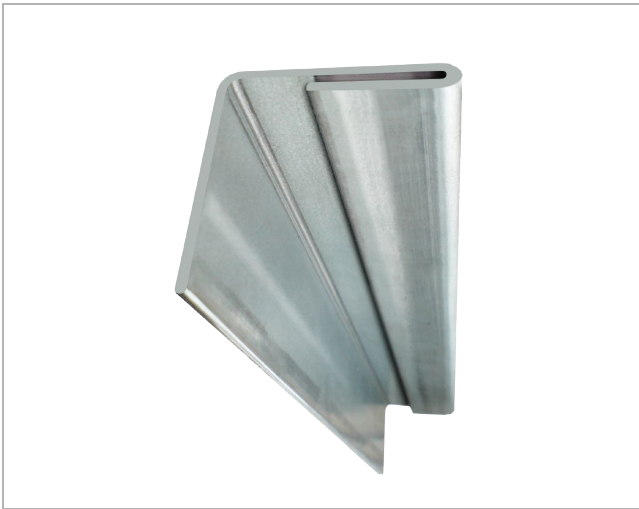


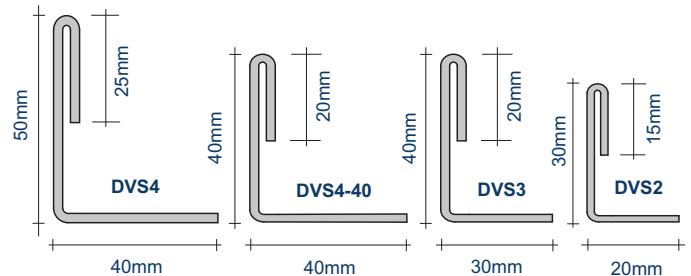


Stiffener

DVS



Dimensions



Description

Ductwork Stiffener is fitted to the outside of ductwork between the cross joints to strengthen and stiffen the ductwork whilst also reducing vibration. Unlike rolled steel angle, the stiffener provides a simple and economical method of stiffening ductwork, without the need for secondary protection.

Pre-drilled pilot holes ensure an easier and quicker fitting time by drilling stiffener and ductwork for fasteners in a single operation. Our 'S' Type Ductwork Stiffening is also more convenient as it can be fitted after the ductwork jointing system has been fitted.

Features

- No Secondary protection of the stiffener required.
- DVS4 capable of reaching S5 rating at medium pressure.
- Manufactured to comply with Fig.26 of B&ES specification DW/144 2013.
- Specifically designed EZP corner pieces.
- More convenient - Stiffener can be fitted after ductwork is completed.
- Pre-drilled pilot holes for easier fitting as standard.
- Stiffener frame can be made up using fasteners or spot welded together reducing time to assemble over using a welded RSA frame.
- Cost savings - By allowing the use of shorter fasteners than when using RSA.
- Fixing centres rolled into the stiffener during manufacture, reducing fitting time if pre-drilled pilot holes are not required.
- Easier and quicker fitting time by drilling stiffener and ductwork for fasteners in single operation.

Application

Ductwork Stiffener is fitted to the outside of ductwork between the cross joints to strengthen and stiffen the ductwork whilst also reducing vibration. Unlike rolled steel angle, the stiffener provides a simple and economical method of stiffening ductwork, without the need for secondary protection.

Pre-drilled pilot holes ensure an easier and quicker fitting time by drilling stiffener and ductwork for fasteners in a single operation. Our 'S' Type Ductwork Stiffening is also more convenient as it can be fitted after the ductwork jointing system has been fitted.



Stiffener

TSS

Dimensions

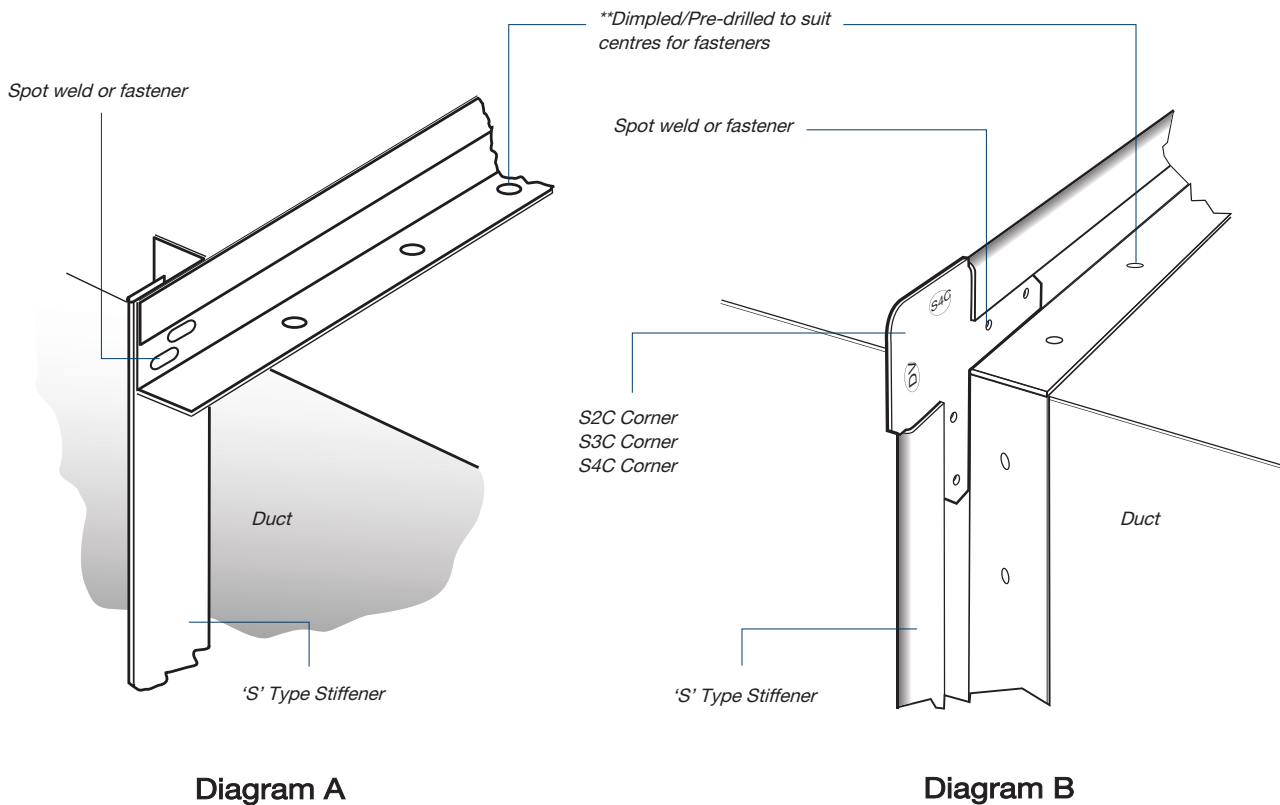


Diagram A

Selecting the most appropriate profile, cut the lengths based on the duct dimensions + twice the stiffener height. Position the length of stiffener at right angles to the duct, with equal overhang. Using the ****Dimpled centres/Pre-drilled holes** fix the profile to the duct with rivets or an alternative fixing method. Repeat the procedure on the opposite duct face using identical length stiffener. Position each of the remaining pieces back to back with the profiles already attached and then fix to the duct. In each frame corner spot weld or use another appropriate fastener to connect the four profiles together.

Diagram B

Cut the stiffener to external dimensions of the duct, then insert the corners to form three sides of the frame. Place around duct and insert the fourth side of the frame with the corners to complete the assembly. Using the ****Dimpled centres/Pre-drilled holes** fix the profile to the duct with rivets or an alternative fixing method.

****Stiffener profiles can be supplied with either Dimpled fixing centres or Pre-drilled pilot holes to suit individual fixing requirements.**