



## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-172</b>	<b>Magnetec A/N:</b>	<b>12172</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>02</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

### 1. Mechanical Outline

Nominal equivalent round core:

**11 x 9 x 12**

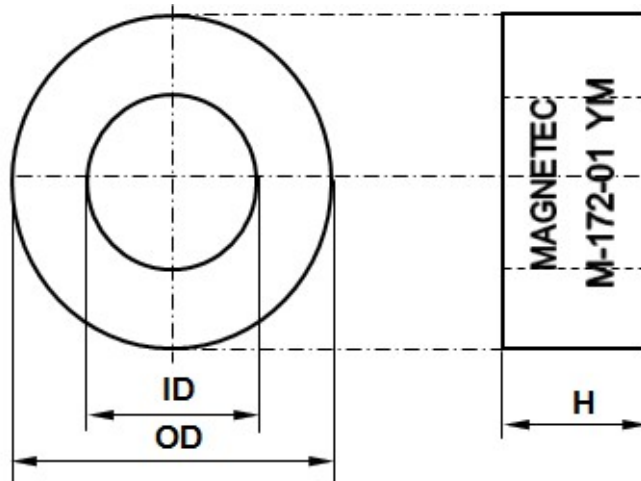
Finished product dimensions:

OD ≤ 12,0

ID ≥ 7,5

H ≤ 13,0

[dimensions] = mm



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = 3,13 \text{ cm}$	$A_{Fe} = 0,1 \text{ cm}^2$
Permeability level:		@ frequency	@ H peak
	<b>ca. 80 000</b>	<b>10 kHz</b>	<b>4,5 mA/cm</b>

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
<b>AL [μH]</b>	<b>21,6 - 42,2</b>	<b>10 kHz</b>	<b>10,0</b>

### 4. Core finishing

Type:	<b>Epoxy coated</b>
Marking:	<b>MAGNETEC M-172-01 YM (YM = Year/Month), acc. to IEC 62 5.1</b>
Packaging:	<b>128 pcs. per layer; 6 layers per carton box; PU = 768 pcs.</b>

### 5. Comments

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 / 00	Product Specification	21.03.2002
01 / 01	LN format, PU = 768 pcs	11.03.2013
01 / 02	Upper AL limit defined	17.06.2013

<b>Created:</b>	Z. Palánki 17.06.2013	<b>Approved (Techn):</b>	F. Záborszky 24.06.2013	<b>Approved (Quality):</b>	J. Gulyás 24.06.2013	<b>Released:</b>	F. Rauscher 24.06.2013
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