



CCNT-086-076-015-STBN

Nanocrystalline toroidal core 86x76x15 mm

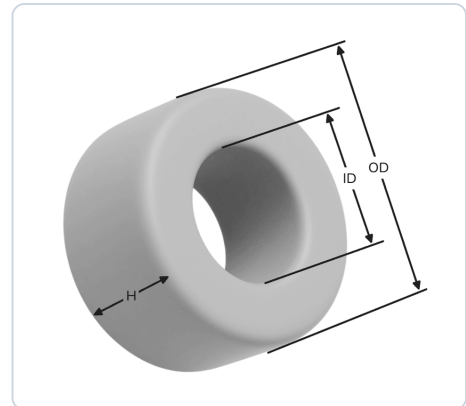
DIMENSIONS

Parameter	Bare (mm)	Cased (mm)
Outside diameter (OD)	86	88
Inside diameter (ID)	76	75
Height (H)	15	15.5

Dimensions Summary: Bare OD 86mm x ID 76mm x H 15mm; Cased OD 88mm x ID 75mm x H 15.5mm

Finished tolerance: TYP

Case marking uses bare core dimensions.



CORE PROPERTIES

A_{Fe}	—	L_{Fe}	—	B_s	1.25 T	μ_i	80,000
Working temp	−40°C – +130°C	Curie	560 °C	Casing	Crepe tape	Weight	125 g

INDUCTANCE FACTOR AL ($\mu H/N^2$)

—
($\mu H/N^2$)

DESIGN NOTE

AL, Ae, and Le were not measured on this core. Size the winding from the published bare geometry. Size the winding to the finished inside diameter when it is published, not the bare ID. Keep peak flux within 1.25 T. The core is tape wrapped; keep continuous duty within the wrap rating.

RECOMMENDED USAGE

Current Transformers | EMI Chokes | Ground-Fault Sensing

DIY AND R&D

Diy Current-Transformer Winding | Benchtop EMI Experiments

TECHNICAL APPLICATIONS

Protection Current Transformers | Common-Mode Chokes | Residual-Current Sensors

DOCUMENT CONTROL

Author	Created	Approver	Approved
Aditya R.	3 Jan 2026	Manavir S.	14 Jan 2026

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<https://centuracores.com/products/ccnt-086-076-015-stbn/>

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