

Flächenberechnung Aufgabe 131

$$\text{Winkel } M_1MA = \frac{\alpha}{2} :$$

$$\frac{\alpha}{2} = 90^\circ - 39^\circ = 51^\circ$$

$$\alpha = 2 * 51^\circ = \mathbf{102^\circ}$$

$$b_1 = \frac{2 * \pi * 52 \text{ mm} * 102^\circ}{360^\circ}$$

$$\mathbf{b_1 = 92,6 \text{ mm}}$$

$$b_2 = \frac{2 * \pi * 64 \text{ mm} * 102^\circ}{360^\circ}$$

$$\mathbf{b_2 = 114 \text{ mm}}$$

