



matrix[®]
FREQUENTLY
ASKED
QUESTIONS

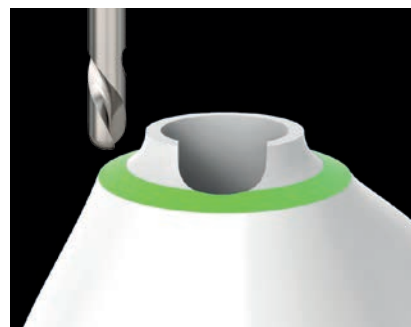
How can the **perfect fit**
and **precision** of the **matrix[®]**
connection be milled in my
local dental lab?

1

The connection has been developed based on dental milling machine capabilities.



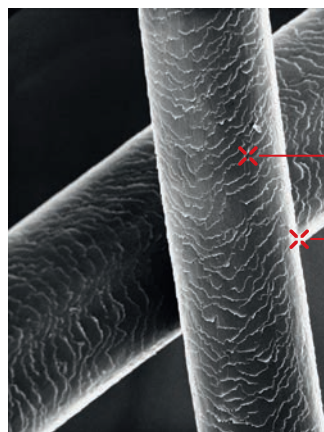
Conventional connection are designed to be manufactured with industrial production machines. Sharp edges cannot be milled with standard dental milling machines.



The **matrix[®]** connection only contains round shapes and needs one position only. It is designed to be milled in an easy and forgivable way.

2

Today's milling machines are extremely accurate with a repetition accuracy of around 5 μ . It's all about the right milling strategy and the right design of the connection.

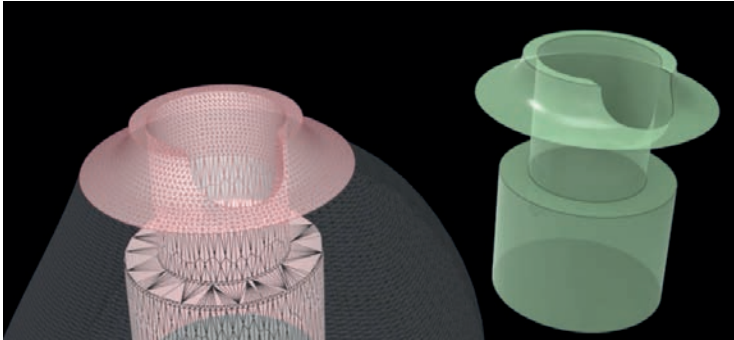


A human hair has a diameter of 80 μ .

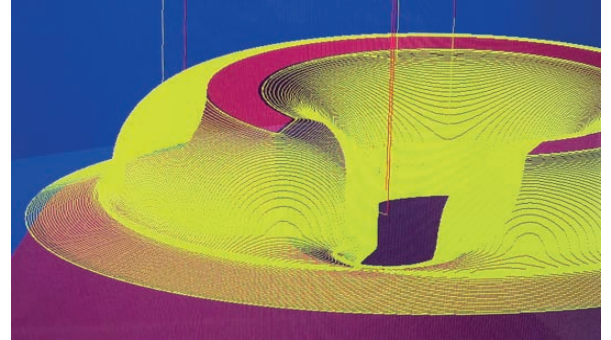
Modern milling machines reach an repetition accuracy of 5 μ that is 16^x less than the human hair.

3

The connection is milled with dedicated milling strategies, never with standard milling strategies based on an STL file.



The interface of the crown and the screw seat is replaced with a high-resolution CAD file.



Dedicated milling strategies for the interface and the screw seat ensure perfect surface quality.

4

We provide an industrial quality control tool to dental technicians to make a 100% quality control of production tolerances.



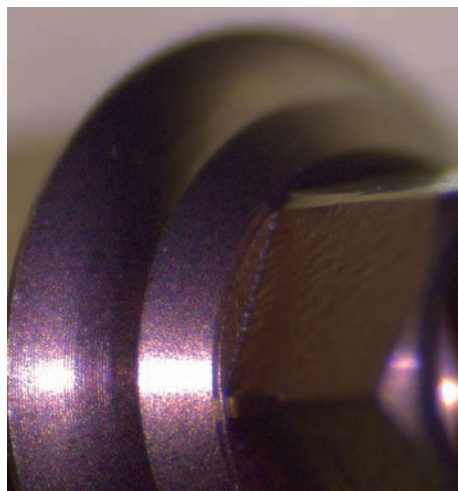
Watch the tutorial

5

Seeing is believing.



Compare the standard milling strategy of crown out surface to the perfect quality of the connection due to dedicated milling strategies.



The **matrix®** interface milled in a local dental lab shows the same precision and surface quality compared to a TRI® abutment manufactured in Switzerland.

