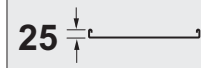


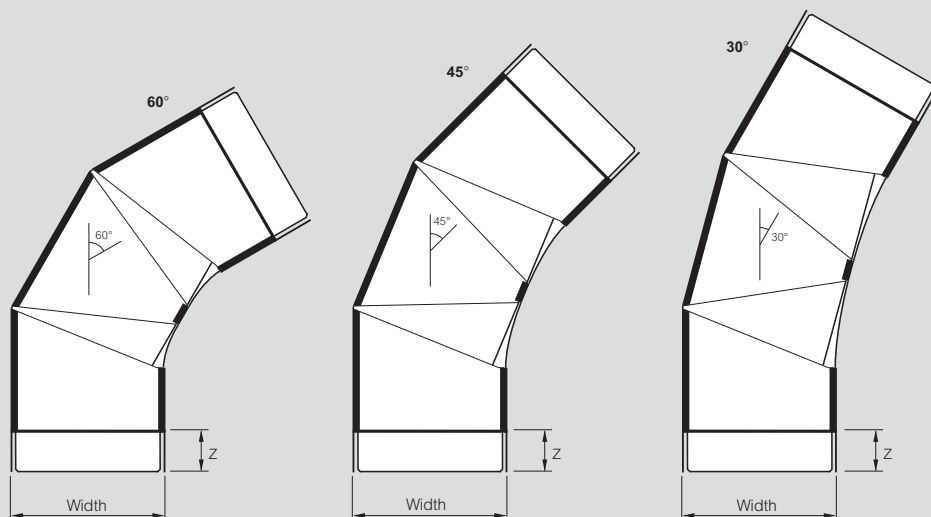
Swifts® MRF medium duty fittings

adjustable flat bends – 50 to 300 mm wide



■ Dimensions and weights

Cat. No. MRFAB **W F**



Cat. Nos.	Width	Z	Weight (kg)
MRFAB 50 F	50	55	0.3
MRFAB 75 F	75	55	0.5
MRFAB 100 F	100	55	0.6
MRFAB 150 F	150	55	1.0
MRFAB 225 F	225	55	1.9
MRFAB 300 F	300	55	3.0

For widths 450-900 mm use 60°, 45° and 30° flat bends, **p. 52-53**

For widths 300 mm and below use adjustable flat bends for all angles up to 90°. Fixed angle flat bends are also available, **p. 52-53**

Note

50 mm wide not available in D finish

Dimensions

Z = End extension of integral coupler

Weights

All weights given are in kilograms (kg) and are for hot dip galvanised G finish

To obtain the appropriate component weight in other finishes, multiply the given weight by the following factors :

Deep galvanised	(D)	x 1.06
Stainless steel	(S)	x 0.94
Pre-galvanised	(PG)	x 0.96
Powder coated	(E)	x 0.97

Key : Replace the letter shown in red with your choice from the following options :

F = Finish : **G** (hot dip galvanised after manufacture),
D (deep galvanised), **PG** (pre-galvanised steel),
S (stainless steel), **E** (powder coated black RAL 9005)

All dimensions (mm) are nominal

➔ **MRF flat bends : see p. 52-53**

Swifts® MRF medium duty fittings

adjustable flat bends – 50 to 300 mm wide (continued)

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■ Assembly

Adjusting bend to any angle between 30° and 90°

Adjustable flat bends can be adjusted to any angle between 30° and 90°, refer to the diagram opposite

Insert fasteners through both slots **X** in the outer sections of the bend and the associated slots **Z** in the centre section of the bed. Adjust the bendable sections equally until the required angle is formed

Setting bend to specific angles

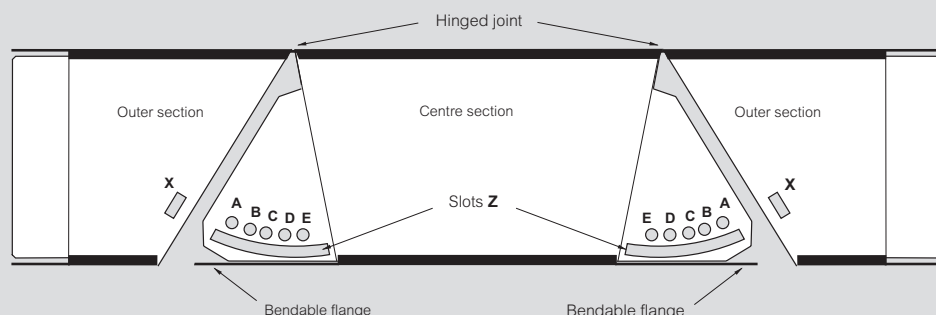
Adjustable flat bends can be set to specific fixed angles or they can be adjusted to any angle between 30° and 90° in increments of 7.5°

Note

When setting the adjustable flat bend to the required angle, ensure that the bendable inner flanges on the centre section engage in the return flanges on the outer sections

Angle (°)	Fastener holes
30	A + A
37.5	A + B
45	B + B
52.5	B + C
60	C + C
67.5	C + D
75	D + D
82.5	D + E
90	E + E

Refer to the table and the diagram below
Insert fasteners through both slots **X** in the outer sections of the bend and the appropriate holes (**A** to **E**) in the centre section of the bed
(2 x M6 fasteners included)



■ Assembly (continued)

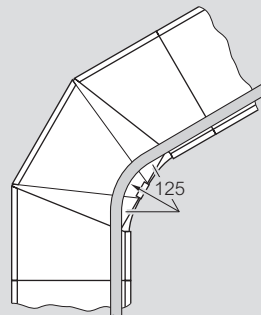
Fastener finishes

For adjustable flat bends with G, D and PG finishes, fasteners are galvanised or zinc plated

For adjustable flat bends with S finish, fasteners are stainless steel

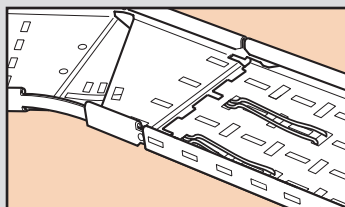
For adjustable flat bends with E finish, the choice of material for fasteners will depend on the installation environment. For further information, contact us on +44 (0) 345 605 4333

Minimum bend radius for cables



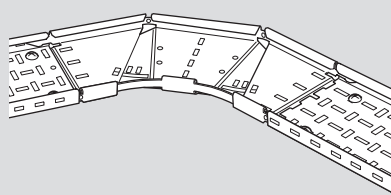
For details on how to set adjustable flat bends to angles, see below and opposite

■ Assembly using Swiftclip – adjustable flat bends



For fast fit connections of fittings and lengths (up to 300 mm wide) use Swiftclip, see p. 50

■ Assembly using fasteners – adjustable flat bends



Adjustable flat bend to straight length coupling

Adjustable flat bends have integral couplers which fit into straight lengths whether they have been cut to length or not, without the need for further drilling

Each adjustable flat bend to length joint is secured with M6 x 12 bolts (roofing or pan head), nuts and washers or quick bolt fasteners (Cat. No. QBF), see p. 50. Fasteners are not included

Minimum number of fasteners per joint :

Widths up to 225 = 2
Width 300 = 3

Key : Replace the letter shown in red with your choice from the following options :

F = Finish : **G** (hot dip galvanised after manufacture),
D (deep galvanised), **PG** (pre-galvanised steel),
S (stainless steel), **E** (powder coated black RAL 9005)

All dimensions (mm) are nominal

➔ MRF flat bends : see p. 52-53