

# AMETAL C, dezincification resistant brass alloy in form of ingots for use in tap water supply systems

Holder/Issued to

## IMI Hydronic Engineering AB

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### Product description

Dezincification resistant brass alloy AMETAL C in form of ingots for use in tap water supply systems. Chemical composition of the alloy (percentage by weight) is:

Cu + Ni	63,0 - 65,0	Pb	0,7 - 2,2	Sn	max 0,5
Si	0,65 - 0,85	Ni	max 0,5	As	0,03 - 0,1
Fe	0,1 - 0,5	Zn	Remaining		

### Intended use

The alloy is intended for diecasting of components for use in tap water supply systems.

### Trade name

AMETAL C

### Approval

The product satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Design\*

6:625, 1<sup>st</sup> sentence

\*Type-approved tap water products must be heat treated according to the manufacturer's instructions.

### Associated documents

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Type approval 1105/99 | 2020-02-20

RISE Research Institutes of Sweden AB | Certification  
Box 857, SE-501 15 Borås, Sweden  
Phone: +46 10-516 50 00  
certifiering@ri.se | [www.ri.se](http://www.ri.se)

2019-06-10



9P05309



Accred. no. 1002  
Certification of  
Products  
ISO/IEC 17065

### **Control**

The factory production control (FPC) is monitored by an independent inspection body.  
Control agreement: 210-96-0743, Inspection body: RISE Research Institutes of Sweden AB.

### **Manufacturing place**

Production control includes the following place:  
IMI Hydronic Engineering AB, Ljung, Sweden.  
And manufacturing units according to control agreement.

### **Marking**

No marking, the approval and control refers to the raw material directly to the manufacturing process.

### **Basis for assessment/approval**

Report 55512, 11312-16 and 14933 from Swerea KIMAB.  
Report ca888548, PX009424-18B and PX00924-17A from RISE.  
Report DL-43725 from D-LAB.

### **Comments**

The product fulfils requirement for dezincification resistance grade A according to standard SS-EN 1982:2017.

This approval supersedes the previous approval with the same number dated 2017-12-05.

### **Validity**

Valid through 2025-02-21.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Johan Åkesson

*This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.*