

## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	<b>MAGNETEC GmbH</b>	<b>Magnetec P/N:</b>	<b>M-485</b>	<b>Magnetec A/N:</b>	<b>12394</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>04</b>
<b>Subject:</b>	<b>CT Wandler</b>				

### 1. Mechanical Outline

Nominal equivalent round core:

**30 x 21 x 5**

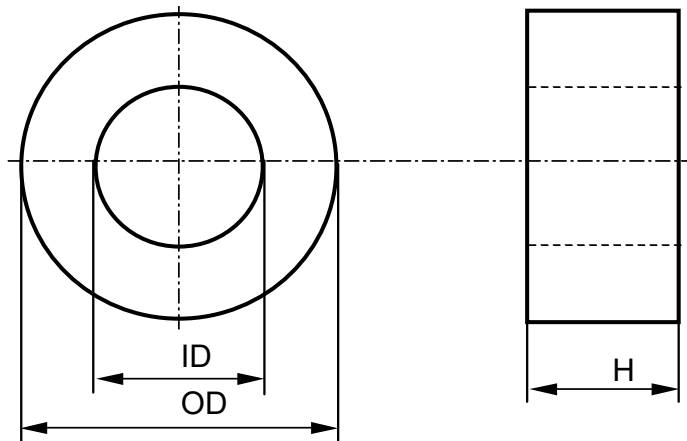
Finished product dimensions:

OD  $\leq$  31,8

ID  $\geq$  19,2

H  $\leq$  6,9

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = 7,93 \text{ cm}$	$A_{Fe} = 0,17 \text{ cm}^2$
Permeability level:	<b>1.600</b>	@ frequency <b>1 kHz</b>	@ H peak <b>18 mA/cm</b>

### 3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
<b>AI [nH]</b>	<b>414 - 468</b>	<b>1 kHz</b>	<b>100</b>

### 4. Core finishing

Type:	<b>Cased</b>
Marking:	<b>none</b>
Packaging:	<b>35 pcs. per layer; 9 layers per carton box; PU = 315 pcs.</b>

### 5. Comments

5 % measurement deviation has to be considered,

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 01	Product Specification	06.06.2007
01 / 02	$I_{eff} \times N = 100\text{mA} \times 1 \text{ turn}$	02.09.2009
01 / 03	Maximum height corrected	10.11.2014
01 / 04	Add one sentence to the comments	

<b>Created:</b>	Z. Braxátor 29.01.2019	<b>Approved (Techn):</b>	F. Záborszky 11.02.2019	<b>Approved (Quality):</b>	G. Zsák 11.02.2019	<b>Released:</b>	P. Seiz 15.03.2019
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