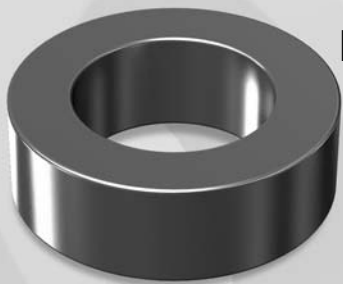


# OD888

OD 88.9mm / 3.500inch



ID 66.0mm  
HT 15.9mm

## Core Dimensions

|                |        | OD(max) | ID(min) | HT(max) |
|----------------|--------|---------|---------|---------|
| Before coating | (mm)   | 88.90   | 66.00   | 15.90   |
|                | (inch) | 3.500   | 2.598   | 0.626   |
| After coating  | (mm)   | 90.03   | 64.74   | 17.20   |
|                | (inch) | 3.544   | 2.549   | 0.677   |

## Magnetic Dimensions

| Cross Section<br>(A) | Path Length<br>(ℓ) | Window Area<br>(W <sub>a</sub> ) | Volume<br>(V) |
|----------------------|--------------------|----------------------------------|---------------|
| 1.83cm <sup>2</sup>  | 24.10cm            | 32.92cm                          | 44,103cm      |
| 0.284in              | 9.46in             | 6,00,140cmil                     | 2.691in       |

## Available Cores

| Part No. |           |          |            | AL                   | Perm. |
|----------|-----------|----------|------------|----------------------|-------|
| MPP      | High Flux | Sendust  | Mega Flux® | (nH/N <sup>2</sup> ) | (μ)   |
| CM888026 | CH888026  | CS888026 | CK888026   | 24                   | 26    |
| CM888060 | CH888060  | CS888060 | CK888060   | 57                   | 60    |
| -        | -         | CS888075 | CK888075   | 71                   | 75    |
| -        | -         | CS888090 | CK888090   | 85                   | 90    |
| CM888125 | CH888125  | CS888125 | -          | 119                  | 125   |
| -        | -         | -        | -          | -                    | 147   |
| -        | -         | -        | -          | -                    | 160   |
| -        | -         | -        | -          | -                    | 173   |
| -        | -         | -        | -          | -                    | 200   |

## Winding Information

| AWG Wire<br>No. | Single Layer<br>Turn | AWG Wire<br>No. | Single Layer<br>Turn |
|-----------------|----------------------|-----------------|----------------------|
| 10 0.267        |                      | 19 0.0980       |                      |
| 11 0.238        |                      | 20 0.0879       |                      |
| 12 0.213        |                      | 21 0.0785       |                      |
| 13 0.190        |                      | 22 0.0701       |                      |
| 14 0.171        | N · A                | 23 0.0632       | N · A                |
| 15 0.153        |                      | 24 0.0566       |                      |
| 16 0.137        |                      | 25 0.0505       |                      |
| 17 0.122        |                      | 26 0.0452       |                      |
| 18 0.109        |                      | 27 0.0409       |                      |

Single layer winding with 1 inch leads

## ■ AL vs NI Curve (60μ, 125μ)

