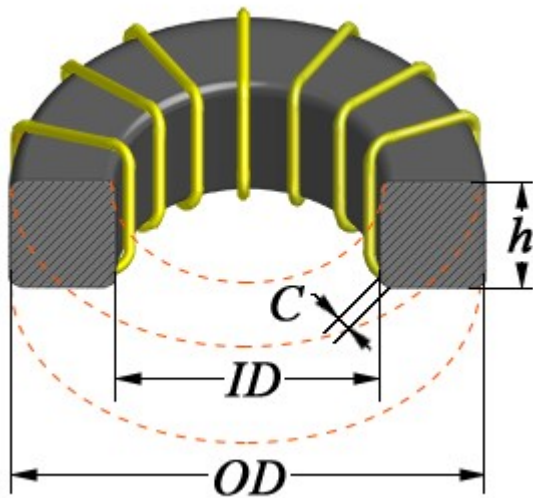


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**Coil64 v2.2.31 - Ferrite toroid coil**



Input:

Inductance L: 1,200 microH  
Outside diameter OD: 31.5 mm  
Inside diameter ID: 18.8 mm  
Core height h: 13.3 mm  
Wire diameter d: 1.5 mm  
Magnetic permeability  $\mu$ : 6,200  
Chamfer C: 2 mm

Result:

Number of turns of the coil N = 11.996  
Length of wire without leads lw = 47.144 cm  
 $A_L = 8,339$  nH/N<sup>2</sup>

Effective magnetic path length ( $l_e$ ): 75.609 mm  
Effective area of magnetic path ( $A_e$ ): 80.926 mm<sup>2</sup>  
Effective volume ( $V_e$ ): 6,118.72 mm<sup>3</sup>