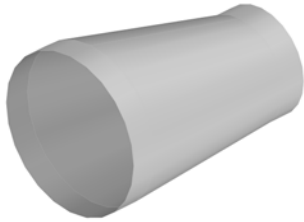
None

None

None

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	

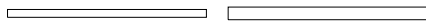
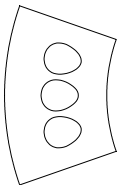
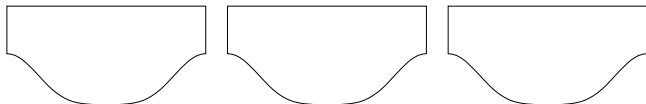
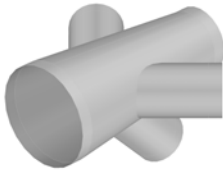
Seams

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

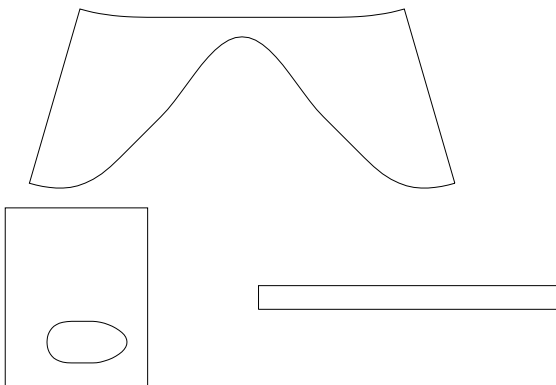
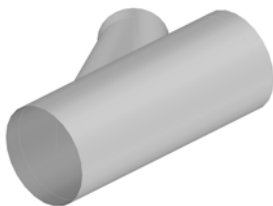
S3=None

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

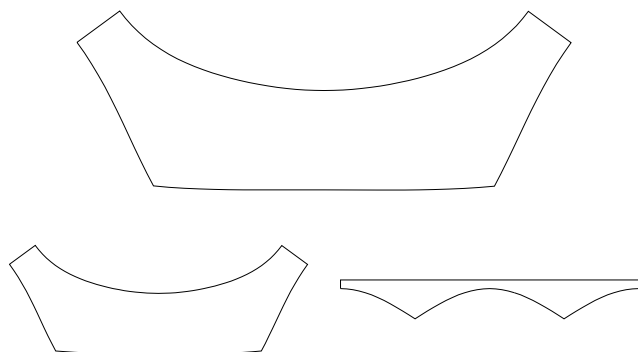
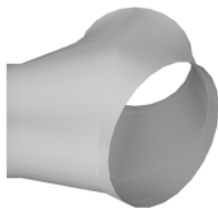
S1=None

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		

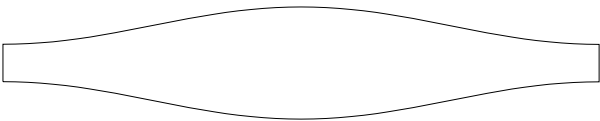
Seams

S1=None

Damper:

Pattern: 172

Round



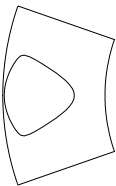
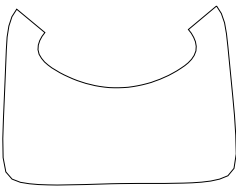
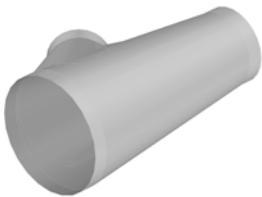
Dims	Options	Conn's
A=Diameter	Cross Break=1	C1=None
B=Top Diameter	Seam Position=0.000	C2=None
C=Radius	Diameter Type=Nominal	
D=Angle		

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

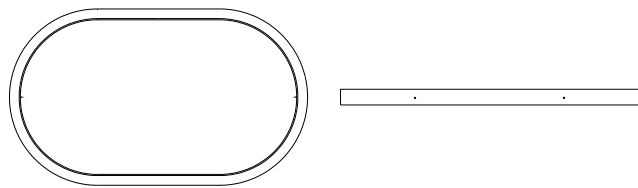
Round/Flat Oval



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	

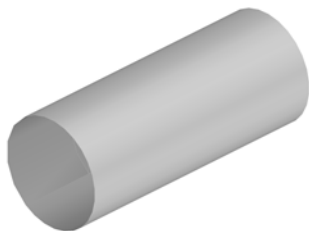
Seams
S1=None

Damper:



Pattern: 183

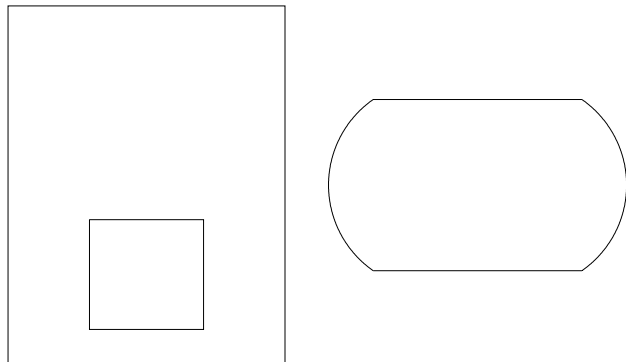
Round



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	

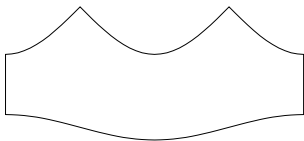
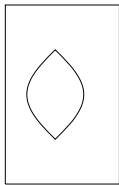
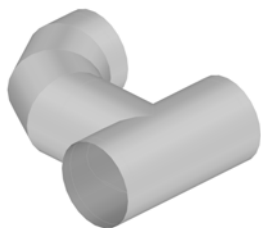
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 184

Round



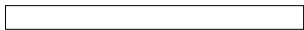
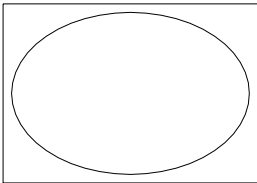
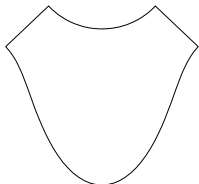
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Pipe Seam Position=270.000	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Diameter	Second Break=0.000	
F=Centre Radius	Third Break=0.000	
G=Angle	Branch Diameter Type=Nominal	
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



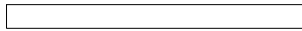
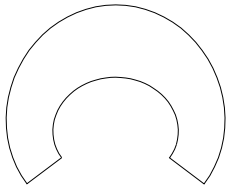
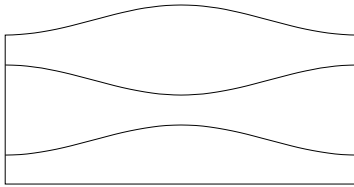
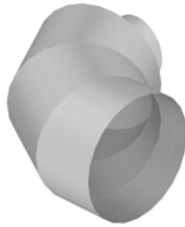
Dims	Options	Conn's
A=Bottom Diameter	Diameter Type=Nominal	C1=None
B=Top Diameter	Cross Break=1	C2=None
C=Length	Seam Position=0.000	
D=Collar	Hole Adjust=0.000	
E=Slope Angle	Turnover=0.000	
F=Border	Type=None	
G=Cone Angle		

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	

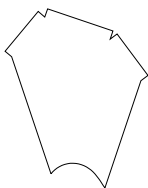
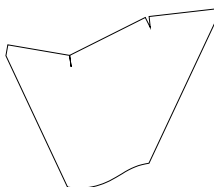
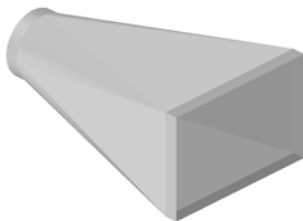
Seams

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	

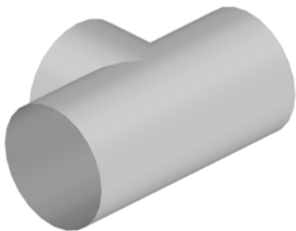
Seams

S1=None

Damper: None

Pattern: 309

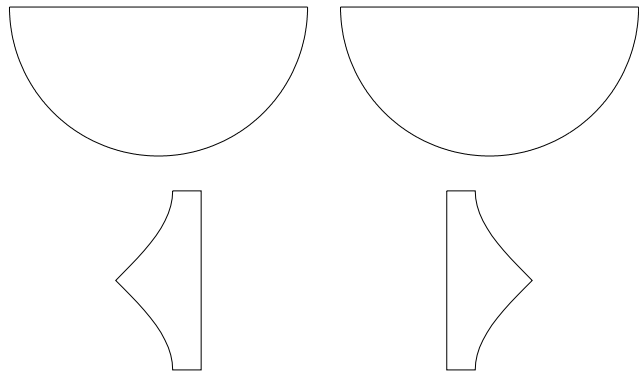
Round



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		

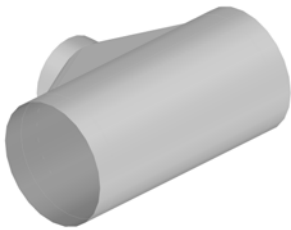
Seams
S1=None

Damper:



Pattern: 311

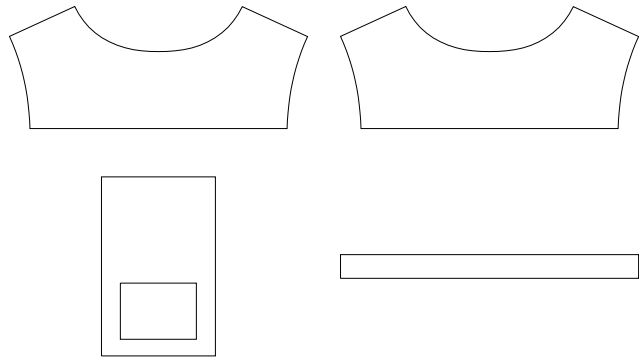
Round



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	

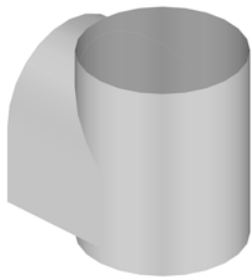
Seams
S1=None
S2=None

Damper:



Pattern: 315

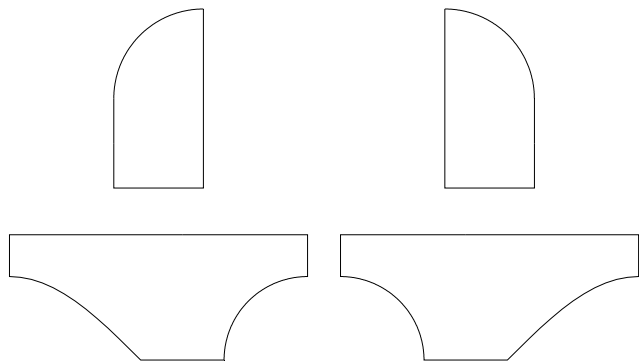
Round



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		

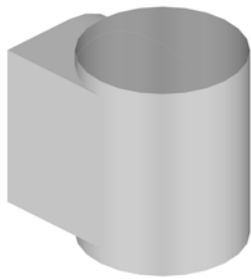
Seams
S1=None

Damper:



Pattern: 316

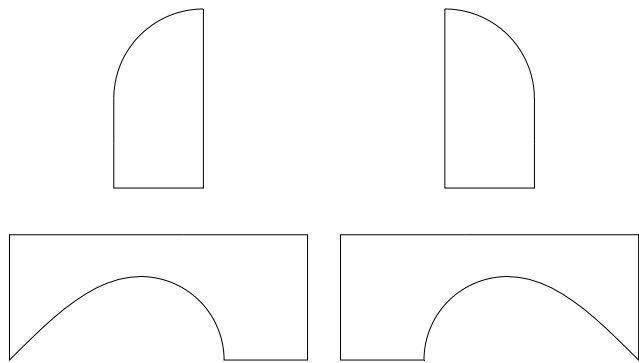
Round



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		

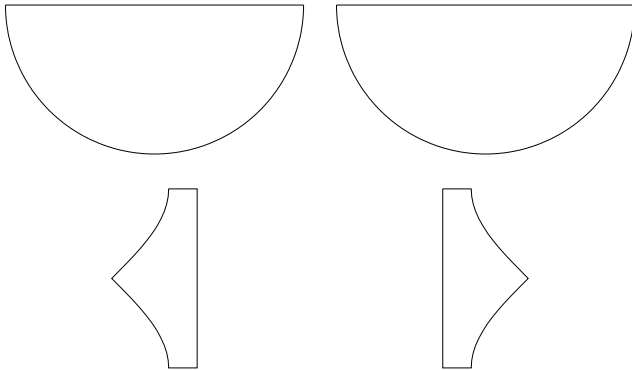
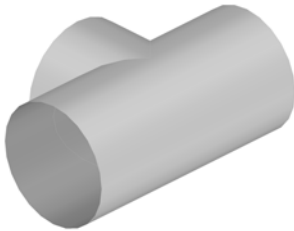
Seams
S1=None

Damper:



Pattern: 319

Round



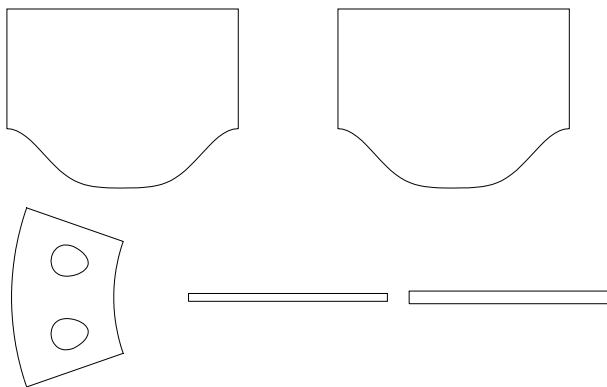
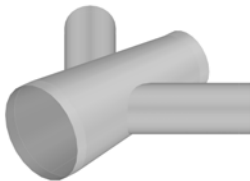
Dims	Options	Conn's
A=Radius	Six Parts Left Lap=None	C1=None
B=Length	Six Parts Right Lap=None	C2=None
C=Front Hole Diameter	Seam Position=Left	C3=None
D=Six Parts Left Height		
E=Six Parts Right Height		
F=Pipe Diameter		
G=Turnover Allowance		

Seams
S1=None

Damper:

Pattern: 323

Round



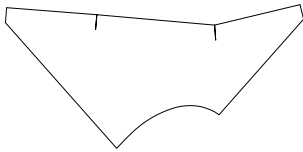
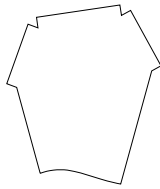
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=180.000	
G=Angle #1	Diameter Type BE=Nominal	
H=Inset #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	

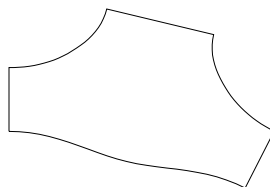
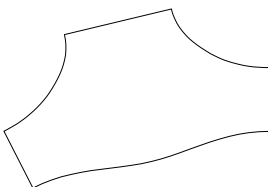
Seams

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		

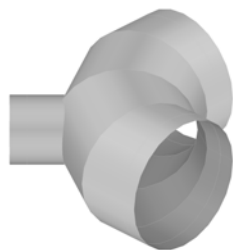
Seams

S1=None

Damper:

Pattern: 326

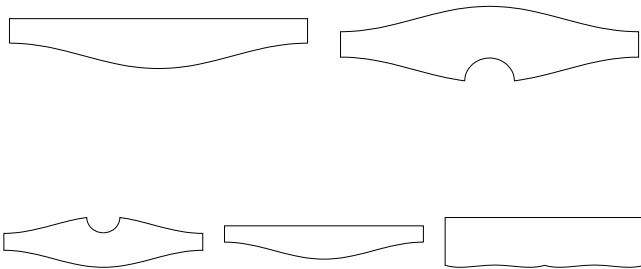
Round



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		

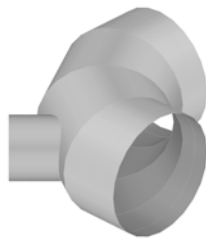
Seams
S1=None
S2=None

Damper:



Pattern: 327

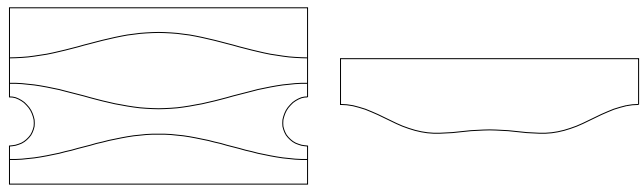
Round



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		

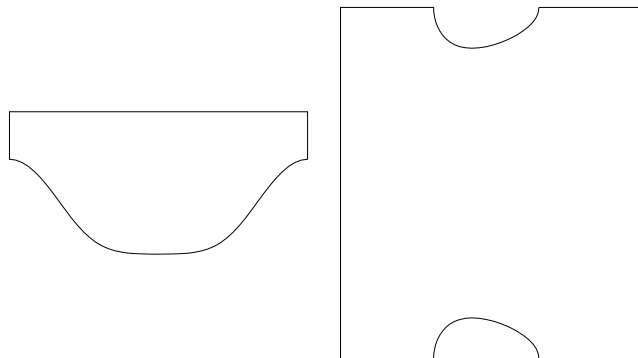
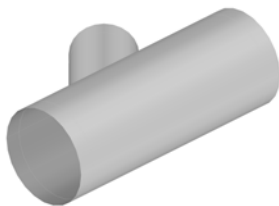
Seams
S1=None
S2=None

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

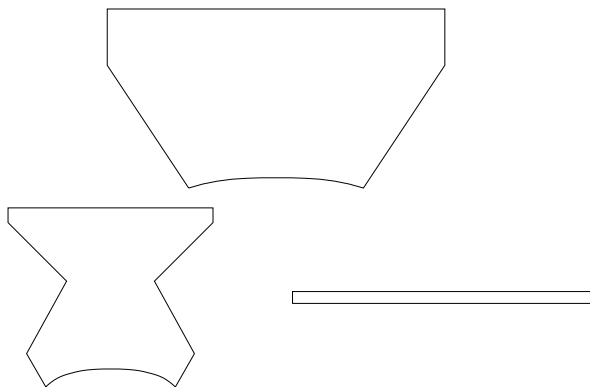
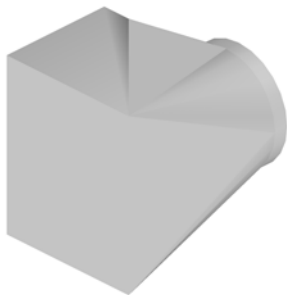
Damper: None

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

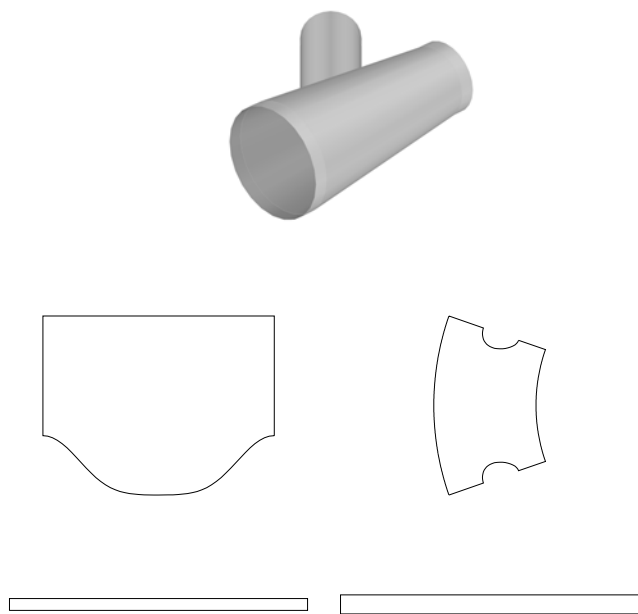
S1=None

S2=None

Damper:

Pattern: 341

Round



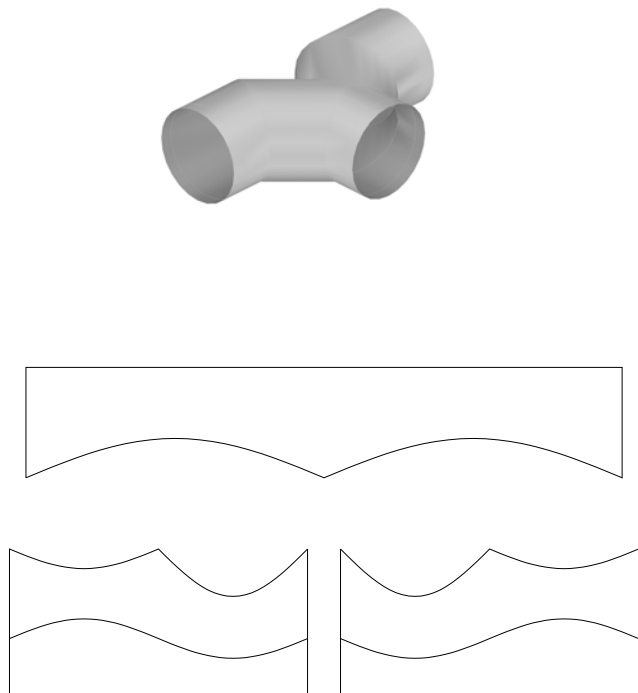
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	
E=Right Extension	Third Break=0.000	
F=Branch Diameter #1	Seam Position=90.000	
G=Angle #1	Diameter Type BE=Nominal	
H=Inset #1	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



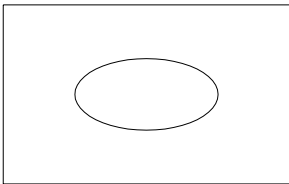
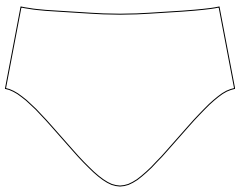
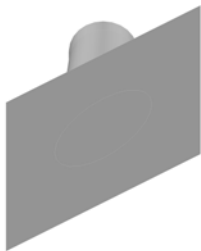
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length In	Single Segments=No	C2=None
C=Length Out	Marker Type=Notch	C3=None
D=X-Offset		C4=None
E=Y-Offset		C5=None
F=Extension In		
G=Extension Out		

Seams
S1=None

Damper:

Pattern: 345

Round

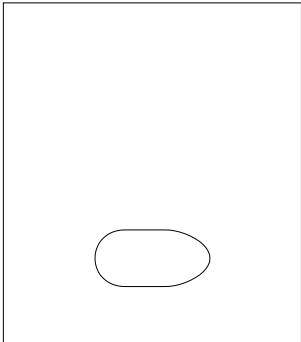
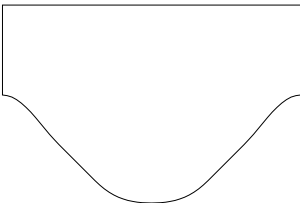
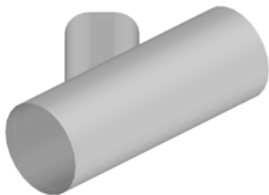


Dims	Options	Conn's
A=Hole Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Plate Parts=1	C2=None
C=Length	Seam Position=0.000	
D=Angle	Hole Type=Oval	
E=Plate Width	Hole Adjust=0.000	
F=Plate Depth	Diameter Type=Nominal	
G=Offset Width	Turnover=0.000	
H=Offset Depth	Item Pattern Length/Angle=Length	
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

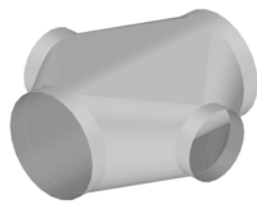


Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Length	Branch Parts=1	C2=None
C=Left Extension	Pipe Diameter Type=Nominal	C3=None
D=Right Extension	Branch Diameter Type=Nominal	
E=Branch Width #1	Seam Position=0.000	
F=Branch Depth #1	Branch Allowance To Pipe=0.000	
G=Branch Length #1	True Oval Straight=No	
H=Angle #1		
I=Inset #1		
J=Extension #1		
Seams		
S1=None		
S2=None		

Damper:

Pattern: 379

Round

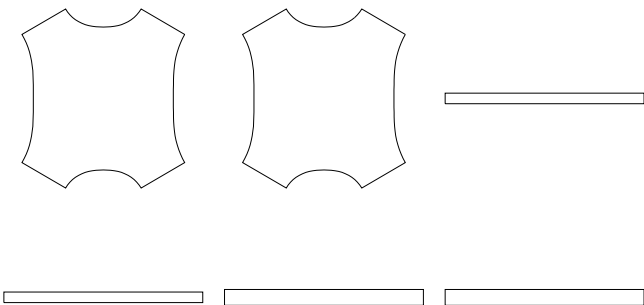


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Branch Diameter Type=Nominal	C3=None
D=Branch Diameter	Hole Adjust=0.000	
E=Branch Length	Round Allowance To Pipe=0.000	
F=Angle	Flat Allowance To Pipe=0.000	
G=Collar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

Seams

S1=None

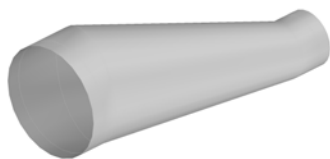
S2=None



Damper:

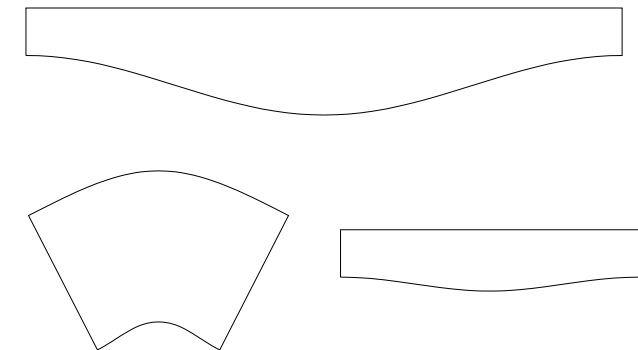
Pattern: 380

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



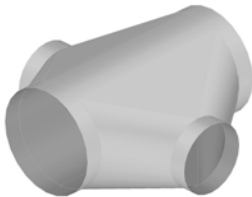
Dims	Options	Conn's
A=Diameter B=Length	Diameter Type=Nominal Stitch Gap=0.000 Number Of Stitches=4	

Seams
S1=None

Damper:

Pattern: 383

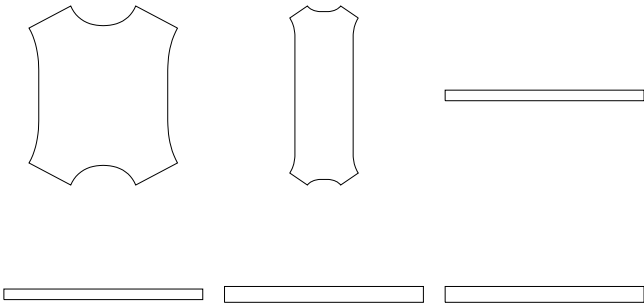
Round



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

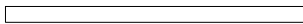
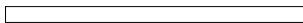
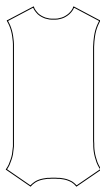
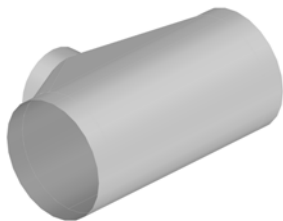
Seams
S1=None S2=None

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

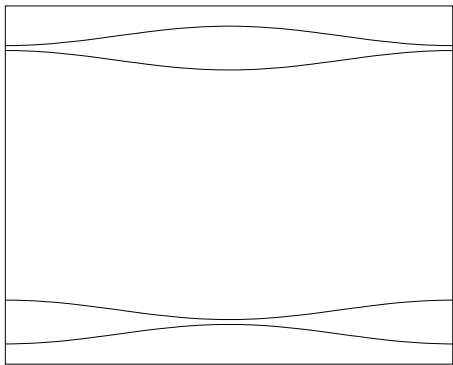
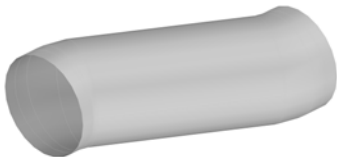
S1=None

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	

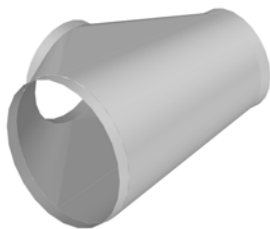
Seams

S1=None

Damper: None
None

Pattern: 387

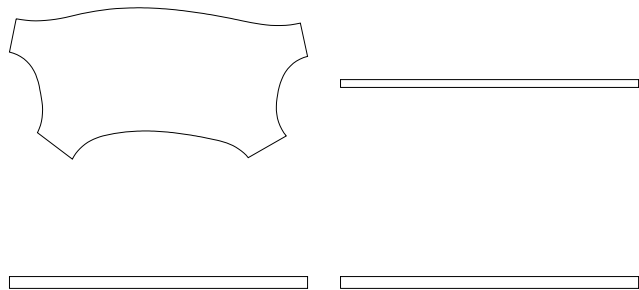
Round



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		

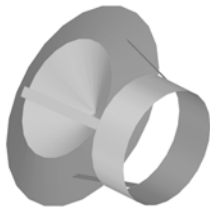
Seams
S1=None

Damper:



Pattern: 388

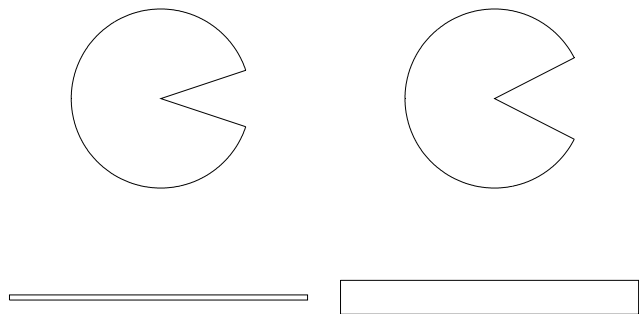
Round



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	

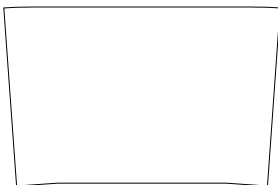
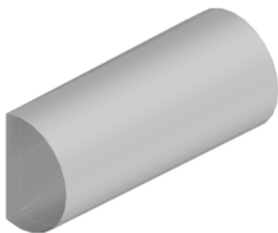
Seams
S1=None

Damper:



Pattern: 391

Round

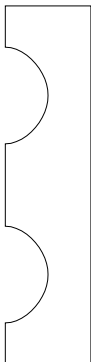
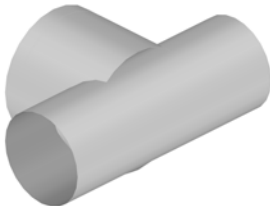


Dims	Options	Conn's
A=Diameter	2 Parts=No	C1=None
B=Length	Vee Notch Angle=20.000	C2=None
C=Slice Depth	Vee Notch Depth (C1)=0.000	C3=None
D=Left Collar	Vee Notch Depth (C2)=0.000	
E=Right Collar	Seam For Weathering=No	
	Slice Full Length=No	
	Seam Position=Top	
	Notch Corners=No	
	Notch Connectors=No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

Damper:

Pattern: 392

Round

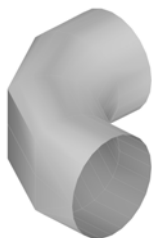


Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter #1	First Break=0.000	
C=Branch Length #1	Second Break=0.000	
D=Angle #1	Third Break=0.000	
E=Offset #1	Seam Position=0.000	
F=Extension #1	Pipe Diameter Type=Nominal	
	Branch Diameter Type=Nominal	
	Hole Adjust=0.000	
	Branch 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

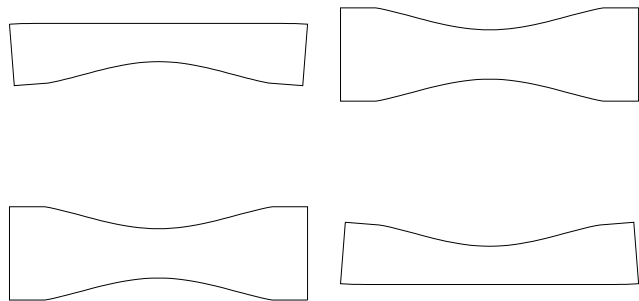
Pattern: 393

Round



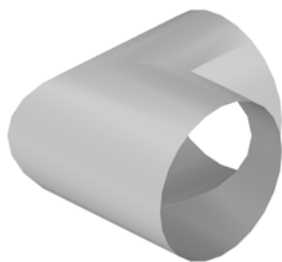
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Start Segment=2	C2=None
C=Angle	End Segment=3	C3=None
D=Bottom Extension	Leg Lengths=No	
E=Top Extension	Length Includes Extensions=No	
F=Slice Depth	Seam Position=Top	
G=Slice Angle	2 Parts=No	
	Notch Corners=No	
	Notch Connectors=No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

Damper:



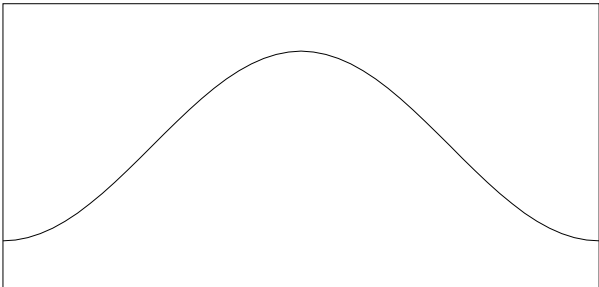
Pattern: 394

Round



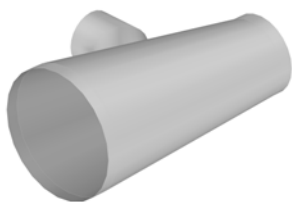
Dims	Options	Conn's
A=Bottom Diameter	Seam Position=0.000	C1=None
B=Top Diameter	Bottom Diameter Type=Nominal	C2=None
C=Angle	Top Diameter Type=Nominal	
D=Bottom Extension	Turnover=0.000	
E=Top Extension	Splitters=No	
	Splitter Adjust=0.000	
	2 Parts=No	
	Splitters=4	
		Seams
		S1=None

Damper:



Pattern: 395

Round

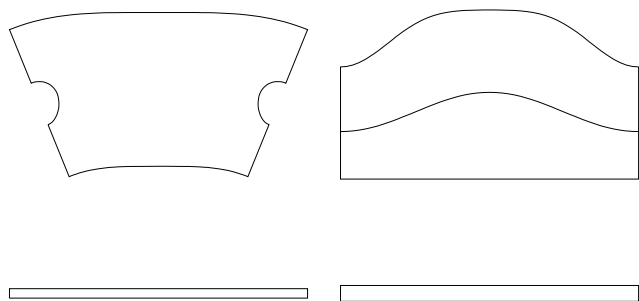


Dims	Options	Conn's
A=Left Diameter	Pipe Parts=1	C1=None
B=Right Diameter	Branch Parts=1	C2=None
C=Pipe Length	Seam Position=On Hole	C3=None
D=Y-Offset	Diameter Type BE=Nominal	C4=None
E=Left Collar	Diameter Type SE=Nominal	
F=Right Collar	Branch Diameter Type=Nominal	
G=Branch Diameter	Hole Adjust=0.000	
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

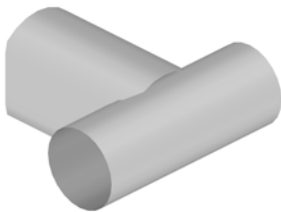
S2=None



Damper:

Pattern: 398

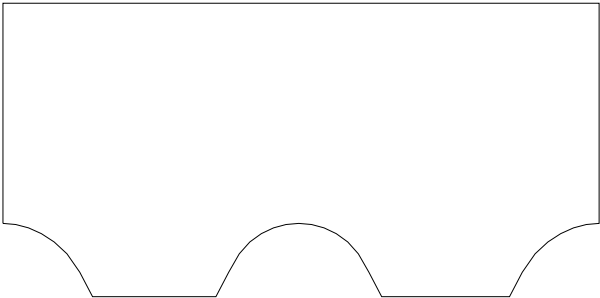
Round



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	

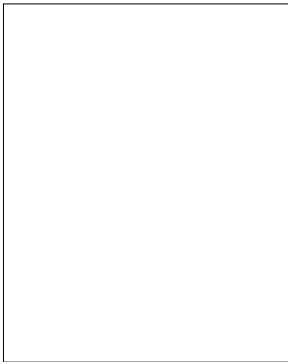
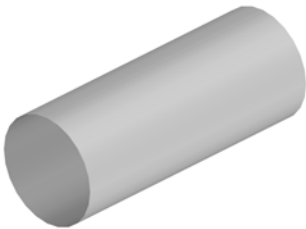
Seams
S1=None

Damper:



Pattern: 413

Round



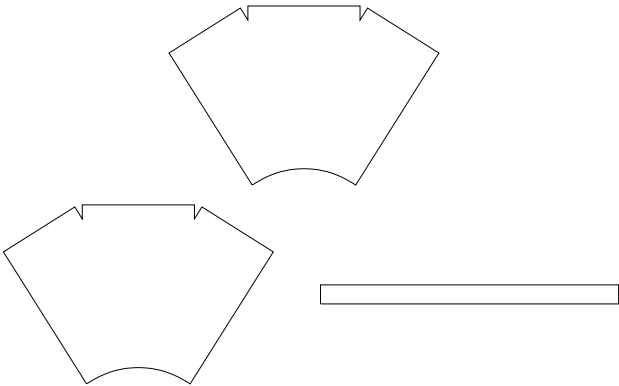
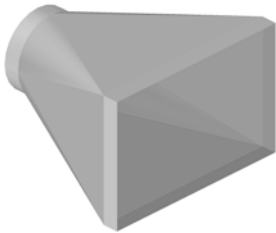
Dims	Options	Conn's
A=d	Seam Position=0.000	C1=None
B=l	Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	
D=Right Extension	First Break=0.000	
	Second Break=0.000	
	Third Break=0.000	

Seams
S1=None

Damper: None
None

Pattern: 450

Rectangular/Round



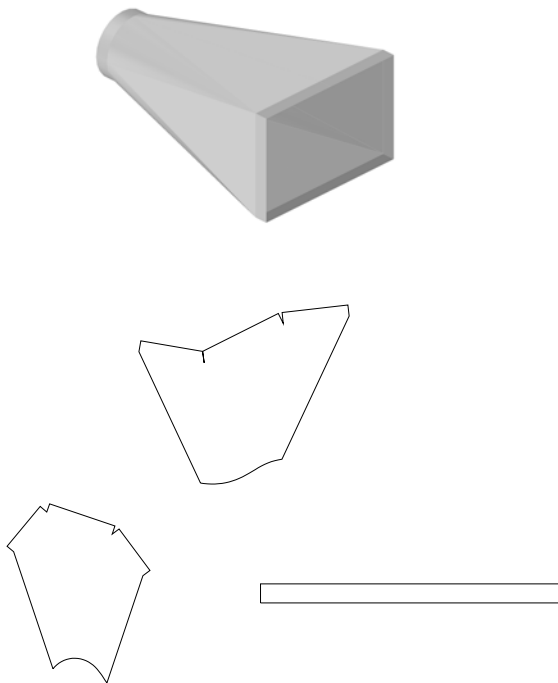
Dims	Options	Conn's
A=a	Cross Break=2	C1=None
B=b	Length Break=1	C2=None
C=d	Diameter Type=Nominal	
D=h	Seam Position=Width	
E=m	Marker Type=Notch	
F=l	Offset Width=Left In	
G=Corner Radius	Offset Depth=Bottom Up	
	Inlet=1	
	Outlet=2	
	Fold Notch Depth=Full Allowance	
	V Notch Rectangular Extension=No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



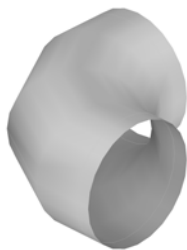
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

Seams
S1=None

Damper:

Pattern: 523

Round/Equipment



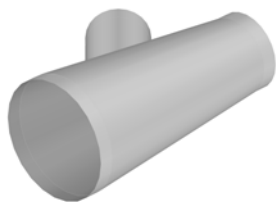
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Angle Tolerance=0.000	C3=None
D=Bottom Extension	Mark Sides=No	
E=Top Extension	Leg Lengths=No	
	Fixing Holes On Extension=Yes	
	Square Outer Insulation=No	
	Outer Insulation Extensions=No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

Seams
S1=None

Damper: None
None

Pattern: 524

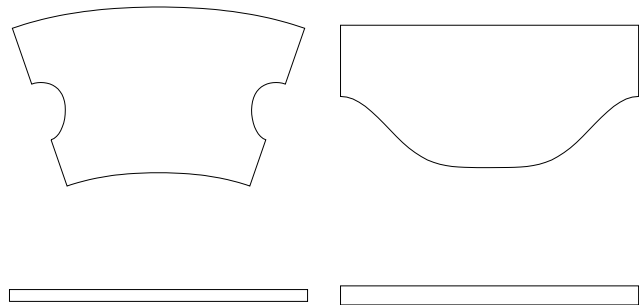
Round



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		

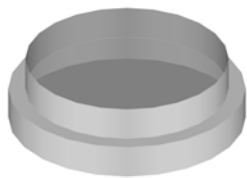
Seams
S1=None
S2=None

Damper:



Pattern: 530

Round/Flat Oval/Equipment



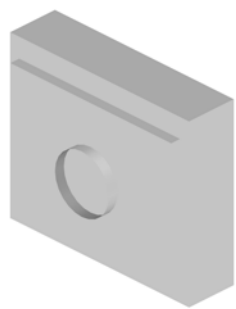
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar	Extension includes Diameter=No	C2=None
C=Length	Type=None	
D=Offset	Circles=0	
E=Oval Depth	Cost Supports=No	

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



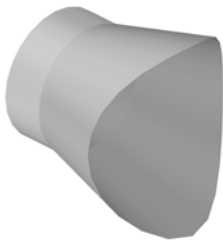
Dims	Options	Conn's
A=Width	Pipe Diameter Type=Nominal	C1=None
B=Branch Width #1	Branch Diameter Type=Nominal	C2=None
C=Branch Depth #1	Outline Only=Yes	C3=None
D=Panel Depth	Show Duct=No	
E=Handle Top Diameter	Handle Points=6	
F=Handle Bottom Diameter		
G=Handle Top Length		
H=Handle Bottom Length	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

Seams
S1=None
S2=None

Damper:

Pattern: 751

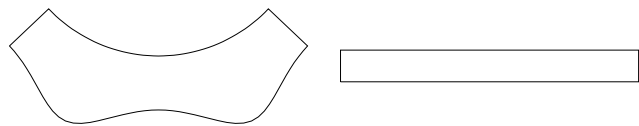
Round



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	

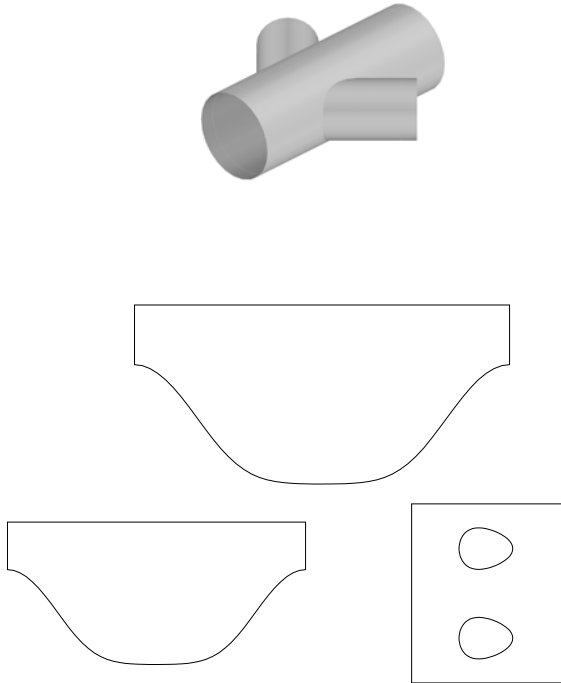
Seams
S1=None
S2=None

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	

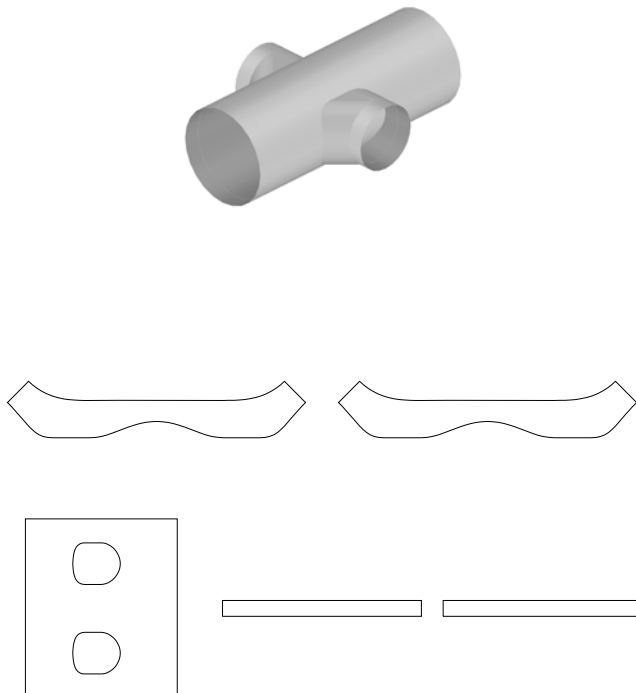
Seams

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		

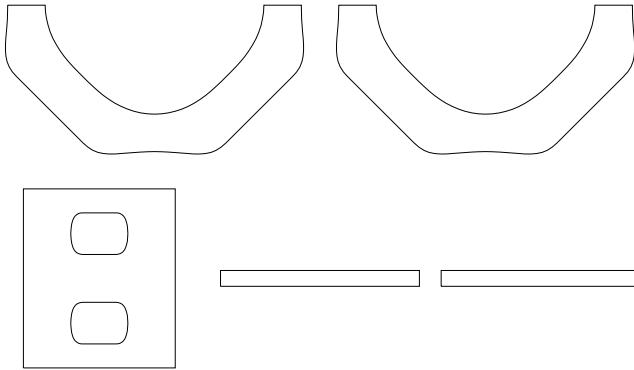
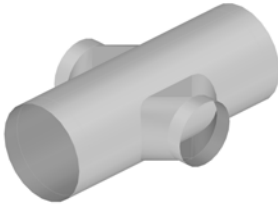
Seams

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	

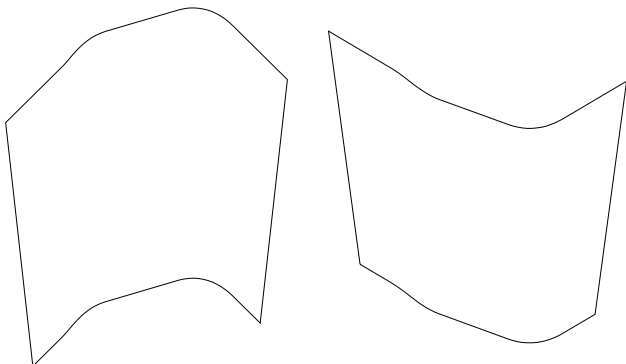
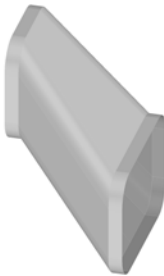
Seams

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		

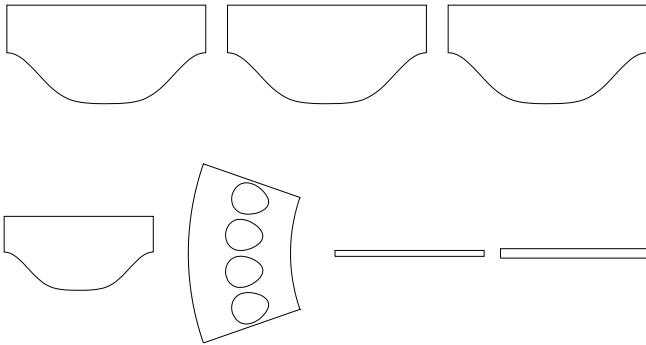
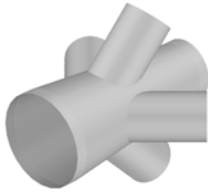
Seams

S1=None

Damper:

Pattern: 811

Round



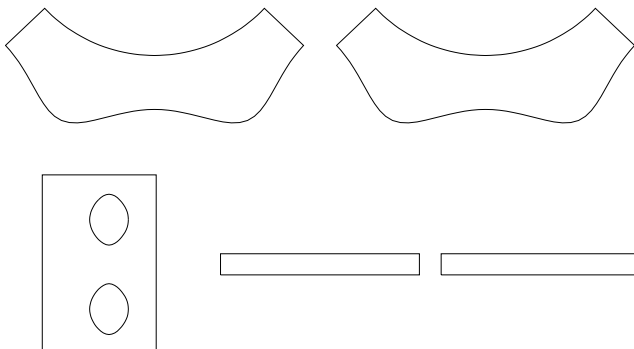
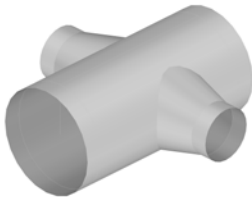
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	First Break=0.000	C3=None
D=Left Extension	Second Break=0.000	C4=None
E=Right Extension	Third Break=0.000	C5=None
F=Branch Diameter #1	Seam Position=45.000	C6=None
G=Branch Length #1	Diameter 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		

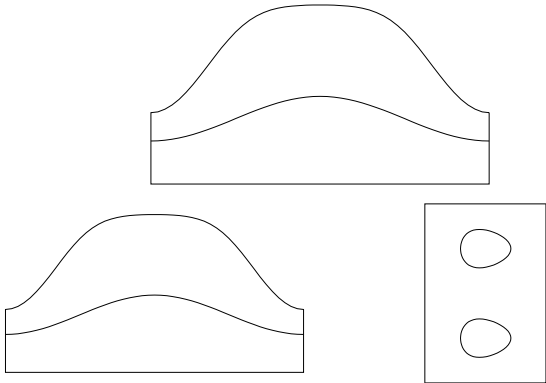
Seams

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		

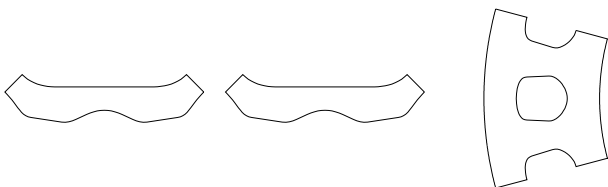
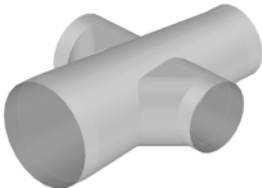
Seams

S1=None
S2=None
S3=None

Damper:

Pattern: 815

Round

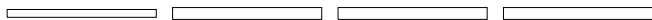


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	C4=None
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch Length	Branch 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

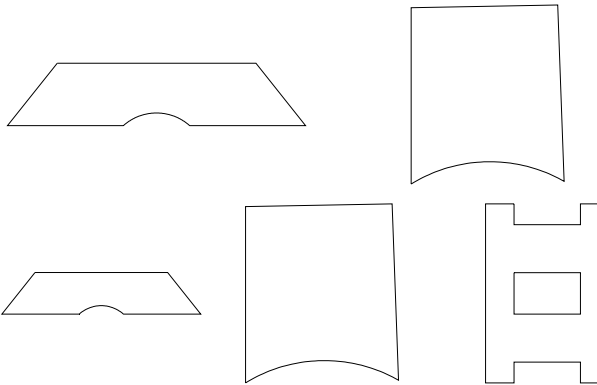
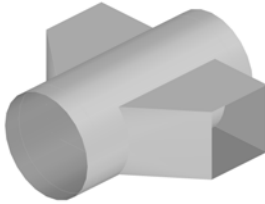
S1=None
S2=None
S3=None

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		

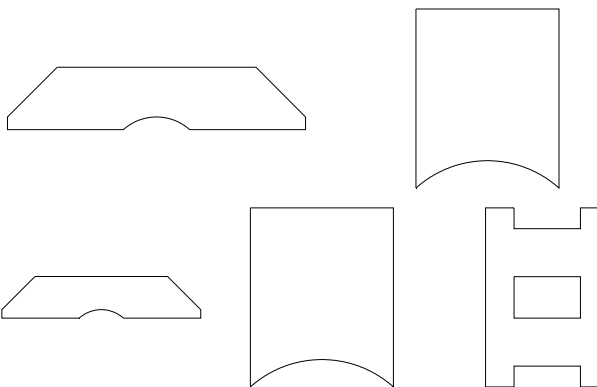
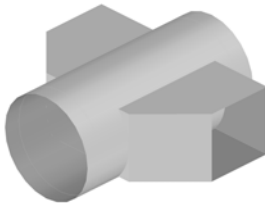
Seams

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		

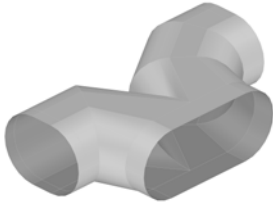
Seams

S1=None
S2=None
S3=None

Damper: None
None
None
None

Pattern: 820

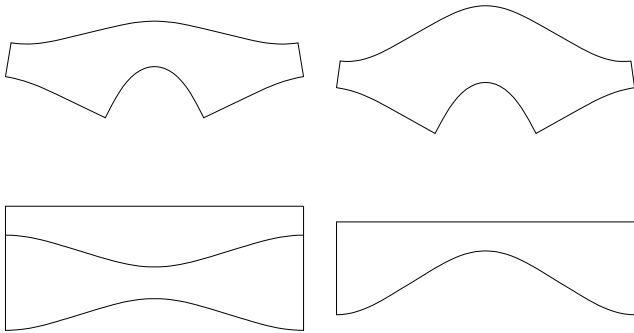
Round/Flat Oval



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		

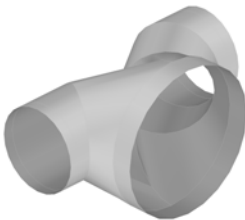
Seams
S1=None

Damper:



Pattern: 821

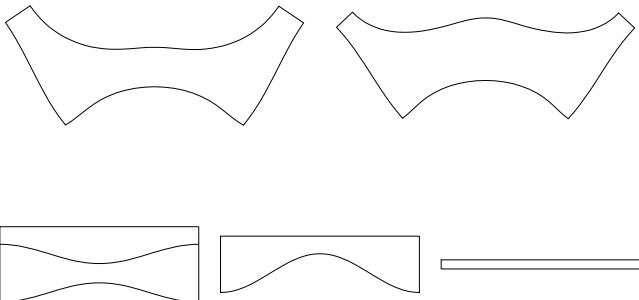
Round



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		

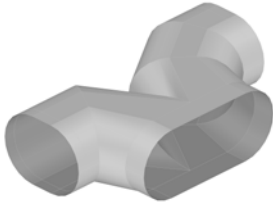
Seams
S1=None

Damper:



Pattern: 822

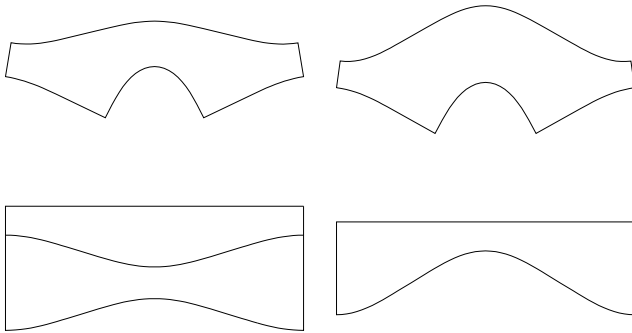
Round/Flat Oval



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		

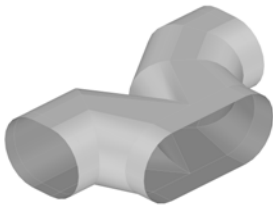
Seams
S1=None

Damper:



Pattern: 823

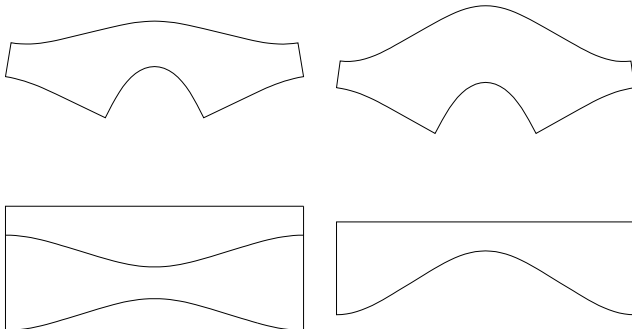
Round/Flat Oval



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		

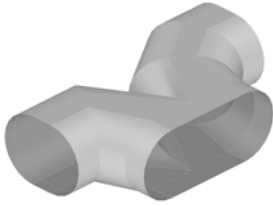
Seams
S1=None

Damper:



Pattern: 824

Round/Flat Oval

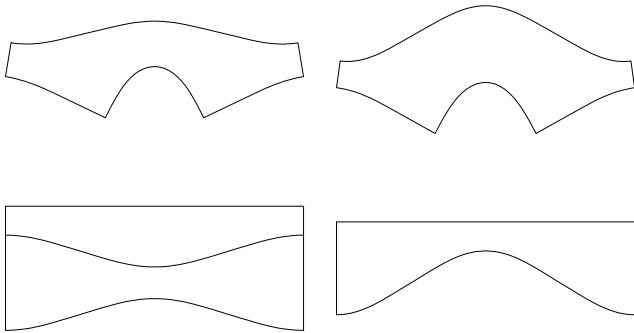


Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Top Diameter Type=Nominal	C2=None
C=Right Width	Right Diameter Type=Nominal	C3=None
D=Right Depth	Left Diameter Type=Nominal	C4=None
E=Left Width	Number Of Segments=2	C5=None
F=Left Depth	Number Of Segments=1	C6=None
G=Right 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

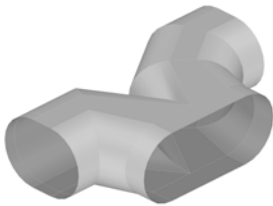
S1=None

Damper:



Pattern: 825

Round/Flat Oval

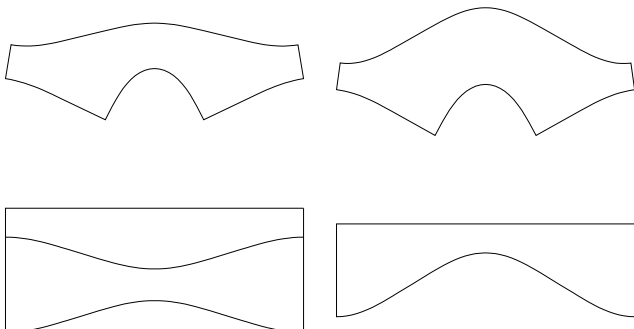


Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Right Diameter Type=Nominal	C2=None
C=Right Width	Left Diameter Type=Nominal	C3=None
D=Right Depth	Number Of Segments=2	C4=None
E=Left Width	Number Of Segments=1	C5=None
F=Left Depth	Single Segments=No	C6=None
G=Right Radius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

Seams

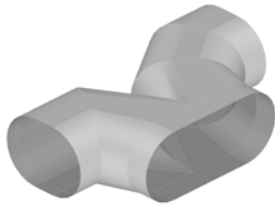
S1=None

Damper:



Pattern: 826

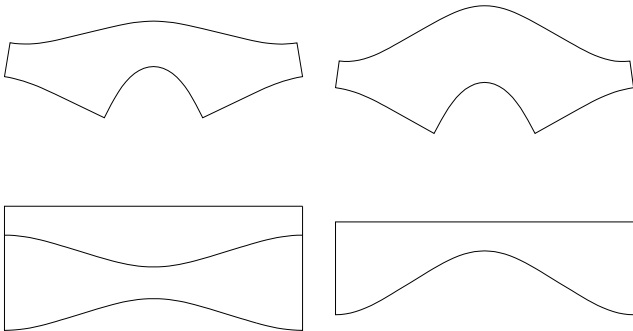
Round/Flat Oval



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		

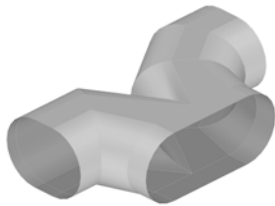
Seams
S1=None

Damper:



Pattern: 827

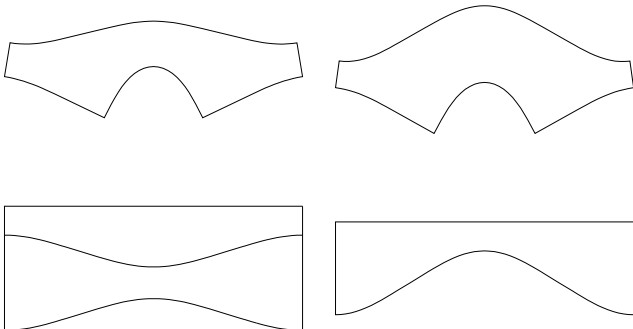
Round/Flat Oval



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		

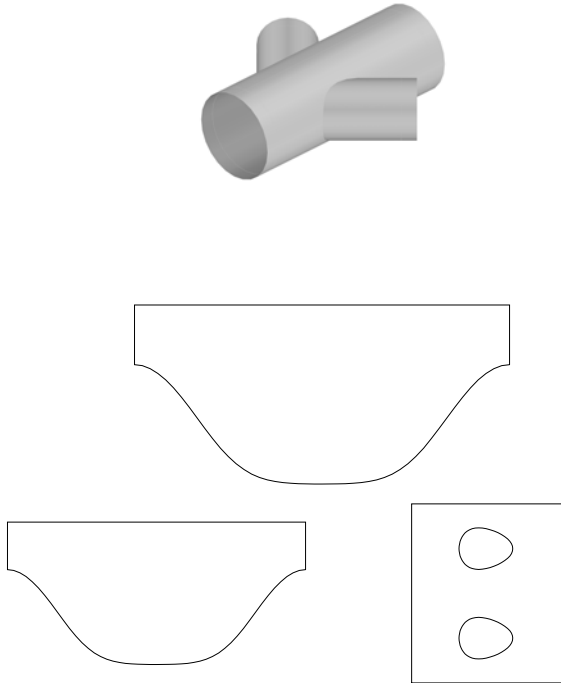
Seams
S1=None

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		

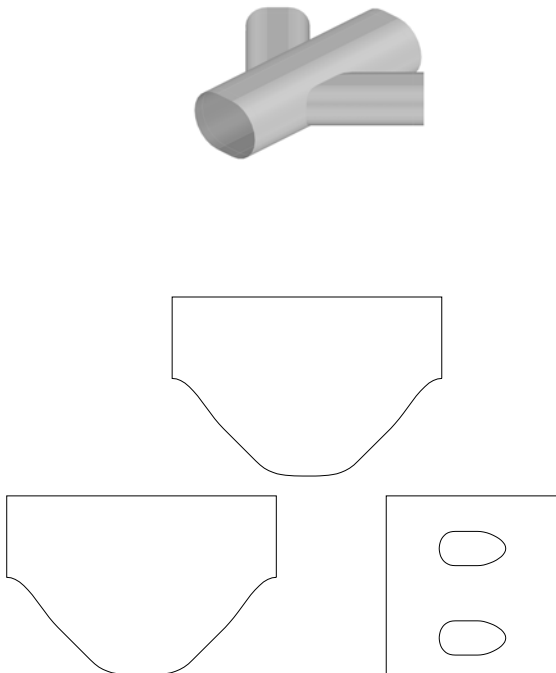
Seams

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		

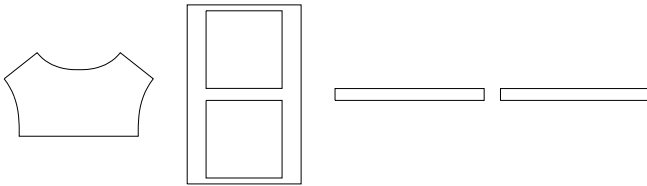
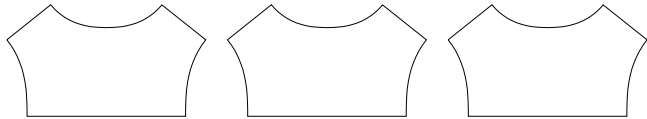
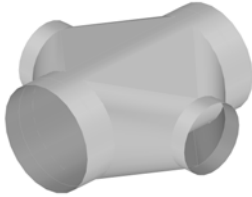
Seams

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		

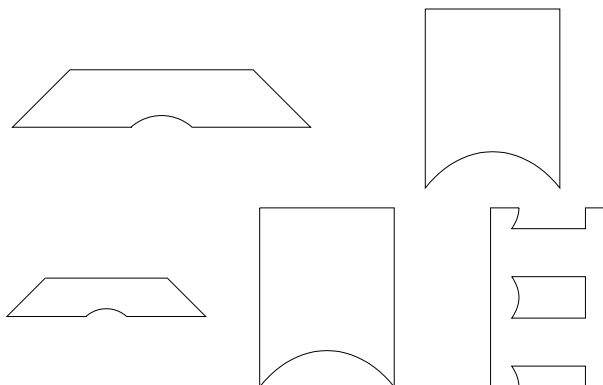
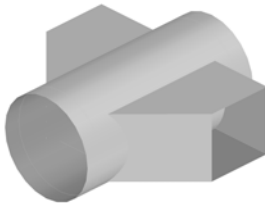
Seams

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

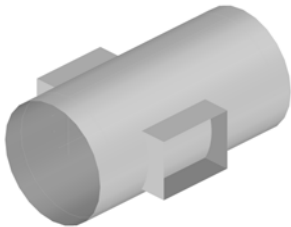
Round/Standard/Equipment



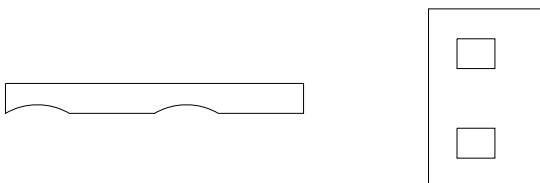
Dims	Options	Conn's
A=Diameter	Type=Profiled Bearer	C1=None
B=Bearer Extn	Profile=Round	C2=None
C=Left Angle	Pipework=No	C3=None
D=Right Angle	Number Of Round Sections=Auto	
E=Rod Extn Above	Drop Rod Diameter=0.400	
F=Rod Extn Below	Bearer Width=2.000	
G=Length A	Bearer Thickness=0.400	
H=Length B	Oversized 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	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: 839

Round

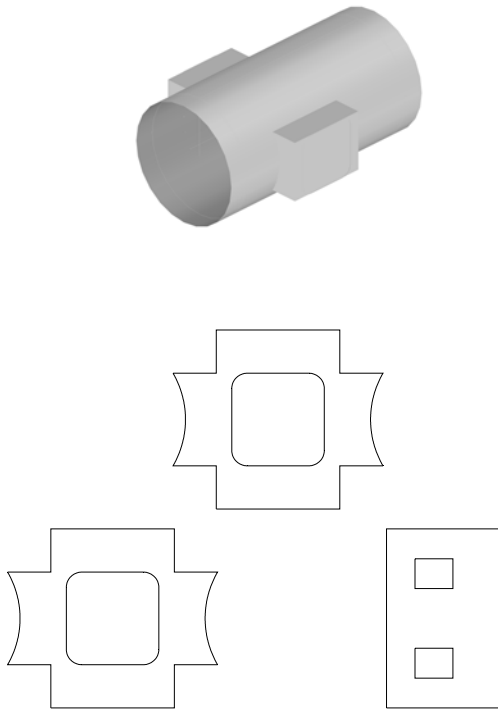


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	C4=None
E=Branch Width	Branch Parts=1	C5=None
F=Branch Depth	Pipe Seam Position=0.000	
G=Branch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



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		

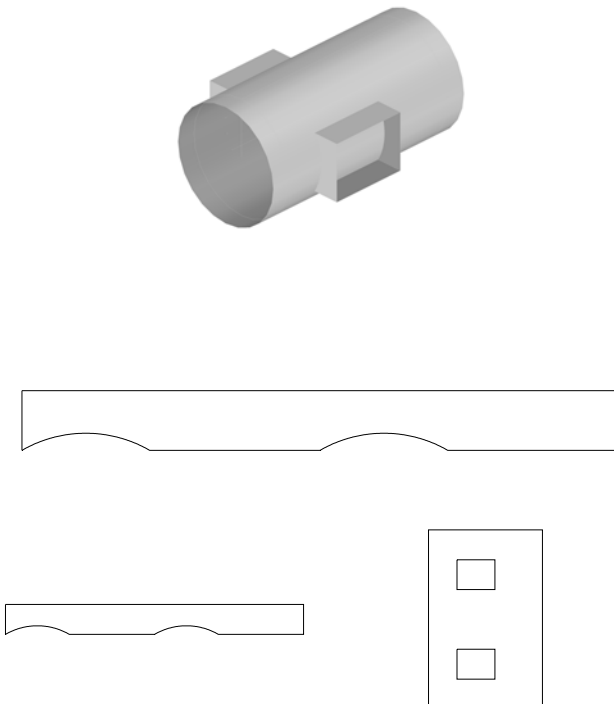
Seams

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		

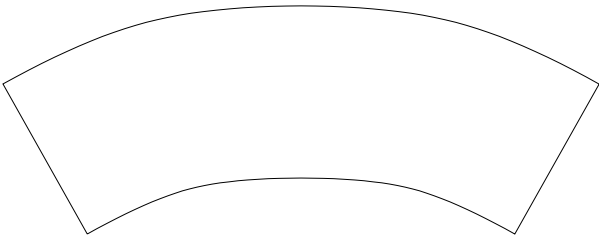
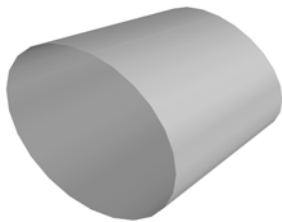
Seams

S1=None
S2=None

Damper:

Pattern: 845

Round



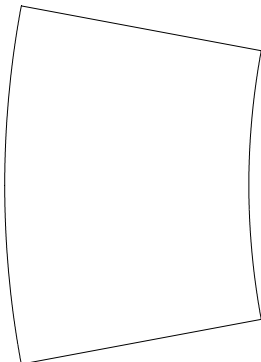
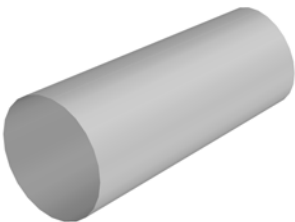
Dims	Options	Conn's
A=Left Width	Cross Break=1	
B=Left Depth	Seam Position=0.000	
C=Right Width		
D=Right Depth		
E=Length		
F=Offset		

Seams
S1=None

Damper:

Pattern: 850

Round/Fabrication



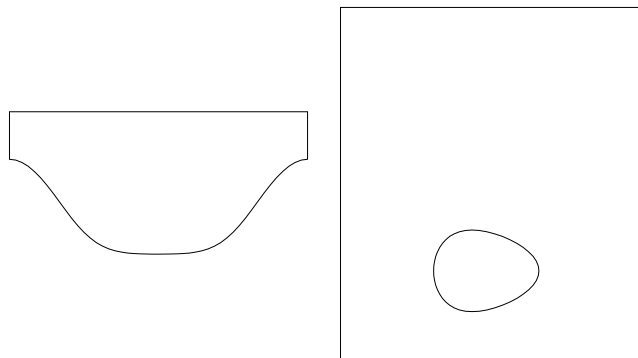
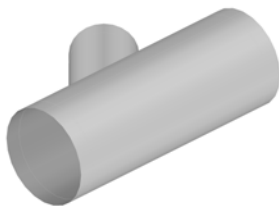
Dims	Options	Conn's
A=Left Diameter	Diameter Type BE=Nominal	C1=None
B=Right Diameter	Diameter Type SE=Nominal	C2=None
C=Pipe Length	Cross Break=1	
D=Left Extension	Seam Position=0.000	
E=Right Extension	Shoe Branch Lengths CLine=Yes	
F=Offset Width	Length Break=1	
G=Offset Depth		

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

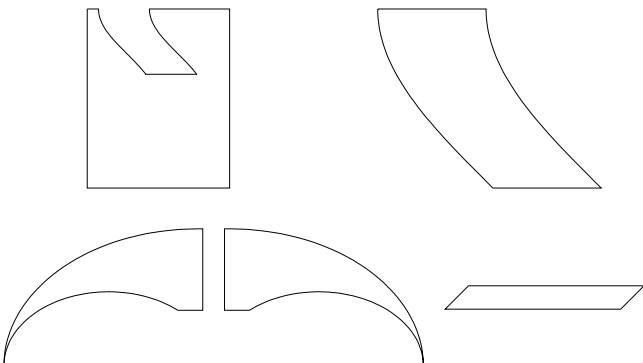
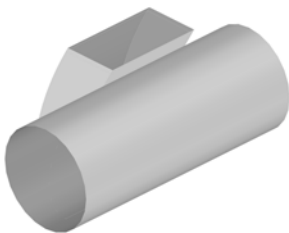
Damper: None

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

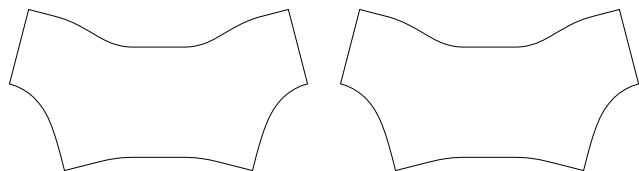
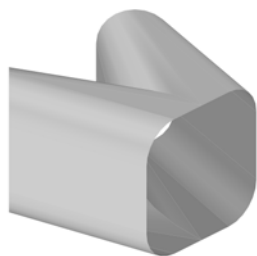
S4=None

S5=None

Damper:

Pattern: 854

Rectangular/Round/Flat Oval



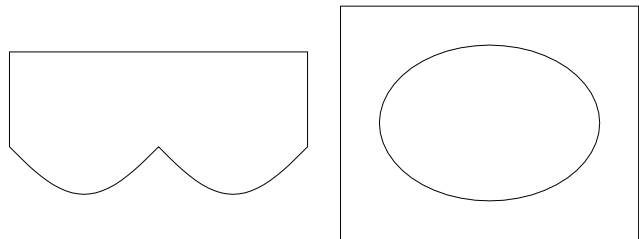
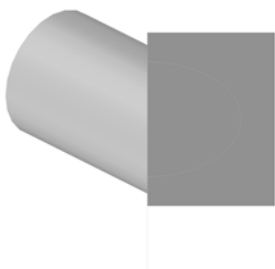
Dims	Options	Conn's
A=Btm Width	Bottom Diameter Type=Nominal	C1=None
B=Btm Depth	Left Diameter Type=Nominal	C2=None
C=Bottom Radius	Right Diameter Type=Nominal	C3=None
D=Left Width	Seam Position=Top	C4=None
E=Left Depth		
F=Left Radius		
G=Right Width		
H=Right Depth		
I=Right Radius		
J=Left Angle	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



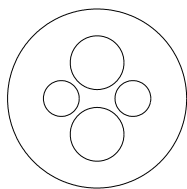
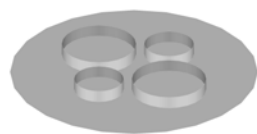
Dims	Options	Conn's
A=Branch Diameter	Seam Position=0.000	
B=Length	Hole Adjust=0.000	
C=Angle	Diameter Type=Nominal	
D=Plate Border	Turnover=0.000	

Seams
S1=None

Damper:

Pattern: 856

Round



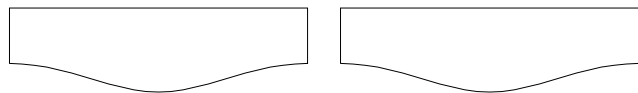
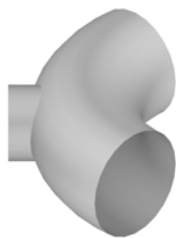
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Collar	Hole Type=Nominal	C2=None
C=Hole Diameter		C3=None
D=Hole Angle		C4=None
E=Fixing Radius		C5=None
F=Collar		
G=Hole Diameter		
H=Hole Angle		
I=Fixing Radius		
J=Collar		
K=Hole Diameter		
L=Hole Angle		
M=Fixing Radius		
N=Collar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

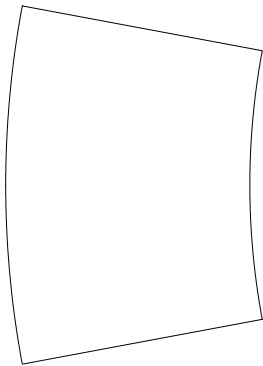
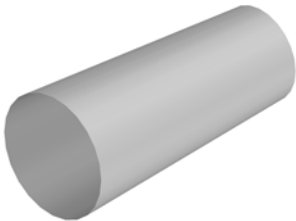
Seams

S1=None

Damper: None

Pattern: 858

Round



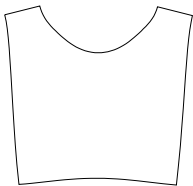
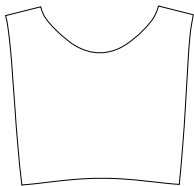
Dims	Options	Conn's
A=Pipe Diameter	Diameter Type BE=Nominal	C1=None
B=Pipe Diameter	Diameter Type SE=Nominal	C2=None
C=Pipe Length	Cross Break=1	
D=Left Extension	Seam Position=0.000	
E=Right Extension	Hole Inset=Along Slope	
	Hole Inset=Hole Centre	

Seams
S1=None

Damper:

Pattern: 863

Round/Fabrication



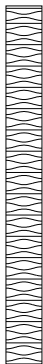
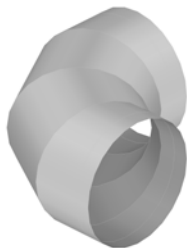
Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter	Left Diameter Type=Nominal	C2=None
C=Angle	Right Diameter Type=Nominal	C3=None
D=Centre Length	Seam Position=Top	C4=None
E=Btm Length	Marker Type=Notch	
F=Bottom Collar		
G=Left Collar		
H=Right Collar		

Seams
S1=None

Damper:

Pattern: 865

Round



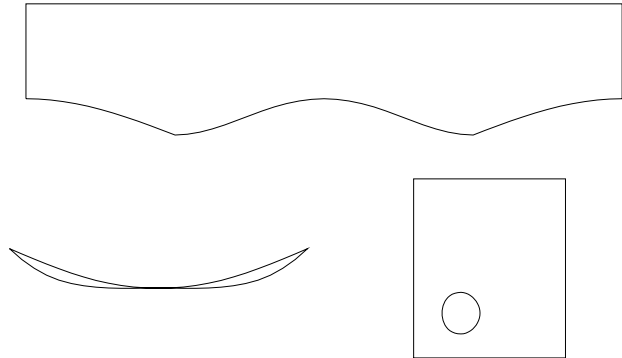
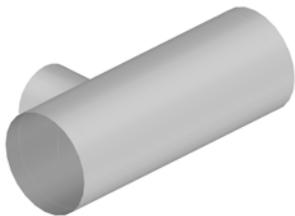
Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Diameter Type=Nominal	C2=None
C=Angle	Type=Normal	C3=None
D=Bottom Extension	Pipe Length=500.000	
E=Top Extension	Cut Length=0.000	
	Cut Length=0.000	
	Cut Length=0.000	

Seams
S1=None

Damper:

Pattern: 867

Round



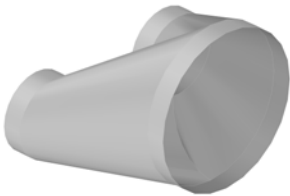
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	Seam Position=0.000	
E=Branch Diameter	First Break=180.000	
F=Branch Length	Second Break=270.000	
G=Angle	Third Break=90.000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

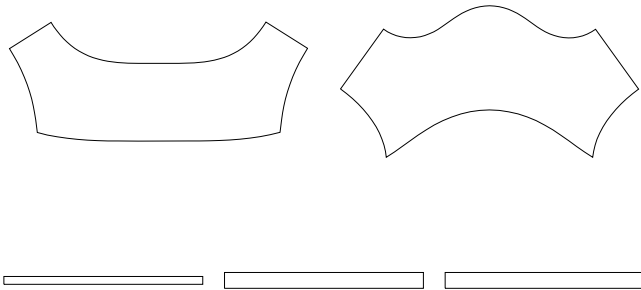
Round



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

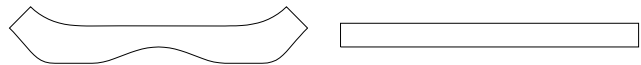
Round



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



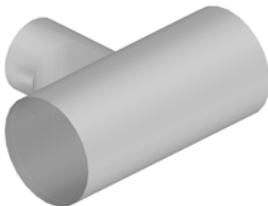
Dims	Options	Conn's
A=Diameter	Spacing=50.000	C1=None
B=Length	Diameter Ratio=1.100	C2=None
C=Item Centre Line Length	Max Length=0.000	
	Draw as Single Line=No	
	Number Of Round Sections=12	

Seams

Damper:

Pattern: 874

Round

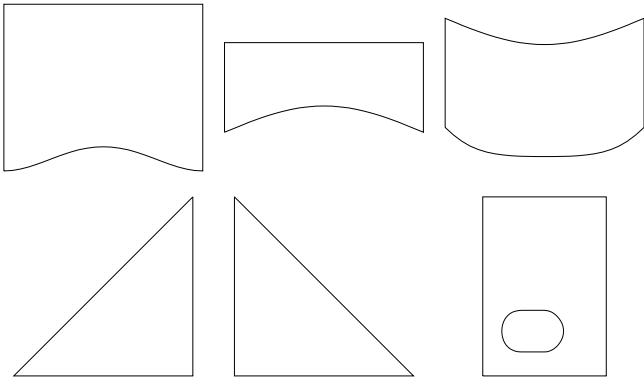


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Branch Diameter Type=Nominal	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	Seam Position=0.000	
E=Branch Diameter	First Break=180.000	
F=Branch Length	Second Break=270.000	
G=Angle	Third Break=90.000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

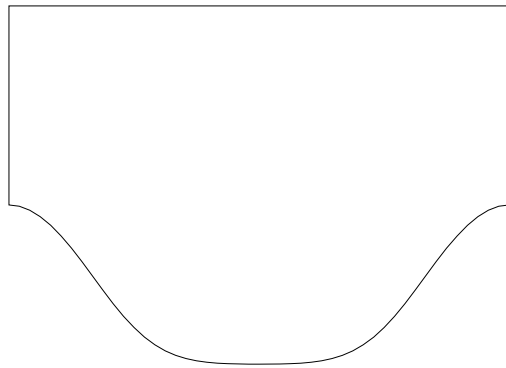
Seams

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

Damper:

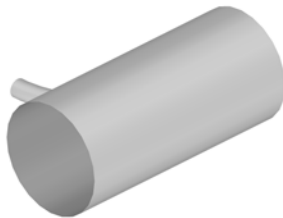


Round



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



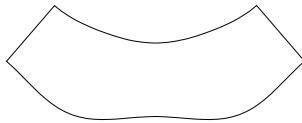
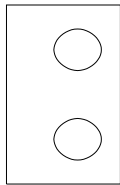
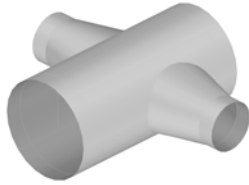
Dims	Options	Conn's
A=Pipe Diameter	Type=Supply	C1=None
B=Branch Diameter	Angle Tolerance=0.000	C2=None
C=Branch Length	Inlet=2	
D=Angle	Outlet=1	
E=Collar	Number Of Segments=12	

Seams

Damper:

Pattern: 884

Round

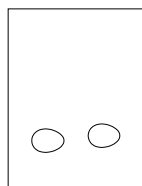
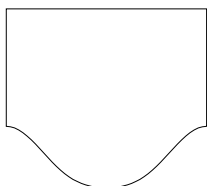
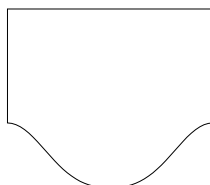
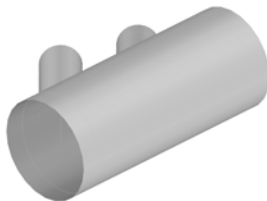


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=... C11... C21...
B=Pipe Length	Branch Parts=1	C2=... C12... C22...
C=Left Extension	Pipe Seam Position=0.000	C3=... C13...
D=Right Extension	First Break=0.000	C4=... C14...
E=Branch Diameter #1	Second Break=0.000	C5=... C15...
F=Hole Width #1	Third 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		
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		

Damper:

Pattern: 885

Round

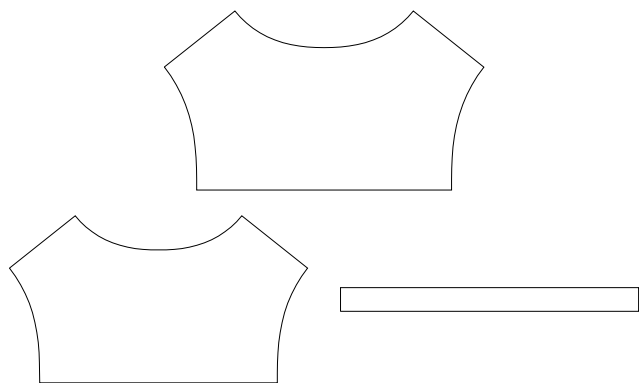


Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Length	Branch Parts=1	C2=None
C=Left Extension	First Break=0.000	C3=None
D=Right Extension	Second Break=0.000	C4=None
E=Branch Diameter	Third Break=0.000	
F=Branch Length	Seam Position=0.000	
G=Angle	Pipe Diameter Type=Nominal	
H=Twist Angle	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



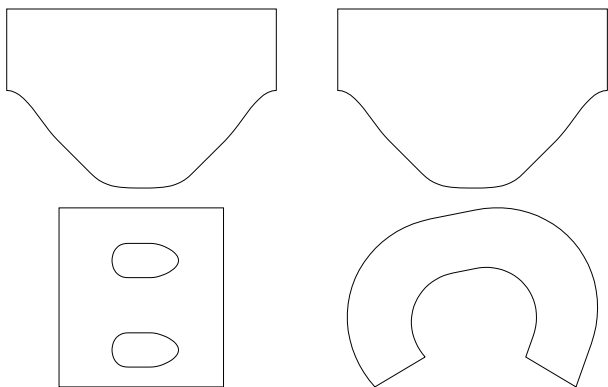
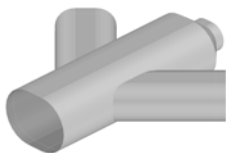
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Branch Diameter	Branch Diameter Type=Nominal	C2=None
C=Branch Length	Branch Diameter Type=Nominal	C3=None
D=Angle	Hole Adjust=0.000	
E=Angle	Round Allowance To Pipe=0.000	
F=Collar	Flat Allowance To Pipe=0.000	
G=Offset	Seam Position=0.000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

Seams
S1=None
S2=None

Damper:

Pattern: 889

Round/Flat Oval



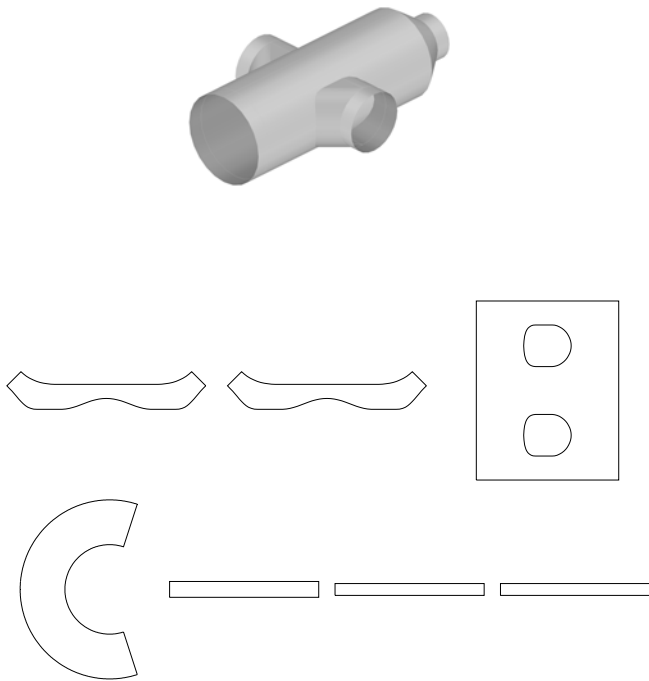
Dims	Options	Conn's
A=Width	Pipe Parts=1	C1=None
B=Depth	Branch Parts=1	C2=None
C=Length	Pipe Diameter Type=Nominal	C3=None
D=Left Extension	Branch Diameter Type=Nominal	C4=None
E=Right Extension	Seam Position=0.000	C5=None
F=Branch Width #1	Right Diameter Type=Nominal	
G=Branch Depth #1	Branch Allowance 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		

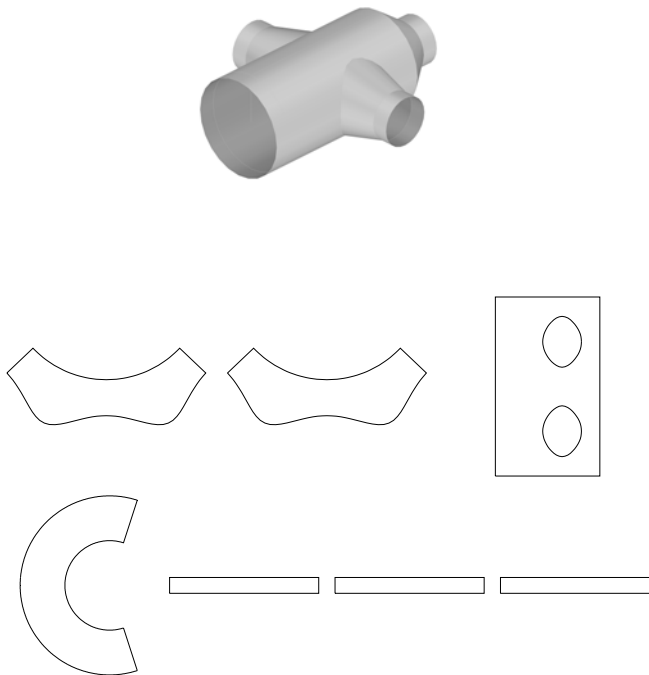
Seams

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		

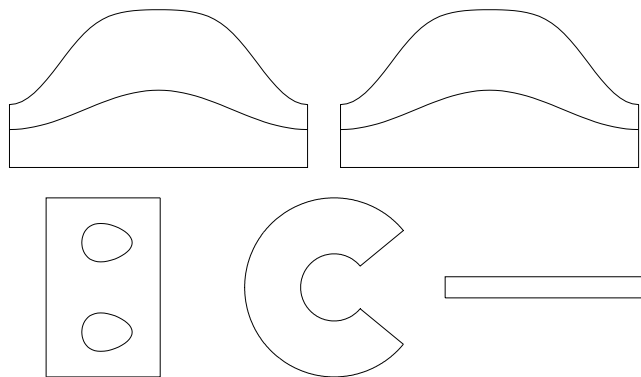
Seams

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

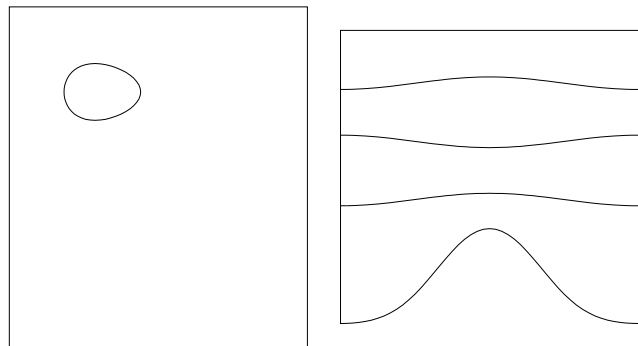
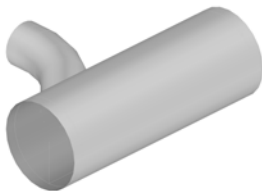
S2=None

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

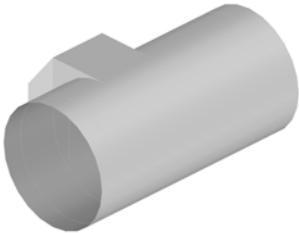
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Pipework=No	
	Show Boundaries=No	

Seams

Damper:

Pattern: 904

Round

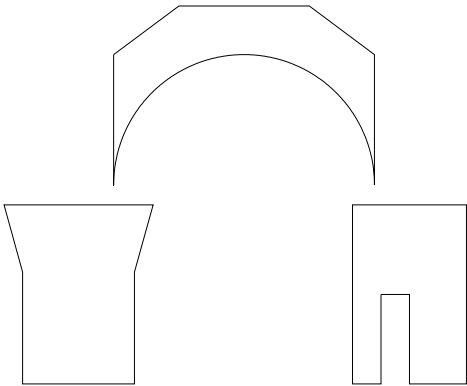


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Pipe Parts=1	
E=Branch Width	Pipe Seam Position=0.000	
F=Branch Depth	Hole Adjust=0.000	
G=Branch Length	Plate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

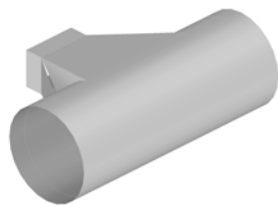
S1=None
S2=None

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		

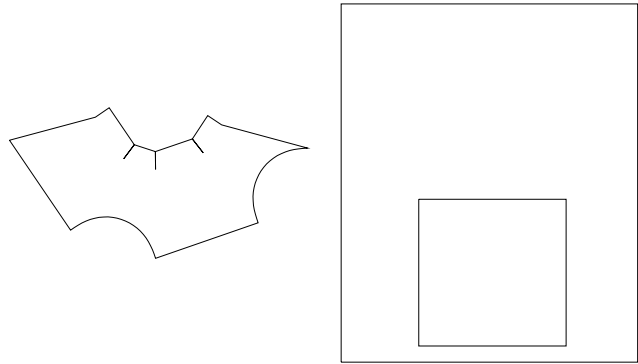
Seams

S1=None

S2=None

S3=None

Damper:



Pattern: 907

Round

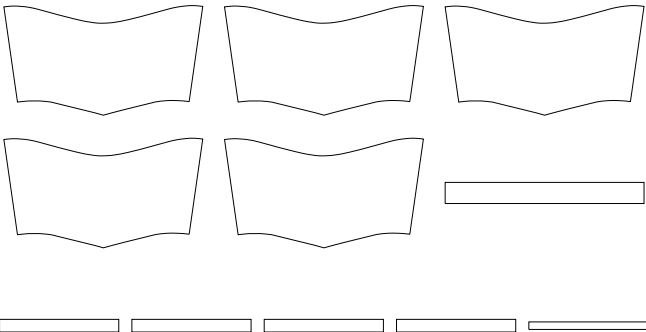


Dims	Options	Conn's
A=Bottom Diameter	Bottom Diameter Type=Nominal	C1=None
B=Top Diameter #1	Top Diameter Type=Nominal	C2=None
C=Top Diameter #2	Seam Position=Front	C3=None
D=Top Diameter #3	Cross Break=1	C4=None
E=Top Diameter #4		C5=None
F=Top Diameter #5		C6=None
G=Height		C7=None
H=Length #1		
I=Bottom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

Seams

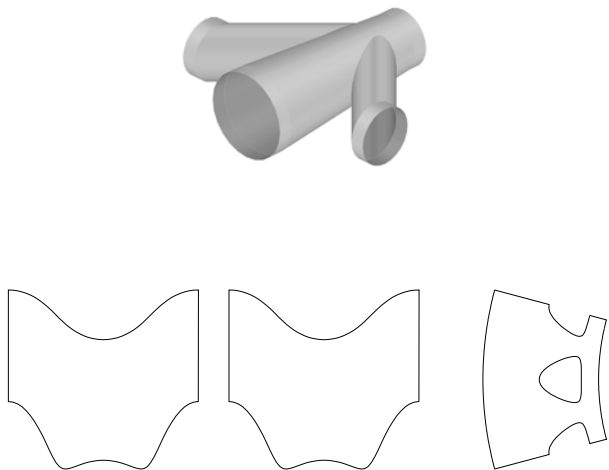
S1=None

Damper:



Pattern: 908

Round



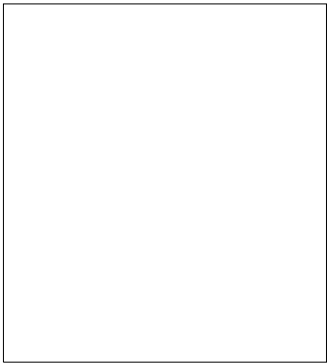
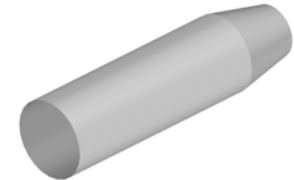
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Branch Parts=1	C2=None
C=Pipe Length	Pipe Seam Position=270.000	C3=None
D=Left Collar	Branch Seam Position=Throat	C4=None
E=Right Collar	Diameter Type BE=Nominal	
F=Branch Diameter	Diameter Type SE=Nominal	
G=Branch Length	Branch 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



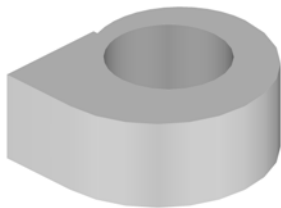
Dims	Options	Conn's
A=Diameter	Inlet=1	
B=Height	Outlet=1	
C=Top Length	Library=Round	
D=Btm Length	Fix Double Wall=No	
	Branches Inset Centrally=No	

Seams

Damper:

Pattern: 913

Rectangular/Round/Equipment



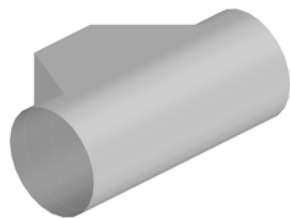
Dims	Options	Conn's
A=Width	Mirror=No	C1=None
B=Depth	Base Depth=Yes	C2=None
C=Length	Cost Supports=No	
D=Height		
E=X Distance		
F=Y Distance		
G=Diameter		
H=Rotation		
I=Base Height		
J=Base Width		
K=Base Depth		
L=Extension		

Seams

Damper:

Pattern: 917

Round

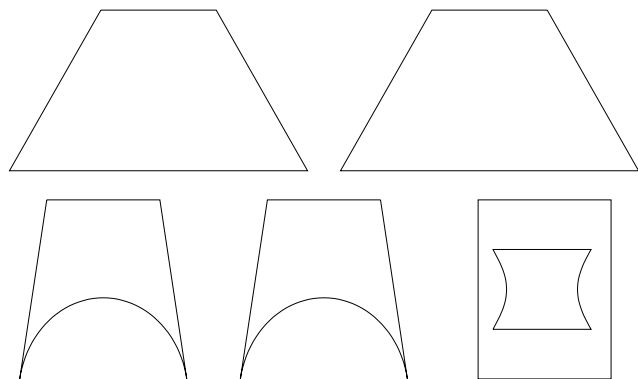


Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Round Allowance To Pipe=0.000	C2=None
C=Left Extension	Flat Allowance To Pipe=0.000	C3=None
D=Right Extension	Hole Adjust=0.000	
E=Branch Width	Pipe Parts=1	
F=Branch Depth	First Break=0.000	
G=Branch Length	Second Break=0.000	
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

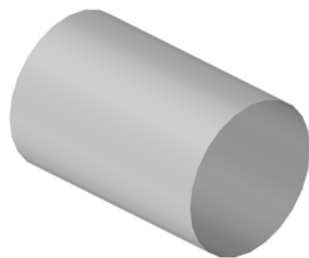
S1=None
S2=None

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		

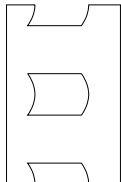
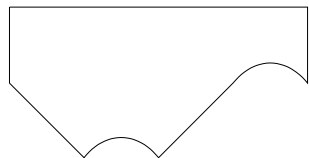
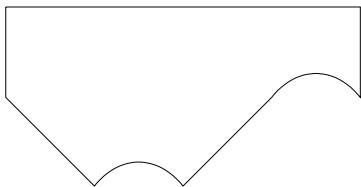
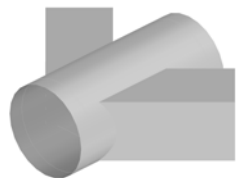
Seams

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

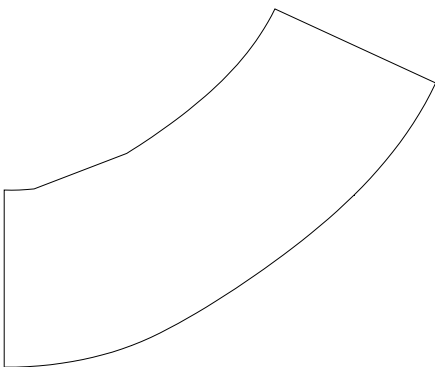
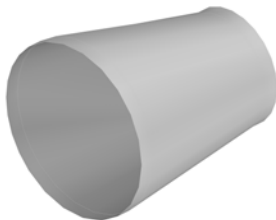
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Library=Duct	
	Faces=No	

Seams

Damper:

Pattern: 930

Round



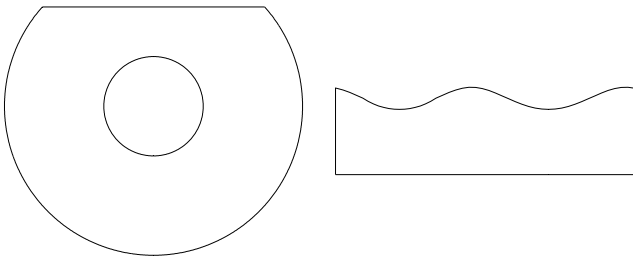
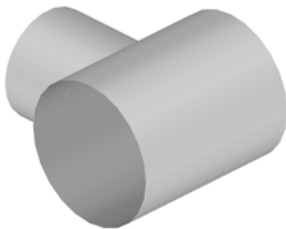
Dims	Options	Conn's
A=Diameter	Seam Position=0.000	C1=None
B=Diameter	2 Parts=No	C2=None
C=Length	Vee Notch Angle=20.000	
D=Y-Offset	Vee Notch Depth (C1)=0.000	
E=X-Offset	Vee Notch Depth (C2)=0.000	
F=Slice Depth	Seam For Weathering=No	
G=Slice Angle	Slice Left=No	
H=Left Collar	Slice Right=Yes	
I=Right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

Seams
S1=None

Damper:

Pattern: 931

Round



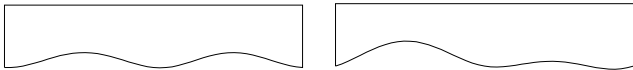
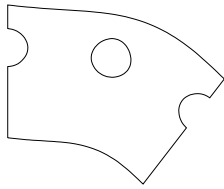
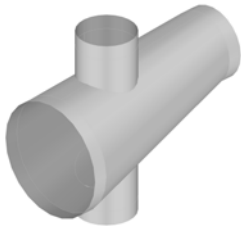
Dims	Options	Conn's
A=Branch Diameter	Branch Seam Position=0.000	C1=None
B=Branch Length	Branch Parts=1	C2=None
C=Hole Diameter	Branch Allowance To Pipe=0.000	
D=Slice Depth	Pipe Seam Position=0.000	
E=Slice Angle	Pipe Parts=None	
F=Pipe Diameter	Hole Adjust=20.000	
G=Pipe Length	Vee Notch Angle=20.000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

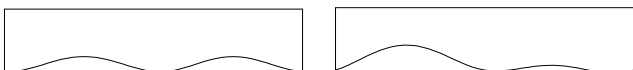
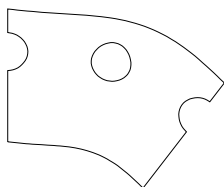
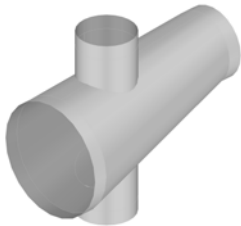
Seams

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		

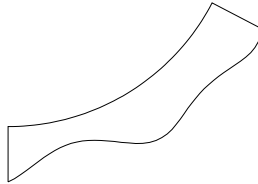
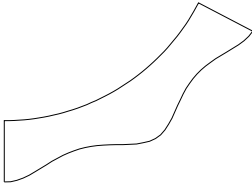
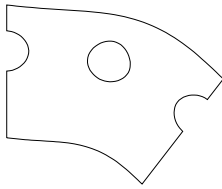
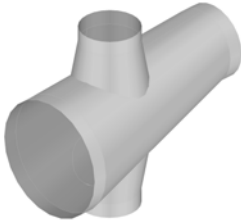
Seams

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		

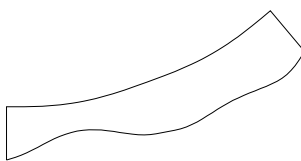
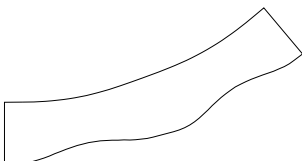
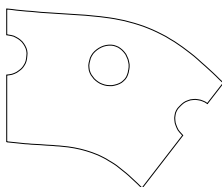
Seams

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		

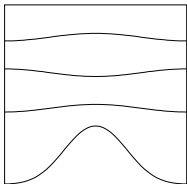
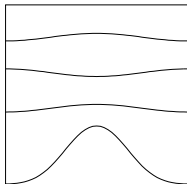
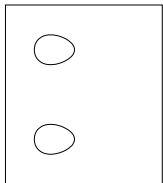
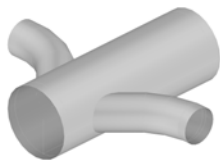
Seams

S1=None
S2=None

Damper: None
None
None
None

Pattern: 938

Round



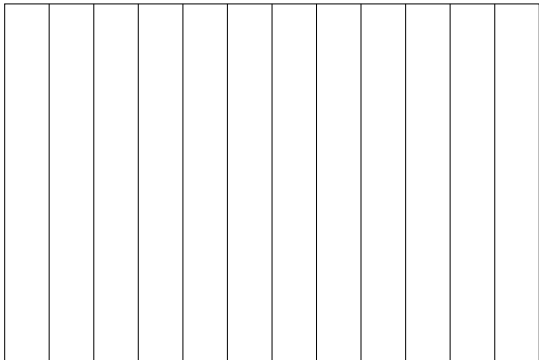
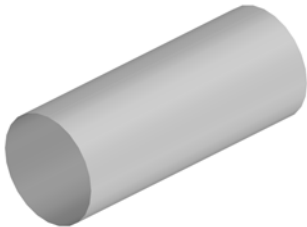
Dims	Options	Conn's
A=Pipe Diameter	Pipe Diameter Type=Nominal	C1=None
B=Pipe Length	Pipe Seam Position=180.000	C2=None
C=Left Extension	Pipe Parts=1	C3=None
D=Right Extension	First Break=0.000	C4=None
E=Branch Diameter #1	Second Break=0.000	C5=None
F=Angle #1	Third Break=0.000	
G=Inset #1	Branch Diameter 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



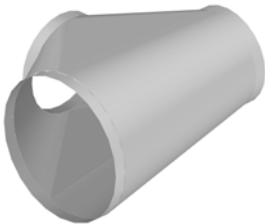
Dims	Options	Conn's
A=Diameter	Diameter Type=Nominal	C1=None
B=Length	Number Of Segments=12	C2=None
C=Left Extension	Diameter Adjust=3.000	
D=Right Extension	Half End=No	

Seams
S1=None

Damper: None
None

Pattern: 941

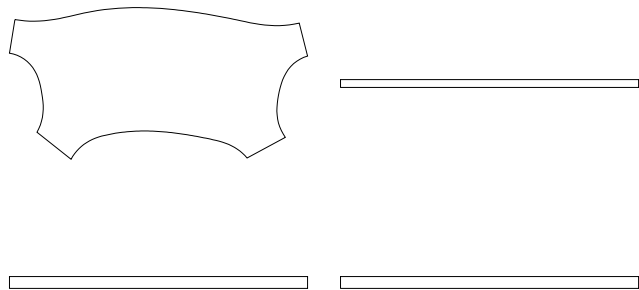
Round



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

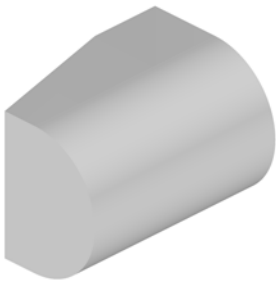
S1=None



Damper:

Pattern: 962

Rectangular/Round



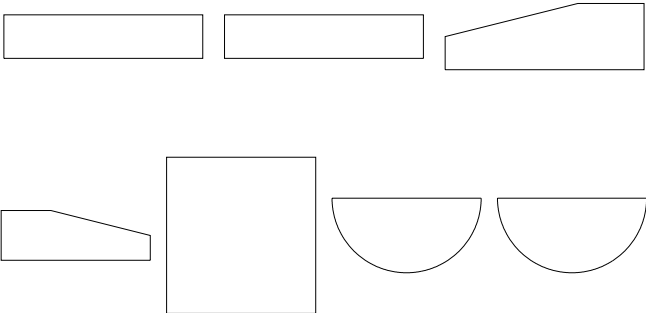
Dims	Options	Conn's
A=Diameter	Vee Depth Male=0.000	C1=None
B=Left Height	Vee Angle Male=30.000	
C=Right Height	Vee Depth Female=0.000	
D=Length	Vee Angle Female=30.000	
E=Right Length	Notch Out=No	
	Use Ends Seam 3=No	
	Split Radius=No	
	Close Middle=No	

Seams

S1=None

S2=None

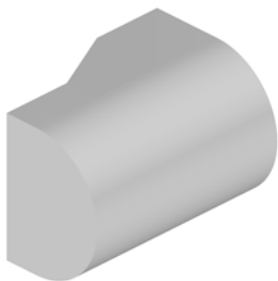
S3=None



Damper:

Pattern: 963

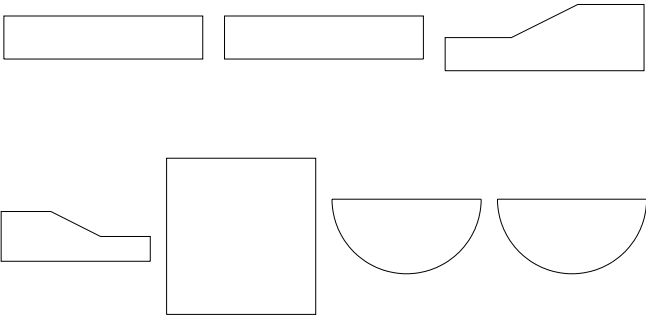
Rectangular/Round



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	

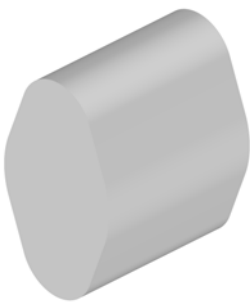
Seams
S1=None
S2=None
S3=None

Damper:



Pattern: 964

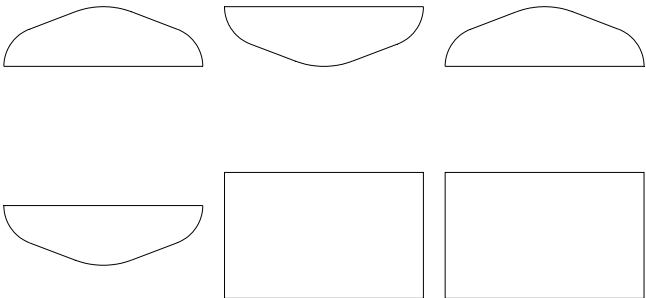
Rectangular/Round



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	

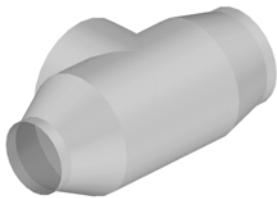
Seams
S1=None
S2=None

Damper:



Pattern: 965

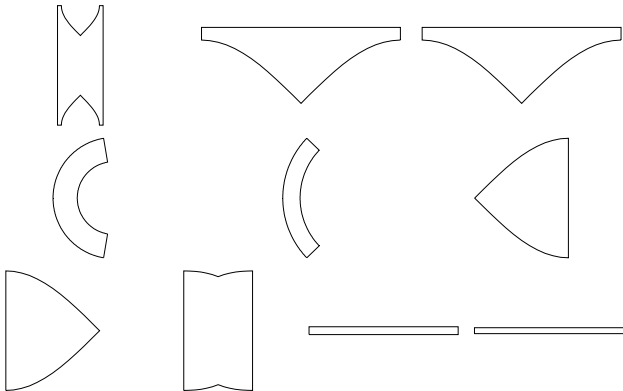
Round



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

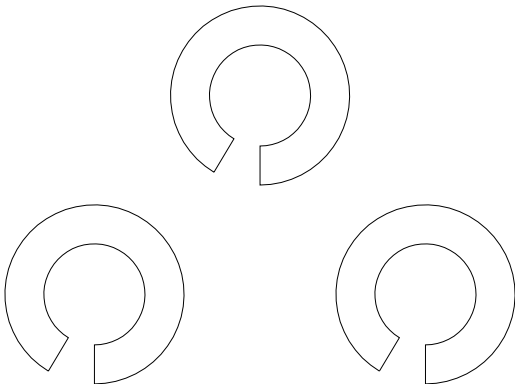
Round



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

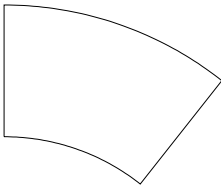
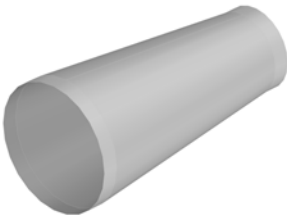
Seams
S1=None

Damper:



Pattern: 970

Round



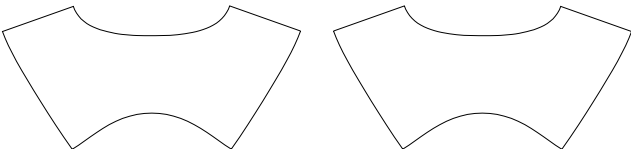
Dims	Options	Conn's
A=Pipe Diameter	Pipe Parts=1	C1=None
B=Pipe Diameter	Seam Position=0.000	C2=None
C=Pipe Length	Hole Adjust=0.000	
D=Left Extension	Diameter Type=Nominal	
E=Right Extension	Length Includes Extensions=No	
F=Offset Width	Correct Branch Inset/Length For Angle=No	
G=Offset Depth		

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



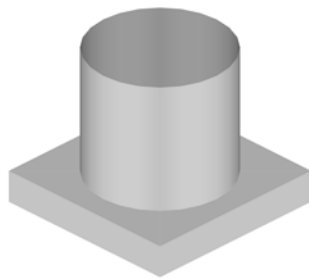
Dims	Options	Conn's
A=Diameter	Sex Type=Male	C1=None
B=Collar		C2=None
C=Length		
D=Offset		
E=Oval Depth		

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

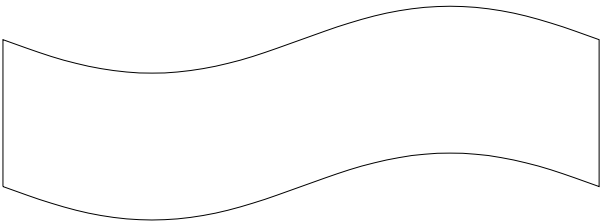
Round

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

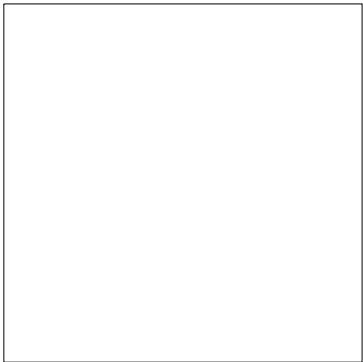
S1=None

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



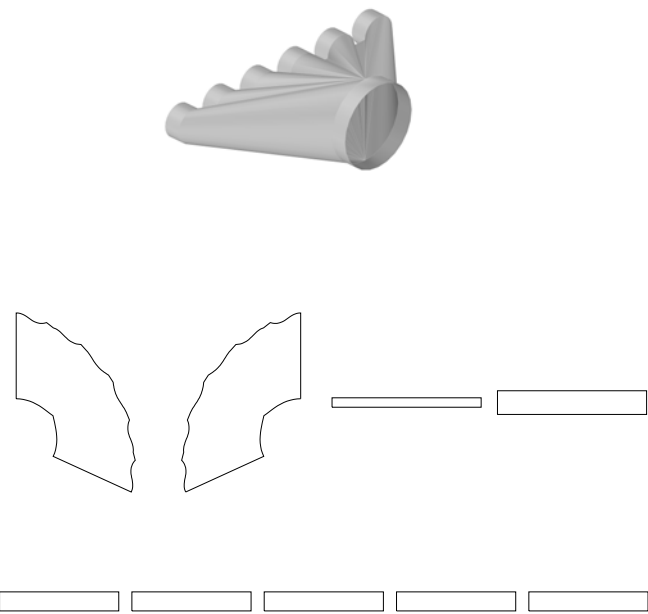
Dims	Options	Conn's
A=Diameter	Bend Radius=4.000	C1=None
B=Length	Factor Type=Multiples Of Diameter	C2=None
C=Lead Length	Max Length=0.000	
	Number Of Round Sections=12	
	Length=Auto	
	Length Adjust=0.000	
	Number Of Segments=Auto	
	Straight Annotation=Up	
	Bend Annotation=Front	
	Allowance=Default	

Seams

Damper:

Pattern: 1109

Round



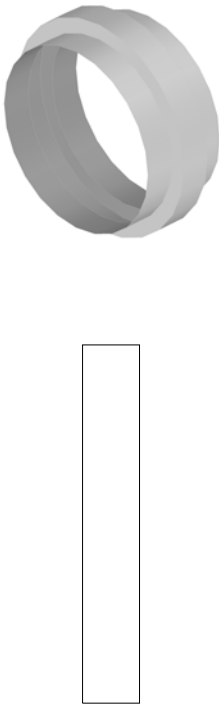
Dims	Options	Conn's
A=Bottom Diameter	Add Collars To Body=No	C1=None
B=Left Diameter	Flat Left=No	C2=None
C=Right Diameter	Notch Angle For Seam=0.000	C3=None
D=Top Diameter #1	Slope Angle=0.000	C4=None
E=Top Diameter #2	Number Of Branches=6	C5=None
F=Top Diameter #3		C6=None
G=Top Diameter #4		C7=None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

Seams
S1=None

Damper:

Pattern: 1137

Round

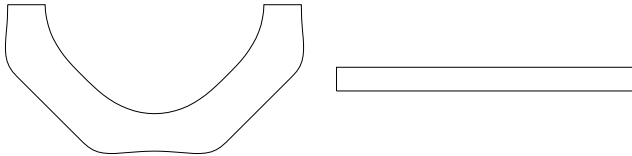


Dims	Options	Conn's
A=Pipe Diameter	Branch Parts=1	C1=None
B=Branch Diameter	Seam Position=0.000	C2=None
C=Branch Length	Pipe Diameter Type=Nominal	C3=None
D=Angle	Branch Diameter Type=Nominal	
E=Offset	Branch Diameter Type=Nominal	
F=Collar	Branch Allowance To Pipe=0.000	
	Hole Adjust=0.000	
	Plate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

Seams

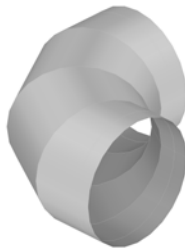
S1=None
S2=None

Damper: None
None
None



Pattern: 1141

Round

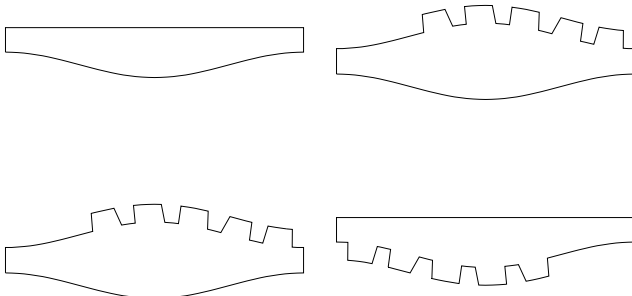


Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Diameter Type=Nominal	
E=Top Extension	Notch Angle For Seam=0	
	Marker Type=Notch	
	Diameter Reduction=0.000	
	Marker Depth=Default	
	Mark Sides=No	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

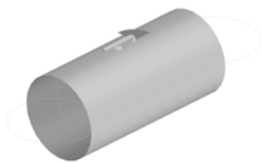
S1=None

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

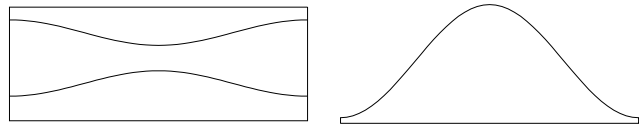


Dims	Options	Conn's
A=Diameter	Number Of Segments=3	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Cross Break=1	C3=None
D=Bottom Extension	Single Segments=No	
E=Top Extension Angle	Diameter Type=Nominal	
F=Top Extension Length	Automatic Nest Break If Oversize=No	
	Notch Angle For Seam=0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

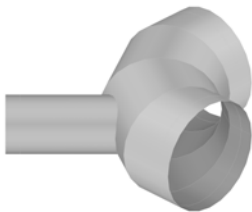
S1=None
S2=None

Damper: None
None



Pattern: 1173

Round

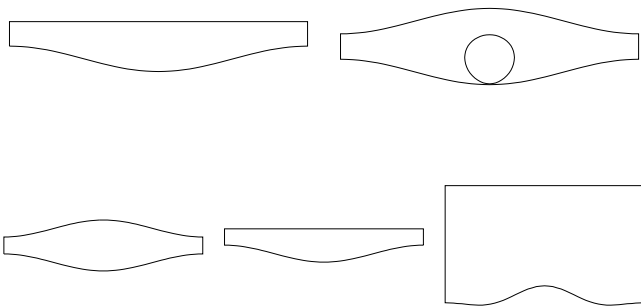


Dims	Options	Conn's
A=Diameter	Number Of Segments=4	C1=None
B=Inner Radius	Seam Position=0.000	C2=None
C=Angle	Pipe Diameter Type=Nominal	C3=None
D=Bottom Extension	Branch Diameter Type=Nominal	C4=None
E=Top Extension	Marker Type=Notch	
F=Branch Diameter	Branch Allowance To Pipe=0.000	
G=Branch Length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

Seams

S1=None

S2=None



Damper:

Pattern: 1175

Round/Standard/Equipment

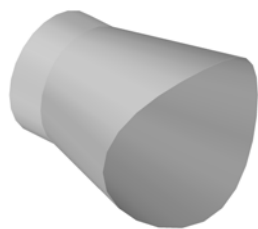
Dims	Options	Conn's
	Inlet=1	
	Outlet=1	
	Library=Duct	
	Faces=No	

Seams

Damper:

Pattern: 1177

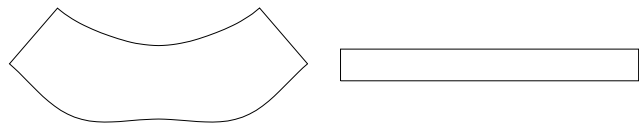
Round



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

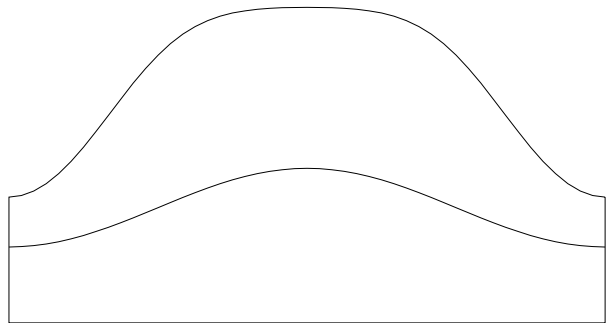
Round



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		

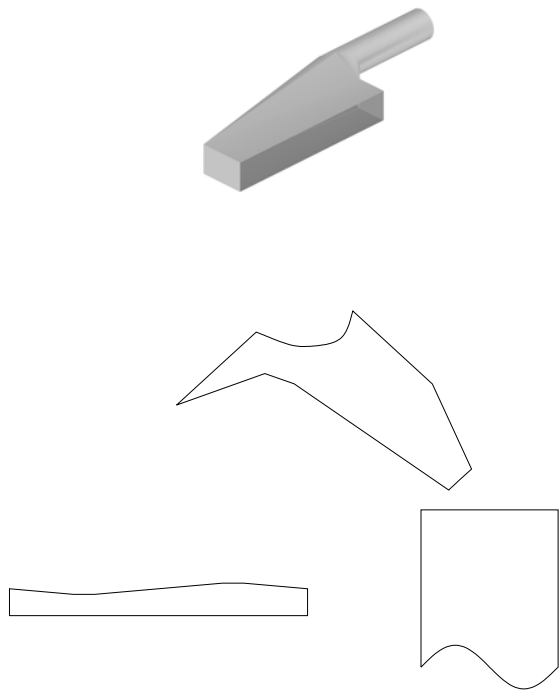
Seams
S1=None
S2=None

Damper: None



Pattern: 1190

Rectangular/Round

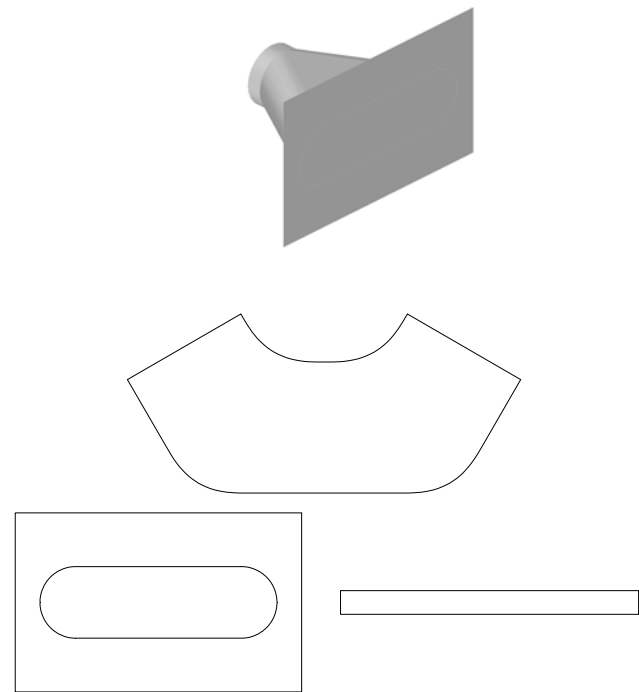


Dims	Options	Conn's
A=Width	Diameter Type=Nominal	C1=None
B=Depth	Round Parts=1	C2=None
C=Diameter	Rect Parts=1	
D=Btm Left Ext	Body Cross Break=1	
E=Btm Right Ext	Body Length Break=1	
F=Top Upper Extension	Seam Position=Width	
G=Top Lower Extension	Marker Type=Notch	
H=Inner Length #1	Inlet=1	
I=Inner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



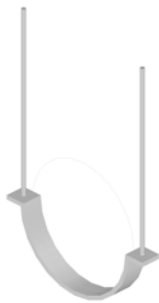
Dims	Options	Conn's
A=Pipe Diameter	Lines Input=Quantity	C1=None
B=Width	Horizontal Lines=10	
C=Length	Vertical Lines=10	
D=Thickness	Depth Input=Inside	
E=Frame Width		
F=Frame Length		
G=Depth		

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



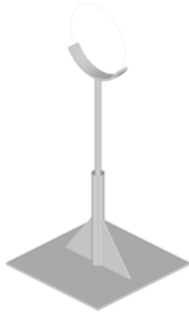
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Height	Block Length=0.000	C2=None
C=Offset	Number Of Round Sections=Auto	C3=None
D=Top Length	Drop Rod Diameter=0.400	
E=Lap	Bearer Width=2.000	
F=Rod Extn Below	Bearer Thickness=0.400	
G=Rod Extn Above	Hex End=Yes	
H=Length A	Roller Rod 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



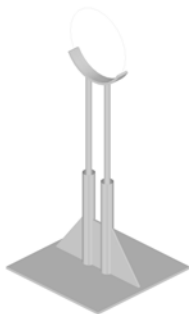
Dims	Options	Conn's
A=Diameter	Block Thickness=0.000	C1=None
B=Base Width	Block Length=0.000	C2=None
C=Base Depth	Number Of Round Sections=Auto	C3=None
D=Thickness	Drop Rod Diameter=2.000	
E=Pipe Length	Bearer Width=2.000	
F=Centreline Length	Bearer Thickness=0.400	
G=Gusset Length	Roller Rod Diameter=1.000	
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: