Calculating ring blank length

To determine the length of a metal blank needed to make a ring, you need to know the inside diameter of the desired ring size, the gauge (thickness of the metal), and the width of the metal.

For bands up to 4 mm wide, and between 24 gauge (0.5 mm) and 12 gauge (2.1 mm), you can use the following formula to calculate the ring blank length:

\[
\text{Ring blank length (mm)} = \text{inside diameter (mm)} + \text{metal thickness (mm)} \times 3.14
\]

For bands wider than 4 mm, add 0.5 mm to the length of the blank.