Segment Geometry - 12 Segments

A = 30 degrees (360 degrees / 12 segments)
B = 20 degrees (2/3 of 30 degrees)
C = Tangent (20 degrees / 2) X diameter *

Note: Angel B divided by 2 is used to set your
        miter guage for cutting segments
        20° / 2 = 10° for 12 segment turning
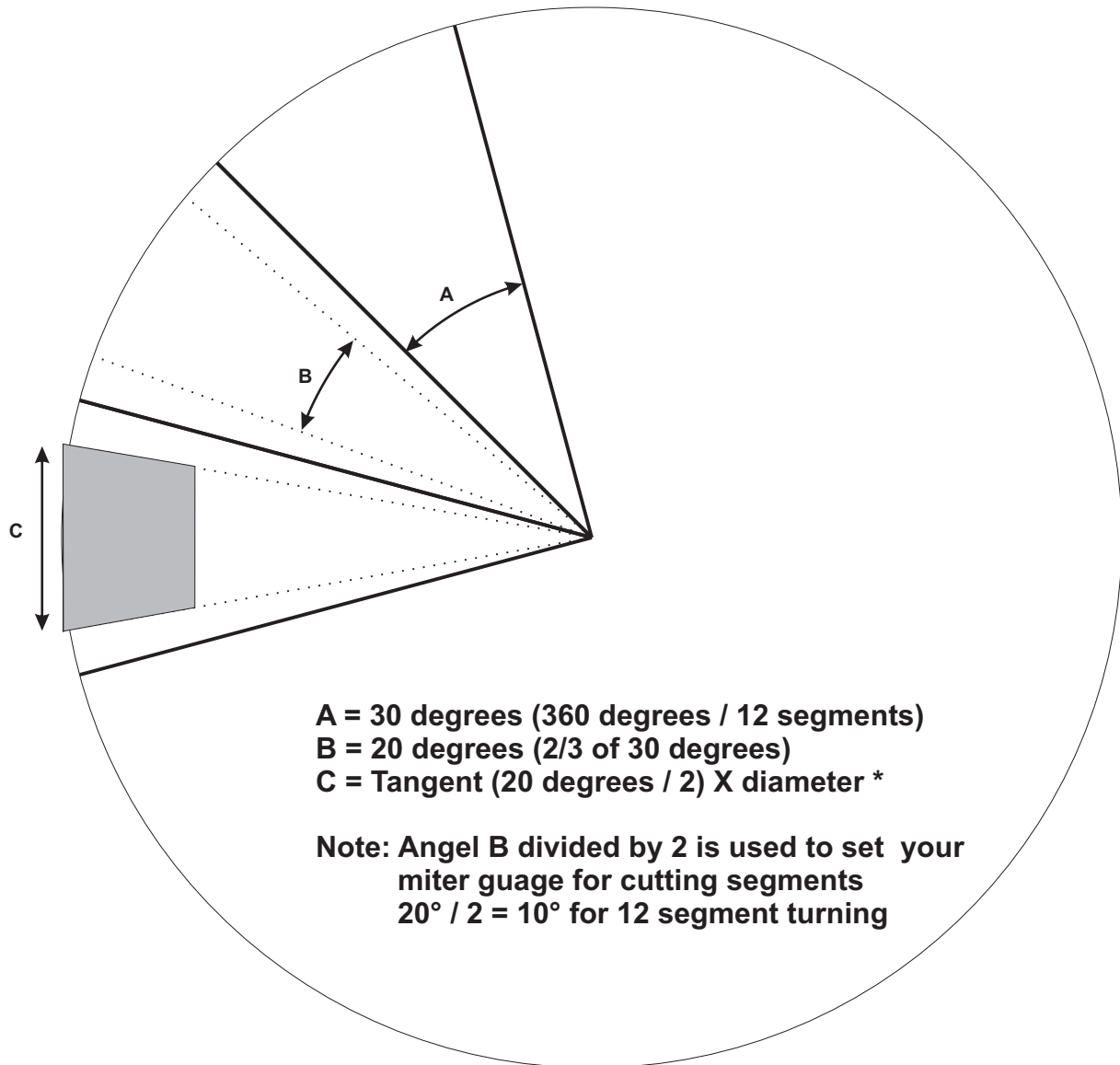
*Note: This is an abbreviated formula that will work for turnings with 12 segments and above.
   A longer more complicated formula must be used for turnings with less than 12 segments