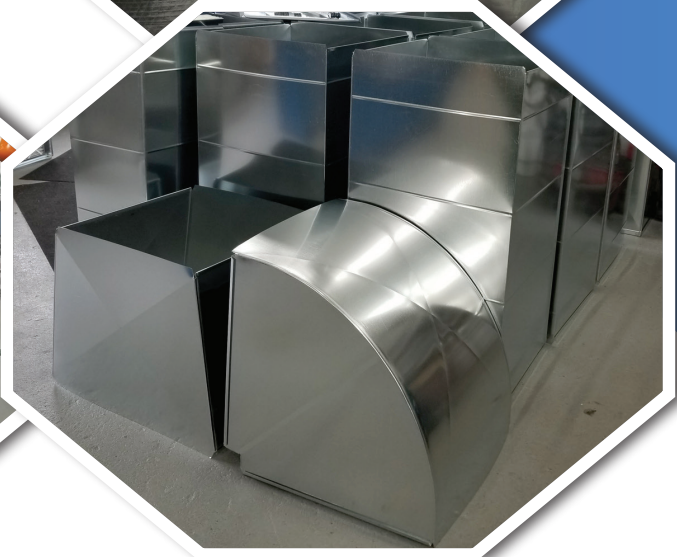
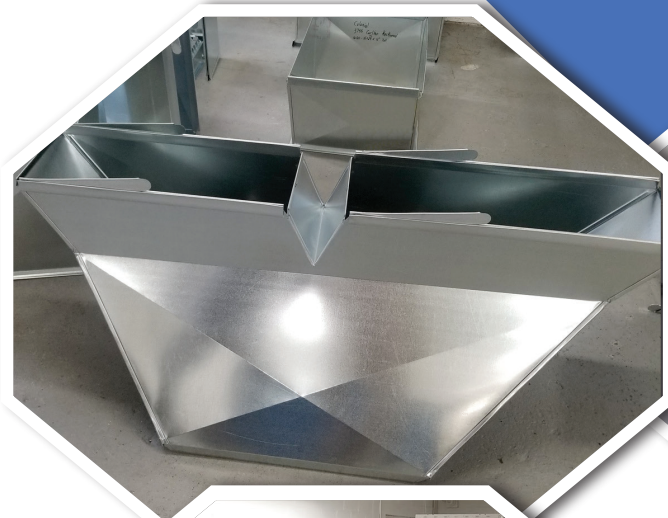




EXTREME METAL WORKS



(313) 205-9357

Table Of Contents

Introduction/Contact Us	3
Residential Example	4-5
Common Items	
Furnace Boxes/Filter Boots/Filter Sleeves	6
Square Plenums/Transitions	7
Elbows	
Beveled Heel Square Throat Elbows	8
Square Heel Square Throat Elbows	9-11
Radius Heel Square Throat Elbows	12-13
Radius Heel Radius Throat Elbows	14-15
Goldberg/Hess Fittings	16
Offsets	
Square Offset/Transitions	17-18
Square Riser/Transitions	19-20
Square Offset/Transition w/Throats	21-22
Square Riser/Transition w/Throats	23-24
Radius Offset/Transition	25-26
Radius Riser/Transition	27-28
Tee's	
Square Throat Tee's/Wyes	29
Radius Throat Tee's/Wyes	30
Pair Of Pants/Tee's w/Turning Vanes	31
Radius Heel Square Throat Reducing Tee's	32
Radius Heel Radius Throat Reducing Tee's	33
Double Offsets	
Square Double Offset Transition	34
Square Double Offset Transition w/Throats	35
Radius Double Offset Transition	36
Offset Elbows	
Square Heel Square Throat Horizontal Elbow w/Rise	37-38
Square Heel Square Throat Vertical Elbow w/Offset	39-40
Radius Heel Square Throat Horizontal Elbow w/Rise	41-42
Radius Heel Square Throat Vertical Elbow w/Offset	43-44
Radius Heel Radius Throat Horizontal Elbow w/Rise	45-46
Radius Heel Radius Throat Vertical Elbow w/Offset	47-48
Square To Rounds	
Square To Round Transition	49
Square To Round Offset (Circle Inside Of Square)	50-51
Square To Round Offset (Circle Outside Of Square)	52-53
Miscellaneous	
Chimney Caps	54
Terms & Conditions	55
Shop Location/Map	Back Page

Introduction



Here at Extreme Metal Works, we can meet all of your demands for custom ductwork, with over 300+ fitting and more. We provide FSK wrap and duct liner (if needed).

We have experience in fabrication and in the field for more than 30 years.

Our Goal is to simplify HVAC installs for all mechanical contractors while avoiding any confusion.

Because how many times have you had a fabricator make a mistake on a fitting?

(NOT SAYING WE'RE PERFECT) because we're not.

But we hope our product catalog helps you and your team.

In this catalog you may see some duplicates but its your point of view and measurements.

All S-Cleats & Drives come with your order.

We also make curb adapters, grease duct & chimney caps.

Any Questions Feel Free To Give Us A Call!!!

Contact Us

www.extrememetalworksllc.com

Phone # Allen: (313) 205-9357 Or AJ: (313) 455-4752

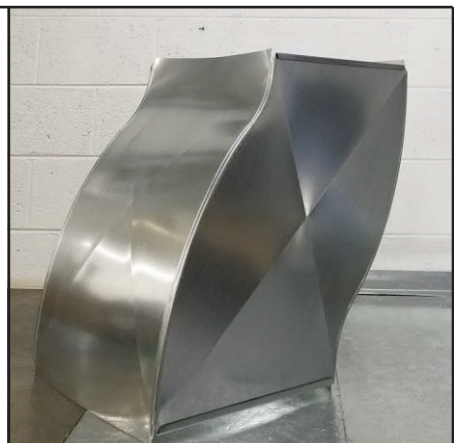
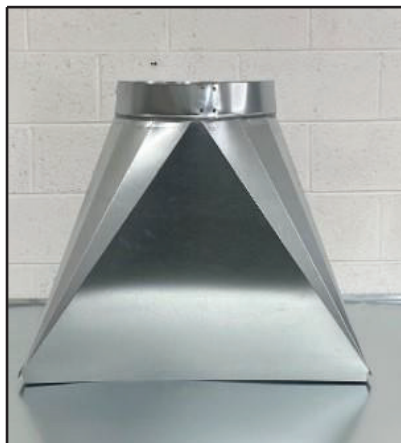
Email: extrememetalworksllc@gmail.com

Summer Hours Of Operation

Mon-Fri	7 a.m. – 3 p.m.
Sat	8 a.m. – 12 p.m.
Sun	Closed

Winter Hours Of Operation

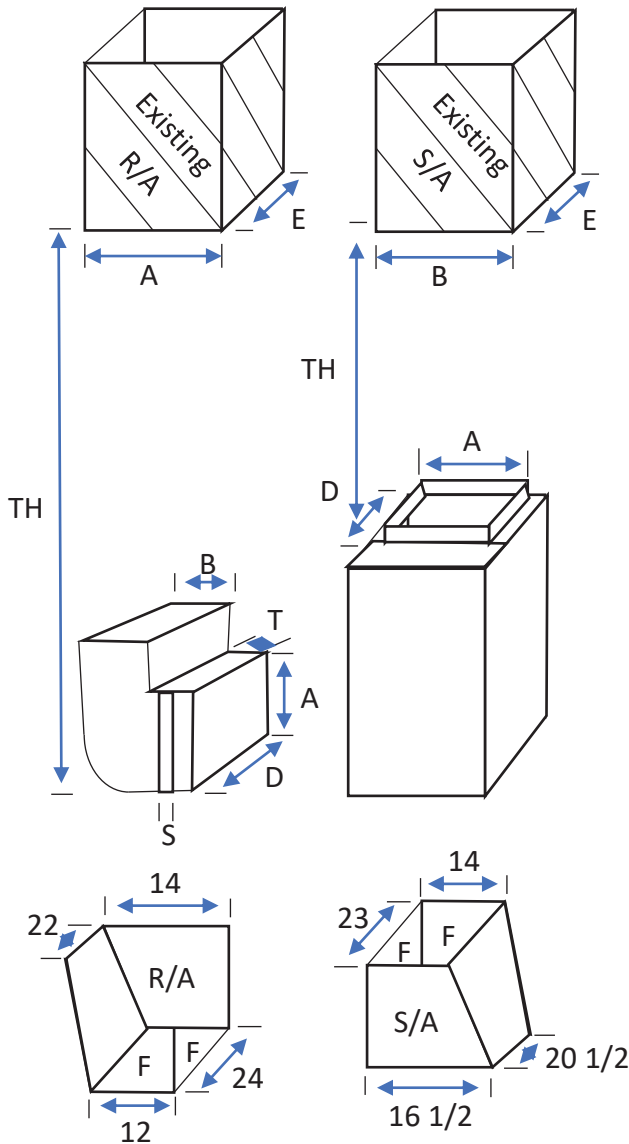
Mon-Fri	7 a.m. – 4 p.m.
Sat	8 a.m. – 12 p.m.
Sun	Closed



Residential Example

Residential Measurement Example

You Should Always Include An Inch For Connection (If You Measure To The Raw Edge)



So, Lets Start With The R/A

Existing R/A Duct End 2

$A=14$

$E=22$

Need For R/A

A Return Boot On Left Side That Fits A Common Size Filter And Transition BRF w/Canvas

Size Of R/A Boot Left Side

$A=20$

$D=24$

$B=12$

$S=1''$

$T=6$

Size Of Transition Two Side Flat (Back Right)

$A=14$

$E=22$

$B=12$

$D=24$

Total Height For R/A w/Canvas 74''

Existing S/A Duct (End 2)

$B=14$

$E=23$

Furnace/Coil Opening (End 1)

$A=16.5$

$D=20.5$

Need For S/A

2 Side Flat Transition Hem Flange End 1 To Furnace w/Canvas Raw Top

Size Of Transition Two Side Flat (Back Left)

$A=16.5$

$D=20.5$

$B=14$

$E=23$

Total Height For S/A w/Canvas 16''

Residential Example

Things That We Need To Know???

Fitting Product # _____

Sizes Labeled By Letters

A=	B=	D=	E=
T=	K=	O=	R=
L=	H=	S=	

For All Elbows Need To Know The Angle 90 degree,45 etc.

A x D Is Always End 1

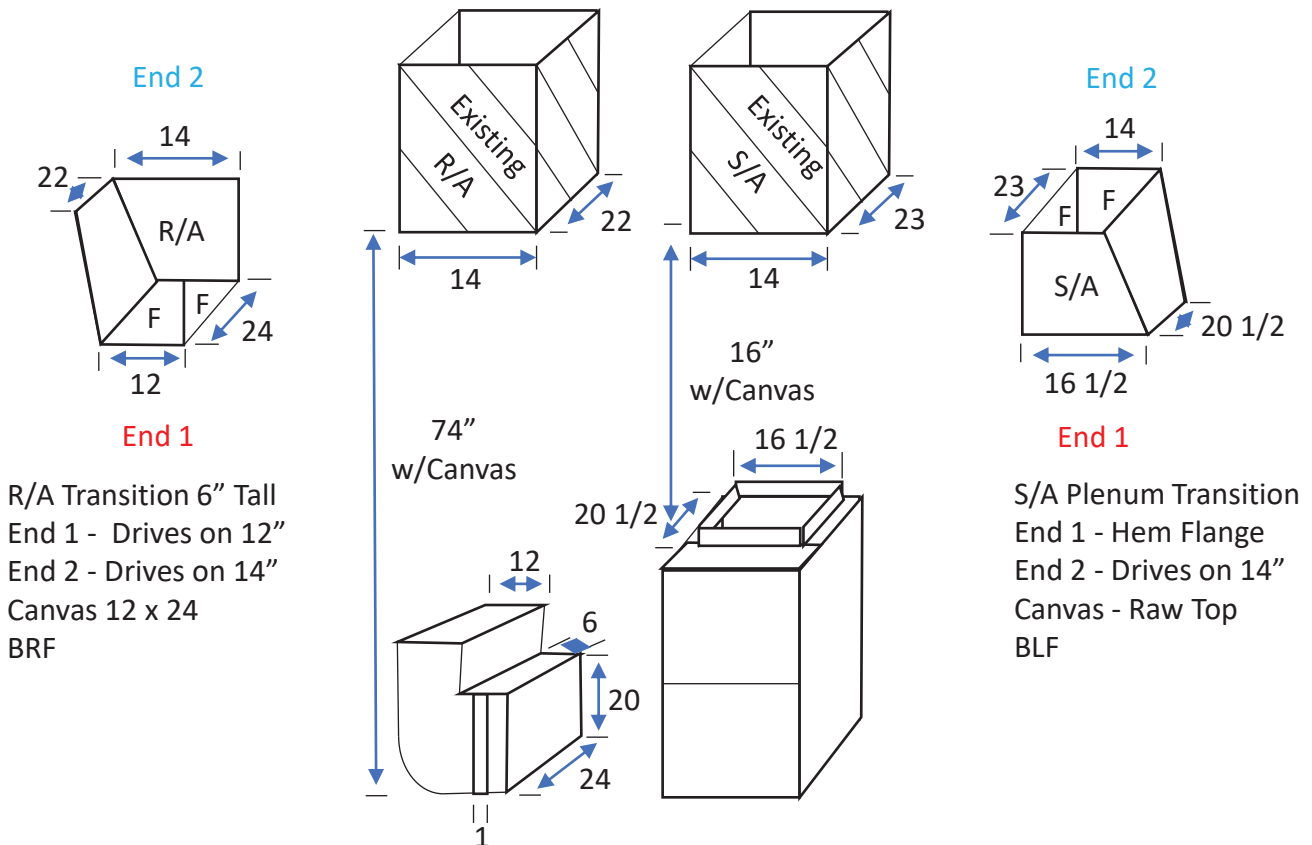
If The Fitting Remains Square(No Change In Size)/B x E Is Always End 2

The Ends Of Your Finish Product

End 1 _____	S&D	1/2" Hem	1" Flange In/Out
End 2 _____	Raw	3/4" Flange	Your Choice

If S&D What Sides Get Drives?

Point Of View Is Looking At Front Of Furnace

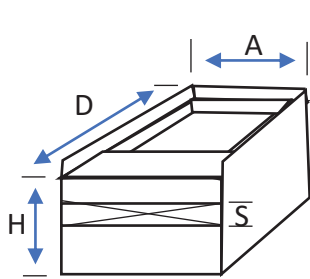


R/A Transition 6" Tall
 End 1 - Drives on 12"
 End 2 - Drives on 14"
 Canvas 12 x 24
 BRF

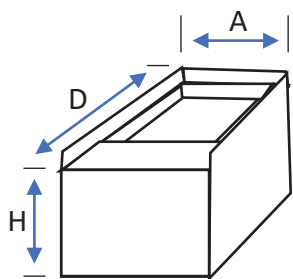
S/A Plenum Transition
 End 1 - Hem Flange
 End 2 - Drives on 14"
 Canvas - Raw Top
 BLF

Furnace Boxes/Filter Boots

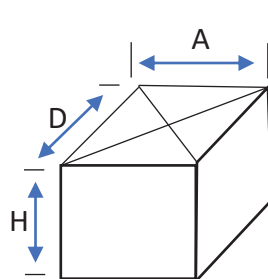
All Furnace Boxes and Filter Boots Come With A Code Compliant Filter Access Doors.
 These Products Also Come With A Common Size Pleated Filter
 Our Common Size Filters Are 14x20, 14x24, 16x20, 16x24, 16x25, 18x20, 20x20, 20x24, 20x25
 All By 1" Thick Filters
 All Kryptonite Boxes Must Be A Min. Of 12" Tall Depending On Thickness Of Filter
 Note: F.O Means Furnace Opening



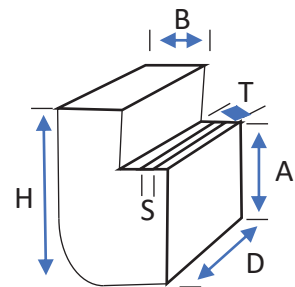
Furnace Box
w/Filter Rack Closed
Bottom/Flange Out/In
Product # FBCBWR



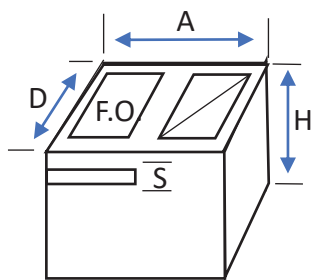
Furnace Box
Closed Bottom/Flange
Out/In
Product # FBCB



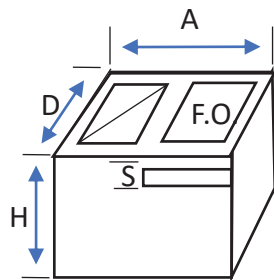
Closed
Furnace Box
Product # CFB



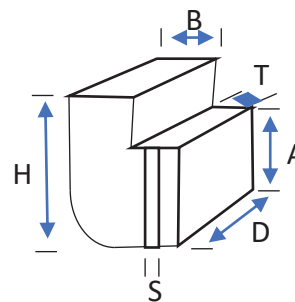
Top Slot
Filter Boot
Product # TSFB



Kryptonite Box w/ Filter
Rack and Opening For
R/A Drop On The Right
Product # KBWRROR



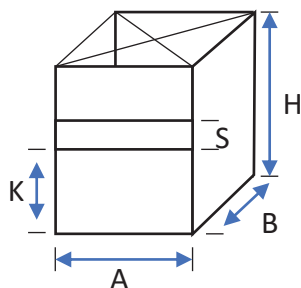
Kryptonite Box w/ Filter
Rack and Opening For
R/A Drop On The Left
Product # KBWRRORL



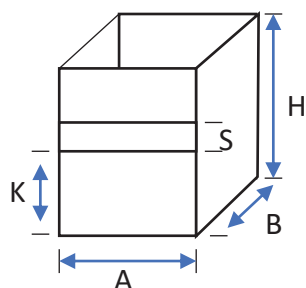
Left Hand
Filter Boot
Product # LHFB



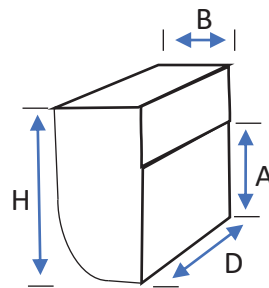
Right Hand
Filter Boot
Product # RHFB



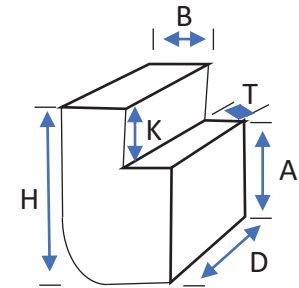
Filter Box w/Rack
and Closed Top
Product # FBWRCT



Filter Box
w/Rack
Product # FBWR



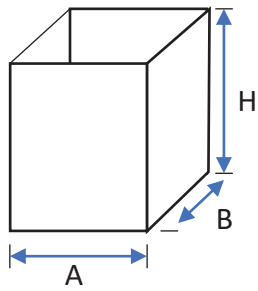
Media 90 Boot
w/No Throat
Product # MBNTAB



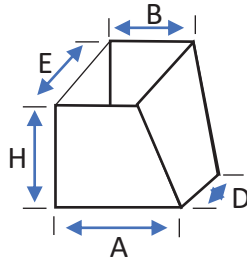
Media 90 Boot
w/Throat
Product # MBWTAB

Plenum/Transitions

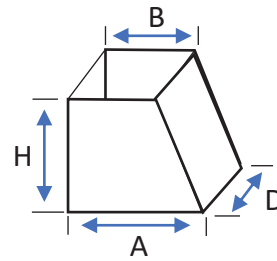
These Are The Most Common Fitting
 The Images Are Drawn Vertical Like A Common Install
 Now If Your Equipment Is Laying Horizontal Then Turn The Book 90 Degrees
 Therefore, You Can Have A Better View
 In Some Cases You May Need A Transition Made As A Furnace Box
 Min. Height 3"



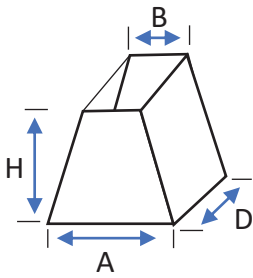
Square Plenum/Rtu Drop
 A x D Both Ends
 Product # SP



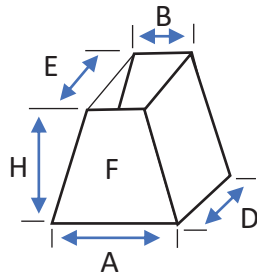
2 Side Flat Transition
 Back Left/Back Right
 Front Left/Front Right
 A x D – B x E
 Product # 2SFT



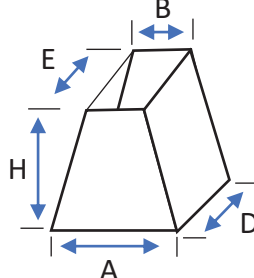
3 Side Flat
 Transition
 A x D – B x D
 Product # 3SFT



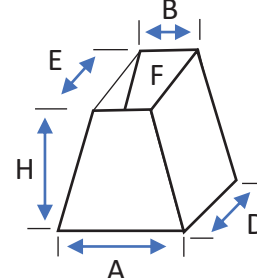
Center Line
 Transition
 A x D – B x D
 Product # CLTD



Center Line
 Transition Front Flat
 A x D – B x E
 Product # CLTFF



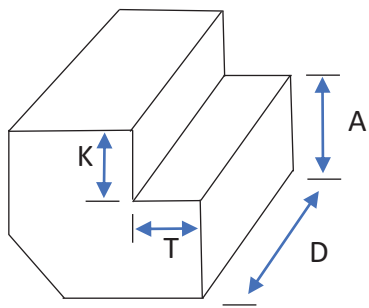
Center Line
 All Around Transition
 A x D – B x E
 Product # CLTAB



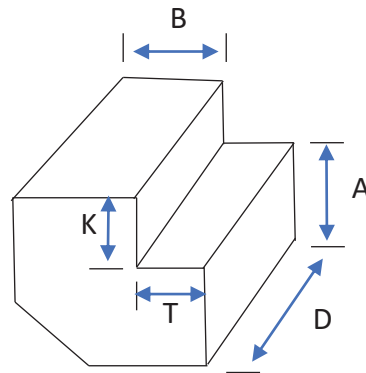
Center Line
 Transition Back Flat
 A x D – B x E
 Product # CLTBF

Beveled Heel Square Throats Elbows

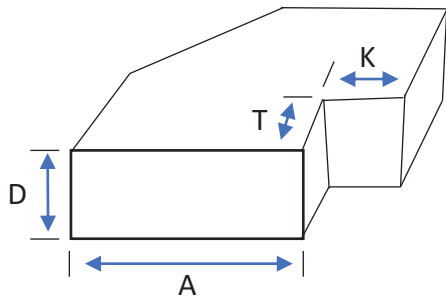
These Are Common For Black Steel Fitting For Commercial Hoods
 We Can Make This A Filter Boot If You Like This Style Of The Fitting



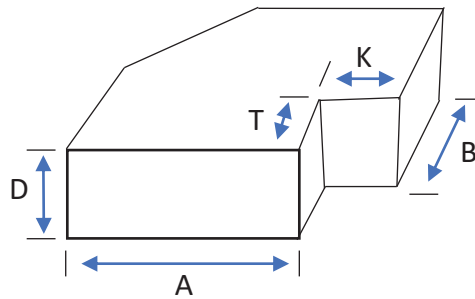
Beveled Heel Square Throat
 Vertical Elbow
 A x D Both Ends
 Product # BHSTVE



Beveled Heel Square Throat
 Vertical Elbow
 A x D - B x D
 Product # BHDTVED



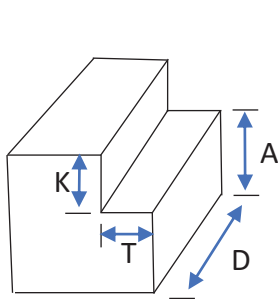
Beveled Heel Square Throat
 Horizontal Elbow
 A x D - B x D
 Product # BHSTHE



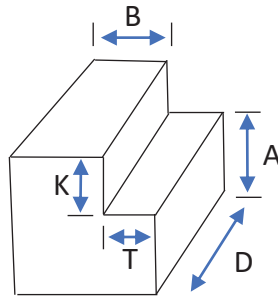
Beveled Heel Square Throat
 Horizontal Elbow
 A x D - B x D
 Product # BHSTHED

Square Heel Square Throat Elbows

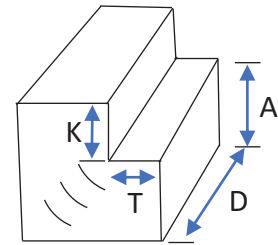
Square Heel Elbows Are Usually For R/A
 The One's w/Turning Vanes Are For S/A On Big Commercial Jobs
 But The Cost Will Be More Compared To A Radius Heel
 You May Need A Square Heel Elbow For A Furnace To Sit On



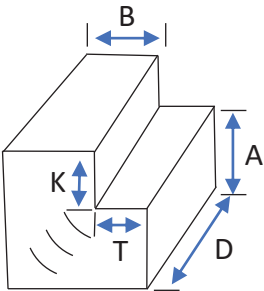
Square Heel Square Throat
 Vertical Elbow
 A x D Both Ends
 Product # SHSTVE



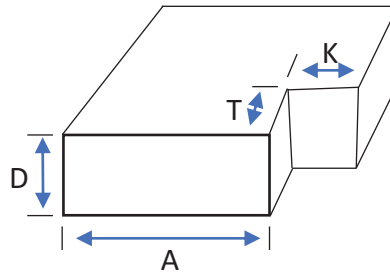
Square Heel Square Throat
 Vertical Elbow
 A x D – B x D
 Product # SHSTVED



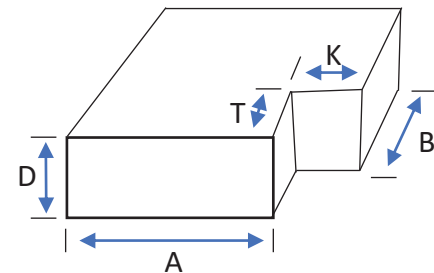
Square Heel Square Throat
 Vertical Elbow
 w/ Turning Vanes
 A x D Both Ends
 Product # SHSTVETV



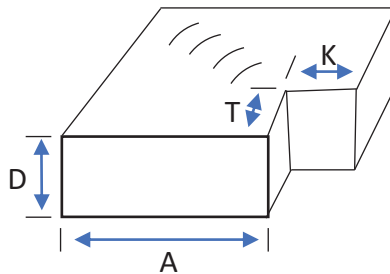
Square Heel Square Throat
 Vertical Elbow
 w/ Turning Vanes
 A x D – B x D
 Product # SHSTVETVD



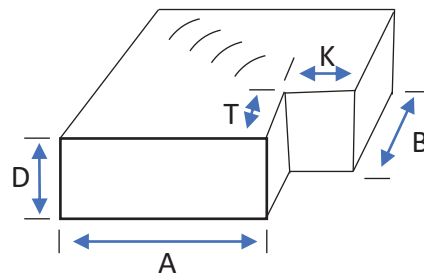
Square Heel Square Throat
 Horizontal Elbow
 A x D Both Ends
 Product # SHSTHE



Square Heel Square Throat
 Horizontal Elbow
 A x D – B x D
 Product # SHSTHED



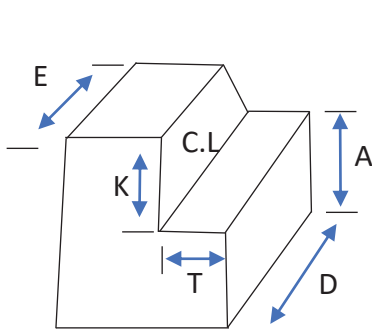
Square Heel Square Throat
 Horizontal Elbow
 w/ Turning Vanes
 A x D Both Ends
 Product # SHSTHETV



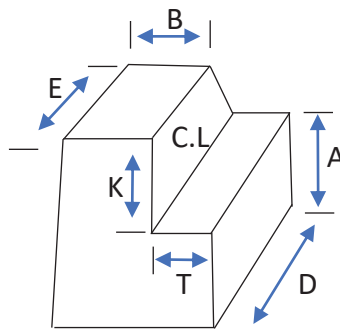
Square Heel Square Throat
 Horizontal Elbow
 w/ Turning Vanes
 A x D – B x D
 Product # SHSTHETVD

Square Heel Square Throat Vertical Elbows

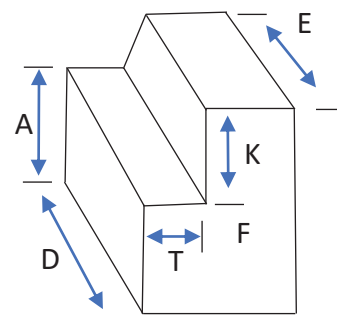
These Are Specialty Square Heel Vertical Elbows
Center Line, Right Cheek Flat, Left Cheek Flat



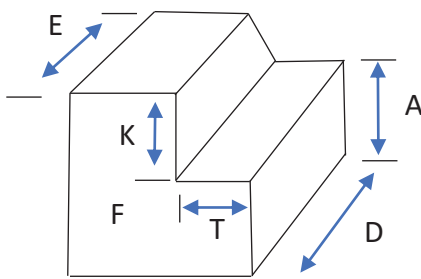
Square Heel Square Throat
Vertical Center Line Elbow
 $A \times D - A \times E$
Product # SHSTVCLEA



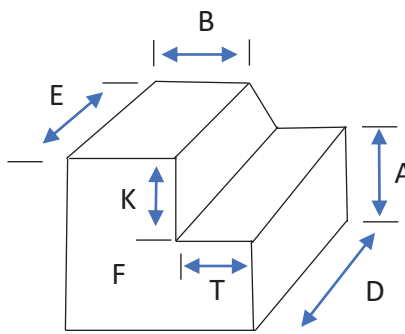
Square Heel Square Throat
Vertical Center Line Elbow
 $A \times D - B \times E$
Product # SHSTVCLEAB



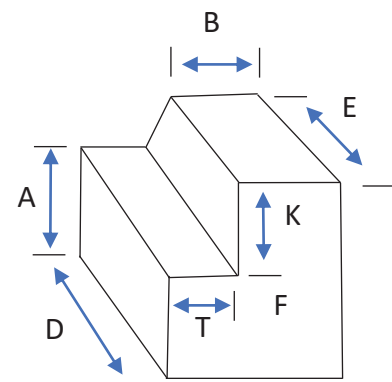
Square Heel Square Throat
Vertical Elbow
Right Side Flat
 $A \times D - A \times E$
Product # SHSTVERSFA



Square Heel Square Throat
Vertical Elbow
Left Side Flat
 $A \times D - A \times E$
Product # SHSTVELSFA



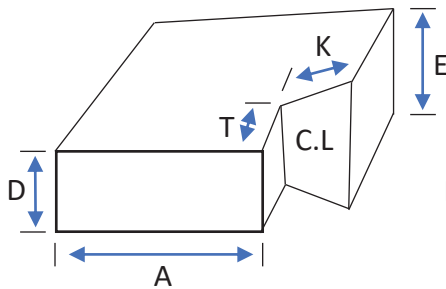
Square Heel Square Throat
Vertical Elbow
Left Side Flat
 $A \times D - B \times E$
Product # SHSTVELSFAB



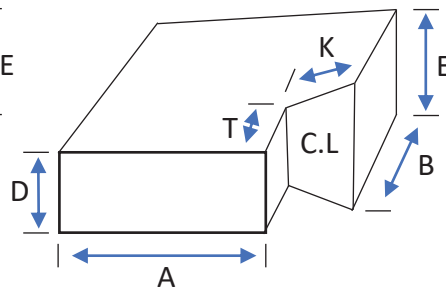
Square Heel Square Throat
Vertical Elbow
Right Side Flat
 $A \times D - B \times E$
Product # SHSTVERSFA B

Square Heel Square Throat Horizontal Elbows

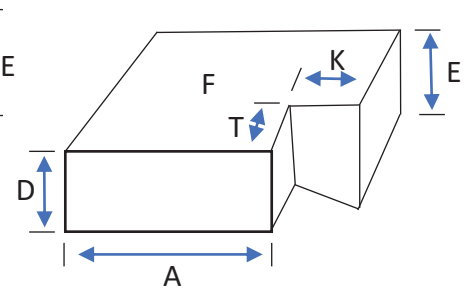
These Are Specialty Square Heel Horizontal Elbows
Center Line, Right Cheek Flat, Left Cheek Flat



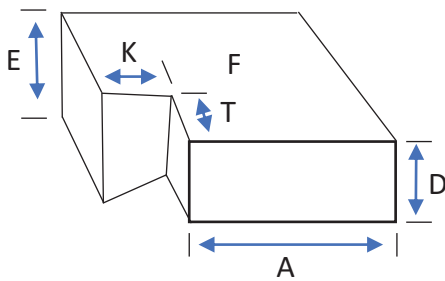
Square Heel Square Throat
Horizontal
Center Line Elbow
 $A \times D - A \times E$
Product # SHSTHCLEA



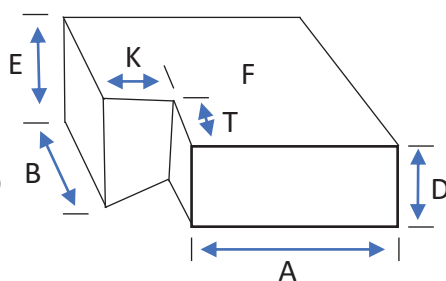
Square Heel Square Throat
Horizontal
Center Line Elbow
 $A \times D - B \times E$
Product # SHSTHCLEAB



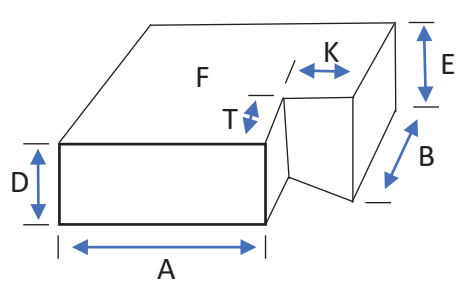
Square Heel Square Throat
Horizontal Elbow
Left Side Flat
 $A \times D - A \times E$
Product # SHSTHELSEFA



Square Heel Square Throat
Horizontal Elbow
Right Side Flat
 $A \times D - A \times E$
Product # SHSTHERSFA



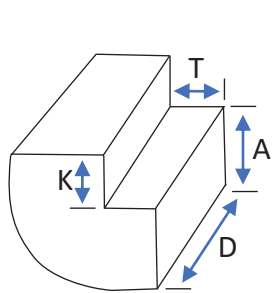
Square Heel Square Throat
Horizontal Elbow
Right Side Flat
 $A \times D - B \times E$
Product # SHSTHERSFAB



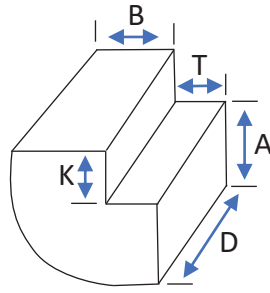
Square Heel Square Throat
Horizontal Elbow
Left Side Flat
 $A \times D - B \times E$
Product # SHSTHELSEFAB

Radius Heel Square Throat Vertical Elbows

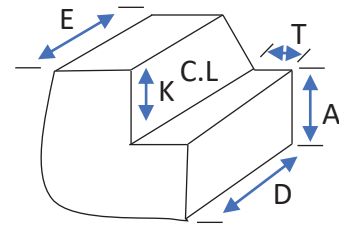
These Are Specialty Radius Heel Square Throat Vertical Elbows
Common Verticals, Center Line, Right Cheek Flat, Left Cheek Flat



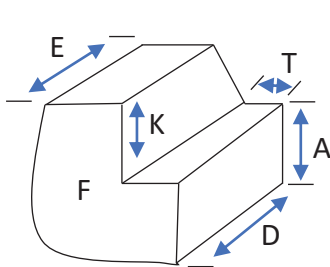
Radius Heel Square Throat Vertical Elbow
A x D Both Ends
Product # RHSTVE



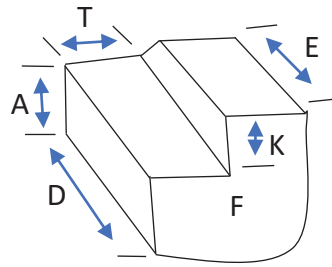
Radius Heel Square Throat Vertical Elbow
A x D - B x D
Product # RHSTVED



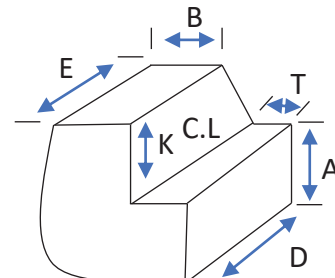
Radius Heel Square Throat Vertical Center Line Elbow
A x D - A x E
Product # RHSTVCLEA



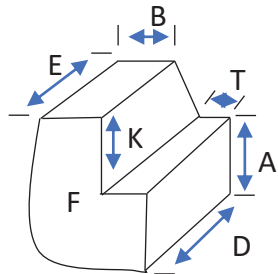
Radius Heel Square Throat Vertical Elbow
Left Side Flat
A x D - A x E
Product # RHSTVELSFA



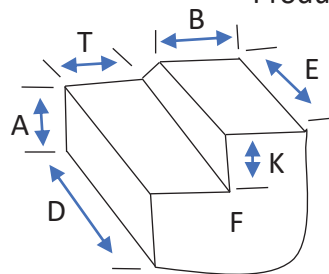
Radius Heel Square Throat Vertical Elbow
Right Side Flat
A x D - A x E
Product # RHSTVERSFA



Radius Heel Square Throat Vertical Center Line Elbow
A x D - B x E
Product # RHSTVCLEAB



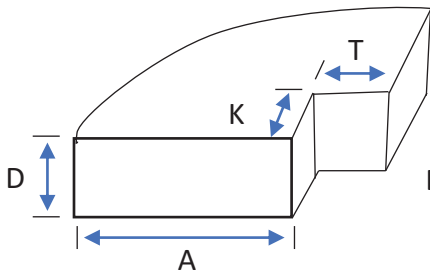
Radius Heel Square Throat Vertical Elbow
Left Side Flat
A x D - B x E
Product #
RHSTVELSFAB



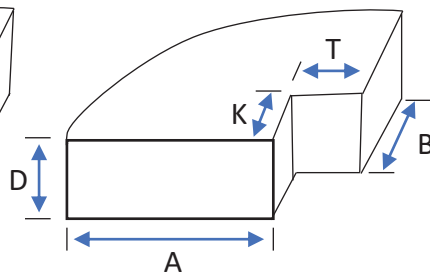
Radius Heel Square Throat Vertical Elbow
Right Side Flat
A x D - B x E
Product #
RHSTVERSFAB

Radius Heel Square Throat Horizontal Elbows

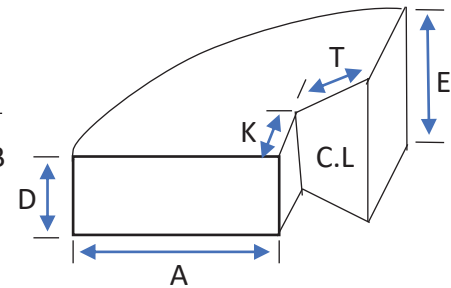
These Are Specialty Radius Heel Square Throat Horizontal Elbows
Common Verticals, Center Line, Right Cheek Flat, Left Cheek Flat



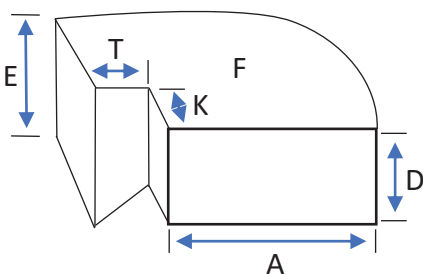
Radius Heel Square Throat
Horizontal Elbow
A x D Both Ends
Product # RHSTHE



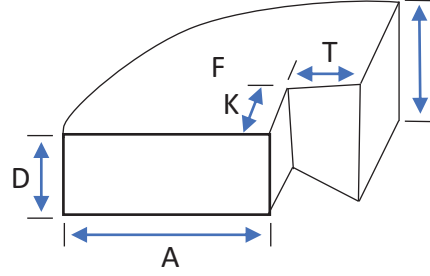
Radius Heel Square Throat
Horizontal Elbow
A x D Both Ends
Product # RHSTHED



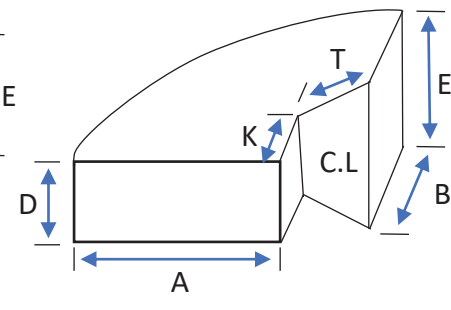
Radius Heel Square Throat
Horizontal Center Line Elbow
A x D - A x E
Product # RHSTHCLEA



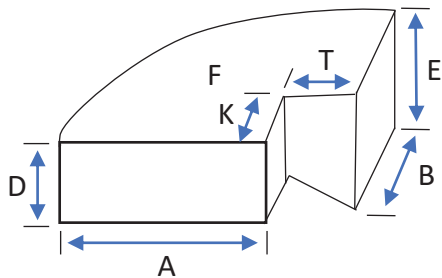
Radius Heel Square Throat
Horizontal Elbow
Right Side Flat
A x D - A x E
Product # RHSTRSFHERSFA



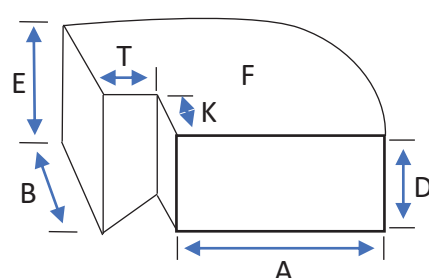
Radius Heel Square Throat
Horizontal Elbow
Left Side Flat
A x D - A x E
Product # RHSTHLSFA



Radius Heel Square Throat
Horizontal Center Line Elbow
A x D - B x E
Product # RHSTHCLEAB



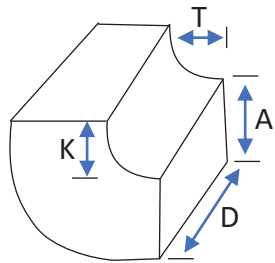
Radius Heel Square Throat
Horizontal Elbow
Left Side Flat
A x D - B x E
Product # RHSTHLSFAB



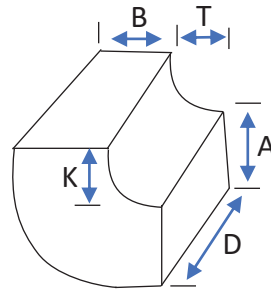
Radius Heel Square Throat
Horizontal Elbow
Right Side Flat
A x D - B x E
Product # RHSTHERSFAB

Radius Heel Radius Throat Vertical Elbows

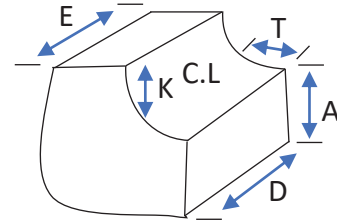
These Are Specialty Radius Heel Radius Throat Vertical Elbows
Common Verticals, Center Line, Right Cheek Flat, Left Cheek Flat



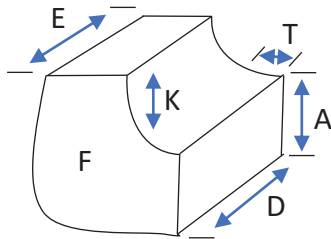
Radius Heel Radius Throat
Vertical Elbow
A x D Both Ends
Product # RHRTVE



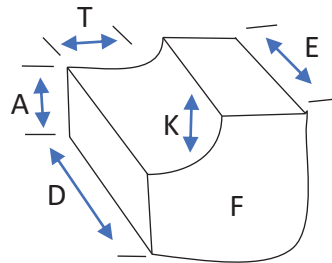
Radius Heel Radius Throat
Vertical Elbow
A x D - B x D
Product # RHRTVED



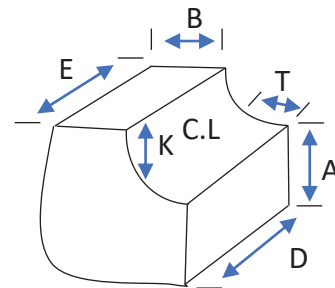
Radius Heel Radius
Throat Vertical
Center Line Elbow
A x D - A x E
Product # RHRTVCLEA



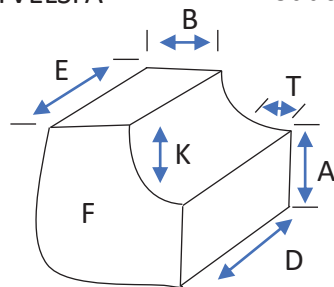
Radius Heel Radius
Throat Vertical Elbow
Left Side Flat
A x D - A x E
Product # RHRTVELSFA



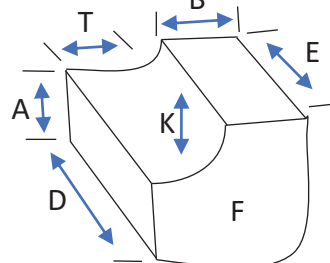
Radius Heel Radius
Throat Vertical Elbow
Right Side Flat
A x D - A x E
Product # RHRTVERSFA



Radius Heel Radius
Throat Vertical
Center Line Elbow
A x D - B x E
Product # RHRTVCLEAB



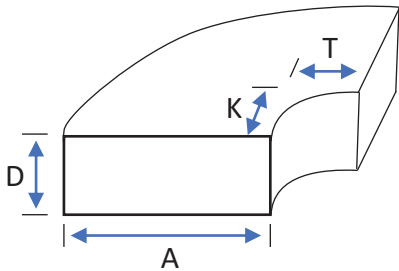
Radius Vertical Elbow
Left Side Flat
A x D - B x E
Product # RHRTVELSFAB



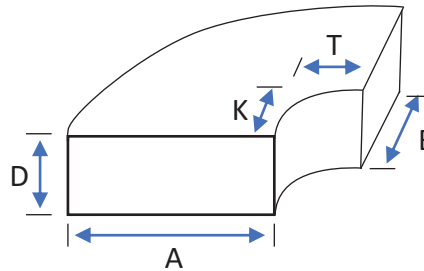
Radius Vertical Elbow
Right Side Flat
A x D - B x E
Product # RHRTVERSFAB

Radius Heel Radius Throat Horizontal Elbows

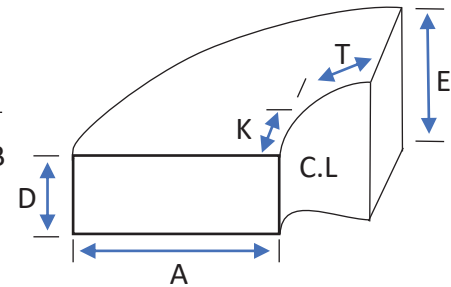
These Are Specialty Radius Heel Square Throat Horizontal Elbows
Common Verticals, Center Line, Right Cheek Flat, Left Cheek Flat



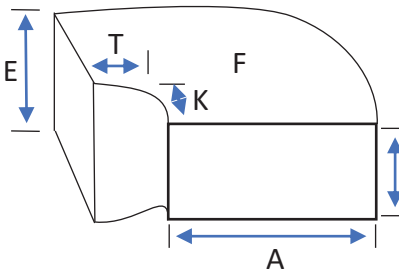
Radius Heel Radius Throat
Horizontal Elbow
A x D Both Ends
Product # RHRTHE



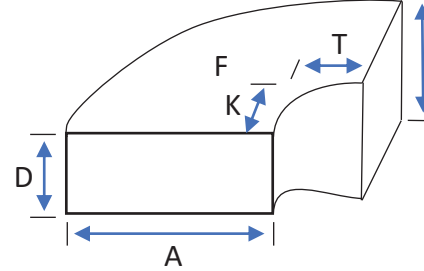
Radius Heel Radius Throat
Horizontal Elbow
A x D - B x D
Product # RHRTHED



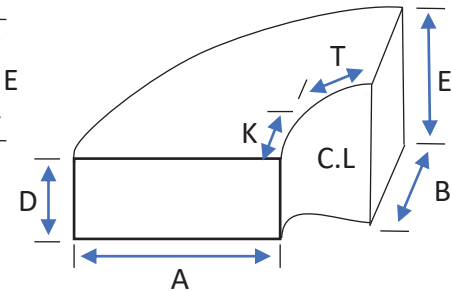
Radius Heel Radius Throat
Horizontal
Center Line Elbow
A x D - A x E
Product # RBRTHCLEA



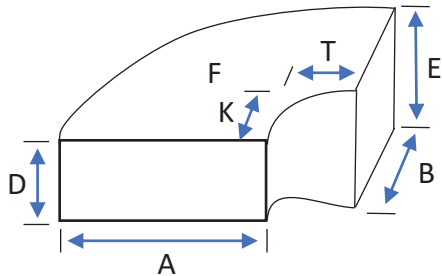
Radius Heel Radius Throat
Horizontal Elbow
Right Side Flat
A x D - A x E
Product # RHRTHERSFA



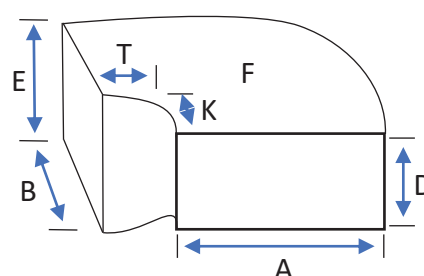
Radius Heel Radius Throat
Horizontal Elbow
Left Side Flat
A x D - A x E
Product # RHRTHELSFA



Radius Heel Radius Throat
Horizontal Center Line Elbow
A x D - B x E
Product # RHRTHCLEAB



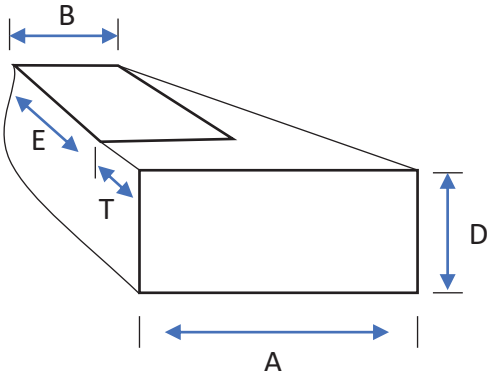
Radius Heel Radius Throat
Horizontal Elbow
Left Side Flat
A x D - B x E
Product # RHRTHELSFAB



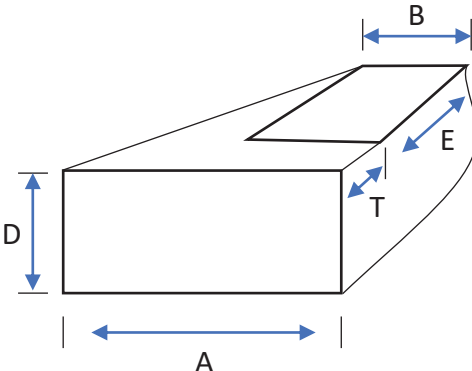
Radius Heel Radius Throat
Horizontal Elbow
Right Side Flat
A x D - B x E
Product # RHRTHERSFAB

Goldberg/Hess Fittings

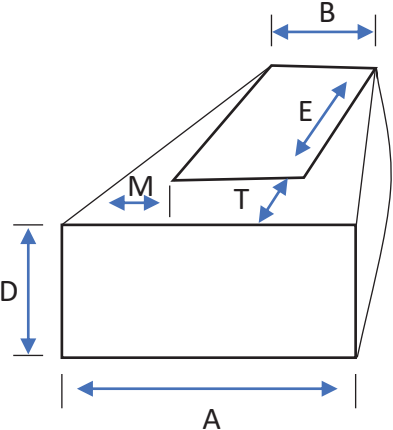
Hess Fittings Have A Radius Heel & Zero Throat On B x E
 A Has To Be Greater Than B



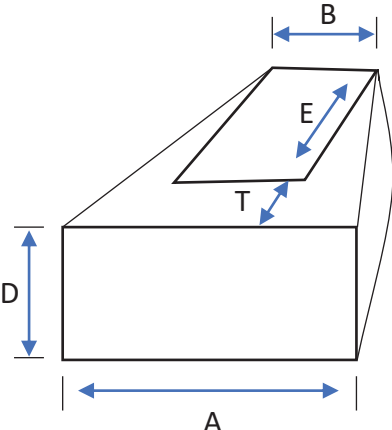
Left Side Flat Hess 90
 Product # LSFHESS



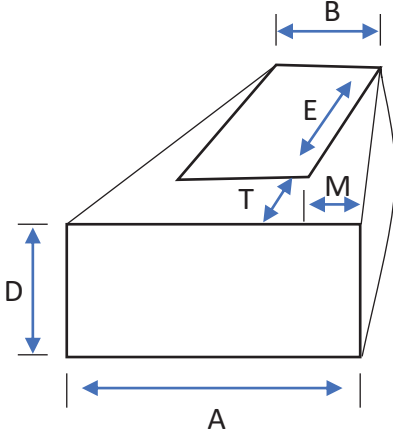
Right Side Flat Hess 90
 Product # RSFHESS



Hess 90
 Measured From Left Side
 Product # HESSOL



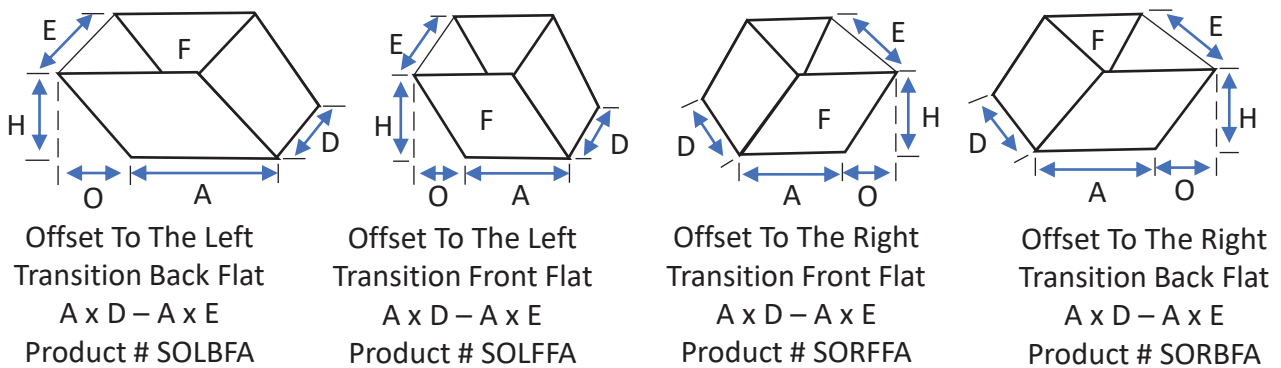
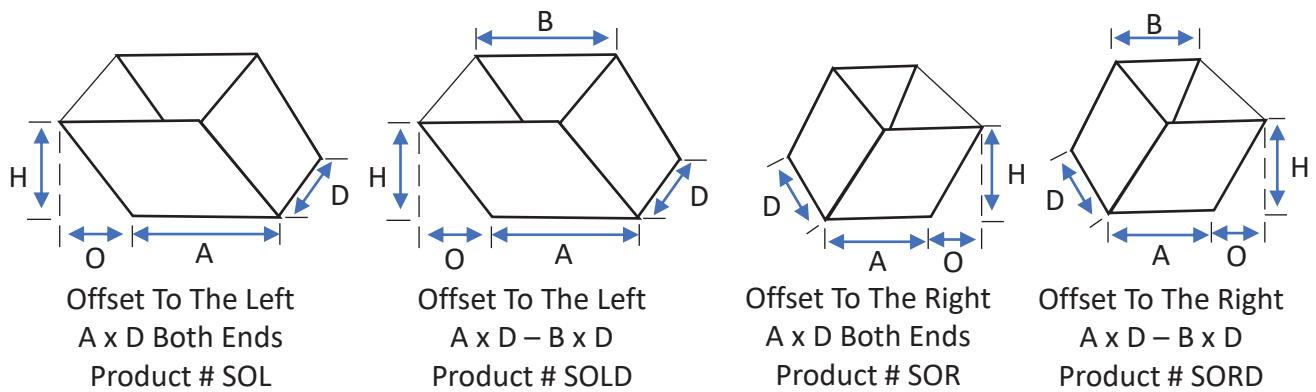
Center Line Hess 90
 Product # CLHESS



Hess 90
 Measured From Right Side
 Product # HESSOR

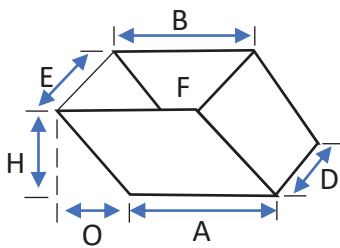
Square Offsets/Transitions

These Offset Transitions Don't Matter On Height
 These Fittings Can Be A Min. Of 4" & May Restrict Air Flow

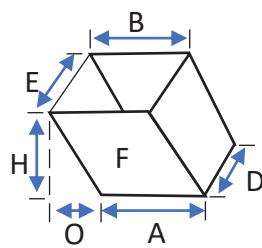


Square Offsets/Transitions

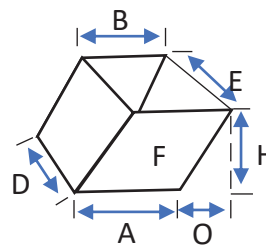
These Offset Transitions Don't Matter On Height
 These Fittings Can Be A Min. Of 4" & May Restrict Air Flow



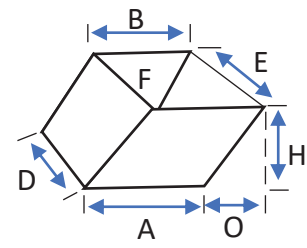
Offset To The Left
 Transition Back Flat
 $A \times D - B \times E$
 Product # SOLBFAB



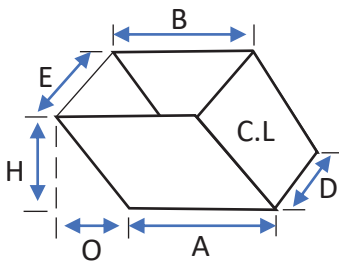
Offset To The Left
 Transition Front Flat
 $A \times D - B \times E$
 Product # SOLFFAB



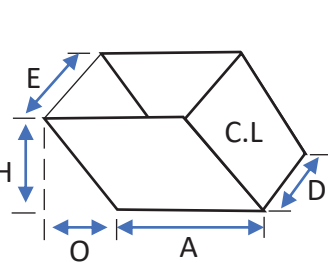
Offset To The Right
 Transition Front Flat
 $A \times D - B \times E$
 Product # SORFFAB



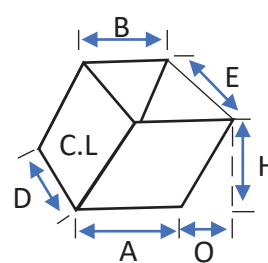
Offset To The Right
 Transition Back Flat
 $A \times D - B \times E$
 Product # SORBFAB



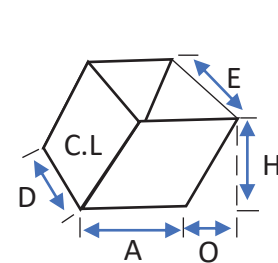
Offset To The Left
 Center Line
 $A \times D - B \times E$
 Product # SOLCLAB



Offset To The Left
 Center Line
 $A \times D - A \times E$
 Product # SOLCLA



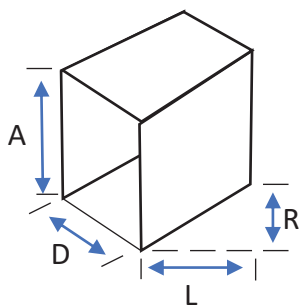
Offset To The Right
 Center Line
 $A \times D - B \times E$
 Product # SORCLAB



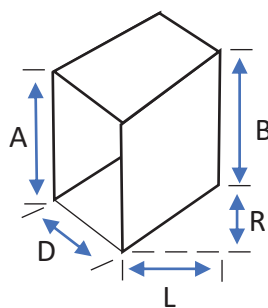
Offset To The Right
 Center Line
 $A \times D - B \times E$
 Product # SORCLA

Square Risers/Transitions

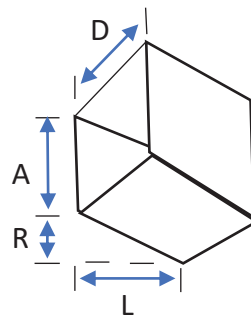
These Offset Transitions Don't Matter On Length
 These Fittings Can Be A Min. Of 4" & May Restrict Air Flow



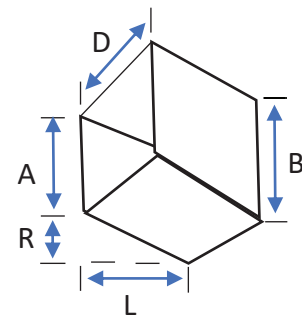
Rise Up
 A x D Both Ends
 Product # SRU



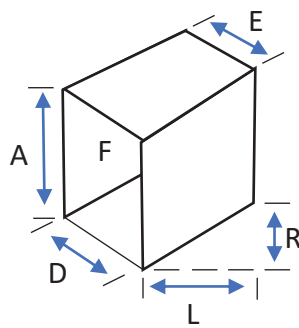
Rise Up
 A x D - B x D
 Product # SRUD



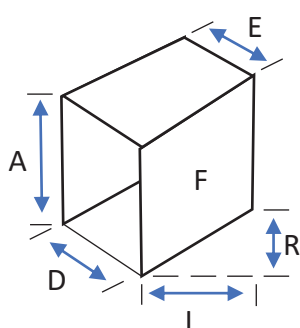
Rise Down
 A x D Both Ends
 Product # SRD



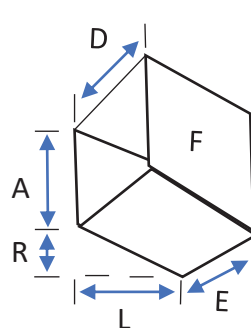
Rise Down
 A x D - B x D
 Product # SRDD



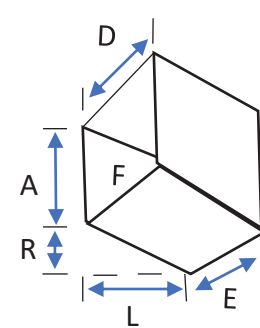
Rise Up
 Back Flat
 A x D - A x E
 Product # SRUBFA



Rise Up
 Front Flat
 A x D - A x E
 Product # SRUFFA



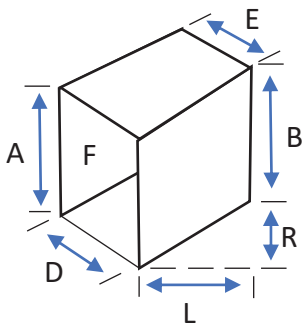
Rise Down
 Front Flat
 A x D - A x E
 Product # SRDFFA



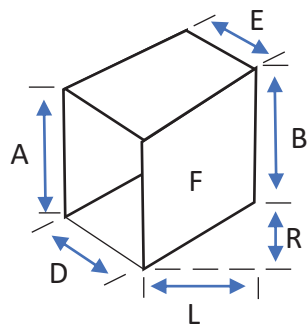
Rise Down
 Back Flat
 A x D - A x E
 Product # SRDBFA

Square Risers/Transitions

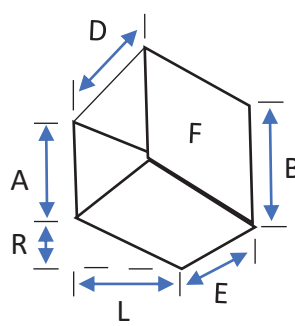
These Offset Transitions Don't Matter On Length
 These Fittings Can Be A Min. Of 4" & May Restrict Air Flow



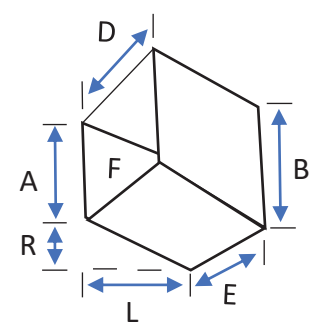
Rise Up
 Back Flat
 $A \times D - B \times E$
 Product # SRUBFAB



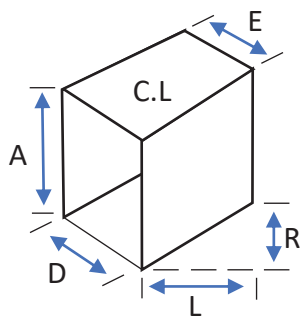
Rise Up
 Front Flat
 $A \times D - B \times E$
 Product # SRUFFAB



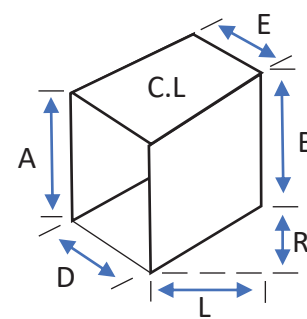
Rise Down
 Front Flat
 $A \times D - B \times E$
 Product # SRDFFAB



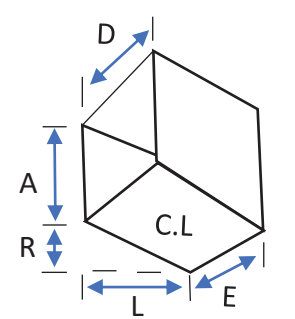
Rise Down
 Back Flat
 $A \times D - B \times E$
 Product # SRDBFAB



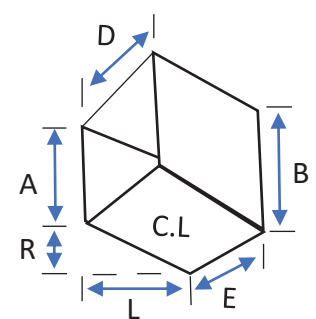
Rise Up
 Center Line
 $A \times D - A \times E$
 Product # SRUCLA



Rise Up
 Center Line
 $A \times D - B \times E$
 Product # SRUCLAB



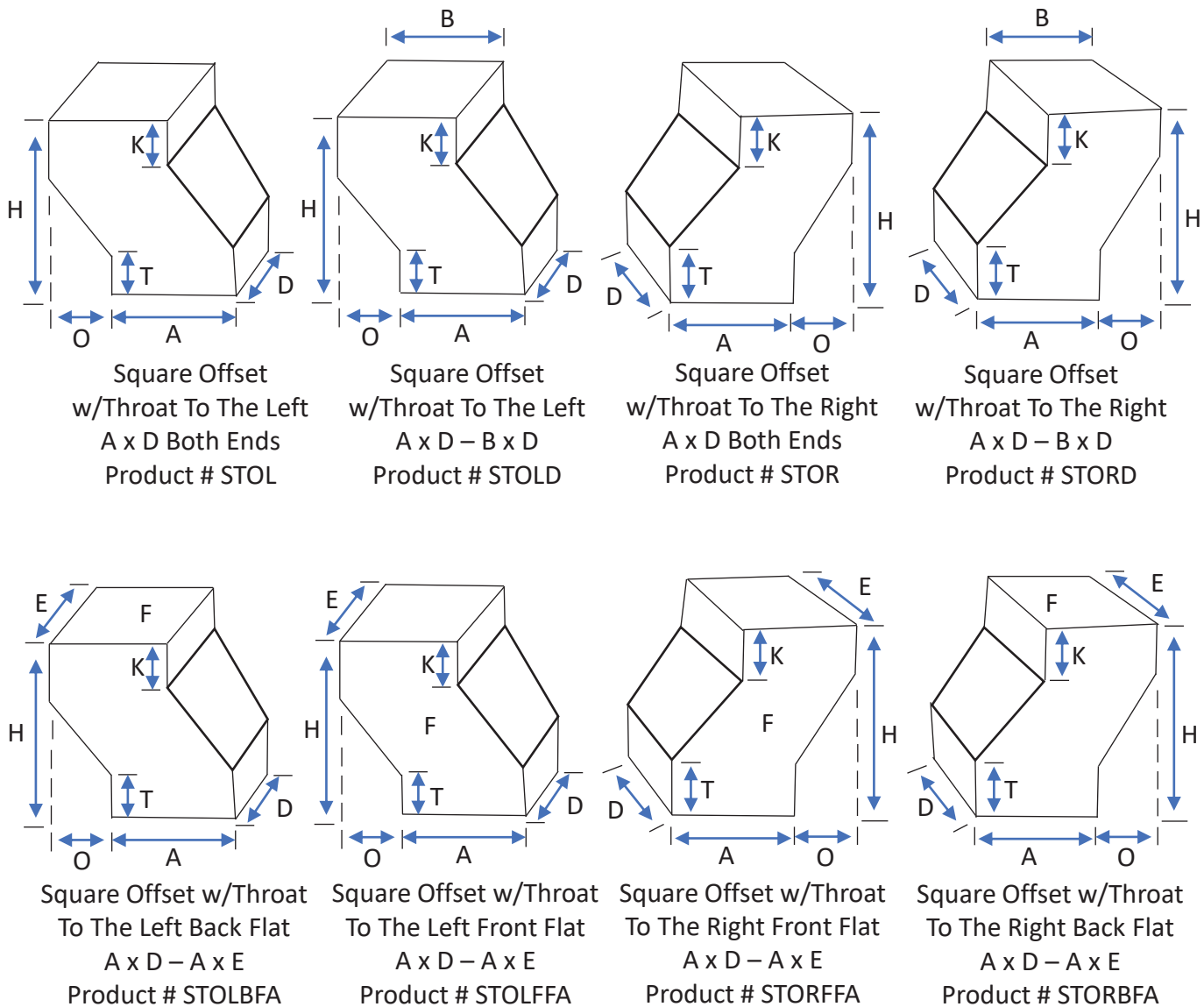
Rise Down
 Center Line
 $A \times D - A \times E$
 Product # SRDCLA



Rise Down
 Center Line
 $A \times D - B \times E$
 Product # SRDCLAB

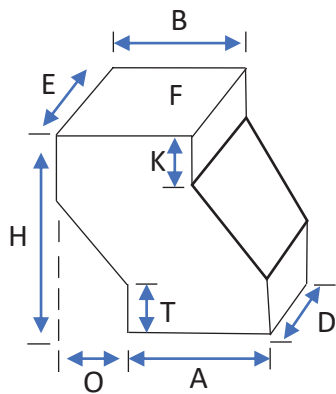
Square Offsets/Transitions w/ Throats

For Minimum Height It Will Be $A + \text{Throats} + 2$.
 So For An Example $A = 20''$ w/6 x 0 Throat The Fitting Would Be a Minimum Of 28".
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.

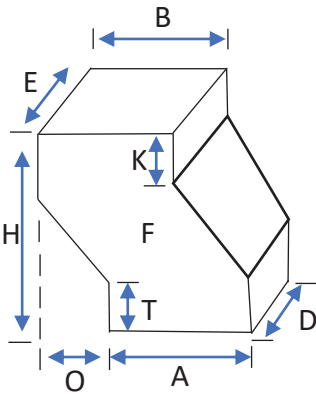


Square Offsets/Transitions w/ Throats

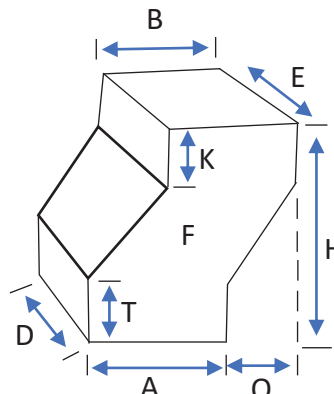
For Minimum Height It Will Be $A + \text{Throats} + 2$.
 So For An Example $A = 20''$ w/6 x 0 Throat The Fitting Would Be a Minimum Of 28".
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.



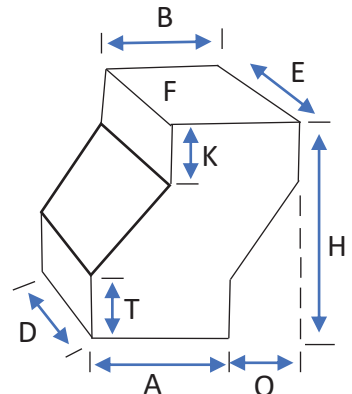
Square Offset w/Throat
 To The Left Back Flat
 $A \times D - B \times E$
 Product # STOLBFAB



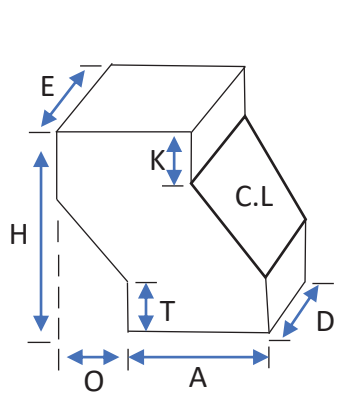
Square Offset w/Throat
 To The Left Front Flat
 $A \times D - B \times E$
 Product # STOLFFAB



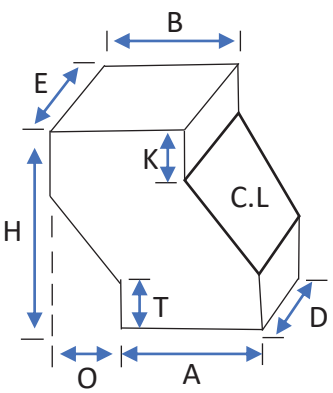
Square Offset w/Throat
 To The Right Front Flat
 $A \times D - B \times E$
 Product # STORFFAB



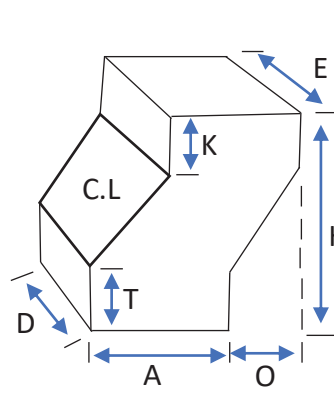
Square Offset w/Throat
 To The Right Back Flat
 $A \times D - B \times E$
 Product # STORBFAB



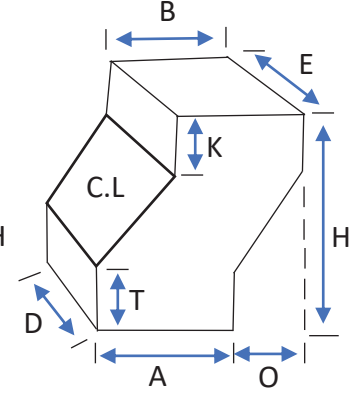
Square Offset w/Throat
 To The Left Center Line
 $A \times D - A \times E$
 Product # STOLCLA



Square Offset w/Throat
 To The Left Center Line
 $A \times D - B \times E$
 Product # STOLCLAB



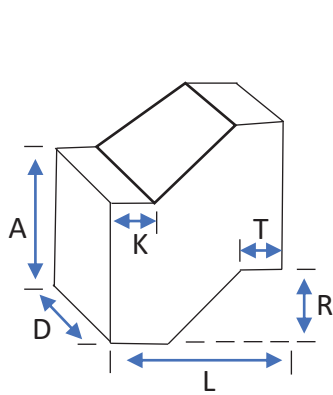
Square Offset w/Throat
 To The Right Center Line
 $A \times D - B \times E$
 Product # STORCLA



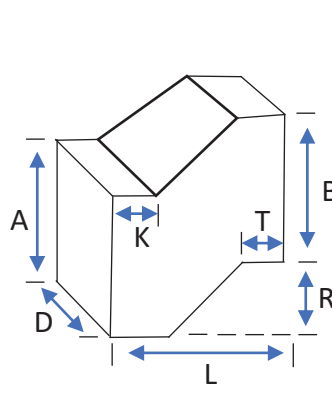
Square Offset w/Throat
 To The Right Center Line
 $A \times D - B \times E$
 Product # STORCLAB

Square Riser/Transitions w/ Throats

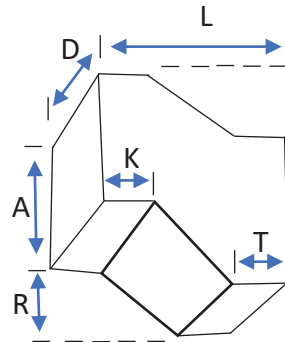
For Minimum Length It Will Be $A + \text{Throats} + 2$.
 So For An Example $A = 12$ w/3 x 3 Throats The Fitting Would Be a Minimum Of 20".
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.



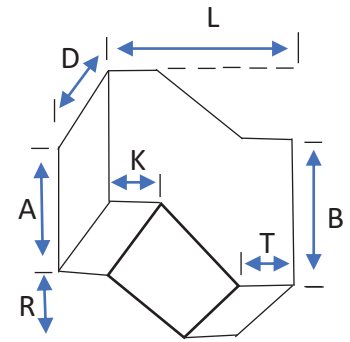
Square Rise Up
w/Throat
 $A \times D$ Both Ends
Product # STRU



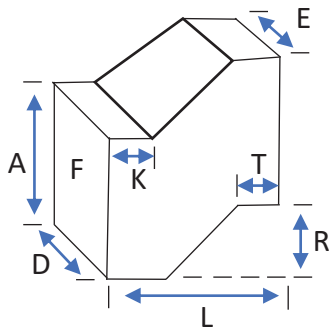
Square Rise Up
w/Throat
 $A \times D - B \times D$
Product # STRUD



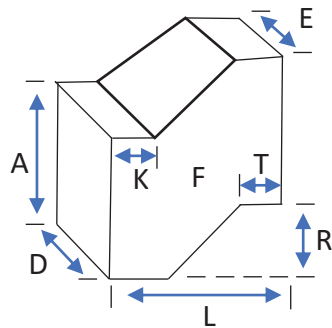
Square Rise Down
w/Throat
 $A \times D$ Both Ends
Product # STRD



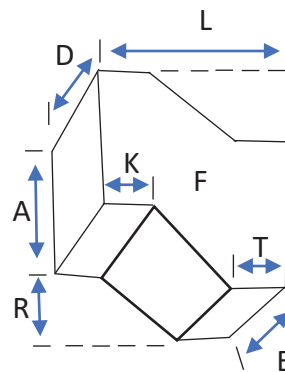
Square Rise Down
w/Throat
 $A \times D - B \times D$
Product # STRDD



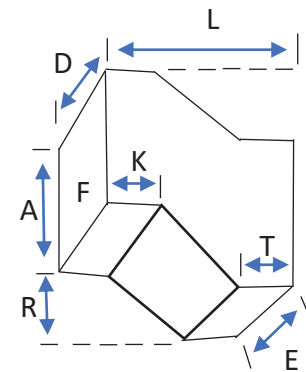
Square Rise Up
w/Throat Back Flat
 $A \times D - A \times E$
Product # STRUBFA



Square Rise Up
w/Throat Front Flat
 $A \times D - A \times E$
Product # STRUFFA



Square Rise Down
w/Throat Front Flat
 $A \times D - A \times E$
Product # STRDFFA



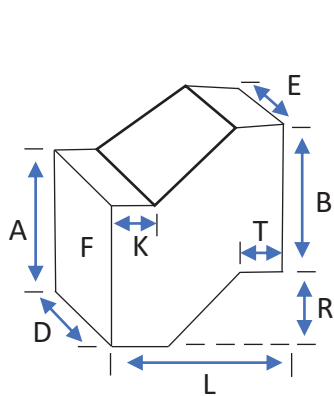
Square Rise Down
w/Throat Back Flat
 $A \times D - A \times E$
Product # STRDBFA

Square Riser/Transitions w/ Throats

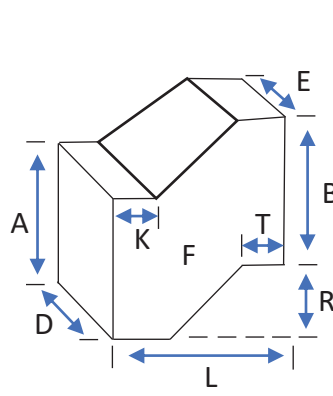
For Minimum Length It Will Be $A + \text{Throats} + 2$.

So For An Example $A = 12$ w/3 x 3 Throats The Fitting Would Be a Minimum Of 20".

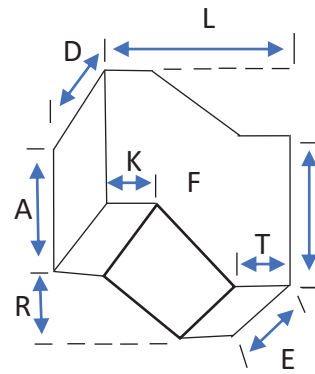
Now If A Changes It Will Be Based Off The Greater Number Between A & B.



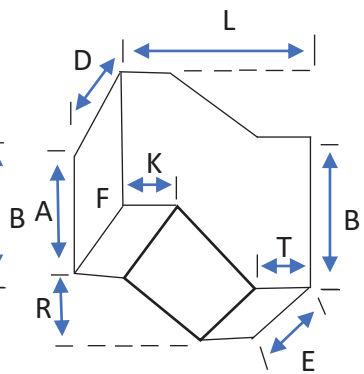
Square Rise Up
w/Throat Back Flat
 $A \times D - B \times E$
Product # STRUBFAB



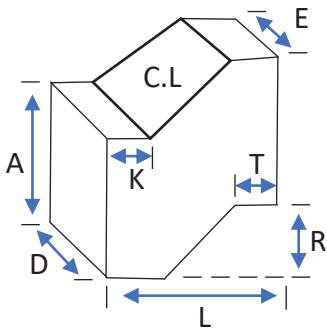
Square Rise Up
w/Throat Front Flat
 $A \times D - B \times E$
Product # STRUFFAB



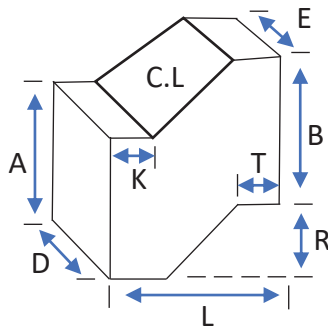
Square Rise Down
w/Throat Front Flat
 $A \times D - B \times E$
Product # STRDFFAB



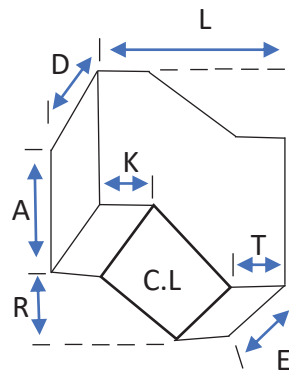
Square Rise Down
w/Throat Back Flat
 $A \times D - B \times E$
Product # STRDBFAB



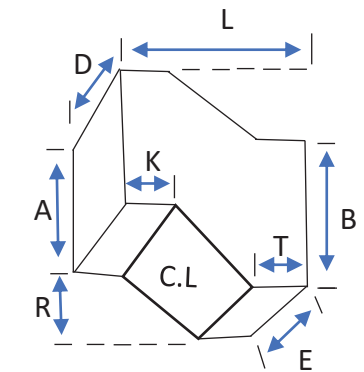
Square Rise Up
w/Throat Center Line
 $A \times D - A \times E$
Product # STRUCLA



Square Rise Up
w/Throat Center Line
 $A \times D - B \times E$
Product # STRUCLAB



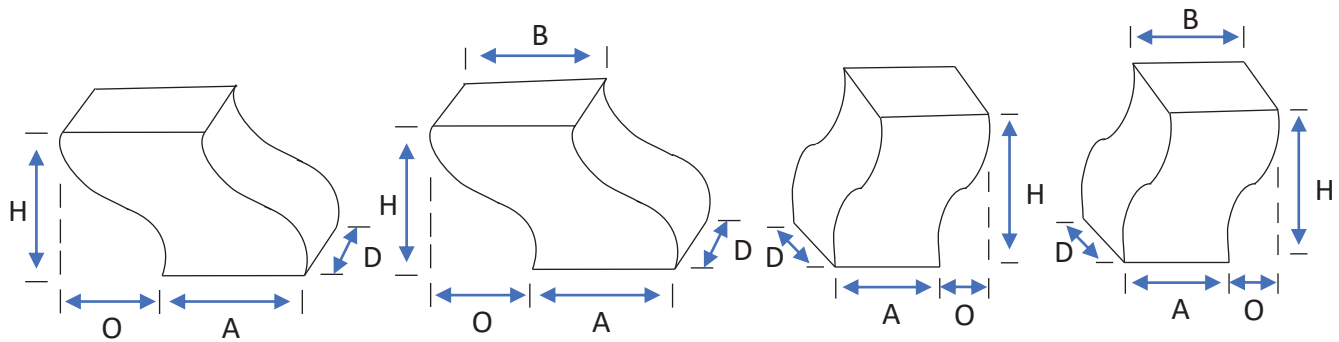
Square Rise Down
w/Throat Center Line
 $A \times D - A \times E$
Product # STRDCLA



Square Rise Down
w/Throat Center Line
 $A \times D - B \times E$
Product # STRDCLAB

Radius Offsets/Transitions

For Minimum Height It Will Be $A + 4$.
 So For An Example $A = 20''$ The Fitting Would Be a Minimum Of 24".
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.

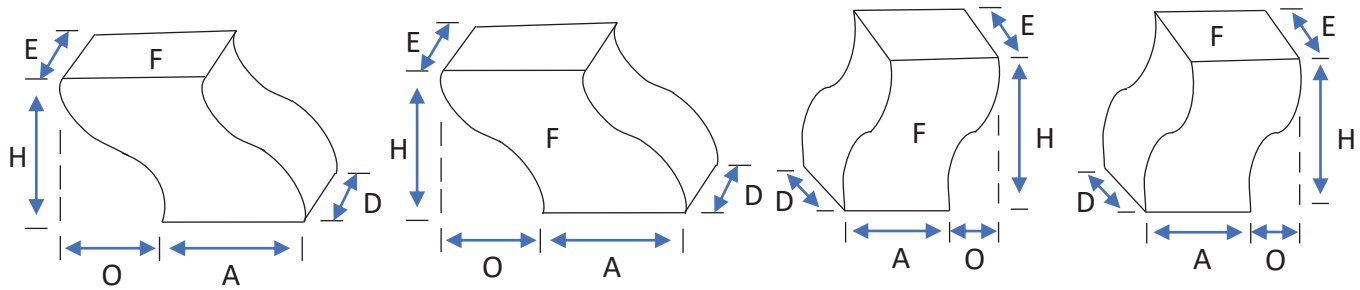


Radius Offset To
The Left
 $A \times D$ Both Ends
Product # ROL

Radius Offset To
The Left
 $A \times D - B \times D$
Product # ROLD

Radius Offset To
The Right
 $A \times D$ Both Ends
Product # ROR

Radius Offset To
The Right
 $A \times D - B \times D$
Product # RORD



Radius Offset To
The Left
Back Flat
 $A \times D - A \times E$
Product # ROLBFA

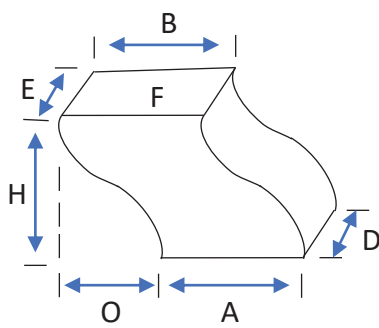
Radius Offset To
The Left
Front Flat
 $A \times D - A \times E$
Product # ROLFFA

Radius Offset To
The Right
Front Flat
 $A \times D - A \times E$
Product # RORFFA

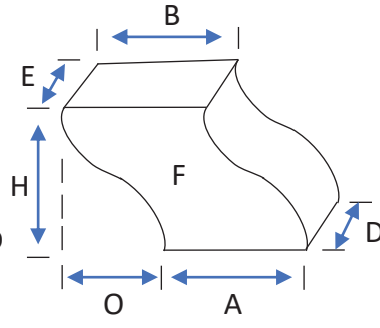
Radius Offset To
The Right
Back Flat
 $A \times D - A \times E$
Product # RORBFA

Radius Offsets/Transitions

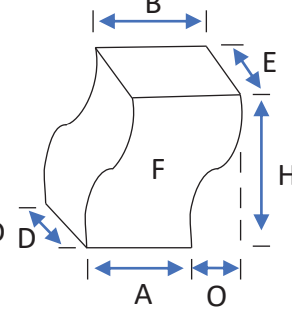
For Minimum Height It Will Be $A + 4$.
 So For An Example $A = 20''$ The Fitting Would Be a Minimum Of $24''$.
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.



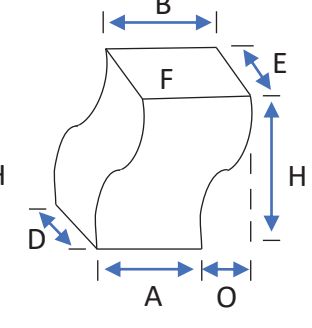
Offset To The Left
 Back Flat
 $A \times D - B \times E$
 Product # ROLBFAB



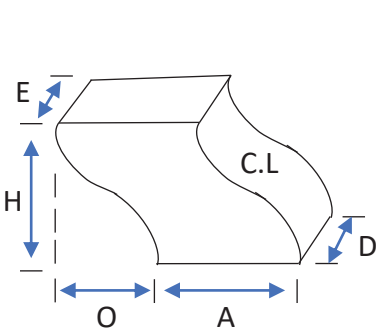
Offset To The Left
 Front Flat
 $A \times D - B \times E$
 Product # ROLFFAB



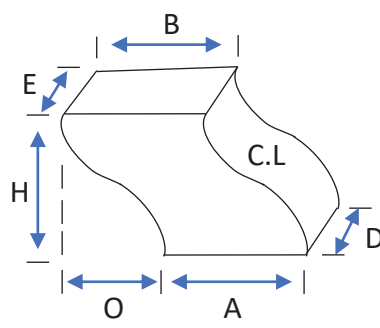
Offset To The Right
 Front Flat
 $A \times D - B \times E$
 Product # RORFFAB



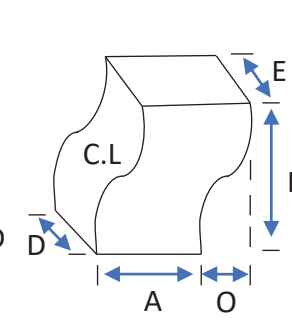
Offset To The Right
 Back Flat
 $A \times D - B \times E$
 Product # RORBFAB



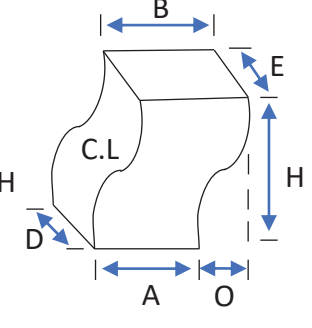
Offset To The Left
 Center Line
 $A \times D - A \times E$
 Product # ROLCLA



Offset To The Left
 Center Line
 $A \times D - B \times E$
 Product # ROLCLAB



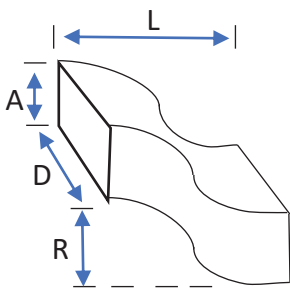
Offset To The Right
 Center Line
 $A \times D - A \times E$
 Product # RORCLA



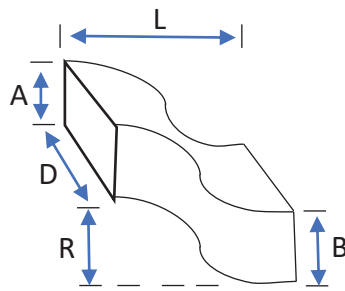
Offset To The Right
 Center Line
 $A \times D - B \times E$
 Product # RORCLAB

Radius Risers/Transitions

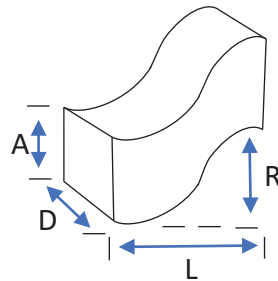
For Minimum Height It Will Be $A + 4$.
 So For An Example $A = 12''$ The Fitting Would Be a Minimum Of $16''$.
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.



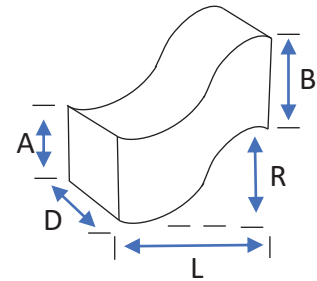
Radius Rise Down
 $A \times D$ Both Ends
 Product # RRD



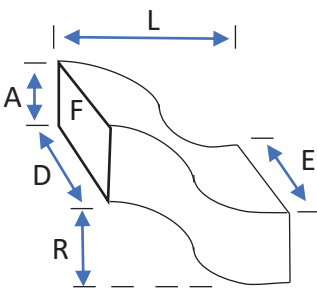
Radius Rise Down
 $A \times D - B \times D$
 Product # RRDD



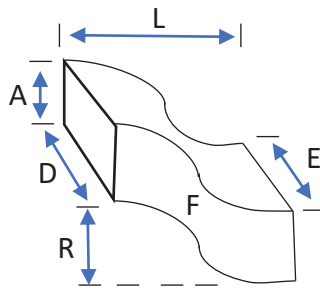
Radius Rise Up
 $A \times D$ Both Ends
 Product # RRU



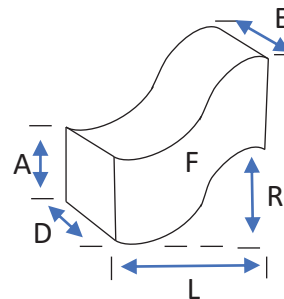
Radius Rise Up
 $A \times D - B \times D$
 Product # RRUD



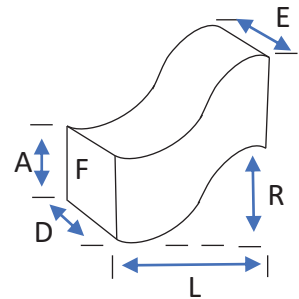
Radius Rise Down
 Back Flat
 $A \times D - A \times E$
 Product # RRDBFA



Radius Rise Down
 Front Flat
 $A \times D - A \times E$
 Product # RRDFFA



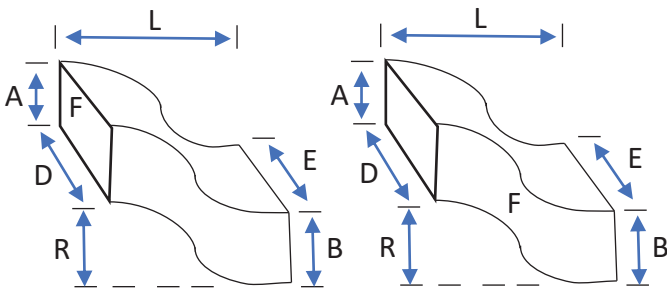
Radius Rise Up
 Front Flat
 $A \times D - A \times E$
 Product # RRUFFA



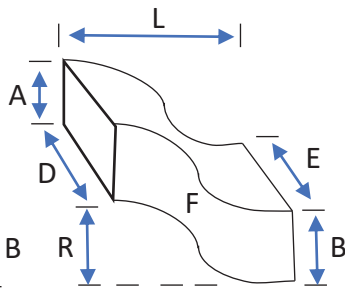
Radius Rise Up
 Back Flat
 $A \times D - A \times E$
 Product # RRUBFA

Radius Risers/Transitions

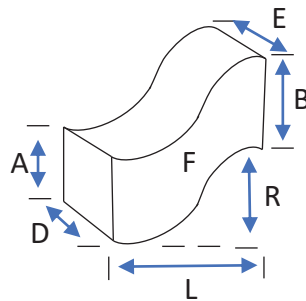
For Minimum Height It Will Be $A + 4$.
 So For An Example $A = 12''$ The Fitting Would Be a Minimum Of $16''$.
 Now If A Changes It Will Be Based Off The Greater Number Between A & B.



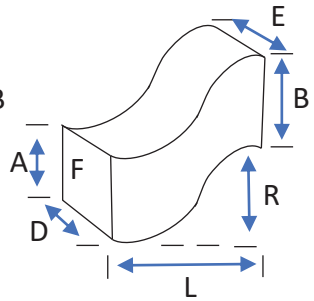
Radius Rise Down
 Back Flat
 $A \times D - B \times E$
 Product # RRDBFAB



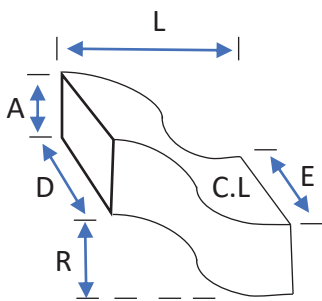
Radius Rise Down
 Front Flat
 $A \times D - B \times E$
 Product # RRDFFAB



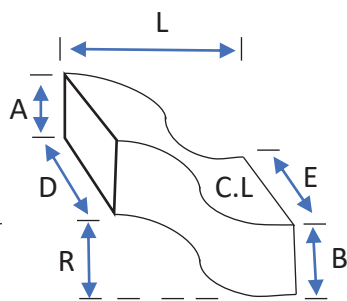
Radius Rise Up
 Front Flat
 $A \times D - B \times E$
 Product # RRUFFAB



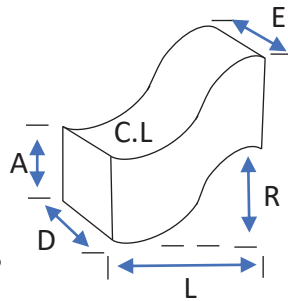
Radius Rise Up
 Back Flat
 $A \times D - B \times E$
 Product # RRUBFAB



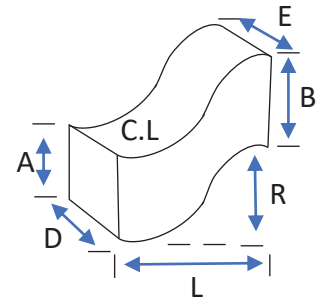
Radius Rise Down
 Center Line
 $A \times D - A \times E$
 Product # RRDCCLA



Radius Rise Down
 Center Line
 $A \times D - B \times E$
 Product # RRDCLAB



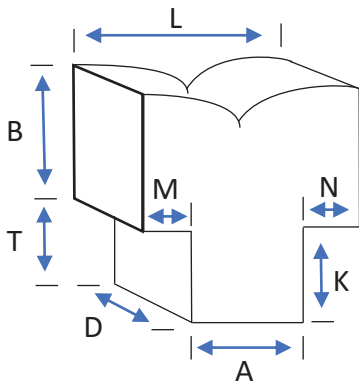
Radius Rise Up
 Center Line
 $A \times D - A \times E$
 Product # RRUCLA



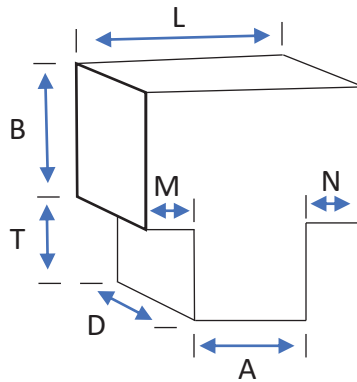
Radius Rise Up
 Center Line
 $A \times D - B \times E$
 Product # RRUCLAB

Square Throat Tee's/Wye's

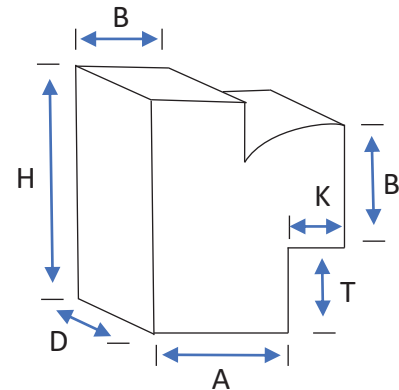
Common Style Tee's/Wye's With Square Throats.
On The Wye's Leg Can Turn Less Than 90 Degrees (If Needed).



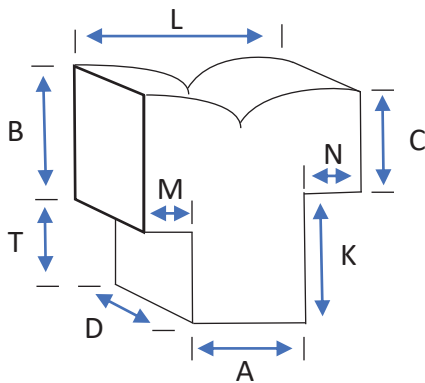
Radius Heel Square Throat Tee
A x D – B x D – B x D
Product # RHSTTD



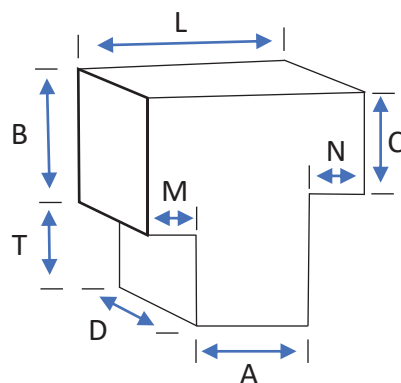
Square Heel Square Throat Tee
A x D – B x D – B x D
Product # SHSTTD



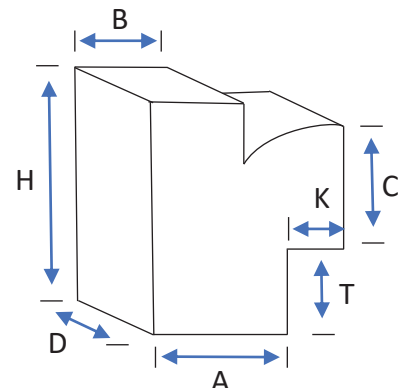
Square Throat Wye One Leg Turns 90
A x D – B x D – B x D
Product # STWAB



Radius Heel Square Throat Tee
A x D – B x D – C x D
Product # RHSTTABC



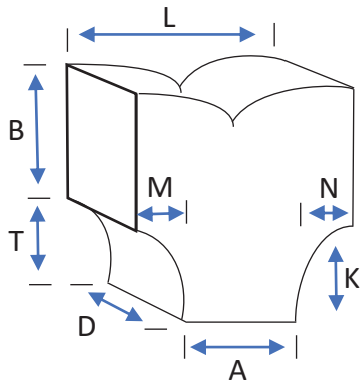
Square Heel Square Throat Tee
A x D – B x D – C x D
Product # SHSTTABC



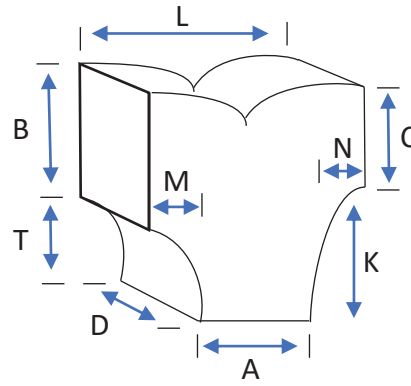
Square Throat Wye One Leg Turns 90
A x D – B x D – C x D
Product # STWABC

Radius Throat Tee's/Wye's

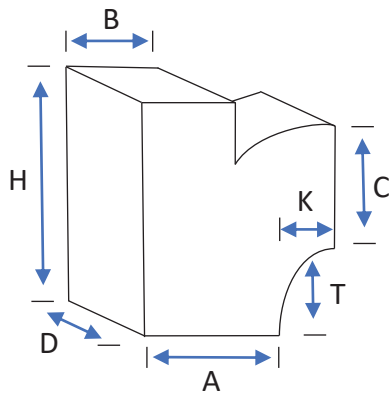
Common Style Tee's/Wye's With Radius Throats
On The Wye's Leg Can Turn Less Than 90 Degrees (If Needed).



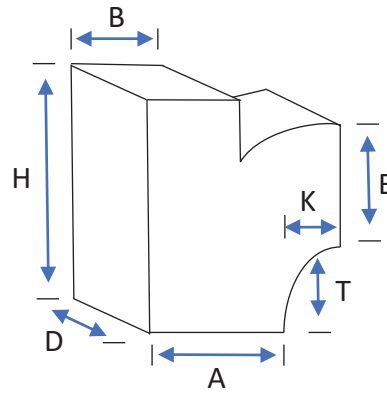
Radius Heel Radius Throat
Tee
 $A \times D - B \times D - B \times D$
Product # RHRTTD



Radius Heel Radius Throat
Tee
 $A \times D - B \times D - C \times D$
Product # RHRTTABC



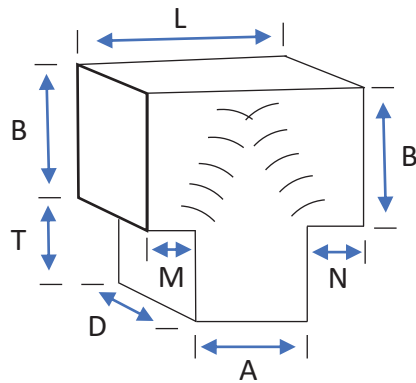
Radius Throat Wye One Leg
Turns 90
 $A \times D - B \times D - B \times D$
Product # RTWAB



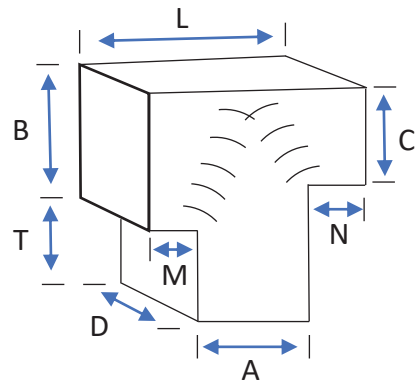
Radius Throat Wye One Leg
Turns 90
 $A \times D - B \times D - B \times D$
Product # RTWABC

Pair Of Pants/Tee's w/Turning Vanes

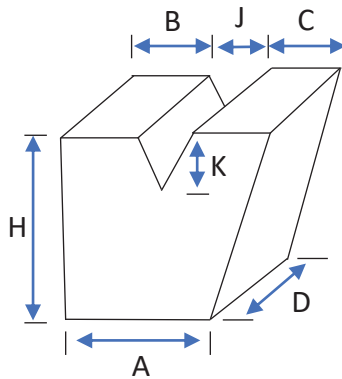
Common Style Tee's With Turning Vanes.
 Pair Of Pants Center Line/One Side Flat.



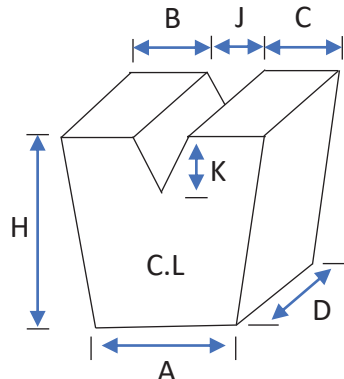
Square Back Tee
 W/Turning Vanes
 A x D – B x D – B x D
 Product # SBTTVAB



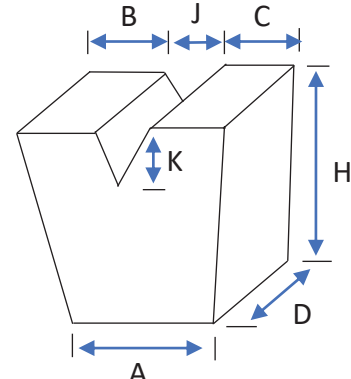
Square Back Tee
 W/Turning Vanes
 A x D – B x D – C x D
 Product # SBTTVABC



Pair Of Pants
 Flat On Left
 A x D – B x D – C x D
 Product # POPFOLABC



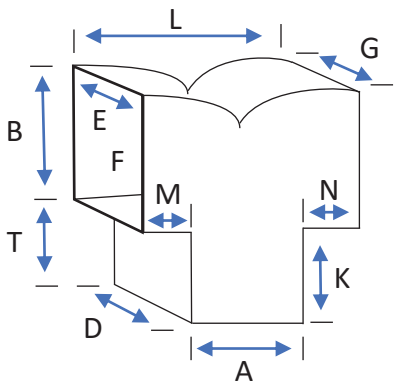
Pair Of Pants
 Center Line
 A x D – B x D – C x D
 Product # POPCLABC



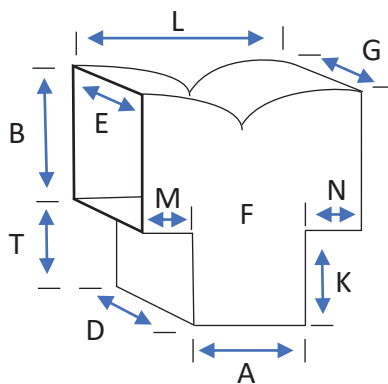
Pair Of Pants
 Flat On Right
 A x D – B x D – C x D
 Product # POPFORABC

Radius Heel Square Throat Reducing Tee's

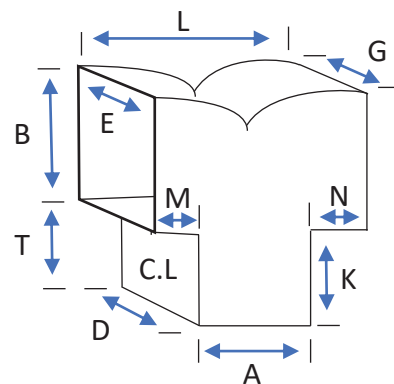
These Are Specialty Tee's With Square Throats That Transition Center Line/One Side Flat.



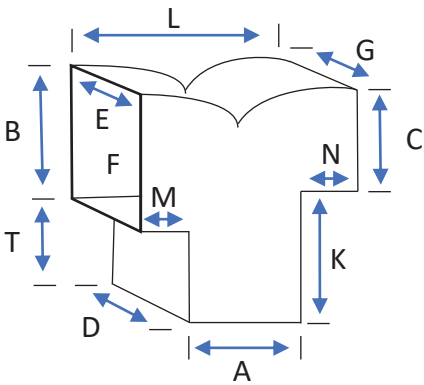
Radius Heel Square Throat
Reducing Tee Back Flat
 $A \times D - B \times E - B \times G$
Product # RHSTRBFAB



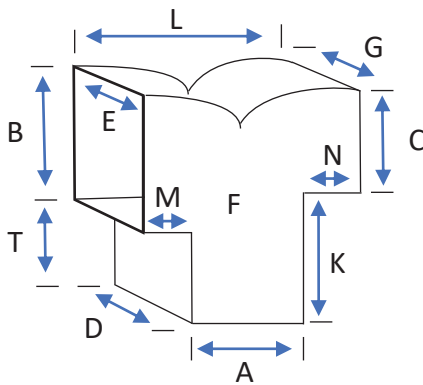
Radius Heel Square Throat
Reducing Tee Front Flat
 $A \times D - B \times E - B \times G$
Product # RHSTRFFAB



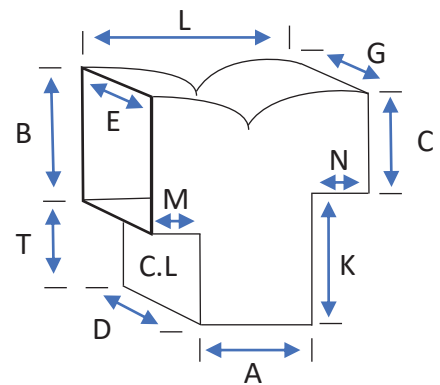
Radius Heel Square Throat
Reducing Center Line Tee
 $A \times D - B \times E - B \times G$
Product # RHSTRCLTAB



Radius Heel Square Throat
Reducing Tee Back Flat
 $A \times D - B \times E - C \times G$
Product # RHSTRBFABC



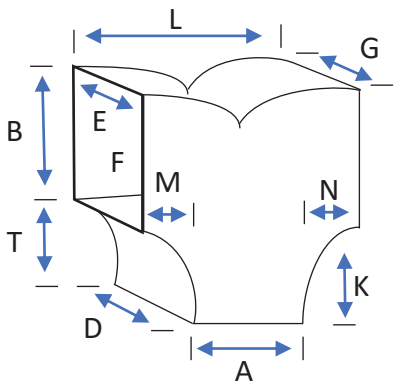
Radius Heel Square Throat
Reducing Tee Front Flat
 $A \times D - B \times E - C \times G$
Product # RHSTRFFABC



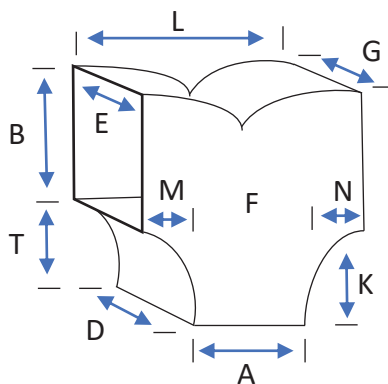
Radius Heel Square Throat
Reducing Center Line Tee
 $A \times D - B \times E - C \times G$
Product # RHSTRCLTABC

Radius Heel Radius Throats Reducing Tee's

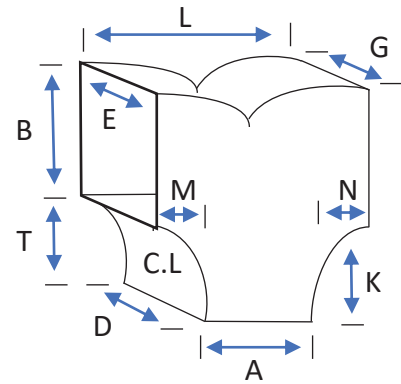
These Are Specialty Tee's With Radius Throats That Transition Center Line/One Side Flat.



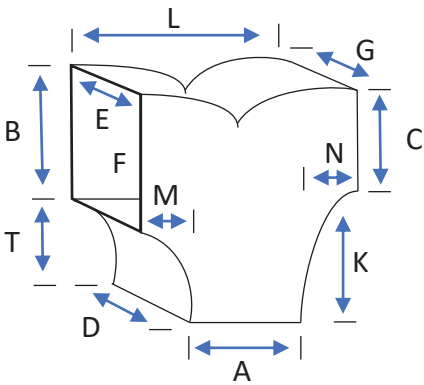
Radius Heel Radius Throat
Reducing Tee Back Flat
A x D - B x E - B x G
Product # RHRTRTBFBAB



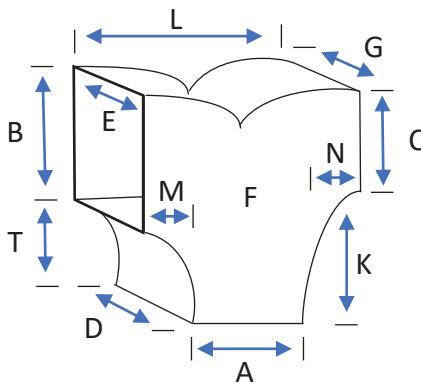
Radius Heel Radius Throat
Reducing Tee Front Flat
A x D - B x E - B x G
Product # RHRTRTFFAB



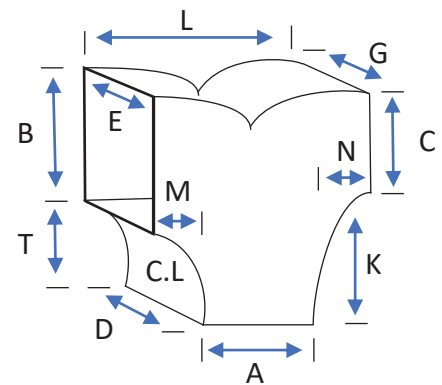
Radius Heel Radius Throat
Reducing Center Line Tee
A x D - B x E - B x G
Product # RHRTRCLTAB



Radius Heel Radius Throat
Reducing Tee Back Flat
A x D - B x E - C x G
Product # RHRTRTBFABC



Radius Heel Radius Throat
Reducing Tee Front Flat
A x D - B x E - C x G
Product # RHRTRTFFABC

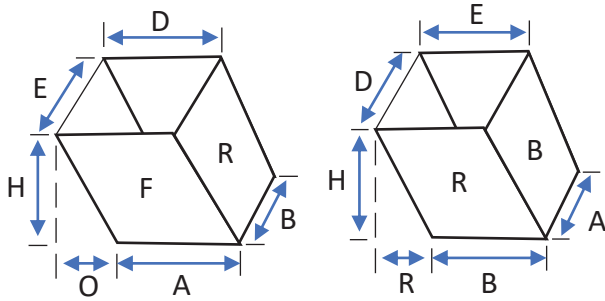


Radius Heel Radius Throat
Reducing Center Line Tee
A x D - B x E - C x G
Product # RHRTRCLTABC

Square Double Offset w/Two Views

These Fittings Are Used If You Don't Have A Flat Side.
 This View Is Vertical Drawn w/Two Different Views.
 If Your Duct Is Horizontal Then Rotate Catalog.
 F = Front R = Right B = Back L = Left

Offset To The Left / Rise Down

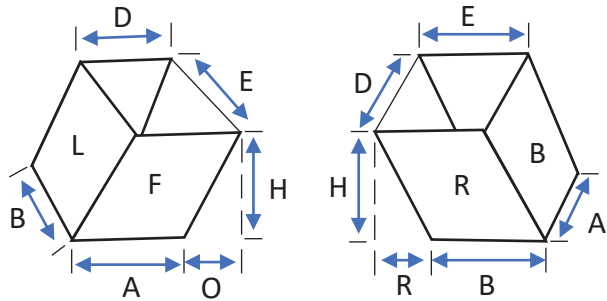


Front View
Offset To The Left

Right Side View
Rise Down

Product # SOLRD

Offset To The Right / Rise Down

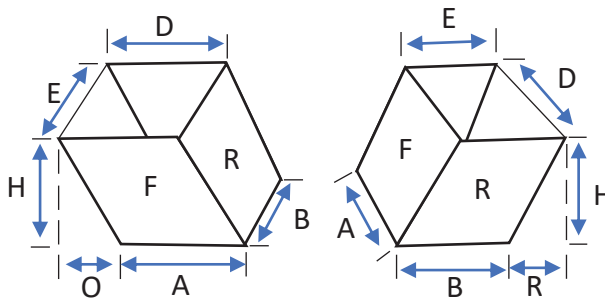


Front View
Offset To The Right

Right Side View
Rise Down

Product # SORRD

Offset To The Left / Rise Up

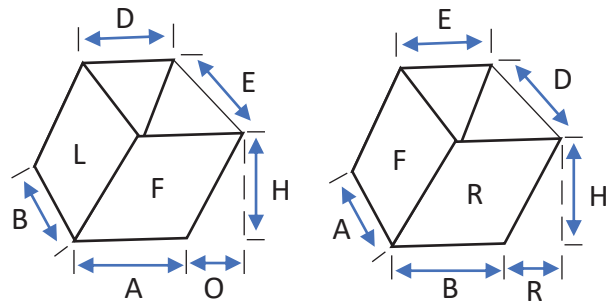


Front View
Offset To The Left

Right Side View
Rise Up

Product # SOLRU

Offset To The Right / Rise Up



Front View
Offset To The Right

Right Side View
Rise Up

Product # SORRU

Square Double Offset w/ Throats & Two Views

These Fittings Are Used If You Don't Have A Flat Side.

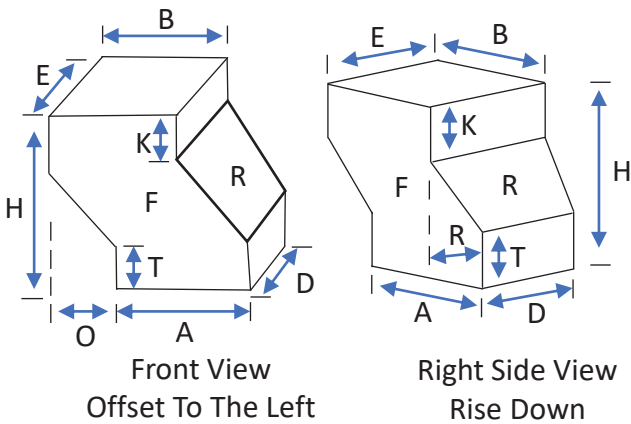
Minimum Height/Length Is Equal To Or Greater Than Bigger Number Between A & B + Throats + 2

This View Is Vertical Drawn w/Two Different Views.

If Your Duct Is Horizontal Then Rotate The Catalog.

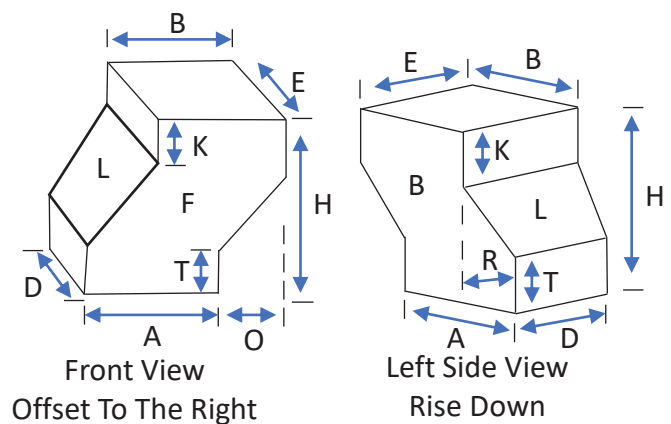
F = Front R = Right B = Back L = Left

Offset To The Left / Rise Down



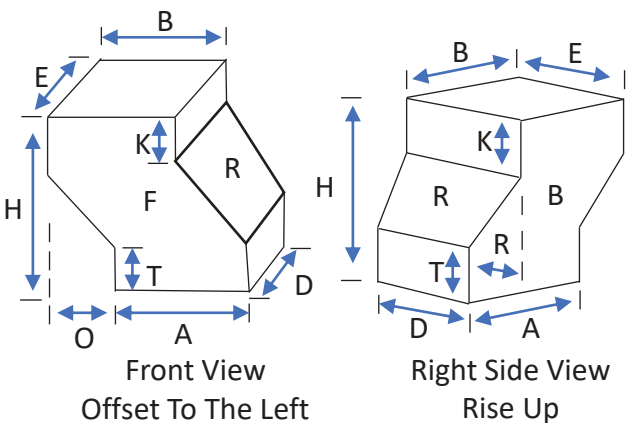
Product # STOLRD

Offset To The Right / Rise Down



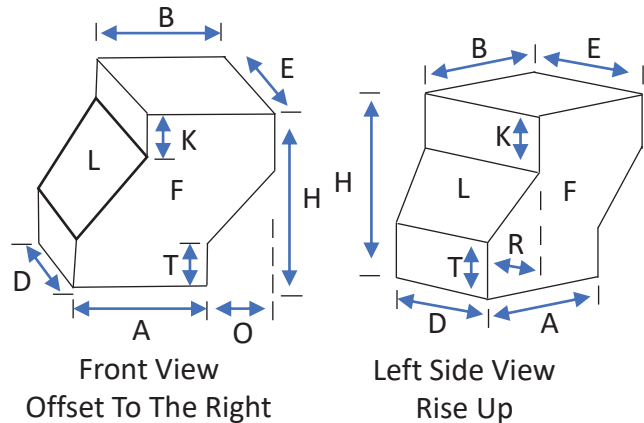
Product # STORRD

Offset To The Left / Rise Up



Product # STOLRU

Offset To The Right / Rise Up

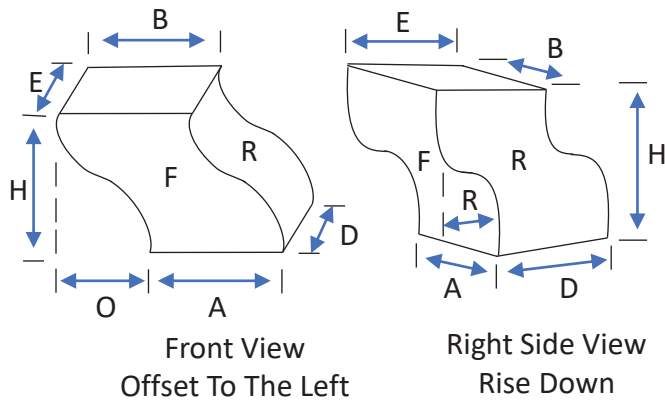


Product # STORRU

Radius Double Offset w/Two Views

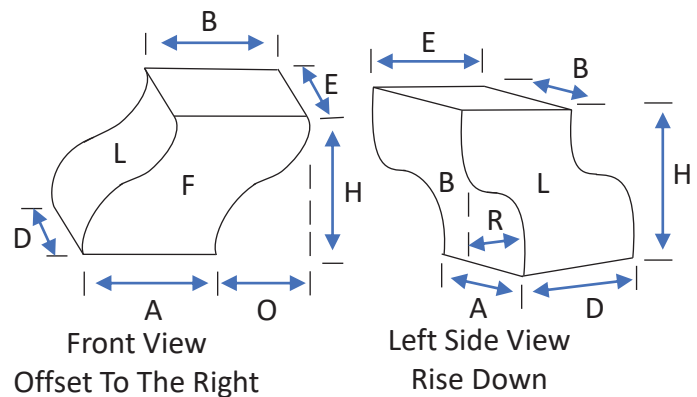
These Fittings Are Used If You Don't Have A Flat Side.
 Minimum Height/Length Is Equal To Or Greater Than Bigger Number Between A & B + 4
 This View Is Vertical Drawn w/Two Different Views.
 If Your Duct Is Horizontal Then Rotate The Catalog.
 F = Front R = Right B = Back L = Left

Offset To The Left / Rise Down



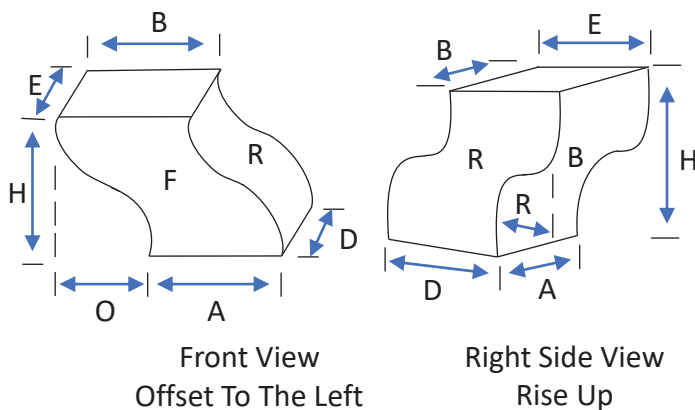
Product # ROLRD

Offset To The Right / Rise Down



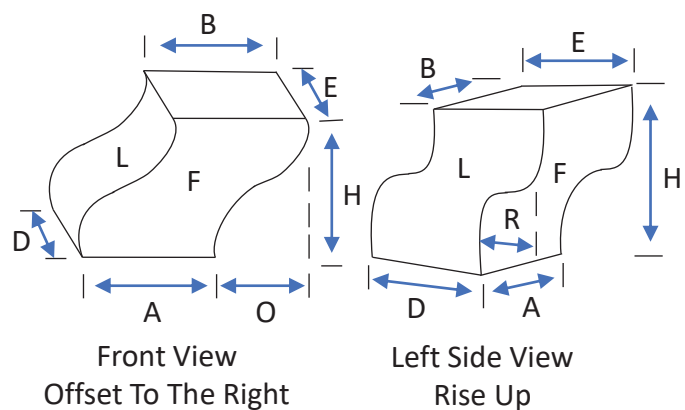
Product # RORRD

Offset To The Left / Rise Up



Product # ROLRU

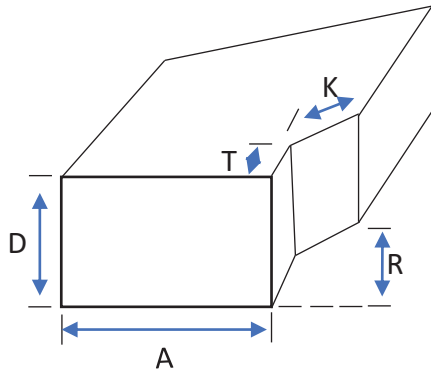
Offset To The Right / Rise Up



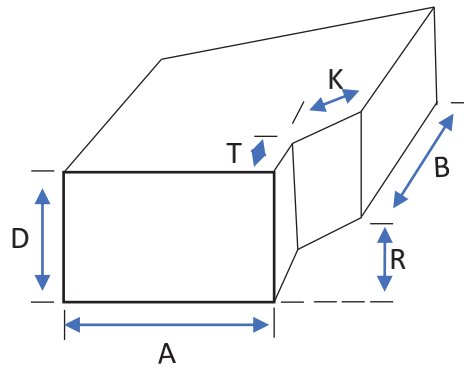
Product # RORRU

Square Heel Throat Horizontal Elbows w/ Rise

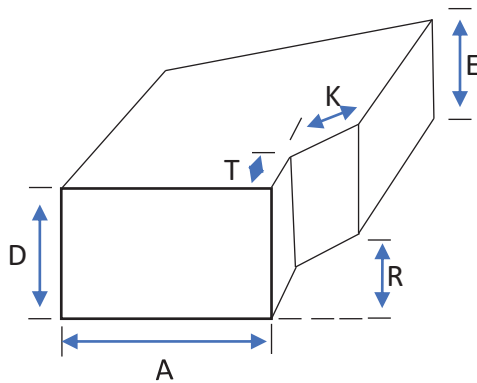
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Right With A Rise Up
 Or Can Be Turning To The Left With A Rise Down.



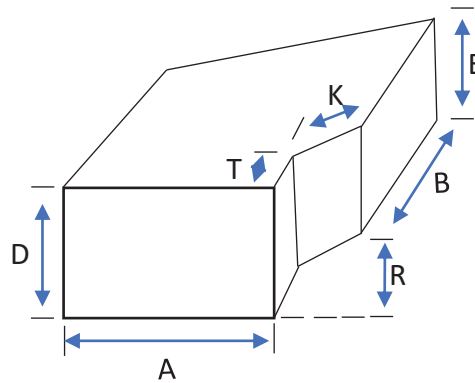
Square Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D$ Both Ends
 Product # SHSTHERRU



Square Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # SHSTHERRUD



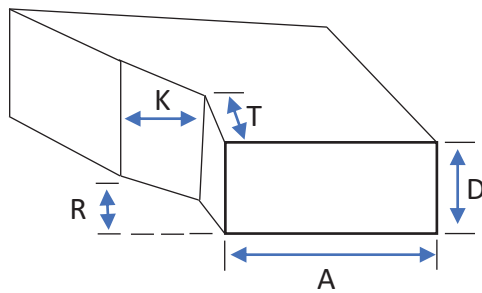
Square Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # SHSTHERRUA



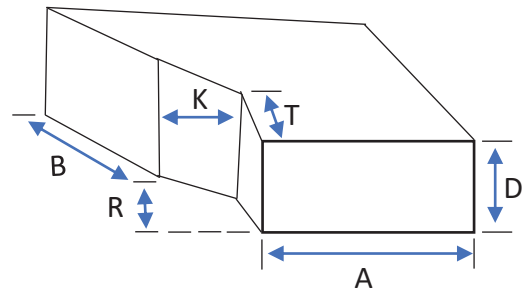
Square Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times E$
 Product # SHSTHERRUAB

Square Heel Throat Horizontal Elbows w/ Rise

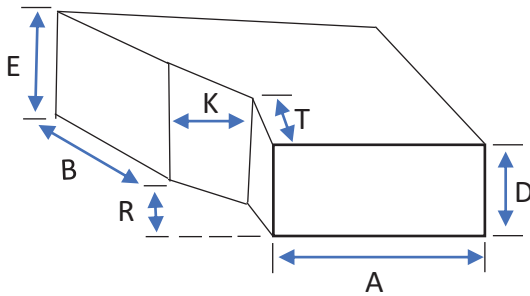
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Left With A Rise Up
 Or Can Be Turning To The Right With A Rise Down.



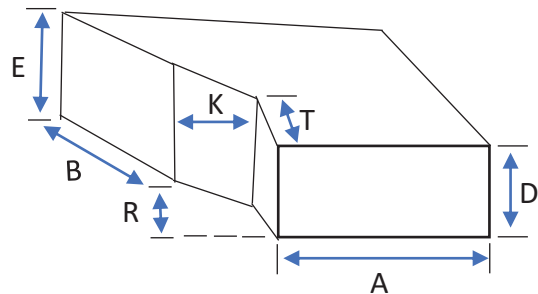
Square Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up/
 To The Right Rise Down
 $A \times D$ Both Ends
 Product # SHSTHEL RU



Square Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up/
 To The Right Rise Down
 $A \times D - B \times D$
 Product # SHSTHEL RUD



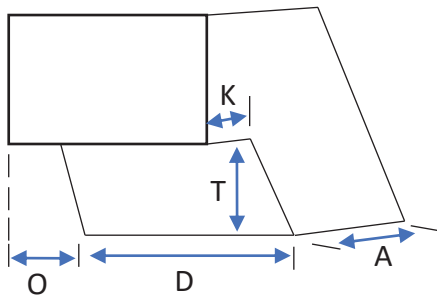
Square Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up/
 To The Right Rise Down
 $A \times D - A \times E$
 Product # SHSTHEL RUA



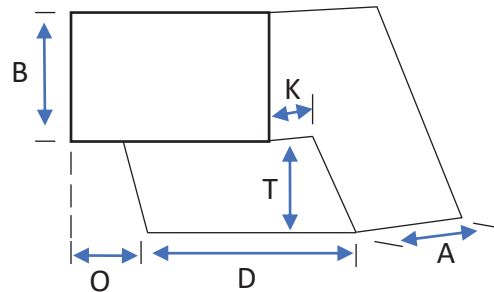
Square Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up/
 To The Right Rise Down
 $A \times D - B \times E$
 Product # SHSTHEL RUAB

Square Heel Throat Vertical Elbows w/ Offset

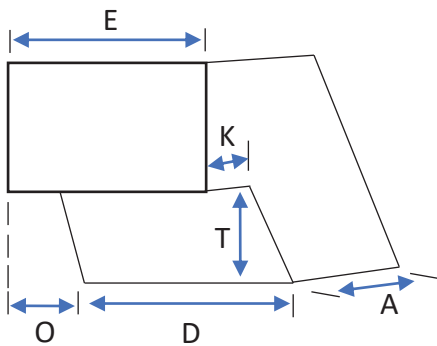
This Is A Specialty Vertical Elbow With Offset To The Left.
Looking At The Elbow It Is Offsetting To The Left.



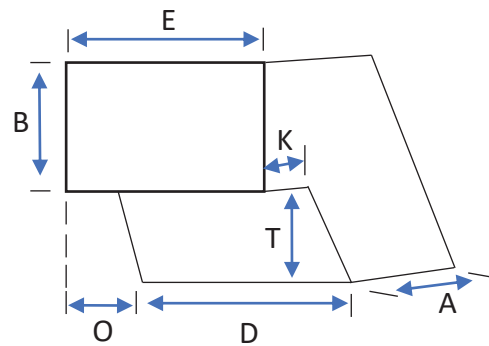
Square Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D$ Both Ends
Product # SHSTVEOL



Square Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - B \times D$
Product # SHSTVEOLD



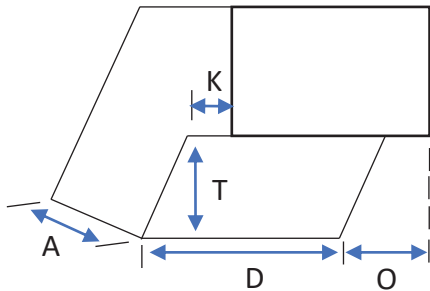
Square Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # SHSTVEOLA



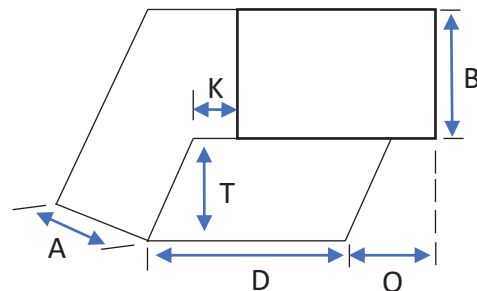
Square Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # SHSTVEOLAB

Square Heel Square Throat Vertical Elbows w/ Offset

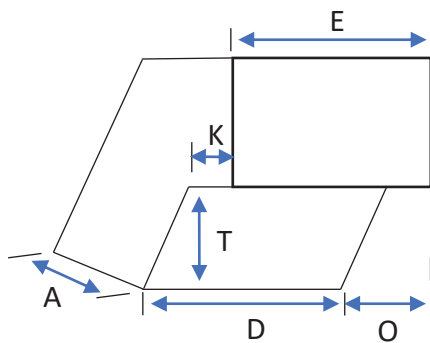
This Is A Specialty Vertical Elbow With Offset To The Right.
Looking At The Elbow It Is Offsetting To The Right.



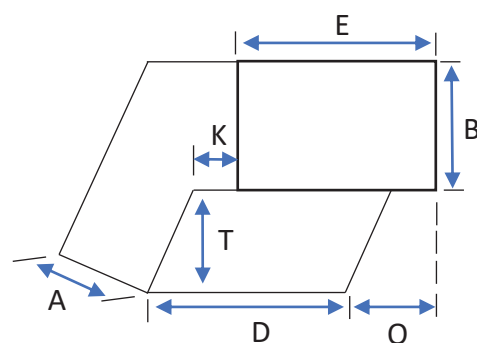
Square Heel Square Throat
Vertical Elbow
Offset To The Right
A x D Both Ends
Product # SHSTVEOR



Square Heel Square Throat
Vertical Elbow
Offset To The Right
A x D - B x E
Product # SHSTVEORD



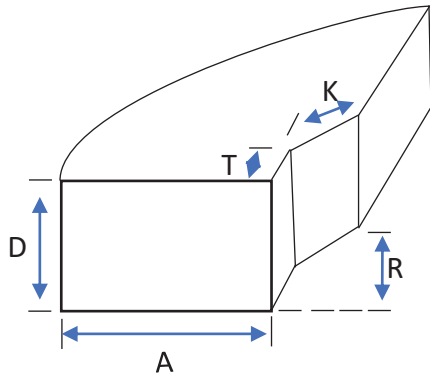
Square Heel Square Throat
Vertical Elbow
Offset To The Right
A x D - A x E
Product # SHSTVEORA



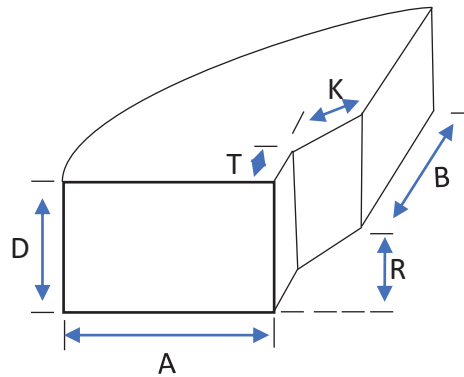
Square Heel Square Throat
Vertical Elbow
Offset To The Right
A x D - B x E
Product # SHSTVEORAB

Radius Heel Square Throat Horizontal Elbow w/ Rise

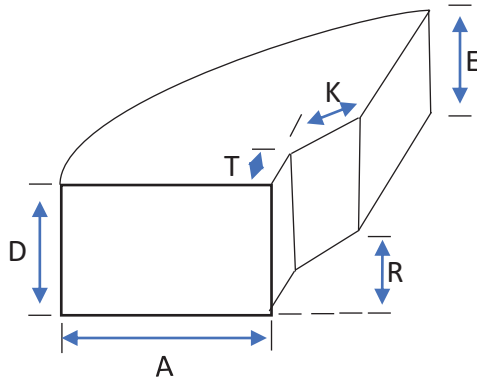
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Right With A Rise Up
 Or Can Be Turning To The Left With A Rise Down.



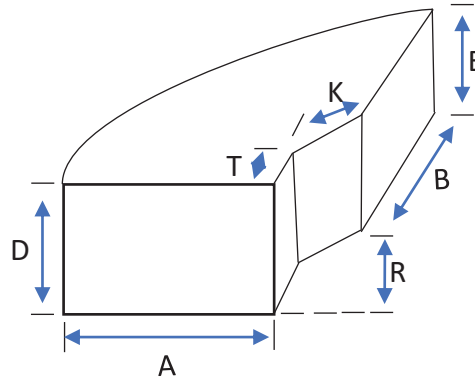
Radius Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D$ Both Ends
 Product # RHSTHERRU



Radius Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # RHSTHERRUD



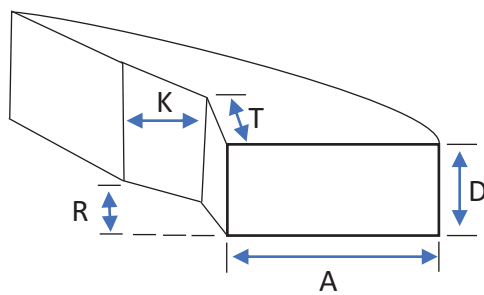
Radius Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # RHSTHERRUA



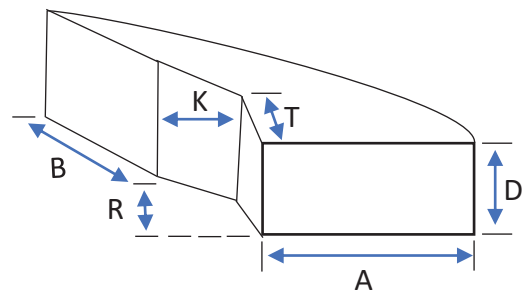
Radius Heel Square Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times E$
 Product # RHSTHERRUAB

Radius Heel Square Throat Horizontal Elbow w/ Rise

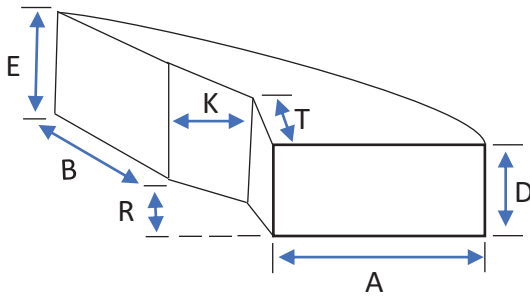
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Left With A Rise Up
 Or Can Be Turning To The Right With A Rise Down.



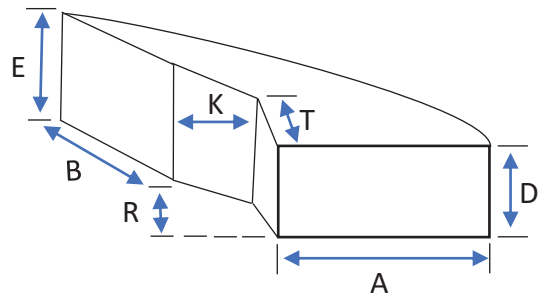
Radius Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D$ Both Ends
 Product # RHSTHELRO



Radius Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - B \times D$
 Product # RHSTHELROD



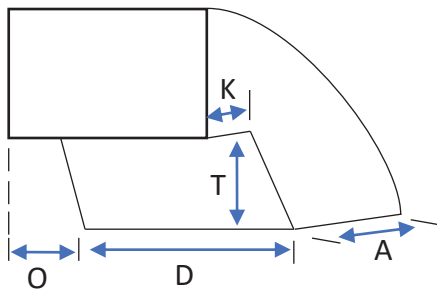
Radius Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - A \times E$
 Product # RHSTHELROA



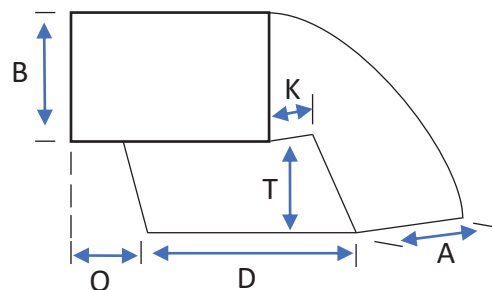
Radius Heel Square Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - B \times E$
 Product # RHSTHELROAB

Radius Heel Square Throat Vertical Elbow w/ Offset

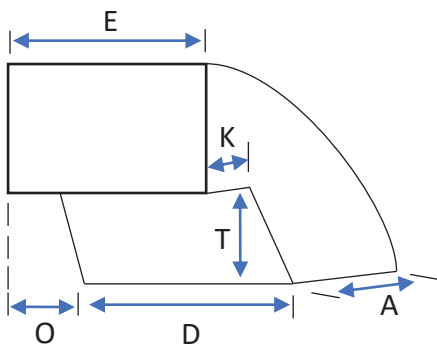
This Is A Specialty Vertical Elbow With Offset To The Left.
Looking At The Elbow It Is Offsetting To The Left.



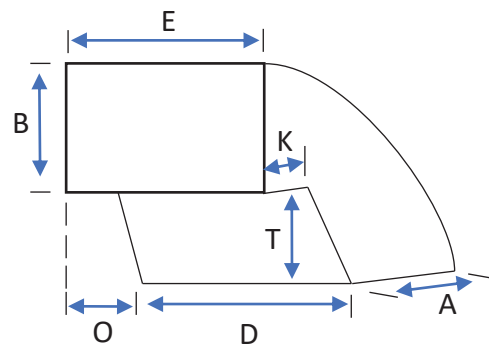
Radius Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D$ Both Ends
Product # RHSTVEOL



Radius Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - B \times D$
Product # RHSTVEOLD



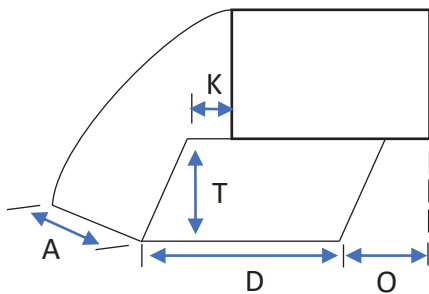
Radius Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # RHSTVEOLA



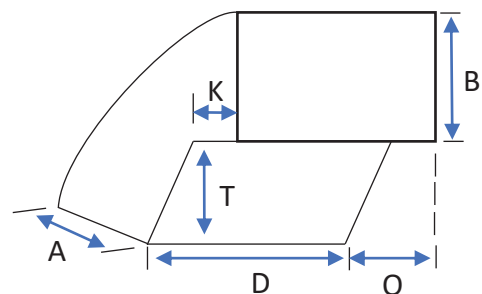
Radius Heel Square Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # RHSTVEOLAB

Radius Heel & Square Throat Vertical Elbow w/ Offset

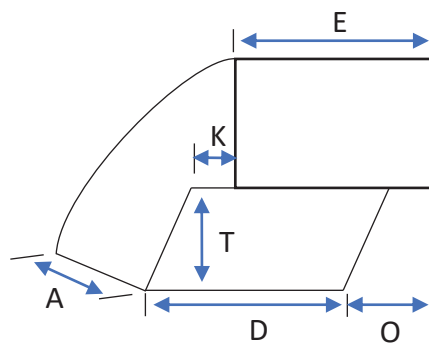
This Is A Specialty Vertical Elbow With Offset To The Right.
Looking At The Elbow It Is Offsetting To The Right.



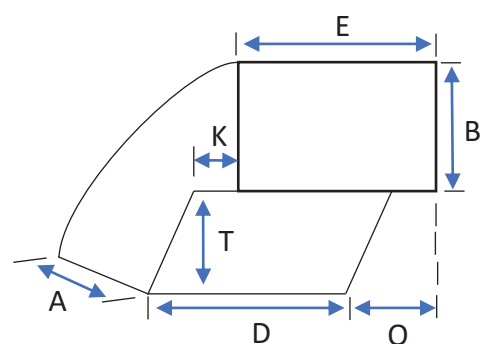
Radius Heel Square Throat
Vertical Elbow
Offset To The Right
 $A \times D$ Both Ends
Product # RHSTVEOR



Radius Heel Square Throat
Vertical Elbow
Offset To The Right
 $A \times D - B \times E$
Product # RHSTVEORD



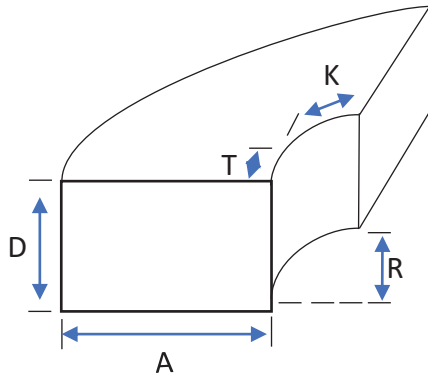
Radius Heel Square Throat
Vertical Elbow
Offset To The Right
 $A \times D - A \times E$
Product # RHSTVEORA



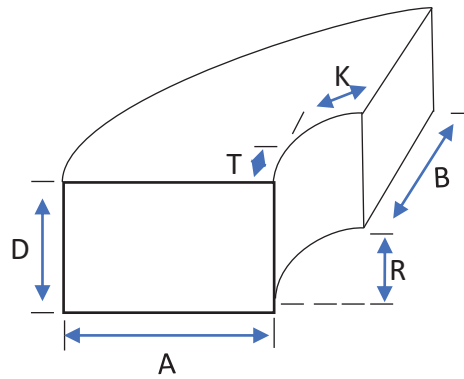
Radius Heel Square Throat
Vertical Elbow
Offset To The Right
 $A \times D - B \times E$
Product # RHSTVEORAB

Radius Heel Radius Throat Horizontal Elbow w/ Rise

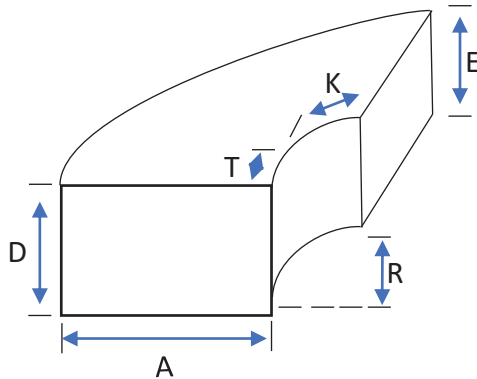
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Right With A Rise Up
 Or Can Be Turning To The Left With A Rise Down.



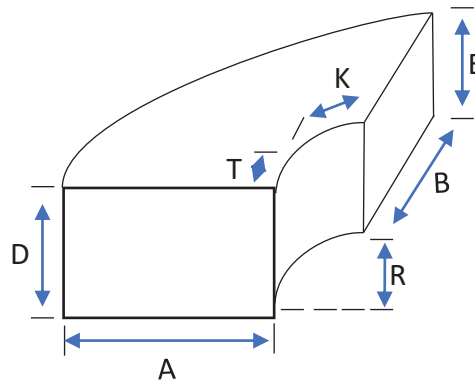
Radius Heel Radius Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D$ Both Ends
 Product # RHRTHERRU



Radius Heel Radius Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # RHRTHERRUD



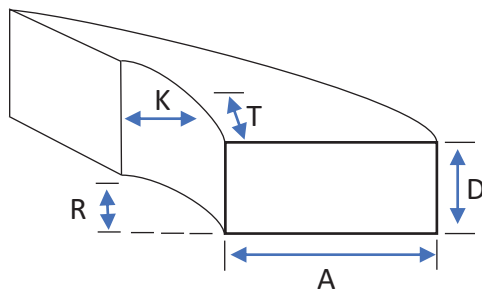
Radius Heel Radius Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times D$
 Product # RHRTHERRUA



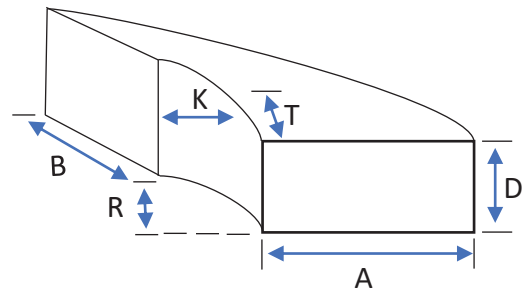
Radius Heel Radius Throat
 Horizontal Elbow
 To The Right Rise Up/
 To The Left Rise Down
 $A \times D - B \times E$
 Product # RHRTHERRUAB

Radius Heel Radius Throat Horizontal Elbow w/ Rise

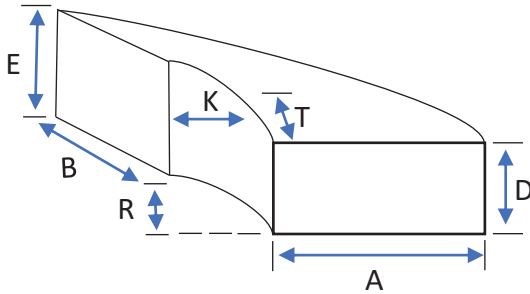
This Is A Specialty Horizontal Elbow With Rise Depending What You Need.
 Looking At The Elbow It Is Turning To The Left With A Rise Up
 Or Can Be Turning To The Right With A Rise Down.



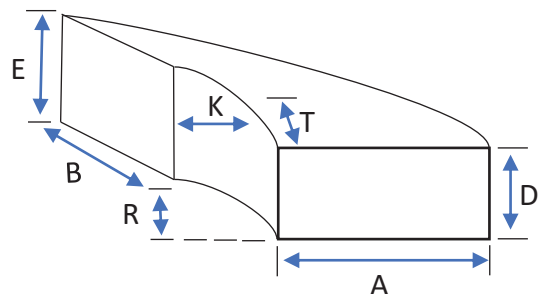
Radius Heel Radius Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D$ Both Ends
 Product # RHRTHELRU



Radius Heel Radius Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - B \times D$
 Product # RHRTHELRUD



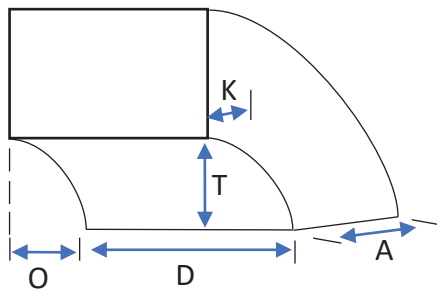
Radius Heel Radius Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - A \times E$
 Product # RHRTHELRUA



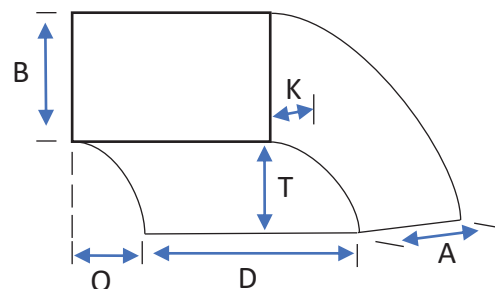
Radius Heel Radius Throat
 Horizontal Elbow
 To The Left Rise Up
 To The Right Rise Down
 $A \times D - B \times E$
 Product # RHRTHELRUAB

Radius Heel Radius Throat Vertical Elbow w/ Offset

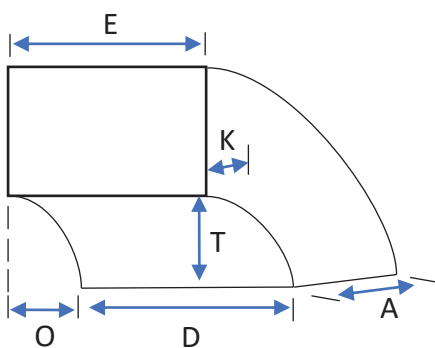
This Is A Specialty Vertical Elbow With Offset To The Left.
Looking At The Elbow It Is Offsetting To The Left.



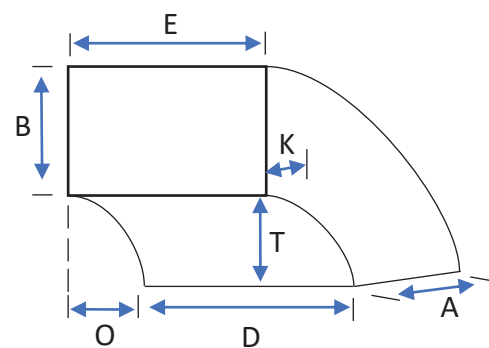
Radius Heel Radius Heel
Vertical Elbow
Offset To The Left
 $A \times D$ Both Ends
Product # RHRTVEOL



Radius Heel Radius Throat
Vertical Elbow
Offset To The Left
 $A \times D - B \times D$
Product # RHRTVEOLD



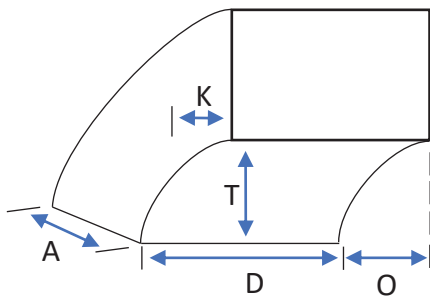
Radius Heel Radius Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # RHRTVEOLA



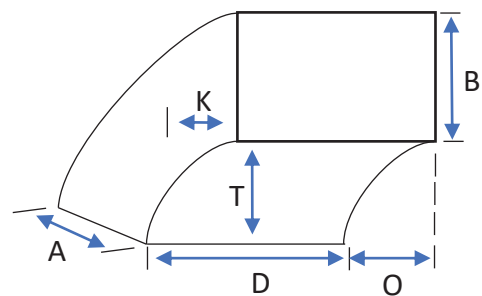
Radius Heel Radius Throat
Vertical Elbow
Offset To The Left
 $A \times D - A \times E$
Product # RHRTVEOLAB

Radius Heel Radius Throat Vertical Elbow w/ Offset

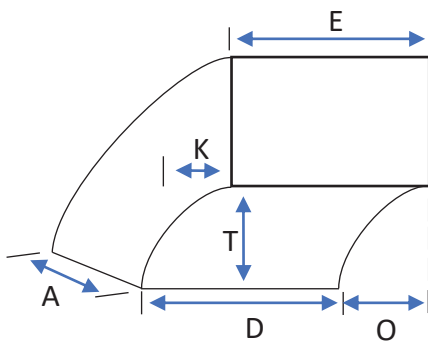
This Is A Specialty Vertical Elbow With Offset To The Right.
Looking At The Elbow It Is Offsetting To The Right.



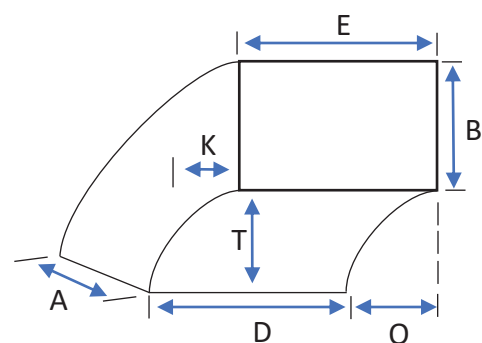
Radius Heel Radius Throat
Vertical Elbow
Offset To The Right
 $A \times D$ Both Ends
Product # RHRTVEOR



Radius Heel Radius Throat
Vertical Elbow
Offset To The Right
 $A \times D - B \times D$
Product # RHRTVEORD



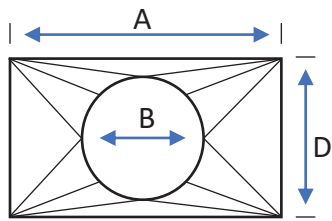
Radius Heel Radius Throat
Vertical Elbow
Offset To The Right
 $A \times D - A \times E$
Product # RHRTVEORA



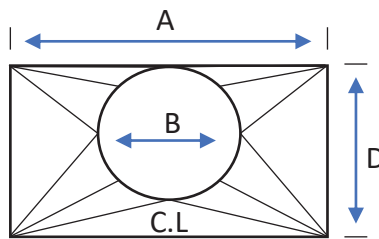
Radius Heel Radius Throat
Vertical Elbow
Offset To The Right
 $A \times D - B \times E$
Product # RHRTVEORAB

Square To Round Transition (Center Line/Flat On One Side)

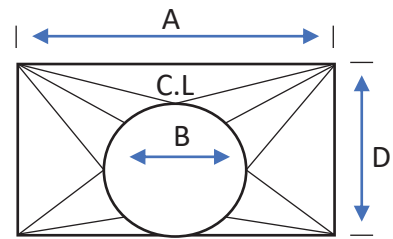
These Square To Rounds Are The Most Common.
The Only Thing Missing Is The Length/Height Of The Fitting.



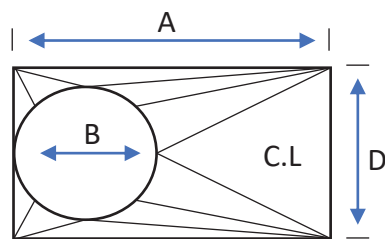
Square To Round
Center Line
Product # STRCL



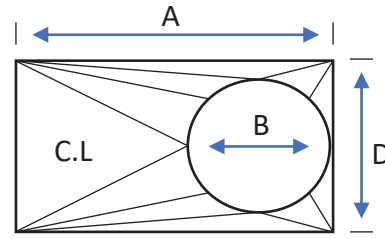
Square To Round
Top Flat Center Line
Product # STRTFCL



Square To Round
Bottom Flat Center Line
Product # STRBFCL



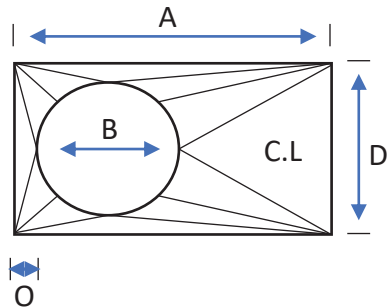
Square To Round
Left Side Flat
Center Line
Product # STRLFCL



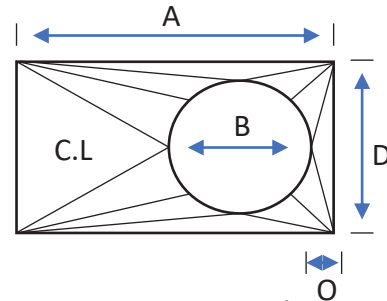
Square To Round
Right Side Flat
Center Line
Product # STRRFCL

Square To Round Offset/Riser (Circle Inside Of Square)

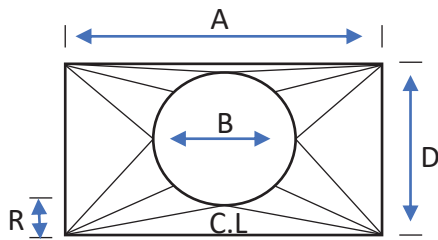
These Square To Rounds Are Offset/Rise.
 With Circle Inside Of Square.
 The Only Thing Missing Is The Length/Height Of The Fitting.



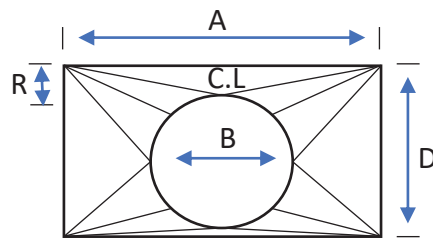
Square To Round
 Offset Left Measured
 From Left Side
 Center Line
 Product # STROLCLCIS



Square To Round
 Offset Right Measured
 From Right Side
 Center Line
 Product # STORCLCIS



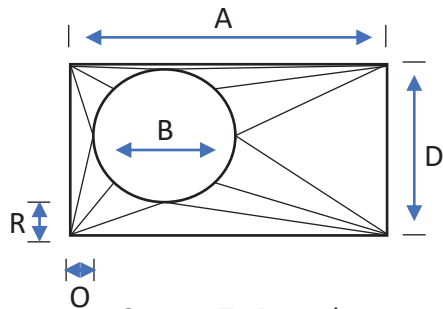
Square To Round
 Rise Up Measured
 From Bottom Side
 Center Line
 Product # STRRUCLCIS



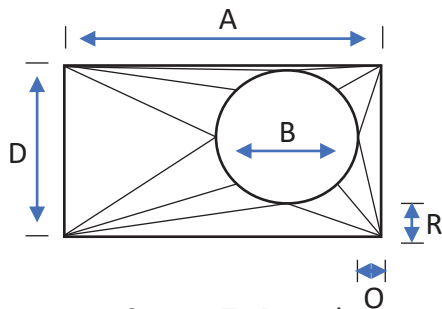
Square To Round
 Rise Down Measured
 From Top Side
 Center Line
 Product # STRRDCLCIS

Square To Round Double Offset (Circle Inside Of Square)

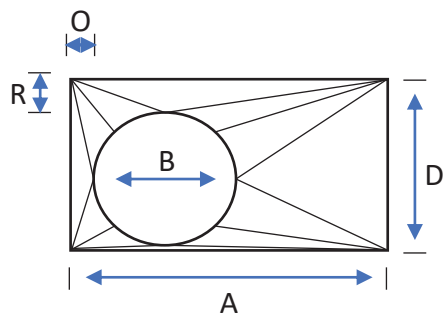
These Square To Rounds Are Double Offsets.
 With Circle Inside Of Square.
 The Only Thing Missing Is The Length/Height Of The Fitting.



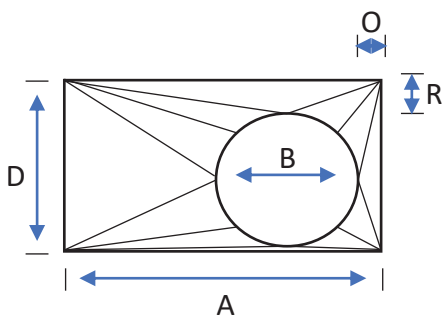
Square To Round
 Offset Measured From Left Side
 Rise Up Measure From Bottom
 Product # STROLRUCIS



Square To Round
 Offset Measured From Right Side
 Rise Up Measure From Bottom
 Product # STORRUCIS



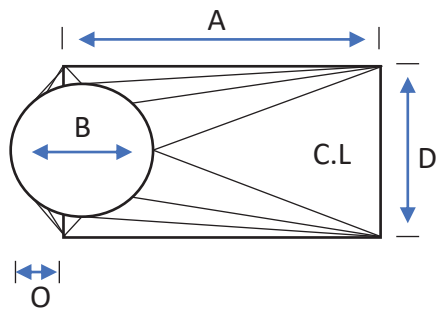
Square To Round
 Offset Measured From Left Side
 Rise Down Measure From Top
 Product # STOLRDCIS



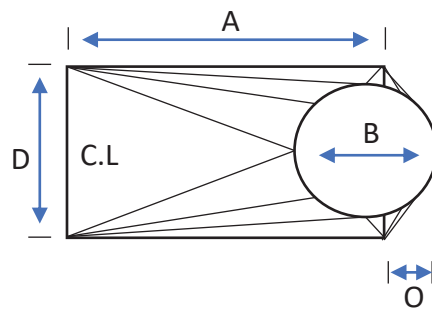
Square To Round
 Offset Measured From Right Side
 Rise Down Measure From Top
 Product # STORRDCIS

Square To Round Offset/Riser (Circle Outside Of Square)

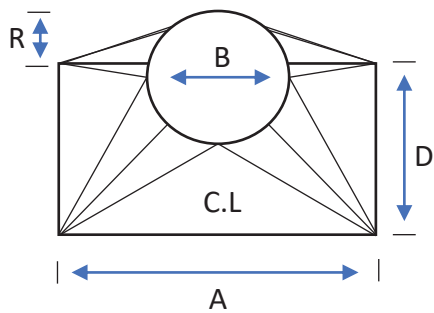
These Square To Rounds Are Offset/Rise.
 With Circle Outside Of Square.
 The Only Thing Missing Is The Length/Height Of The Fitting.



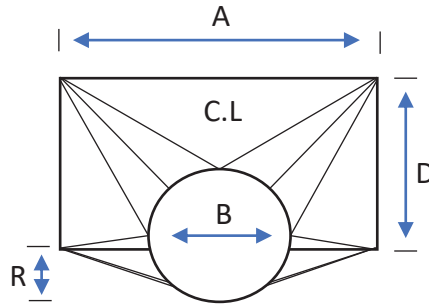
Square To Round
 Offset Left Measured
 From Left Side
 Center Line
 Product # STROLCLCOS



Square To Round
 Offset Right Measured
 From Right Side
 Center Line
 Product # STORCLCOS



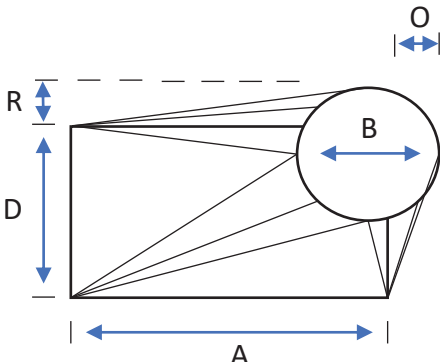
Square To Round
 Rise Up Measured
 From Top Side
 Center Line
 Product # STRUCLCOS



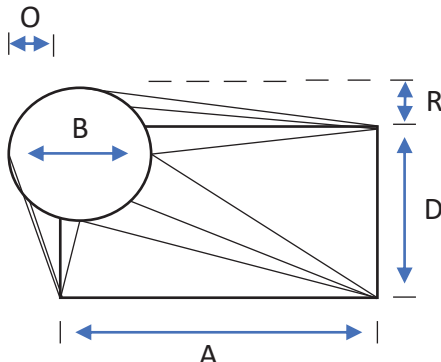
Square To Round
 Rise Down Measured
 From Bottom Side
 Center Line
 Product # STRDCLCOS

Square To Round Double Offset (Circle Outside Of Square)

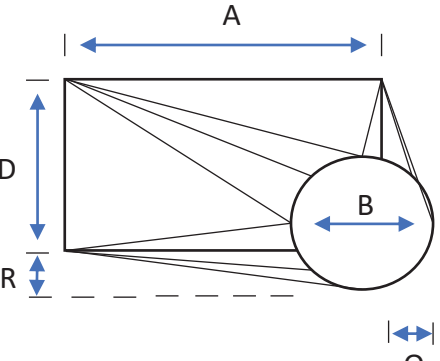
These Square To Rounds Are Double Offsets.
 With Circle Outside Of Square.
 The Only Thing Missing Is The Length/Height Of The Fitting.



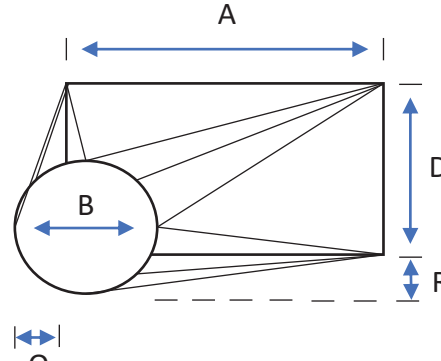
Square To Round
 Offset Measured From Right Side
 Rise Up Measure From Top
 Product # STRORRUCOS



Square To Round
 Offset Measured From Left Side
 Rise Up Measure From Top
 Product # STROLRUCOS

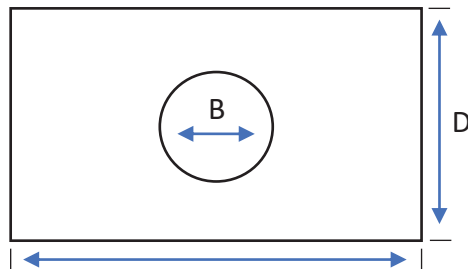
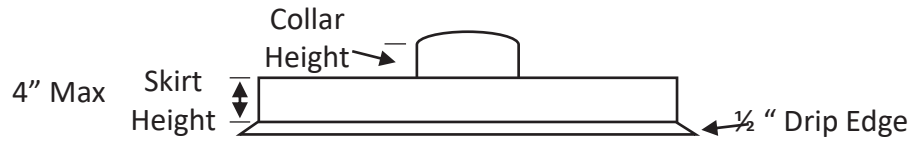


Square To Round
 Offset Measured From Right Side
 Rise Down Measure From Bottom
 Product # STRORRDCOS

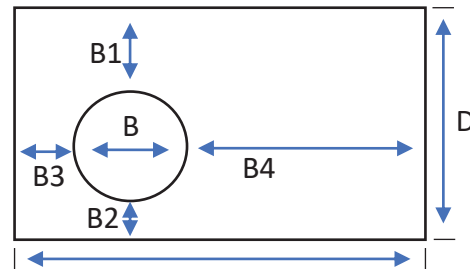


Square To Round
 Offset Measured From Left Side
 Rise Down Measure From Bottom
 Product # STROLRDCOS

Chimney Caps & Gooseneck

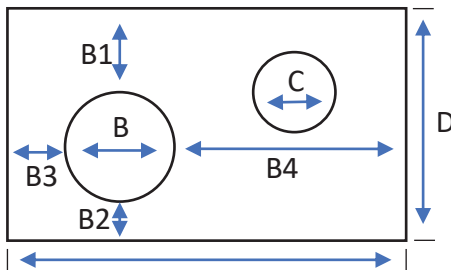


A
Chimney Cap Circle In Center
Product # CCCC

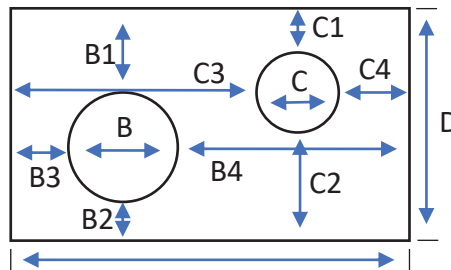


A
Chimney Cap Circle Off Center
Product # CCCOC

Two Hole Chimney Caps 3 Different Views For Less Confusion

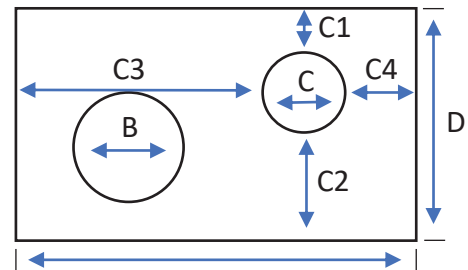


A

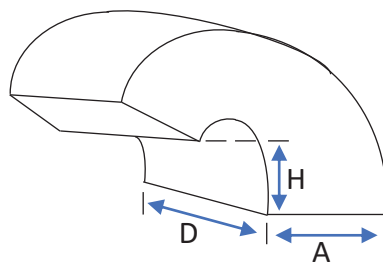


A

Chimney Cap w/Two Circles
Product # CC2C



A



Radius Gooseneck
A x D Both Ends
Product # RGAD

Terms & Conditions

Extreme Metal Works would like to take this moment and thank all of our valuable customers, for your consistent support and business.

All quotes given is valid for 30 days from date noted on proposal. Quotes do not include sales tax unless noted otherwise.

New/old customers without an open account terms has to be paid upon pick up. You are welcome to pay with cash, credit card or check. If a check bounces then you are reliable for any fees. All credit card sales will have a 3% processing fee. On any big orders there will 50% down. Remainder shall be paid upon pick up/delivery. Terms of payment are Net 30 Days, if you already have an account.

All products are made to custom order and are NON-RETURNABLE. Unless made wrong by Extreme Metal Works.
All Sales Are Final!!



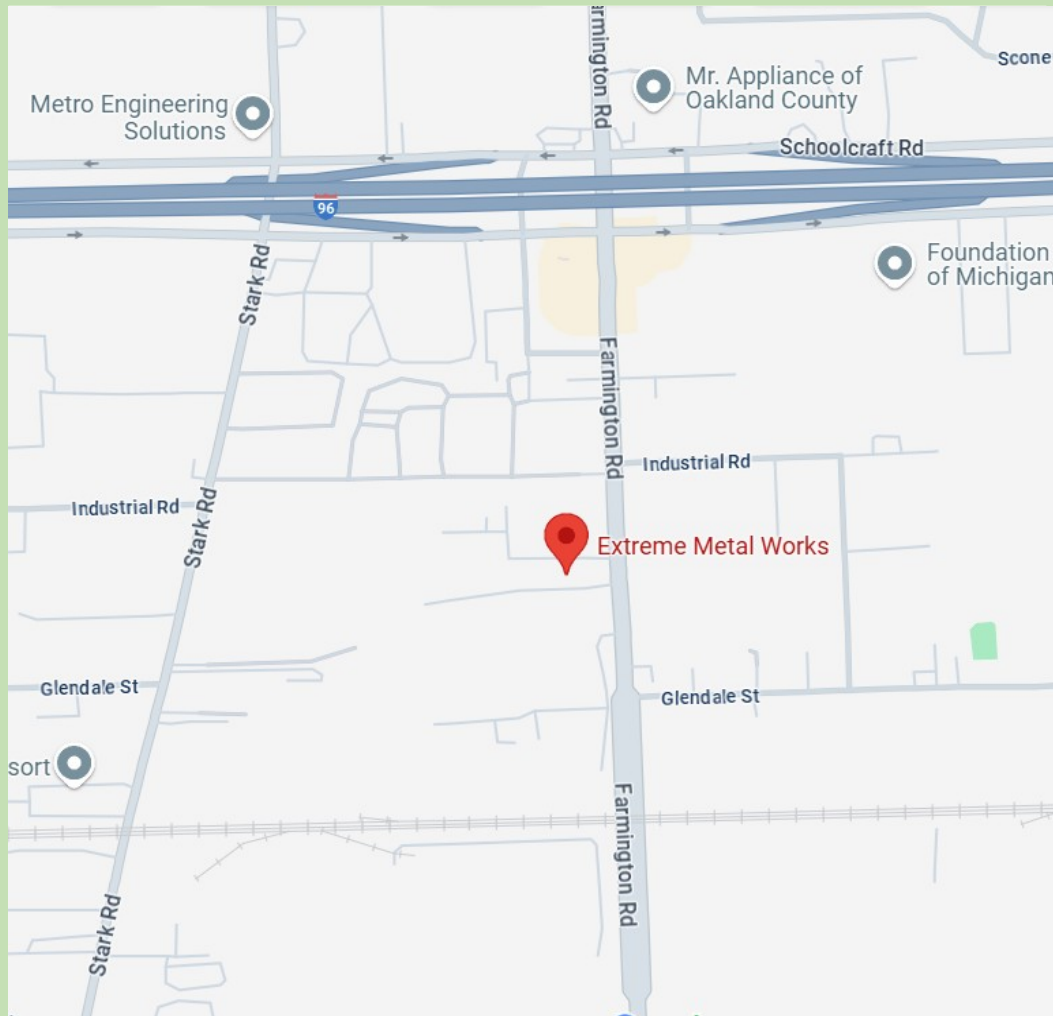
Miscellaneous

- | | | |
|------------------------|--------------------------------|-----------------------------|
| Blister Doors | Canvas(Residential/Commercial) | Code Complaint Filter Doors |
| Coil Doors | Coil Pans | Cold Air Grounds |
| Drives | End Caps | Filter Racks |
| L - Channel | Literature Racks | Patches w/Safety Edge |
| Picture Frame w/Screen | S - Channel | S-Cleats |
| Saddle Taps | Seamless Drain Pans | Smoke Detector Covers |
| Standing S-Cleats | Starter Collars | U - Channel |



EMW

Extreme Metal Works



12871 Farmington Rd., Livonia, MI 48150

(313) 406-5708

extrememetalworksllc@gmail.com

Thank You For All Of Your Support

Follow Us On



[@Facebook.com/xtrememetalworksllc/](https://www.facebook.com/xtrememetalworksllc/)

www.extrememetalworksllc.com