WELDED DUCTS

SASCO offers welded duct in **Mild Steel and Stainless Steel** for special application requirements.

MILD STEEL DUCTING

SASCO's Black Steel Ducts (MS Ducts) are fabricated from hot rolled or cold rolled black steel sheets with fully welded construction to achieve leak proofing. The high quality mild steel contains 0.16–0.29% carbon being neither brittle nor ductile. In kitchen exhaust MS ducts are largely used owing to its inherently fire resistant characteristic. The aesthetic of the duct is enhanced by applying three layer of Red Oxide paint.

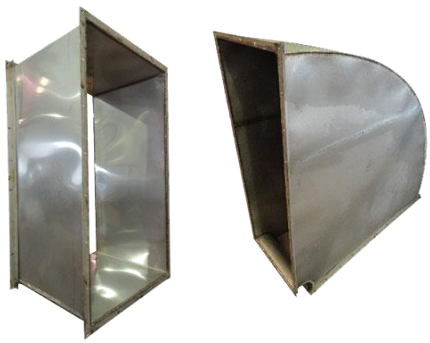




STAINLESS STEEL DUCTING

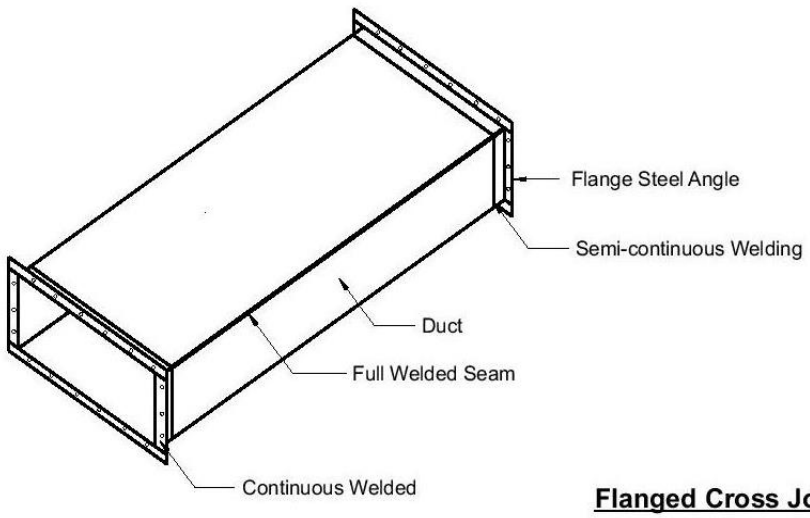
SASCO offers **Stainless Steel Duct in SS 304 & SS 316** with fully welded longitudinal and transverse joints. Use of stainless steel duct-work for any specialist application is recommended for its strength and rigidity which is similar to a galvanized iron duct. Its appearance though is much sleeker than the one in an aluminum duct it stands way out for its corrosion resistant characteristic. Stainless Steel ducts are mainly used for Kitchen exhaust in exposed to view areas and in the areas where Hygiene is the top priority and in highly corrosive environments.



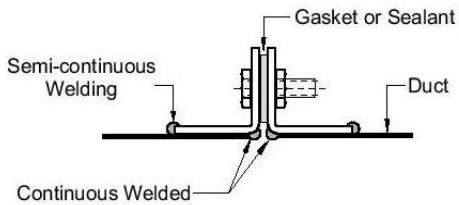


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Straight Ducts And Fittings With Flange Steel Angles



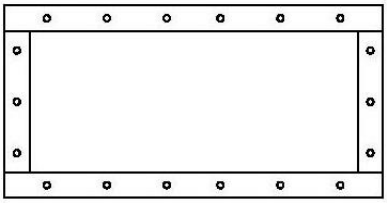
Flanged Cross Joint



Flange Steel Angles	
Dimensions	Bolts Diam.
25x25x3mm	8mm
30x30x3mm	8mm
40x40x4mm	8mm
50x50x5mm	10mm
60x60x6mm	12mm

Flange Steel Angle

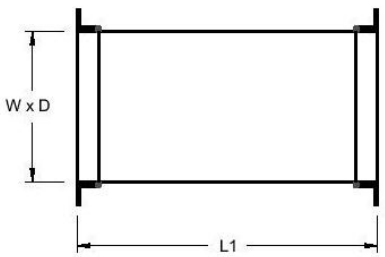
- Fixing Bolts at Each Corner Intermediately Centered at 150mm.



WELDED DUCTS

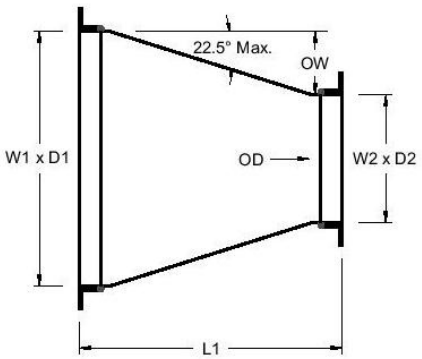
Dimensional Details

Straight
Standard Length 1220mm



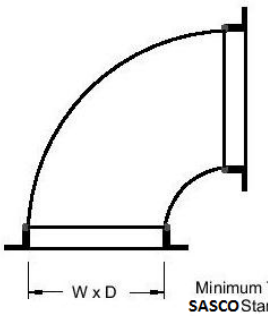
A

Taper



B

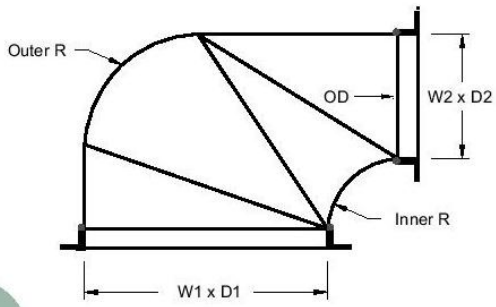
Radius Bend



Minimum Throat Radius = 100mm
SASCO Standard Throat Radius = 150mm

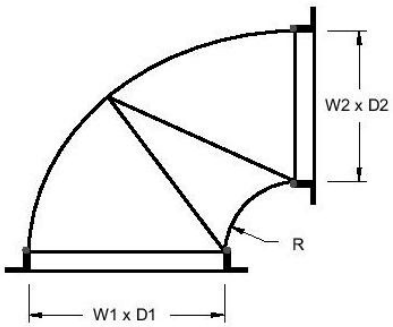
C

Master Bend



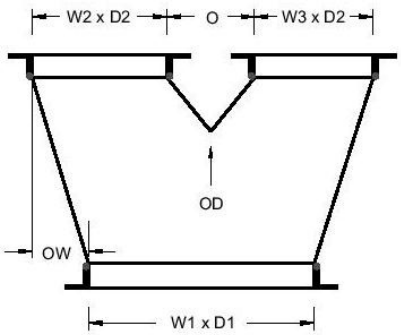
D

Drop Cheek Bend
Can be Applied to any Angle



E

Trousers Piece



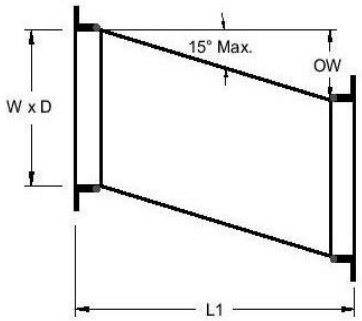
F

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Dimensional Details

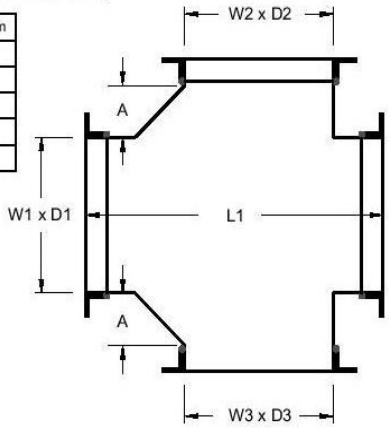
Angled Offset



G

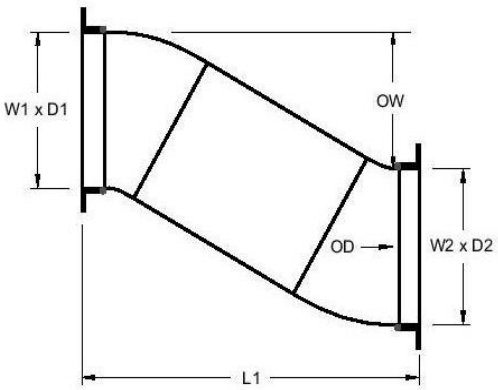
Straight + 2 Branches

Width (W) mm	Dim. (A) mm
Up to 200	75
,, 300	100
,, 400	125
,, 600	150
Over 600	200



H

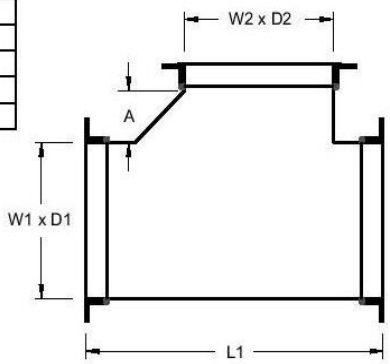
Radius 2-Way Offset



I

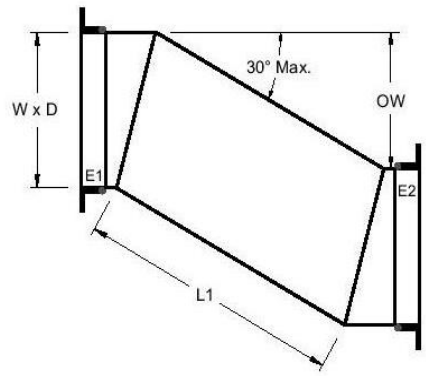
Straight + Branch

Width (W) mm	Dim. (A) mm
Up to 200	75
,, 300	100
,, 400	125
,, 600	150
Over 600	200



J

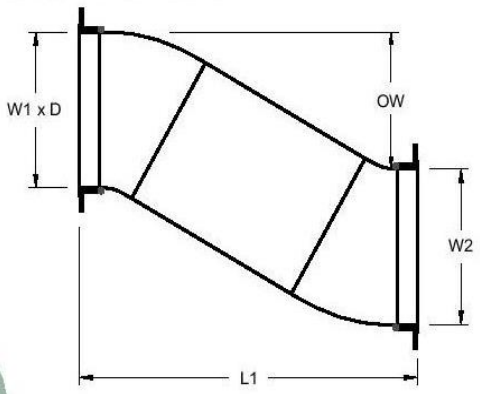
Mitered Offset



K

Radius Offset

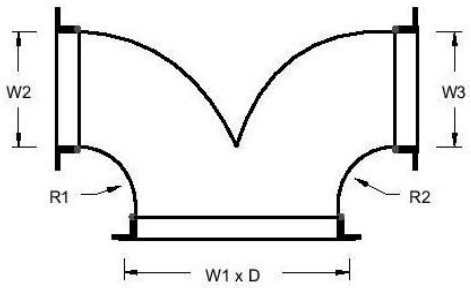
Minimum Throat Radius = 100mm



L

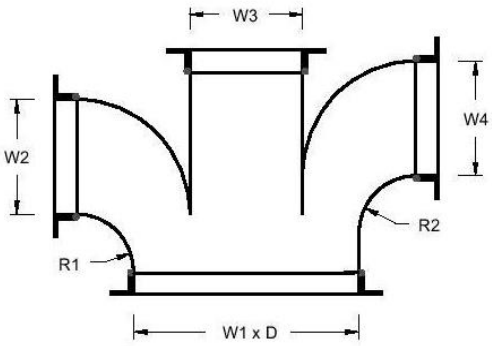
Dimensional Details

Breeches Piece



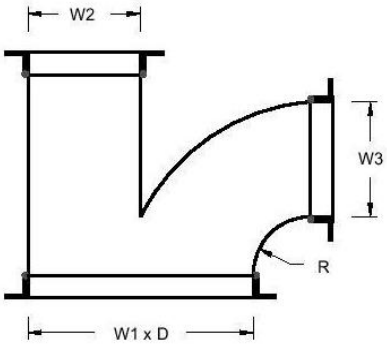
M

3-Way Tee



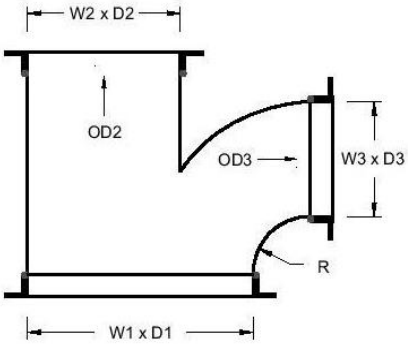
N

Side Branch



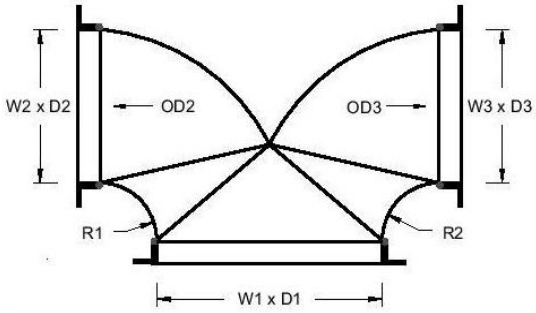
O

2-Way Breeches



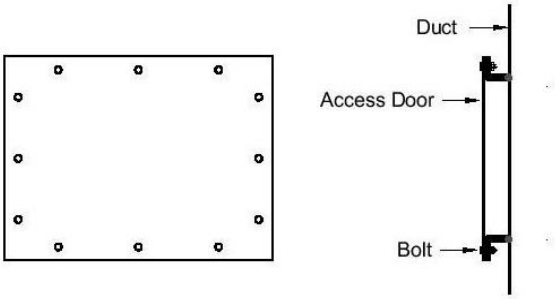
P

Drop Cheek Breeches Piece



Q

Access Door

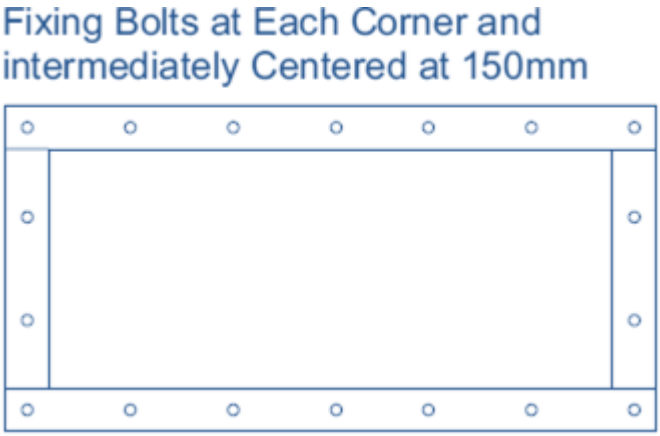


Ensure that Cleaning Doors are not on the Underside of the Ductwork.

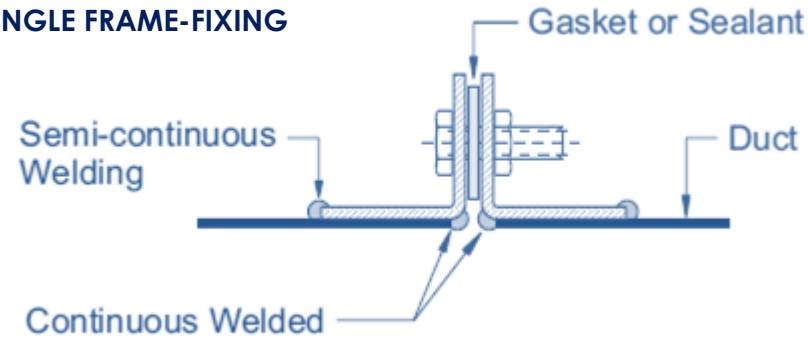
R

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STEEL ANGLE FRAME



STEEL ANGLE FRAME-FIXING

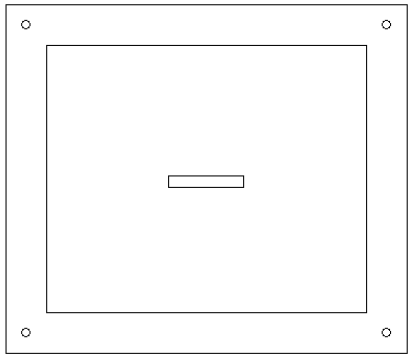


STEEL ANGLE FRAME –BOLT SIZE TABLE

Fixing Bolts		
Dimension	Bolts Dia	Hole Dia
25x25x3 mm	8 mm	10 mm
30x30x3 mm	8 Mm	10 mm
40x40x4 mm	10mm	12 mm
50x50x5 mm	10 mm	12 mm
60x60x6 mm	12 mm	14 mm

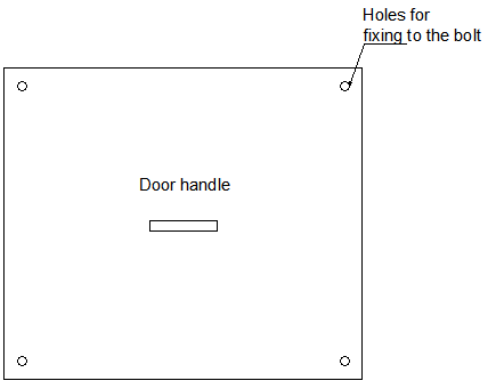
WELDED STEEL ACCESS DOORS

The specially designed access door for the grease duct consist of an internal frame with integral stud and the external body fixed to the threads by using wing nut or hexagonal Nut, thus allowing a smooth internal surface which prevents the accumulation of grease . High temperature resistant ceramic gasket is used between the frame and body for an air tight seal which is also Non toxic, non health hazardous and environmental friendly.



STANDARD CONSTRUCTION

Access door of 1.5 mm thickness external body with ceramic gasket and handle. Internal frame body with integral stud/bolt connection for fixing the door.

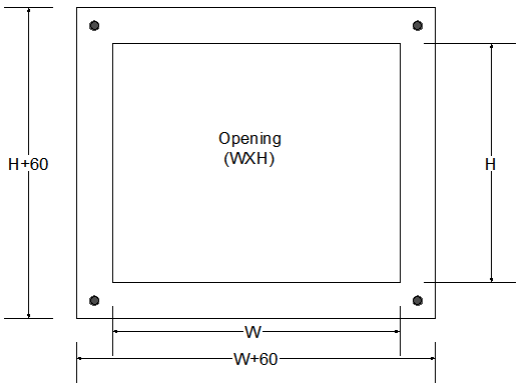


FEATURES

- Quick, easy installation wherever duct access is needed.
- Wing nut/hexagonal nut , assuring tight door closure.

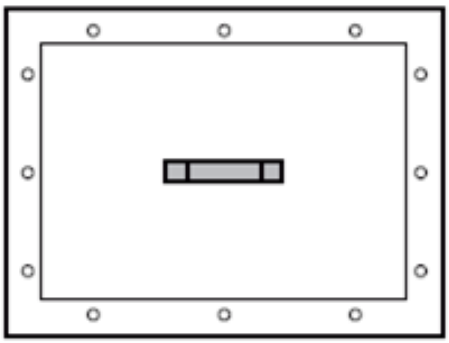
FINISH:
Same as the duct.

STANDARD SIZES		
150x150	300x300	400x400
200x200	350x250	450x300
250x200	350x350	500x500
250x250	400x300	600x600



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WELDED STEEL ACCESS DOORS



Underside of the Ductwork.

