

Formula for balance weight compensation
(All measurements in centimeters)

$$\frac{\emptyset^2 \times \sqrt{\text{Wheel Width}}}{\sqrt{15}} = \text{g} \cdot \text{cm}$$

cm (centimeters) = inches ÷ 0.3970

∅ = Grinding wheel diameter (centimeters)

g = grams

Example:

Wheel diameter = 50.4 cm (20")

Wheel width = 10 cm (4")

50.4² = 2540.16

Square root 10 = 3.17

Square root of 15 = 3.87

(2,540.16 x 3.17) ÷ 3.87 = 2,080 g • cm (balancing head wt.)