

PIPE MITER CUTTING FORMULA

$$\frac{CF \times \text{CUT DEGREE}}{360^\circ \times \text{No. of Cut} \times 2}$$

$$\frac{527.85 \times 90^\circ}{360^\circ \times 3 \times 2}$$

$$\frac{47506.5}{2160} = 21.99 \text{ mm Cutback}$$

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$$\text{Middle piece Length} = 21.99 \times 4 = 87.96 \text{ mm}$$

$$\text{Side piece Length} = 87.96 / 2 = 43.98 \text{ mm}$$

NOTE:

$$OD = 168 \text{ mm}$$

$$CF = OD \times \pi$$

$$CF = 168 \times 3.142$$

$$CF = 527.85 \text{ mm}$$

$$\text{Center Line Distance} \\ 527.85 / 8 = 65 \text{ mm}$$

