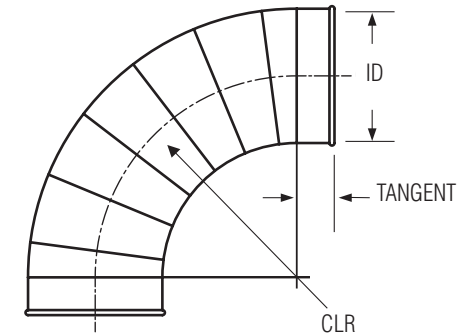
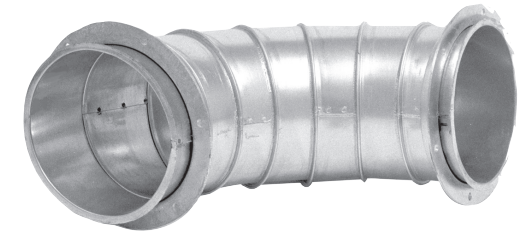


# Flanged Segmented Bends

Ø mm	O/D mm	I/D mm	Bend Degrees Available	CLR (Center Line Radius)	Tangents mm	Galvanised Steel	30°	45°	60°	90°
							Weight kg			
200	200	199	30° 45° 60° 90°	300	50	0.7	2.5	2.9	3.3	4.2
224	224	223		336			2.8	3.3	3.8	4.9
250	250	249		375			3.3	3.9	4.5	5.8
280	280	279		420			4.1	4.8	5.5	6.8
315	313	312		472.5			5.6	6.5	7.5	9.5
350	352	351		525			4.7	5.7	6.7	8.6
400	402	400		600			5.6	6.8	8.0	10.5
450	452	450		675			6.6	8.2	9.7	12.8
500	502	500		750			7.8	9.7	11.7	15.5
560	562	560		840			10.7	13.8	17.0	23.3
630	632	630	945	12.8	16.8	20.8	28.7			
710	712	710	1065	15.7	20.9	26.0	36.4			
800	802	800	1200	20.0	25.8	30.9	43.3			
900	902	900	1350	24.0	31.3	31.6	53.5			
1000	1002	1000	1500	29.7	39.3	38.7	67.9			
						0.9				



R = 1.5 x diameter to centreline  
Custom radiuses available. Short radius bends are 1.0 x diameter to centreline

**Construction:**

300 mm and larger bends shown here are segmented construction with a lock form standing seam every 15°. These bends are produced as follows:

Degree of angle	Number of segments
30°	(2) 15° + (2) tangents
45°	(3) 15° + (2) tangents
60°	(4) 15° + (2) tangents
90°	(6) 15° + (2) tangents

**Longitudinal seam type:** groove (lockform) seam  
**Ends:** Flanged Ends can be changed to QF, Raw ID (RI), Raw OD (RO), RawFlex / Hose (RF).

Temperature Rating of Product Components		
° C	AFL Segmented Bend	Sealants
200°	Galvanised Steel	3M Metal Sealant 2084
121°		
-20°		

Additional Notes
At temperatures ranging between 200° C and 250° C, the zinc-iron alloy layers in galvanised steel will continue to provide a high level of protection from corrosion. However, there may be some peeling, changes in mechanical properties, and reduction in the corrosion protection. Recommended max. service temperature is 200° C.

Compliance / Rating of Product Components		
Product	Material	Compliance / Rating
Flanged Segmented Bend	Galvanised steel	JIS G 3302 with G90 Rating
3M Metal Sealant 2084	Acetone blend	AAMA Specification 801.1