

## Turning Vane System

### Product Details & Specifications

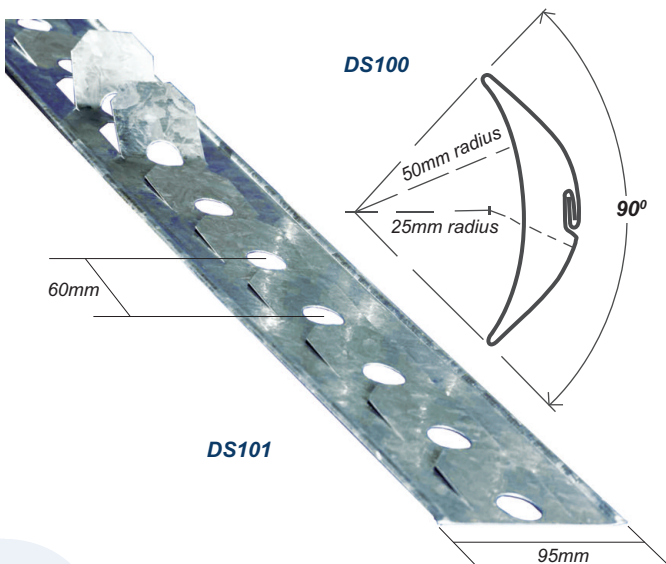
- Designed to provide economical air turns.
- Smooth external face thereby reducing friction loss and noise generation.
- Vane is roll formed from a single strip to alleviate problems of splitting.
- Continuous seam joint forms a rigid section, adding strength to the associated bend.
- 'Fastrac' fixing track is prepunched at 60mm centres to ensure constant spacing of vane.
- Unique 'Fastrac' fixing tool allows rapid assembly without the need for riveting or spot welding.



### Design Specification

Square bends shall be fitted with turning vanes, with a maximum spacing between the vanes of 60mm. They shall have an inner radius of 50mm and the maximum length of unsupported vane shall be 1250mm. The completed turning vane assembly shall be fitted into the duct by mechanically closed rivets or bolts.

### Dimensions



### Packing Details

Bundles of 30m or 300m, 3m standard length.

### Material Specification

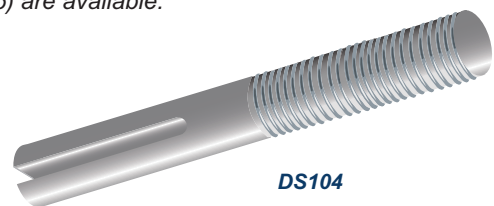
	gauge	weight
DS100	0.5mm	0.587/m
DS101	0.7mm	0.533/m

British Standard BS EN 10142:2000 Steel grade and coating specification BS EN 10346:2015 DX51D +Z275 MAC.

Aerofoil turning vane and fixing track can also be supplied, manufactured from type grade 316 stainless steel.

### Fixing Tool

DS104 fixing tool supplied individually, replacement tips (DS105) are available.



### Duct Aspect / Friction Factor Chart

