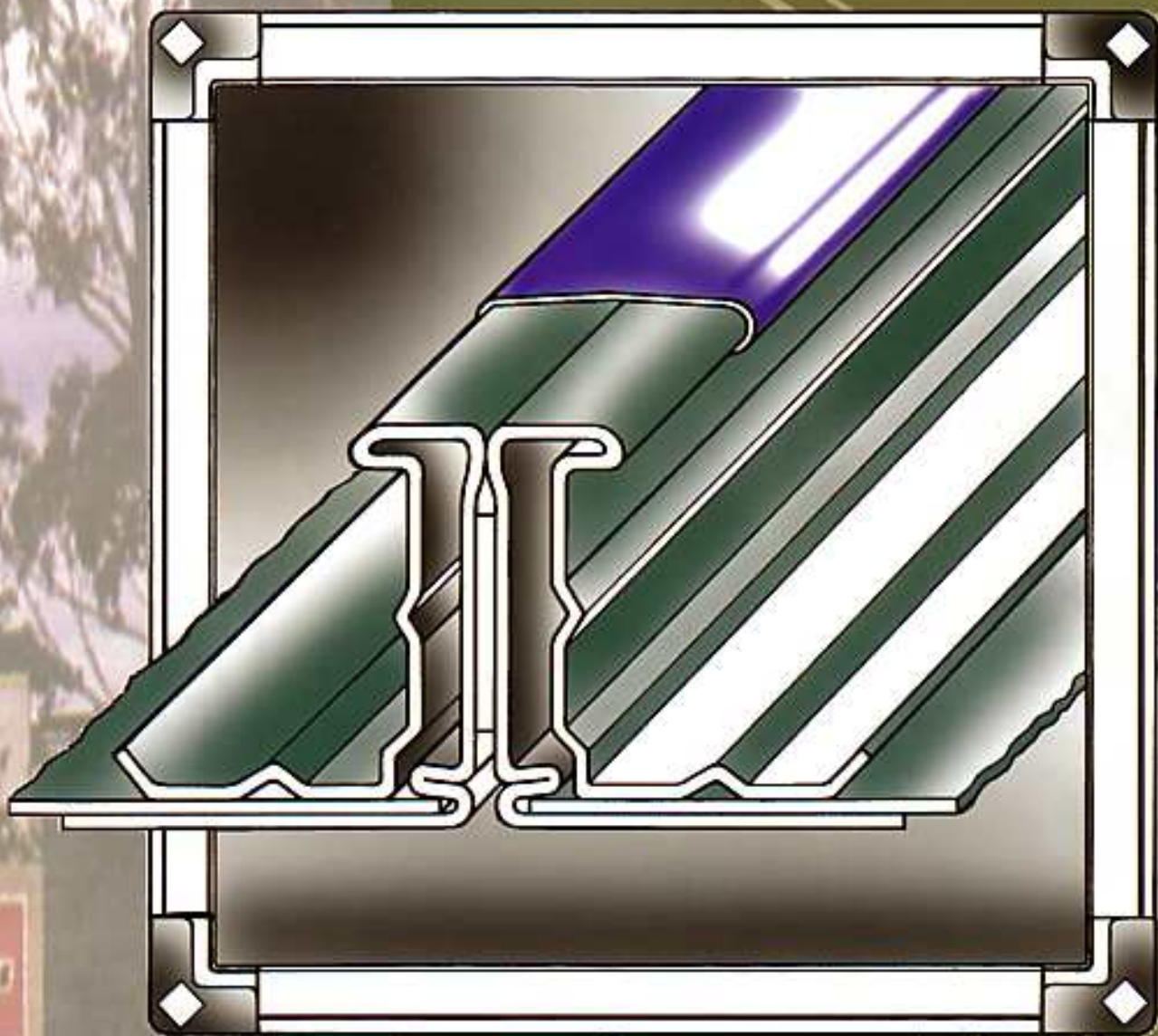




"FORMING THE FUTURE"

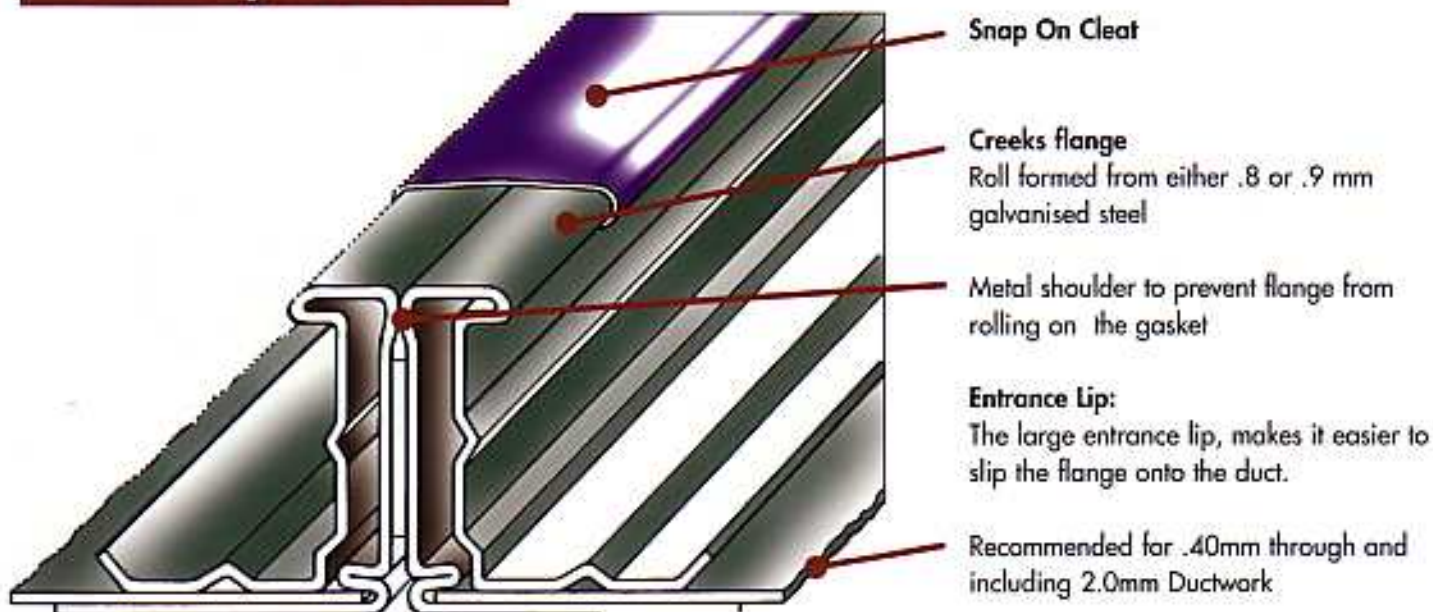
The Strength In Ductwork





Duct Flange

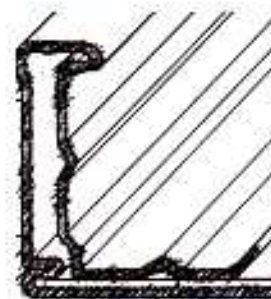
Assembly Details.



Step 1.

Flanges should be cut with a "circular saw" using a metal-tooth cutting blade to "chop" through the flange. This ensures a clean burr-free edge. An Abrasive blade should never be used, as it will leave a burr. In all cases cut the flange beginning at the spine column with the legs down. The flange should be cut 34mm shorter than its corresponding duct side dimension.

It is a good idea to shorten a metal ruler by the leading 34mm and lay it on the cutting table to expedite measuring.

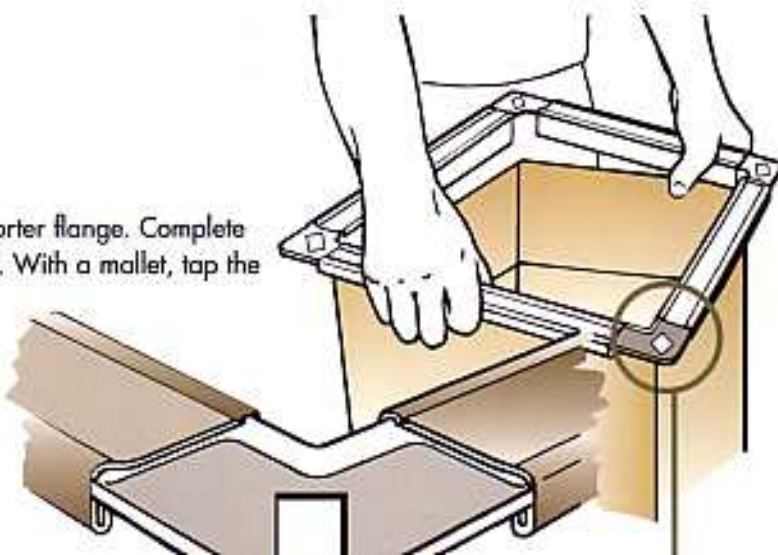


Step 2.

Frame Assembly

Insert the four corners into the closed legs of the shorter flange. Complete the rectangular frame by adding the longer flanges. With a mallet, tap the corners securely into the flange.

Starting at one corner, push the open leg of one of the flanges of the completed frame onto a corner edge of an assembled duct section. Moving around the edge in one direction, firmly press the frame onto all four sides of the duct section.



Step 3.

Frame Seating

IMPORTANT: When the frame is seated properly, the corners of the duct will be visible beyond the corners of the flange.

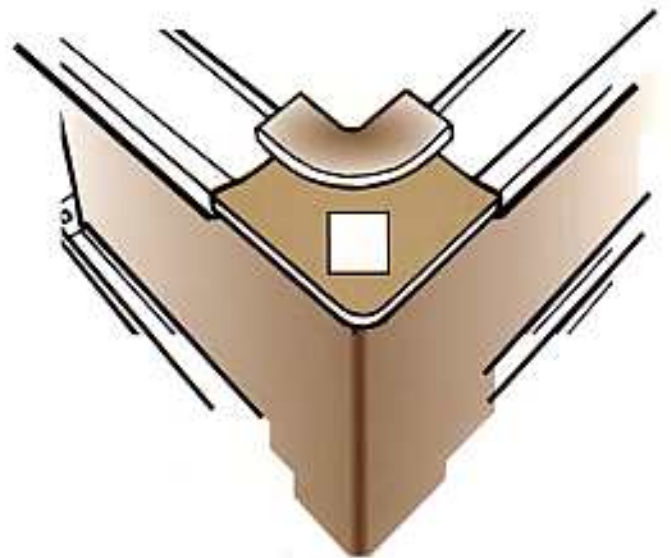


Step 4.

Fastening To Duct

Use Smacna recommended spacing for fastening the flange to the ductwork using either Hex Tek screws (10 x 16mm), spot welds or rivets. **NOTE:** Spot welding is recommended, especially on ductwork where the static pressure is above 750 Pascall and the leakage is specified to be less than 1%.

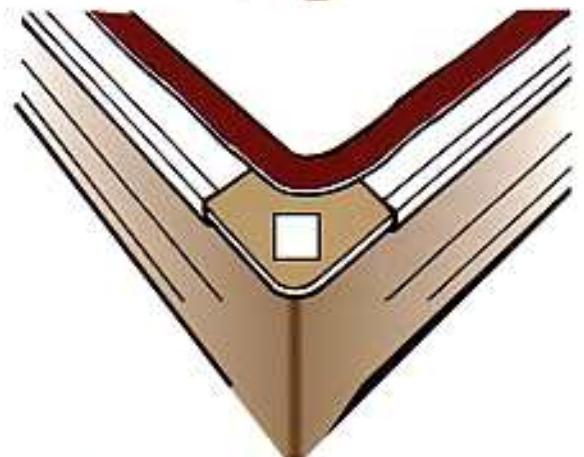
Start at a corner and fasten in one direction completely around the frame. Fasteners must be within 20mm of each end of the flange at the duct section corners.



Step 5.

Corner Application (Mating Frame)

Apply a 50mm to 80mm strip of gasket to each of the frames corners as illustrated.



Step 6.

Gasket Positioning (Matching frame)

Starting approximately in the middle of one side, place a single strip of gasket tape completely around the inside edge of the frame. At the corners the gasket must cover the exposed edge of the duct section and the gap between the duct wall and the corner.

Step 7.

Connecting Ductwork

Be certain to align the adjoining complete duct sections carefully prior to installation of nuts, bolts and cleats. When a nut and bolt cannot be used because of inaccessibility, drive a full-length cleat over the adjoining frames.

Duct Flange

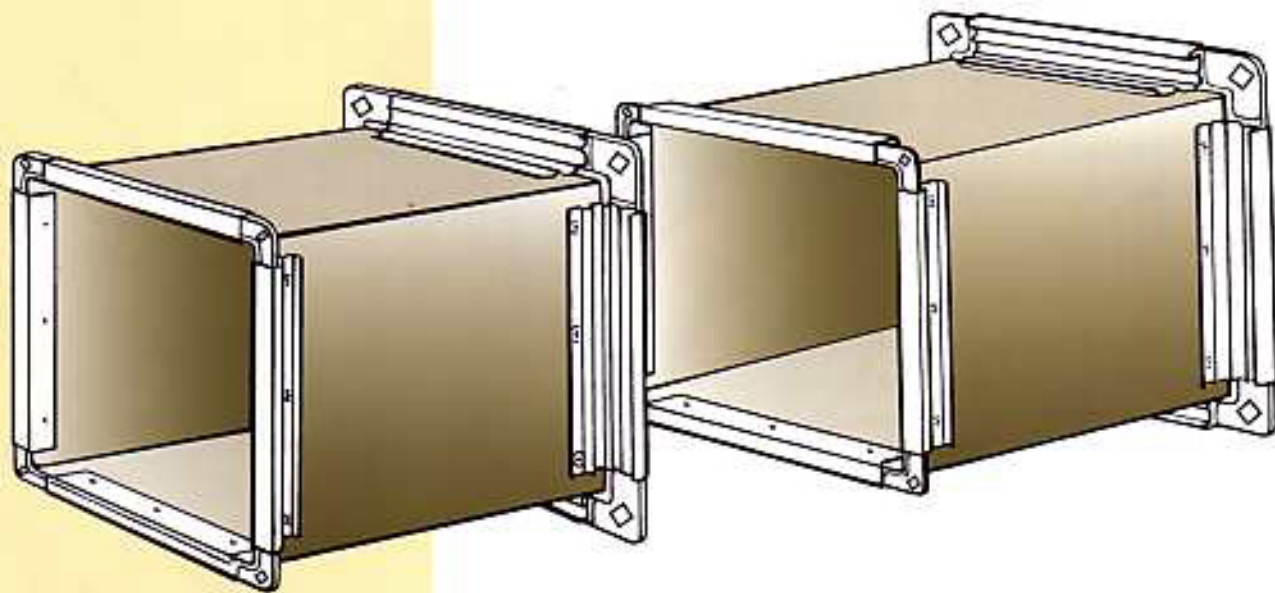
Made In Australia By
Creeks Metal Industries Pty Ltd



"FORMING THE FUTURE"

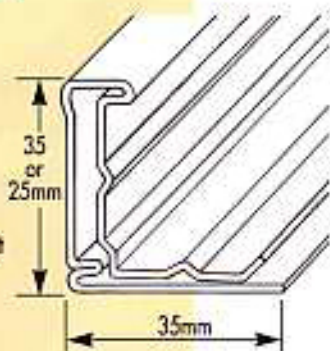
Duct Flange

is the innovative method of joining two sections of sheetmetal ductwork providing tight joints which result in minimal leakage and significant savings in operating costs.



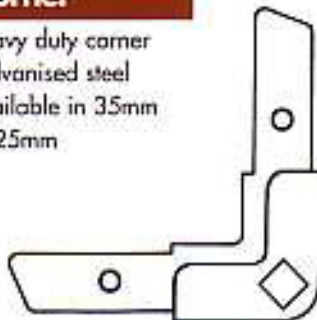
Flange

Rollformed from Galvanised Steel available as 35mm or 25mm Flanges. EXTRA strength Metal shoulder to prevent Flange from rolling onto the gasket



Corner

Heavy duty corner Galvanised steel Available in 35mm or 25mm



Metal Cleat

150mm "Snap On" Cleat Galvanised Steel

