

TECHNICAL DATA SHEET: QUICK-FIT (QF) BRANCHES

Quick-Fit (QF) Branches: Standard / Double / Cut-In / T / Y

Ø A mm	Ø B mm	Ø C mm	Ø D mm	Rolled Edge (nom.mm)	Steel Thickness mm	Standard Branch Weight* kg	Double Branch Weight* kg	Cut-In Branch Weight* kg	T-Branch Weight* kg	Y-Branch Weight* kg
080	080	080	080	6	0,7	0,8	1,0	0,6	0,8	0,4
100	100	100	100	6	0,7	1,2	1,6	0,8	1,1	0,6
125	125	125	125	6	0,7	1,6	2,1	1,2	1,2	0,8
140	140	140	140	6	0,7	1,8	2,3	1,3	1,6	0,9
150	150	150	150	6	0,7	2,0	2,6	1,5	1,8	1,0
160	160	160	160	6	0,7	2,2	2,9	1,7	2,0	1,1
180	180	180	180	8	0,7	2,5	3,3	2,0	2,2	1,3
200	200	200	200	8	0,7	3,5	4,6	2,5	2,6	1,8
224	224	224	224	8	0,7	4,3	5,6	2,6	3,0	2,2
250	250	250	250	8	0,7	5,0	6,5	3,4	3,3	2,5
300	300	300	300	10	0,7	5,5	7,2	4,4	4,2	2,8
315	315	315	315	10	0,7	5,9	7,7	5,0	4,8	2,9
350	350	350	350	10	0,7	7,5	9,8	5,8	4,2	3,8
400	400	400	400	10	0,9	8,5	11,1	7,1	4,6	4,3
450	450	450	450	10	0,9	11,0	15,4	9,0	5,2	5,5
500	500	500	500	10	0,9	12,2	17,1	11,3	5,8	6,1
560	560	560	560	10	0,9	15,8	20,7	15,0	6,4	7,8
630	630	630	630	10	0,9	26,0	28,7	17,2	7,5	9,5
710	710	710	710	10	0,9	38,0	38,5	19,1	9,6	13,0

Construction:

Seam: Longitudinal seam is lapped, spot welded, and caulked.

Collars: Located on the exterior side of each port and considered as air flow non-directional. Collars have lapped, spot welded and caulked longitudinal seam.

If air flow directional product is required, it must be stated on the PO and additional cost may be incurred. A raised lap seam and **spot weld are used for attaching the collar to the body and no caulking is used. If caulking is required, order QFS Branches.**

Ends: Standard QF end can be changed to Raw ID (I/D), Raw OD (O/D), Hose Adapter (FX), Flat Bar Flange (FL), or 6 mm turned out edge (FB).

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 +80°C. 316 Stainless Steel available upon request.

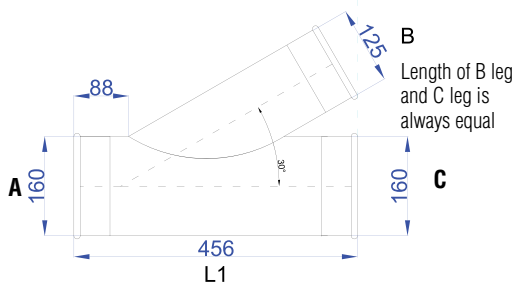
*Weight varies depending on combination of A-B-C-D diameters.



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Standard branch angle is 30°. Optional 45° available.



$$L = (B \times 2) + 206$$

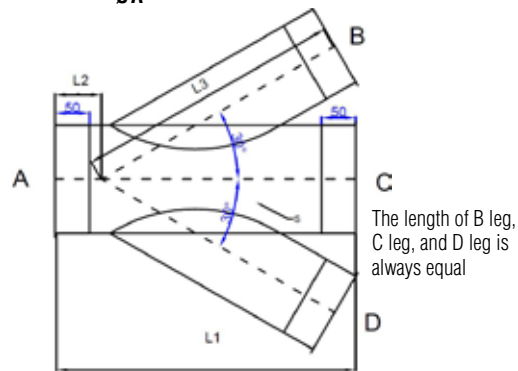
Example $L = (125 \times 2) + 206 = 456$

ØC must be smaller than or equal to ØA

ØB must be smaller than or equal to ØC



Double Branch angle is 30°. Optional 45° available.



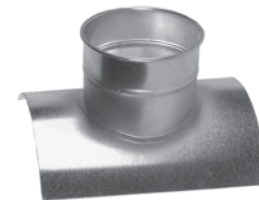
$$L = (B \times 2) + 206$$

Example $L = (125 \times 2) + 206 = 456$

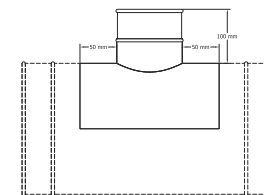
ØC must be smaller than or equal to ØA

ØB must be smaller than or equal to ØC

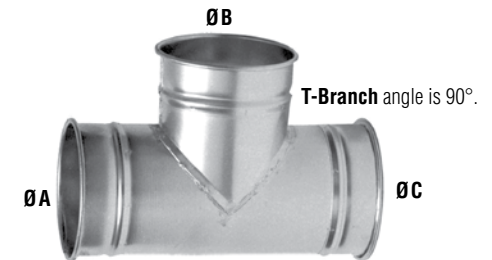
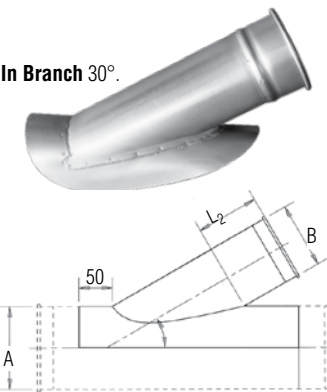
ØD must be smaller than or equal to ØC



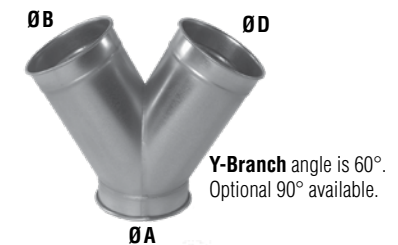
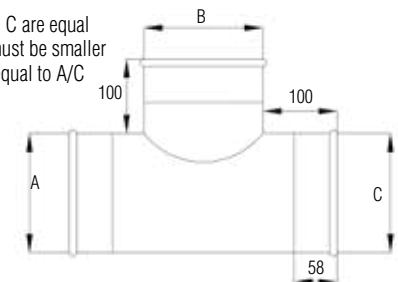
Cut-In Branch 90°.



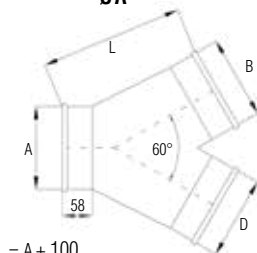
Cut-In Branch 30°.



A & C are equal
B must be smaller
or equal to A/C



Y-Branch angle is 60°. Optional 90° available.



$$L = A + 100$$

B and D must be smaller than or equal to A

Compliance / Rating of Product Components

Product	Material	Compliance / Rating
Quick-Fit (QF) Branches	Galvanised 304 / 316 Stainless Steel	DX51D with Z275 Coating EN.1.4301/TP.304
Joka Seal Metal Sealant 2315	Aceton Blend	AAMA Specification 801.1

Temperature Rating of Product Components

	Quick-Fit (QF) Branches		Sealant
593°C	Galvanised Steel	304 / 316 Stainless Steel	Joka Seal Metal Sealant 2315
200°C			
121°C			
-20°C			