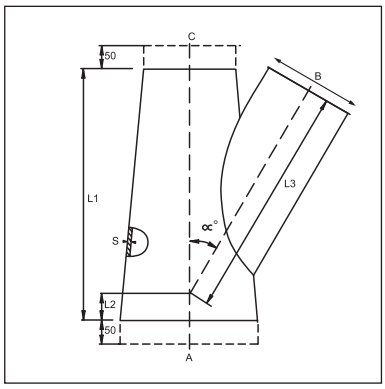
30° Conical Branch Pieces

Code BPC30



Dimensional specifications are given in the table below

Dimensional Specifications

A mm	B mm	C mm	L1 mm	L2 mm	L3 mm	∝°	S mm
Choose (100 - 1000)	80	Choose (100 - 1000)	350	Calculated	Calculated	28.0	0.90
	100		350			28.8	0.90
	120		350			28.8	0.90
	125		400			29.0	0.90
	140		450			29.1	0.90
	150		450			29.2	0.90
	160		450			29.2	0.90
	180		550			29.3	0.90
	200		550			29.3	0.90
	225		600			29.4	0.90
	250		750			29.5	0.90
	275		750			29.6	0.90
	300		750			29.6	0.90
	315		850			29.6	0.90
	350		950			29.6	0.90
	400		1050			29.7	0.90
	450		1250			29.7	0.90
	500		1250			29.7	0.90
	550		1250			29.8	0.90
	600		1450			29.8	0.90
	630		1650			29.8	0.90
	650		1650			29.8	0.90
	700		1650			29.8	0.90
	750		1850			29.9	0.90
	800		1850			29.9	0.90
	850		2050			29.9	0.90
	900		2050			29.9	0.90

Material
0.9mm galvanised steel

Sizes
Common sizes are a stock item
Special requirements are Manufactured to order

Dimensions
Refer to table – customer to specify A, B, & C

Please note the Branch 'B' determines L1, as in the table below

The maximum diameter reduction between A & C is 200mm. B must however, not be larger then or equal to (A + C)/2

In the case of double branch pieces, the largest branch determines Length L1

Calculations
L1 = See table
L2 = (L1/2) - ((A+C) / (4 tg ∝))
L3 = ((L1-L2) / cos ∝ °))
- ((B/2) x tg ∝ °)

Example
A=650, B=500, C=450
L1 = 1250mm
L2 = (1250/2) – ((650+450)/(4 x tg 29.7)) = 625 – 482.13
L2 = 182.87 ~ 183mm
L3 = ((1250-183)/cos 29.7) – ((500/2) x tg 29.7) = 1228.37 – 142.60
L3 = 1085.77 ~ 1086mm

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