



**sint&mill**

Combined action

# sint&mill

**IS A SYSTEM FOR CNC MILLING OF CoCr DENTAL ELEMENTS  
CREATED THROUGH THE LASER METAL FUSION TECHNOLOGY.**

IT INCLUDES THE SUPPLY OF HARDWARE, SOFTWARE, AND THE TRANSFER OF TECHNOLOGY TO BRING AT SPECIFIC REQUIRED MECHANICAL TOLERANCES SOME DENTAL ELEMENTS CREATED THROUGH THE LASER METAL FUSION PROCESS.



## SINT&MILL

AFTER OBTAINING THE LICENCE TO USE THE SISMA sint&mill PATENT, IMPLANT DENTAL ELEMENTS CAN BE OBTAINED THROUGH 3 PHASES:

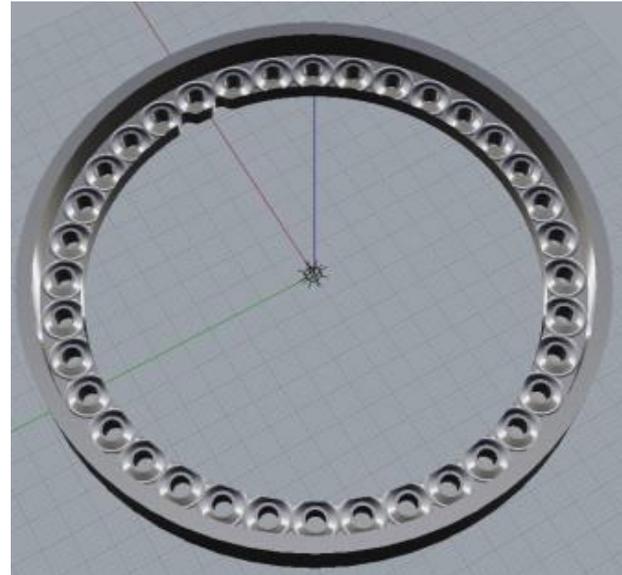
1- SOFTWARE PROJECT:

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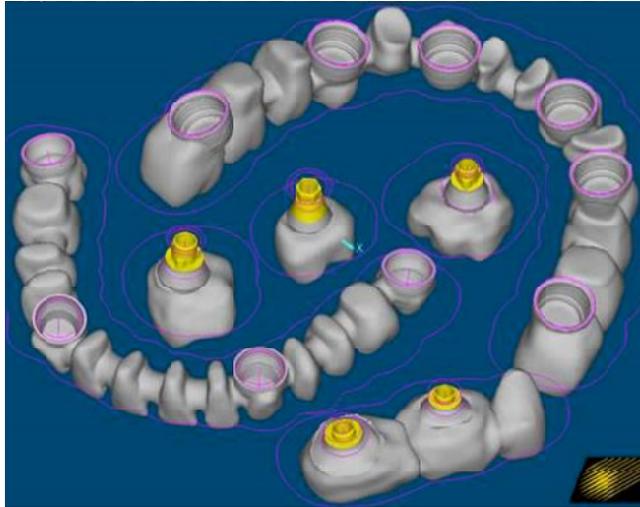
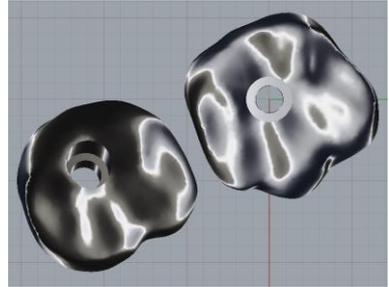
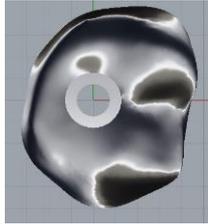
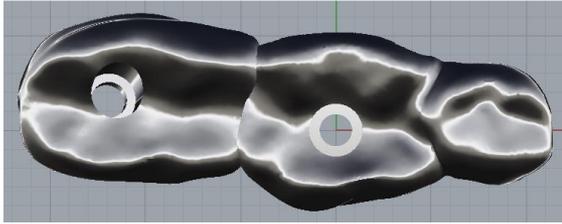
2- LASER METAL FUSION

**mysint100**

3- MILLING WITH 5 AXES CNC MACHINE

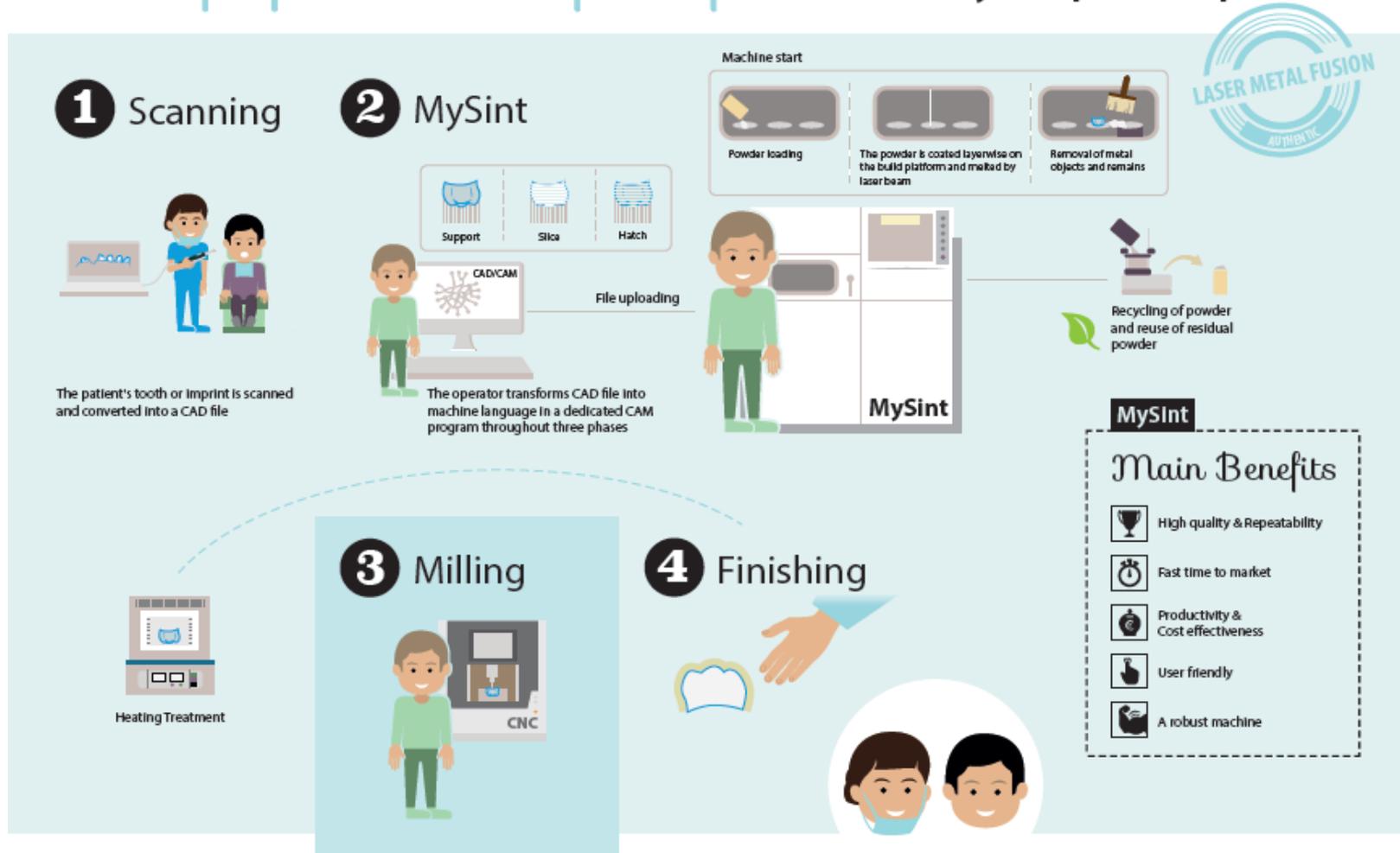


# DENTAL ELEMENTS



# THE FLOW

Make a *perfect dental implant process* with your perfect partner

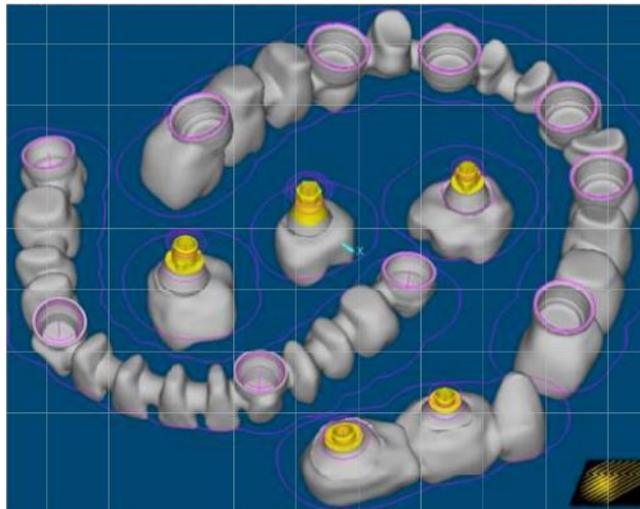
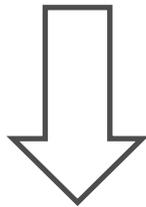


Sint&Mill GUIDE - Process Patented



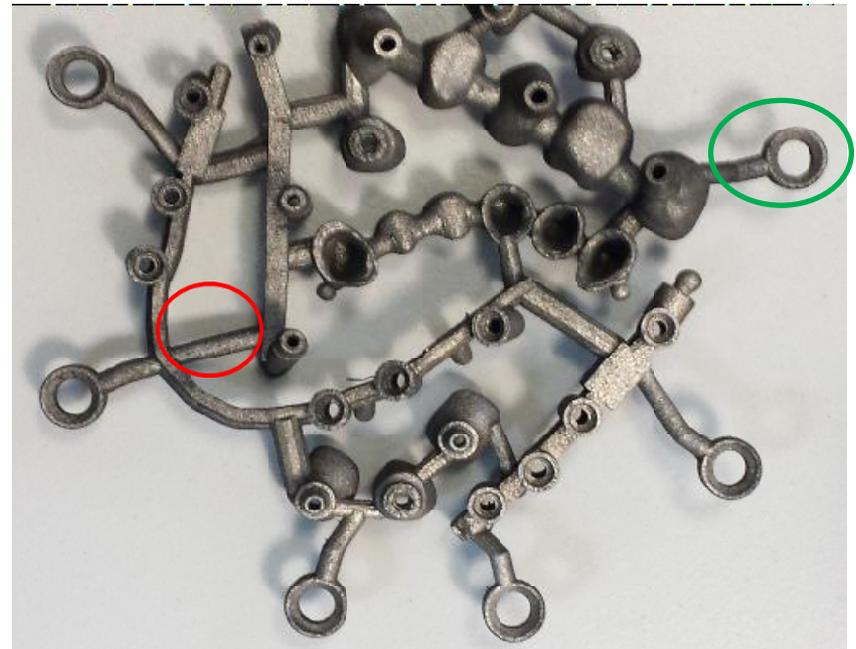
## THE FLOW

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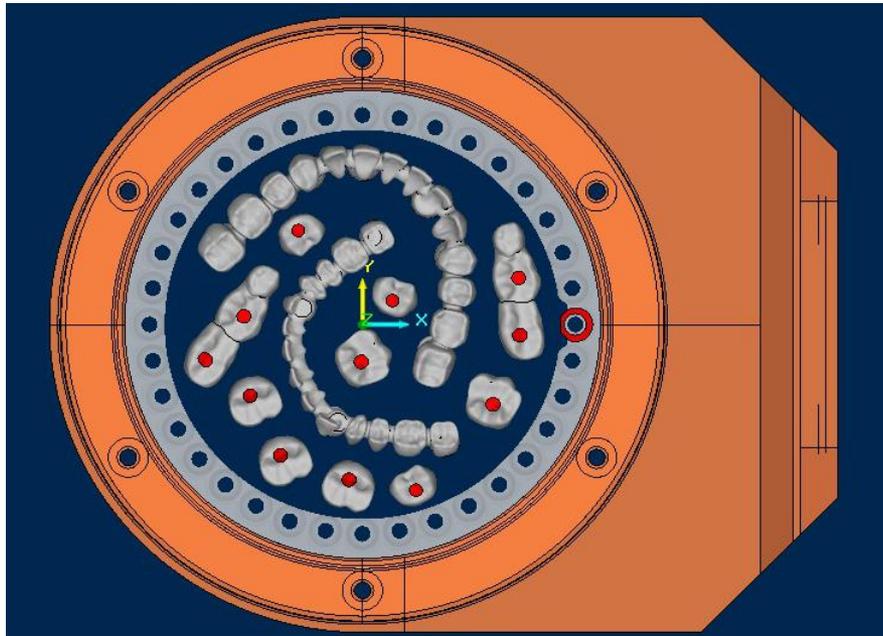
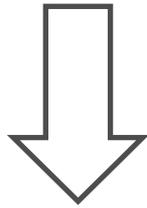
THE SOFTWARE ORGANIZES THE DENTAL ELEMENTS ON THE BUILDING PLATFORM IN ORDER TO OPTIMIZE THE SPACE AVAILABLE AND AUTOMATICALLY PLACES THE **ANCHOR LOOPS** AROUND ITS OUTLINE.

THE OPERATOR IS THEN FREE TO MANAGE THE ELEMENTS WITH **CONNECTORS**, AVAILABLE IN MANY DIFFERENT SHAPES, JUST WITH FEW CLICKS.



## THE FLOW

sint&mill



THE SOFTWARE CREATES TWO FILES THAT WILL ALLOW FURTHER PROCESSING:

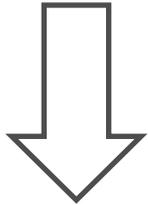
1- AN STL FILE FOR **mysint**, WITH CORKS AND MATERIAL ALLOWANCES.

2- AN STL FILE FOR THE CNC MACHINE AND ITS ISO PATH.



mysint

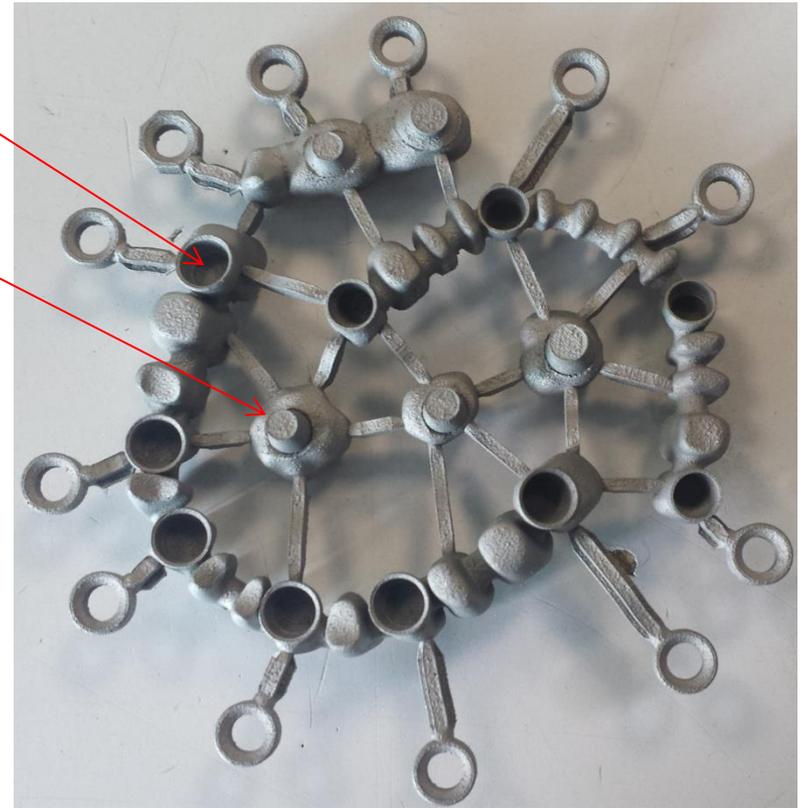
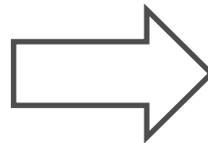
mysint PRINTS THE NET ACCORDING TO THE STL FILE.



MATERIAL ALLOWANCE 0,2MM

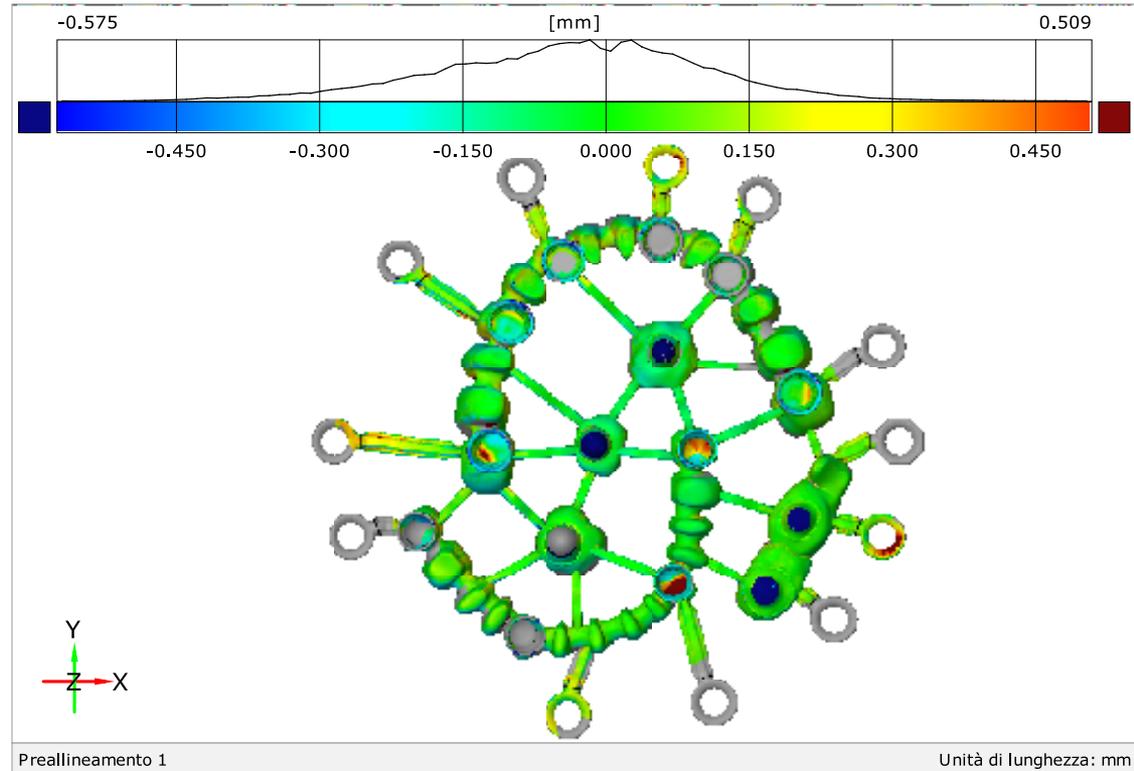
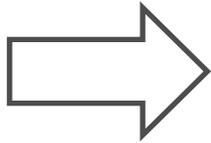


CORKS

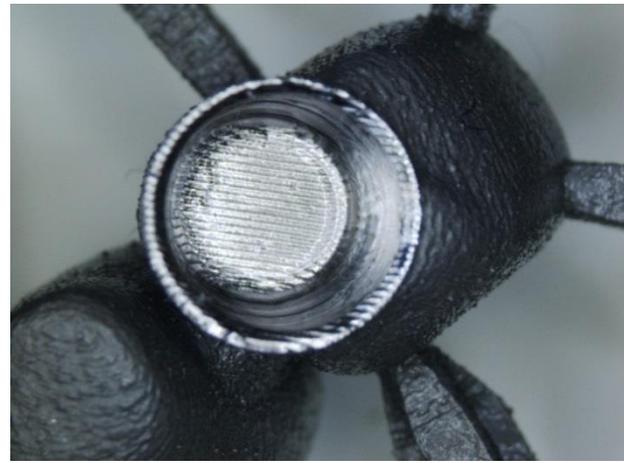
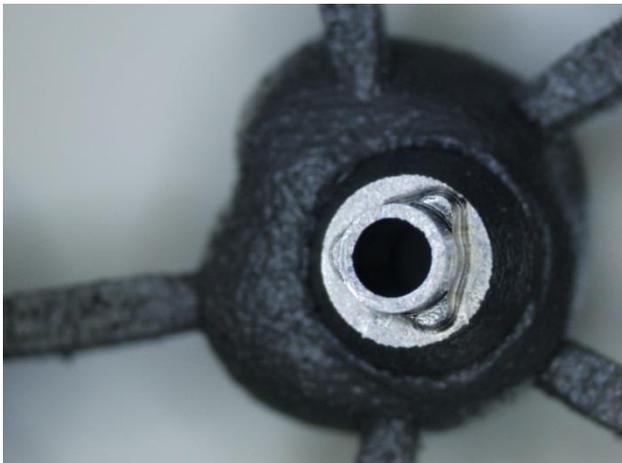
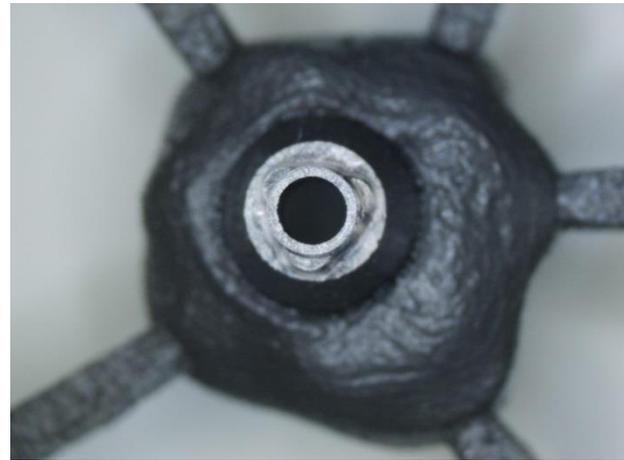
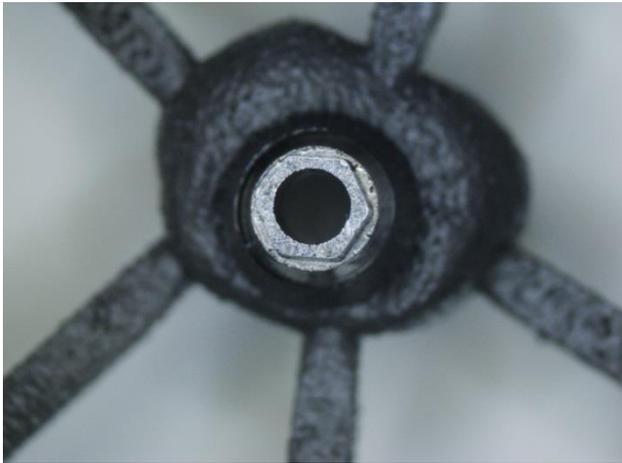


# PRECISION ANALYSIS

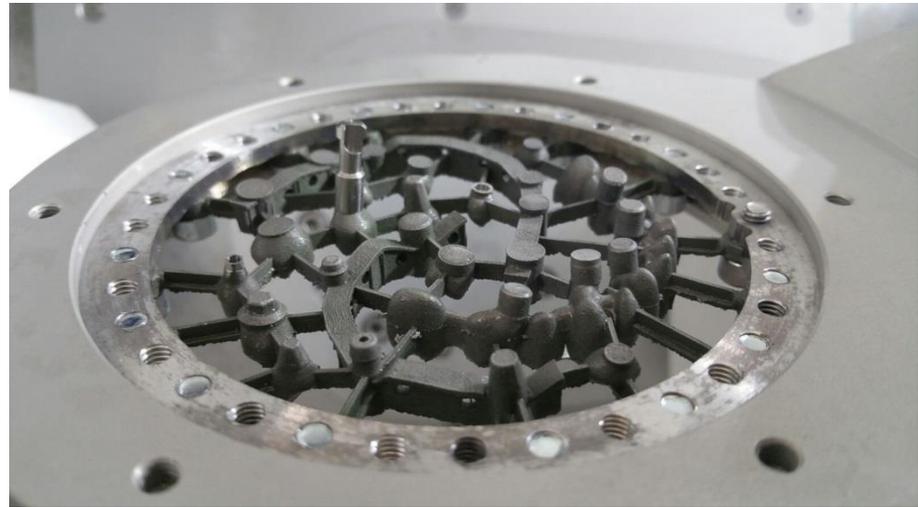
SCANNING THE NET, THE  
MARGIN OF ERROR  
OBSERVED IN THE  
PROCESS IS ALMOST ZERO.



## FINISHED ELEMENTS



## FINISHED ELEMENTS



# MILLING





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