

## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	Magnetec	<b>Magnetec P/N:</b>	M-1108	<b>Magnetec A/N:</b>	12941
<b>Client's P/N:</b>	-	<b>PS Index:</b>	01	<b>PS Revision:</b>	01
<b>Subject:</b>	CT Wandler				

### 1. Mechanical Outline

Nominal equivalent round core:

**46 x 33,6 x 17**

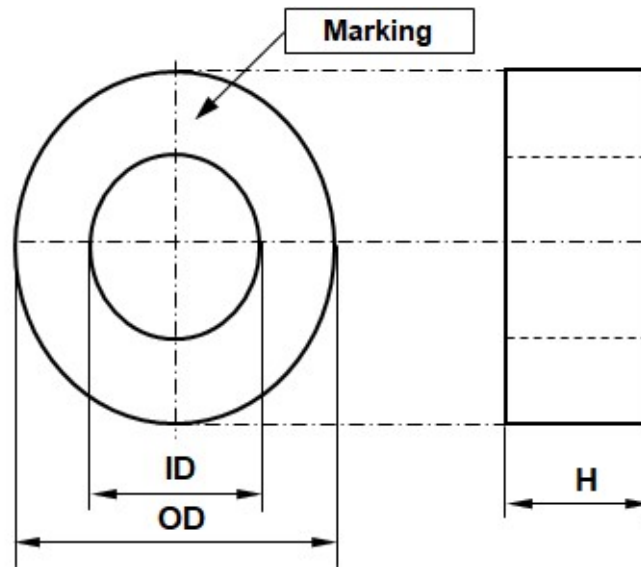
Finished product dimensions:

OD ≤ 47,5

ID ≥ 32

H ≤ 18,5

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 12,25 \text{ cm}$	$A_{Fe} = 0,73 \text{ cm}^2$
Permeability level:	~40000	@ frequency 50 Hz	@ H peak 2 mA/cm

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

Measured value	Measurement limits	Frequency	I <sub>eff</sub> x N [mA x turn]
U1avg [mV/turn]	0 - 100	50 Hz	34.6
U2avg [mV/turn]	1 - 1,94	50 Hz	173
U3avg [mV/turn]	0 - 100	50 Hz	691
(I <sub>r</sub> *U1avg)/(34.6*U2avg)	0,65 - 1,35		
(I <sub>r</sub> *U3avg)/(691*U2avg)	0,65 - 1,35		

### 4. Core finishing

Type:	Epoxy coated
Marking:	MAGNETEC M-1108 -01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	15 pcs. per layer; 4 layers per carton box; PU = 60 pcs.

### 5. Comments

I<sub>r</sub>=173 mA

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

<b>Created:</b>	I. Váradi 11.08.2020	<b>Approved (Techn):</b>	F. Zámboorszky 13.01.2021	<b>Approved (Quality):</b>	Sz. Ilcsik 08.01.2021	<b>Released:</b>	D. Tóth 15.01.2021
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