

10" × 6" ECCENTRIC REDUCER FORMULA

$$10" \text{ OD} = 273.05$$

$$\text{CF} = 273.05 \times 3.142 = 857.65 \text{ mm}$$

$$6" \text{ OD} = 168.27 \text{ mm}$$

$$\text{CF} = 168.27 \times 3.142 = 528.63 \text{ mm}$$

$$\text{FORMULA: } 1 + 2 + 3 + 4 + 5 + 5 + 4 + 3 + 2 + 1 = 30$$

$$(\text{Big CF} - \text{Small CF}) \div \text{Total Addition}$$

$$(857.65 - 528.63) \div 30$$

$$329.02 \div 30 = 10.96 \text{ mm}$$

Now,

$$10.96 \times 1 = 10.96 \text{ mm}$$

$$10.96 \times 2 = 21.92 \text{ mm}$$

$$10.96 \times 3 = 32.88 \text{ mm}$$

$$10.96 \times 4 = 43.84 \text{ mm}$$

$$10.96 \times 5 = 54.8 \text{ mm}$$

$$857.65 \div 12 = 71.47 \text{ mm}$$
$$528.63 \div 12 = 44.05 \text{ mm}$$
