

30° straight branch pieces, stainless steel

Diameter: ø80 - ø400 mm.

Branch pieces are made of 0.80 mm sheet metal.

When assembled with loose flanges, [f.b.m.fl], L1 is extended by 2 x 50 mm.

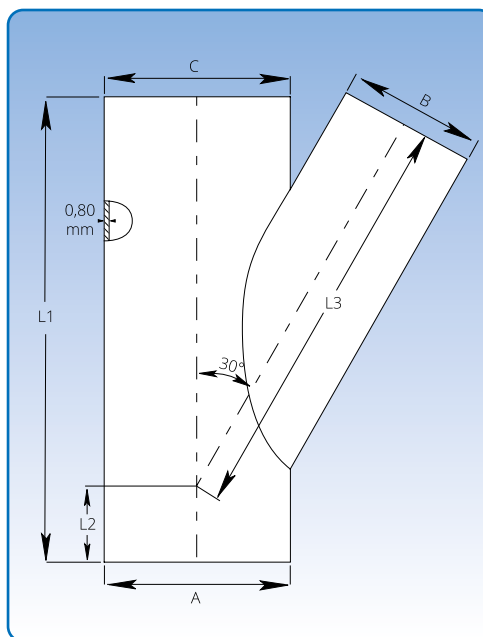
State A-, B- and C dimensions when ordering.

Options are limited by $A = C \geq B$.

$A = C$ must be max. 1000 mm.

The branch determines the length of L1.

Branch pieces can only be fitted to straight ducts with the branch placed centrally.



Calculation of L2 og L3:

L1 = see table

$$L2 = \frac{1}{2} \times \left(L1 - \frac{A}{\tan \alpha} \right)$$

$$L3 = \frac{L1 - L2}{\cos \alpha} - \left(\frac{B}{2} \times \tan \alpha \right)$$

Example:

A = 350, B = 300, C = 350

L1 = 750 mm

$$L2 = 0,5 \times \left(750 - \frac{350}{\tan 29,6^\circ} \right) = 375 - 308,06$$

L2 = 66,94 p 67 mm

$$L3 = \frac{750 - 67}{\cos 29,6^\circ} - \left(\frac{300}{2} \times \tan 29,6^\circ \right) = 785,51 - 85,21$$

L3 = 700,30 p 700 mm

Dimensions						
A=C mm	B mm	L1 mm	L2 mm	L3 mm	α°C	
Choose	80	350	Calculated	Calculated	28,0	
	100	350			28,8	
	120	350			28,8	
	125	400			29,0	
	140	450			29,1	
	150	450			29,2	
	160	450			29,2	
	180	550			29,3	
	200	550			29,3	
	225	600			29,4	
	250	750			29,5	
	275	750			29,6	
	300	750			29,6	
	315	850			29,6	
	350	950			29,6	
	400	1050			29,7	
	450	1250			29,7	
	500	1250			29,7	
	550	1450			29,8	
	600	1450			29,8	
630	1650	29,8				
650	1650	29,8				
700	1650	29,8				
750	1850	29,9				
800	1850	29,9				
850	2050	29,9				
900	2050	29,9				