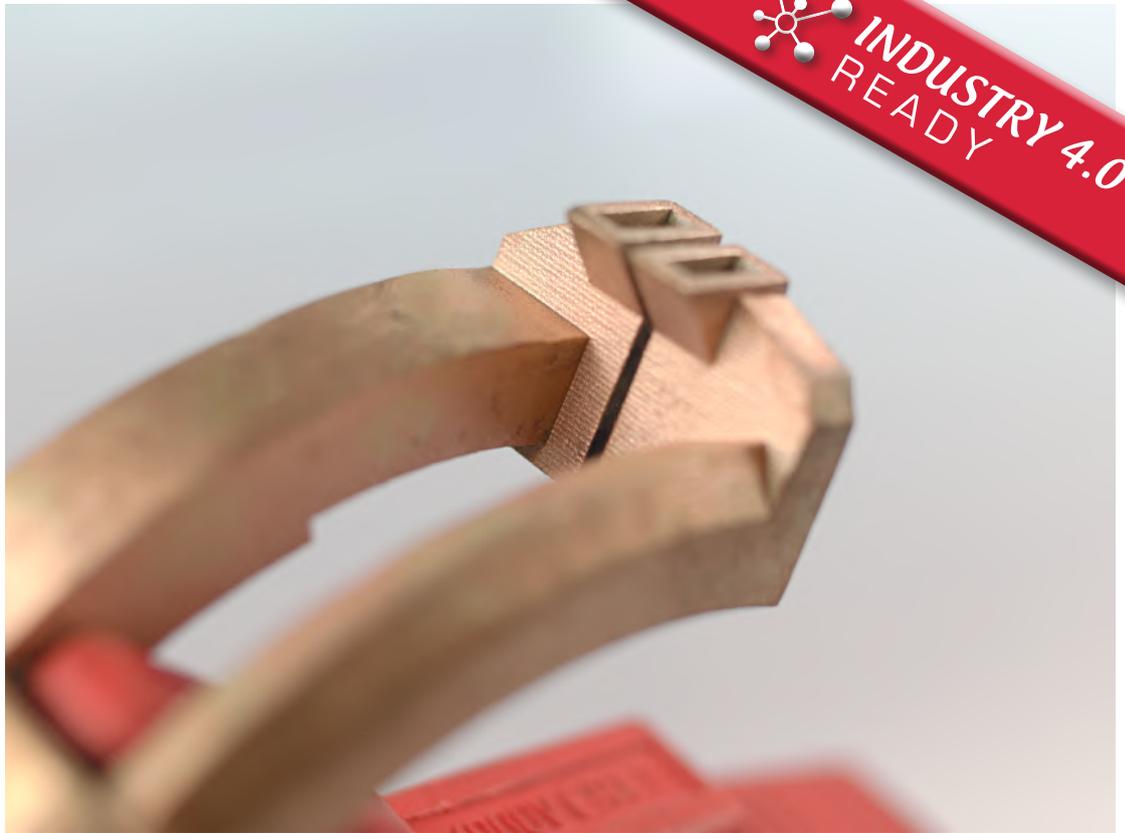




INDUSTRY 4.0  
READY



# 3D PRINTED COILS



Reduced set-up



Longer lifetime



Reliability



Faster delivery

## ADVANTAGES



### REDUCED SET-UP

The 3D printing technology guarantees higher dimensional accuracy and precision compared to the traditional production process: each inductor can be replaced with its copy without further system set-up or adjustments.



### LONGER LIFETIME

No welded joints and no material discontinuities ensure to minimize localized heating due to power spots; moreover, the design of the water channels can be optimized to increase the cooling of the inductor's critical points, without limitations related to the traditional construction techniques.



### RELIABILITY

The possibility to design in a different way leads to manufacture mechanically stronger inductors with higher process reliability. Constant product quality is guaranteed whereas maintenance costs and downtime are reduced.



### FASTER DELIVERY

The 3D printing technology drastically shorten the inductors leading time: the defined 3D model can be sent to the printing machine working 24/7. Shorter delivery time means a reduction of spare stock and storage costs.

# 3D Printed Coils

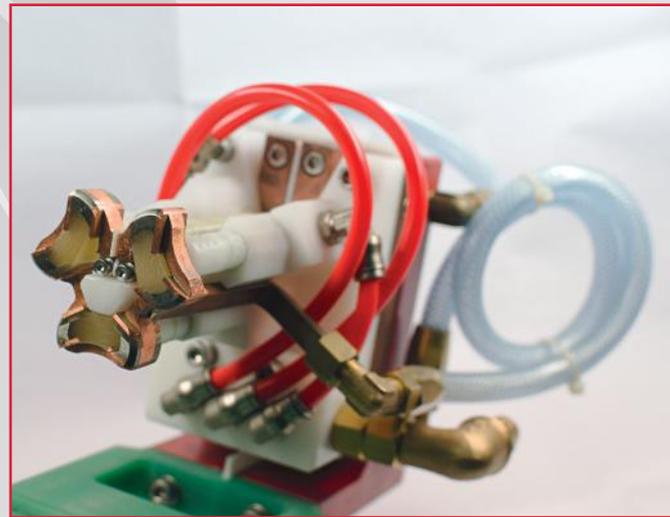


## SAET offers an all-inclusive development package for customers that includes:

- Full engineering support
- Electromagnetic simulations
- Coil test and process development in SAET metallurgical laboratory
- Tests and installation at customers' plant
- A longer service life - more than twice - compared to the traditional manufactured inductors

## Customer will benefit from a variety of reasons:

- Savings in maintenance
- Quality of the parts
- Reduction of stocks
- Increase in production



**CONTACT US AT**  
**SERVICE@SAETEMMEDI.COM**

**(+39) 011 9977 998** 

FOR TECHNICAL ASSISTANCE ON SITE /  
HELP DESK & TELEASSISTANCE / TRAINING COURSES

**(+39) 011 9977 997** 

**(+39) 011 9977 924** 

FOR SPARE PARTS AND REPAIRS

## Worldwide Service

SAET and EMMEDI customers can benefit from the resources of a global corporation.

We provide worldwide assistance through our network of regional sales and service engineers.

Our experienced service team is strategically placed for quick response to customers wherever they are located.

Our commitment to customer support means that SAET and EMMEDI are available to deal with emergencies at any location worldwide.



SAET S.p.A ■ Via Torino, 213 ■ 10040 Leinì (To) Italy  
Phone (+39) 011 99.77.999 ■ Fax (+39) 011 99.74.328

[www.saetemmedi.com](http://www.saetemmedi.com)