



“Familycrest”

A unique time sculpture

by
Thomas Prescher

HELP!!!!

Dear Thomas,

I have attached 2 pictures. This is my family crest. Do you think it is possible to make me a watch based on this? I am thinking about the Tempusvivendi line.

Best regards
Your dear friend

My dear friend

I have received your pictures and will let you know what I can do for you.

*Best regards
Thomas*

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HAUTE HORLOGERIE



My dear friend

I have taken your pictures and marked the turning point of your future watch. I have glued a slightly modified copy of it to cardboard and made a model from the dial. From my point of view it should work perfectly. What do you think? In the attachment you will find some pictures of my team and me working on the design.

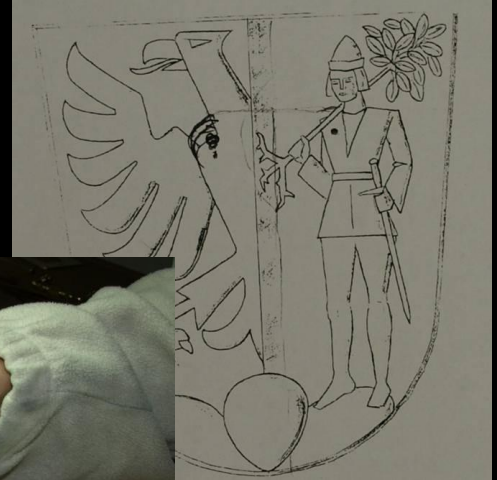
*Best regards
Thomas*

Dear Thomas,

again I am astonished how you solve complicated things with aesthetic solutions. I even cannot identify where you have modified my crest. It looks great. Please continue in this direction.

Best regards

Your dear friend



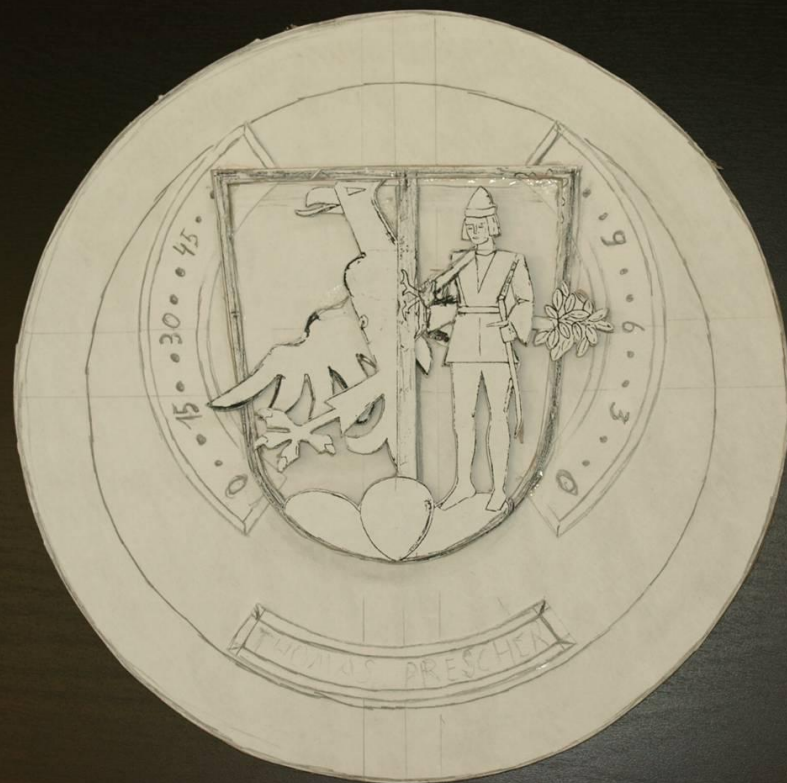
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My dear friend

I have continued with the dial development. I have designed in the 3D Computer Aided Design to get an impression how the dial will come along.

I have one version with a complete wing and one with one feather indicating the minutes.

As you know, you will have a button in the crown to switch between time indication and your static family crest. See this video of our [Tempusvivendi Qatarwatch](http://www.youtube.com/watch?v=1u-0PNEkoNo) (<http://www.youtube.com/watch?v=1u-0PNEkoNo>)

When you have decided for the version we will implement the dial in the watch design.

Best regards
Thomas

Dear Thomas,

That looks great. I have decided for the version with the entire wing. I feel really thrilled to be involved in the birth of my watch with so many small steps. I can't wait to get the next pictures. It is like waiting for Christmas...

*Best regards
Your dear friend*



My dear friend

We have followed your decision and made now the final design and implemented it in the Tempus Vivendi case.

The next step is now creating the programming to mill all parts. We use a modern CAM (computer aided manufacturing) program for that. In the attachment you have the finished design and a picture of the way the mill makes and an animation of the milling. Next week we will send you some videos of the making.

Best regards

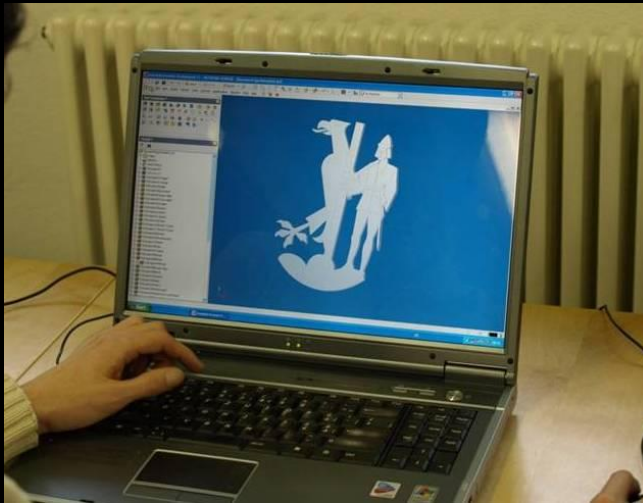
Thomas

Dear Thomas,

Thank you very much for the news. I get more and more excited. It is good to know that we will produce burs now. That means we are coming to a step where I can see physically the first parts of my dream watch. Do you think it makes sense to visit you to have a look?

Best regards

Your dear friend



My dear friend

*Here are the announced burs!
We made a thin marking of the
designed crest for our hand
engraver with our CNC-
machine. Later she will finish
the engravement on the highest
level. But first enjoy the pictures
of our work, prepares and the
result.*

*Best regards
Thomas*

Dear Thomas,

Wow, burs! Now it becomes
reality.

And thank you that I can pass
by to finish one part of my new
timepiece myself. I will give
you a call later on.

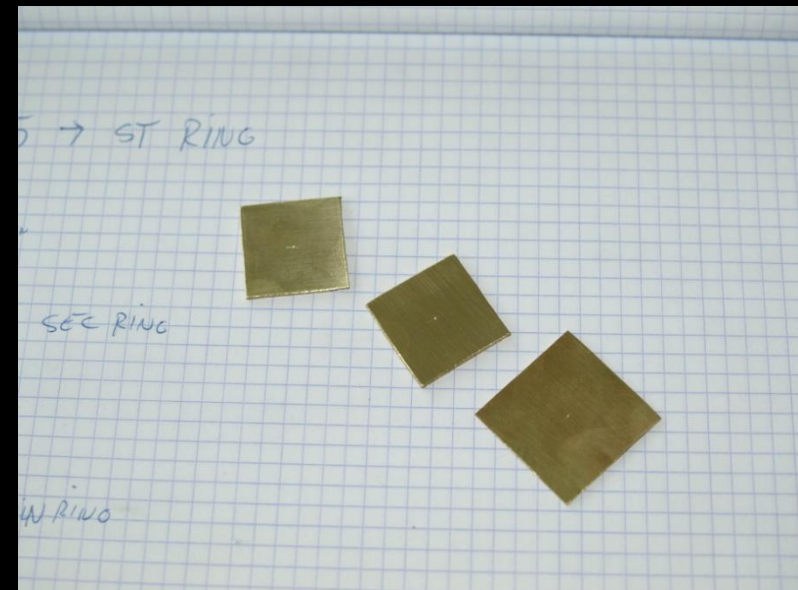
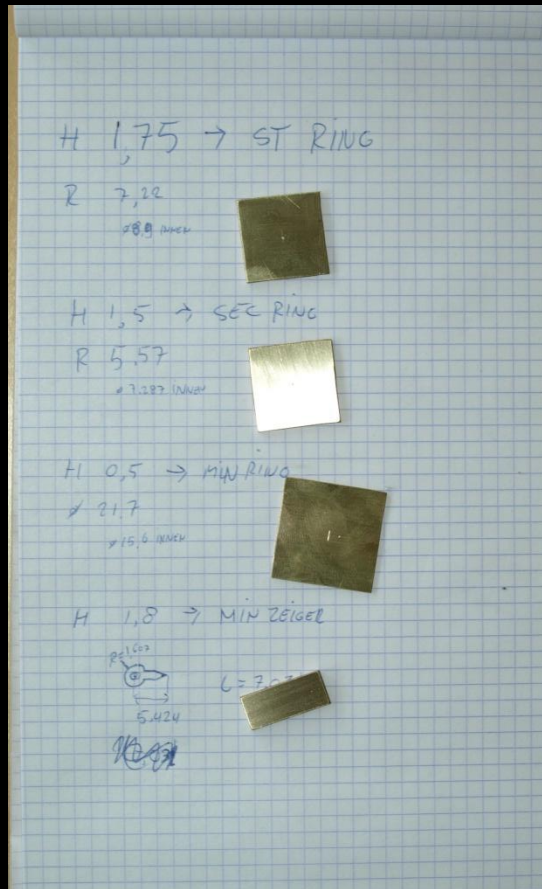
I never mentioned how small it
is. The 1 CHF is a good way to
get the dimensions.

Your dear friend

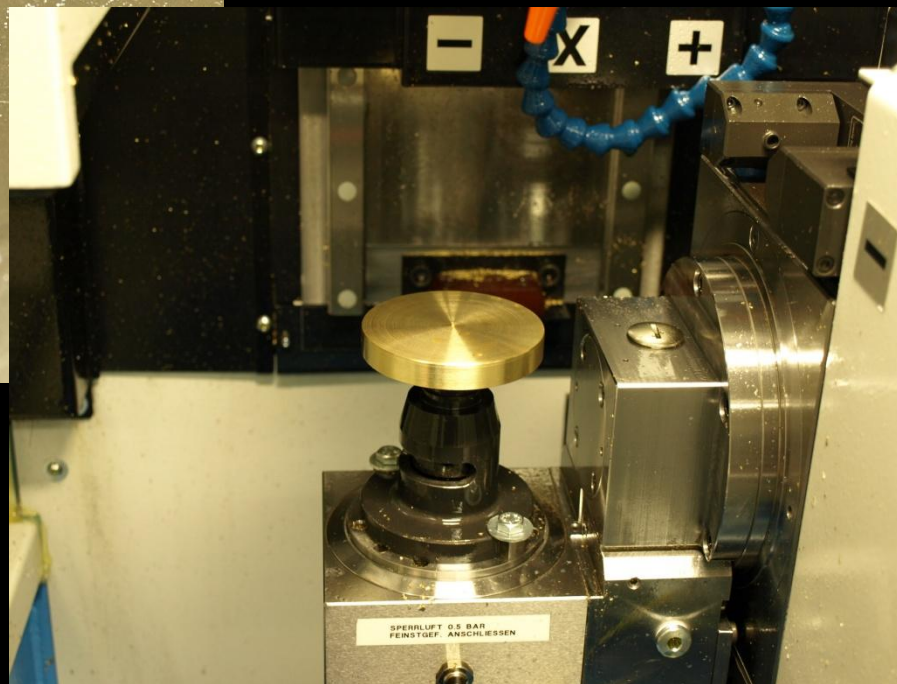
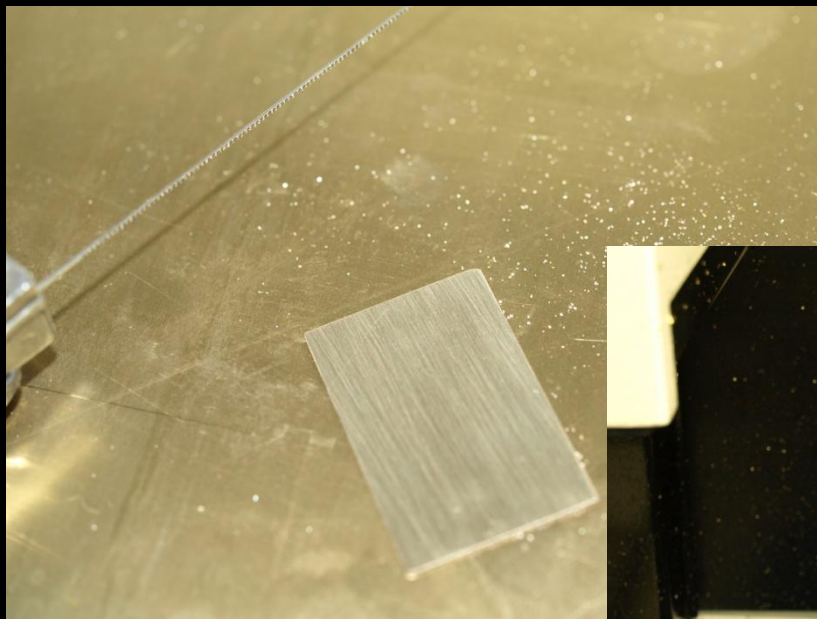


The CNC machine and the platform to put the material on.

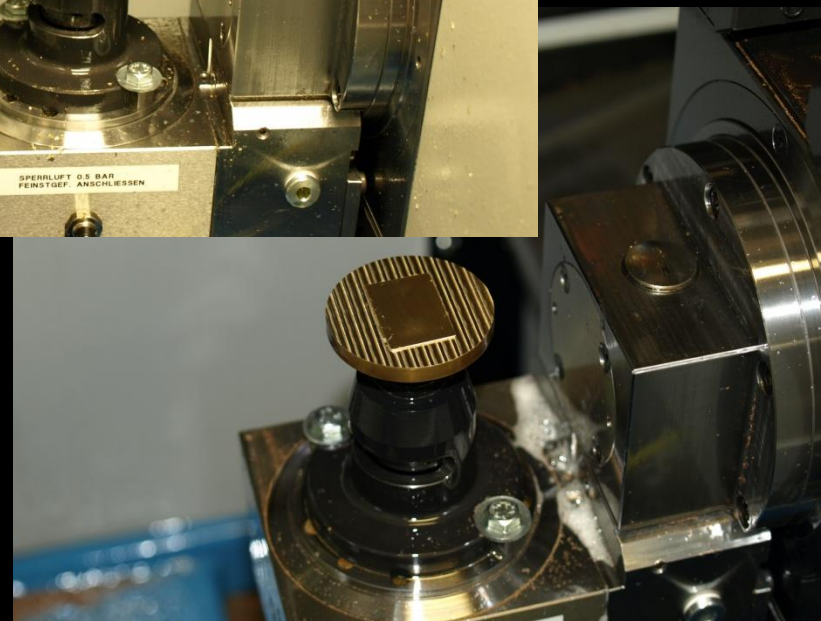




The raw material , thin gold plates and the prepares of it.

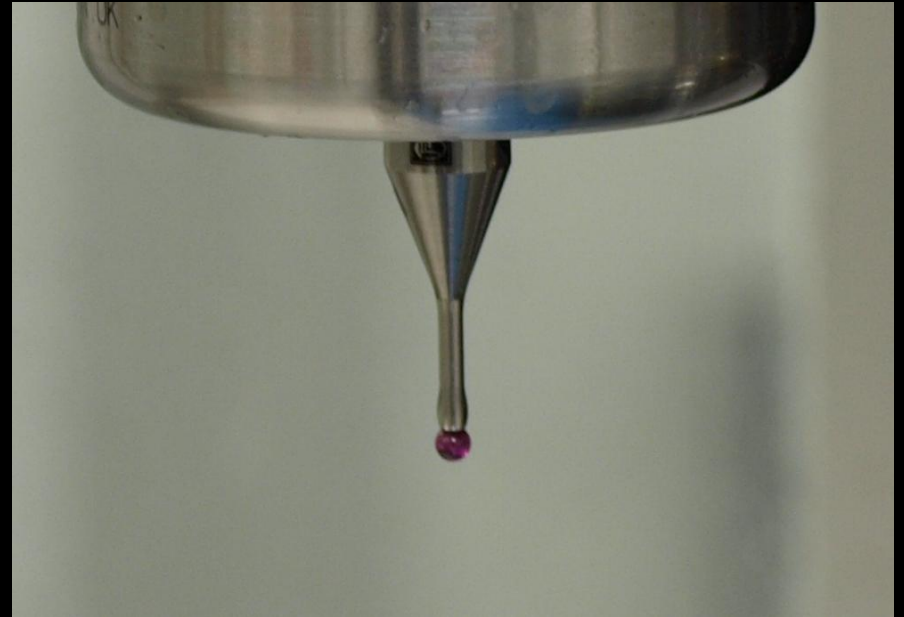
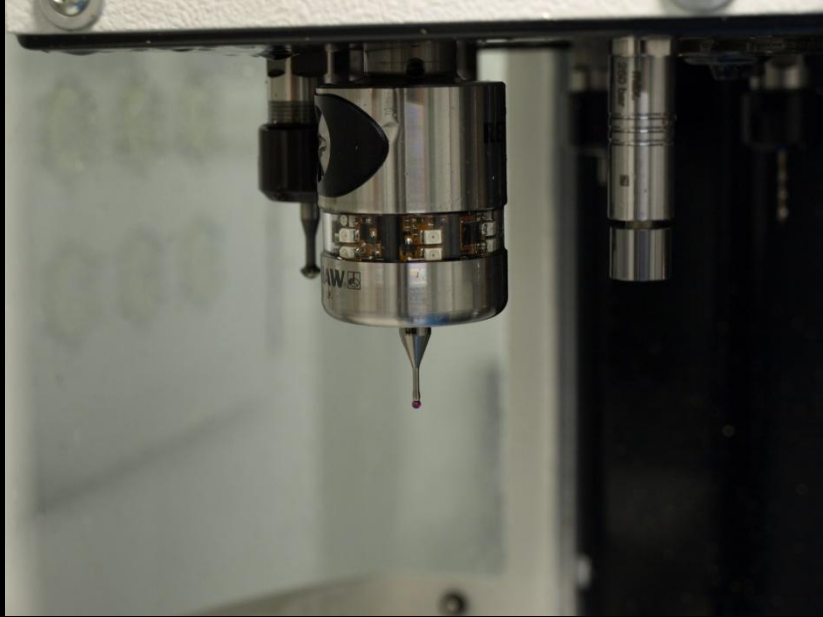


The raw material is fixed to the flattened surface of the tool.



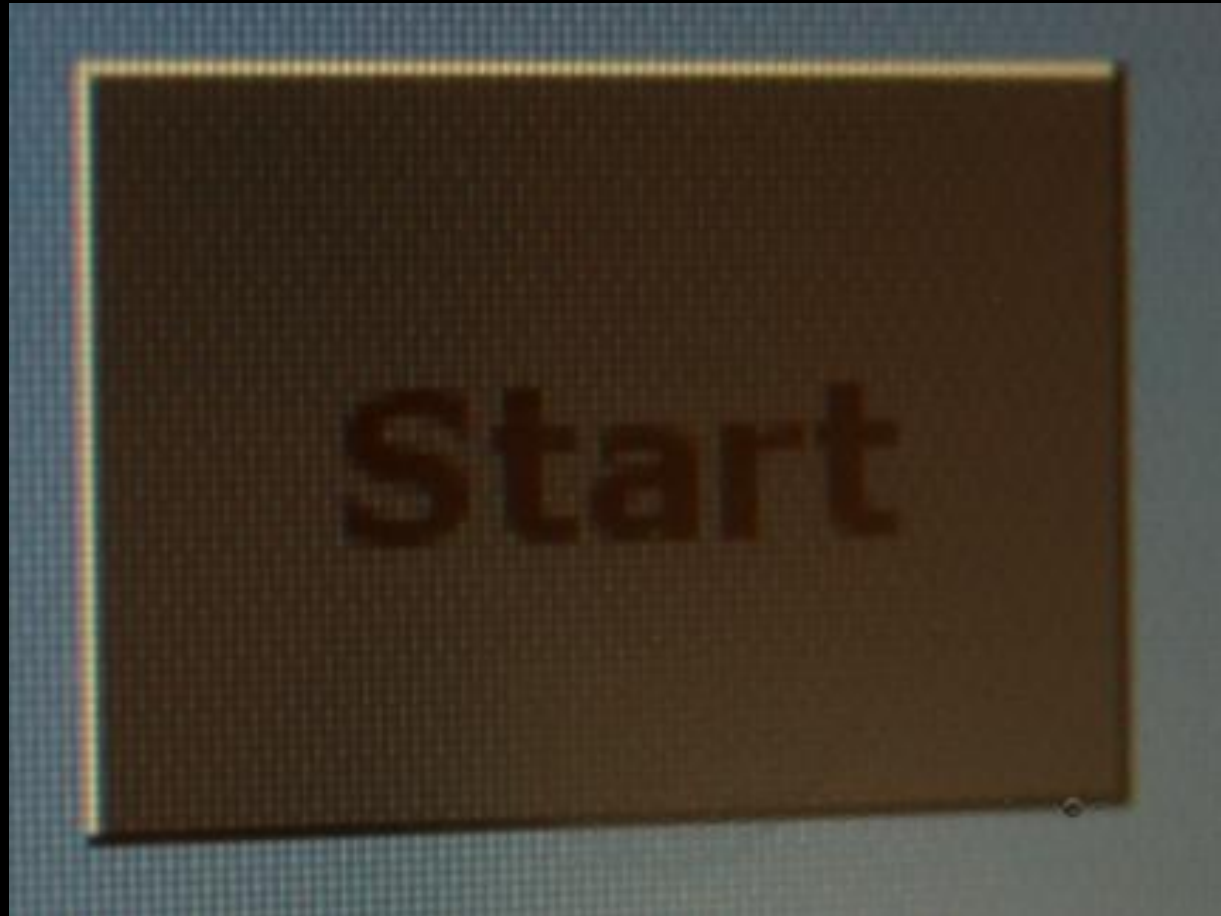
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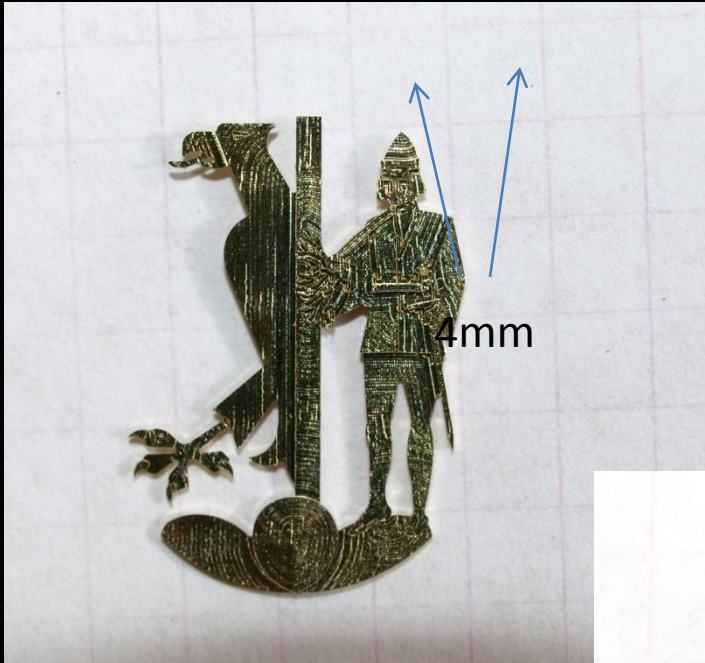
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The milled figure





The finished marking. Now the work of the hand engraver has to follow.



My dear friend

We have done the work for the corpus. Now the hand engraver is finishing her work. Meanwhile we are working on the hands and crest frame

The next step will be to fish frame and other appliqués.

*Best regards
Thomas*

Dear Thomas,

Thank you very much letting me be part of this process. I never knew how many steps there are making a unique piece watch by hand. I am looking forward to see the dial first time rough laid together. Are you able to do this?

Best regards
Your dear friend



The rest material



Figure and hands



Frame and indexes



All parts

First time together



To make you
curious on the
result



My dear friend

Thank you for your visit in the workshop yesterday. It was a pleasure to show you where we are with our project. Today we are preparing the number- and nameplates.

The CNC mills the rough plates and I am making a pre-finish of them. Enjoy the few pictures we did for you.

*Best regards
Thomas*

Dear Thomas,

Thank you. I apology that I passed by yesterday without calling you. But I was so curious. I appreciate very much what I saw.

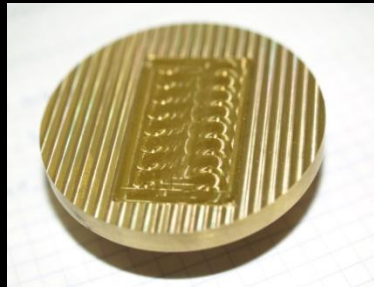
I am like a little boy waiting for his birthday present. And I know it is not done yet.

Thanks for your time.

Best regards
Your dear friend



The raw material



The feet for positioning on the dial

The front is milled





Polishing chamfers



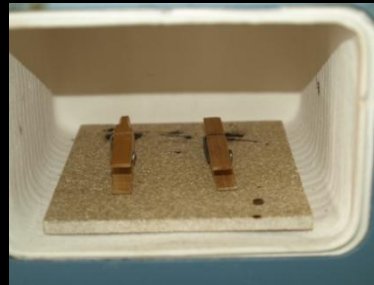
Satinage with a rubber on
diamond abrasive paper

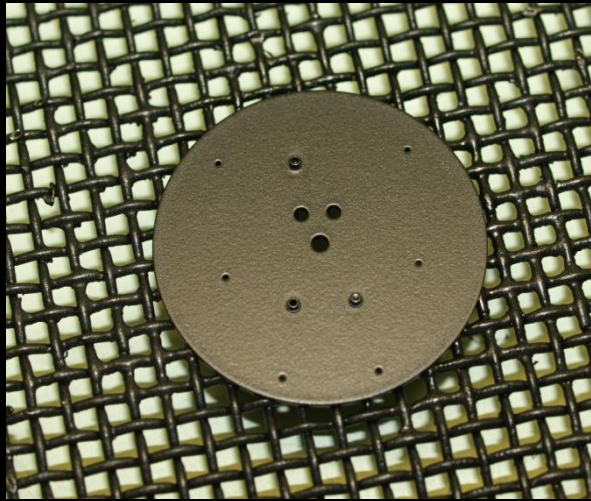


The tubes for the “hands” are fixed with a combined system of gluing and riveting

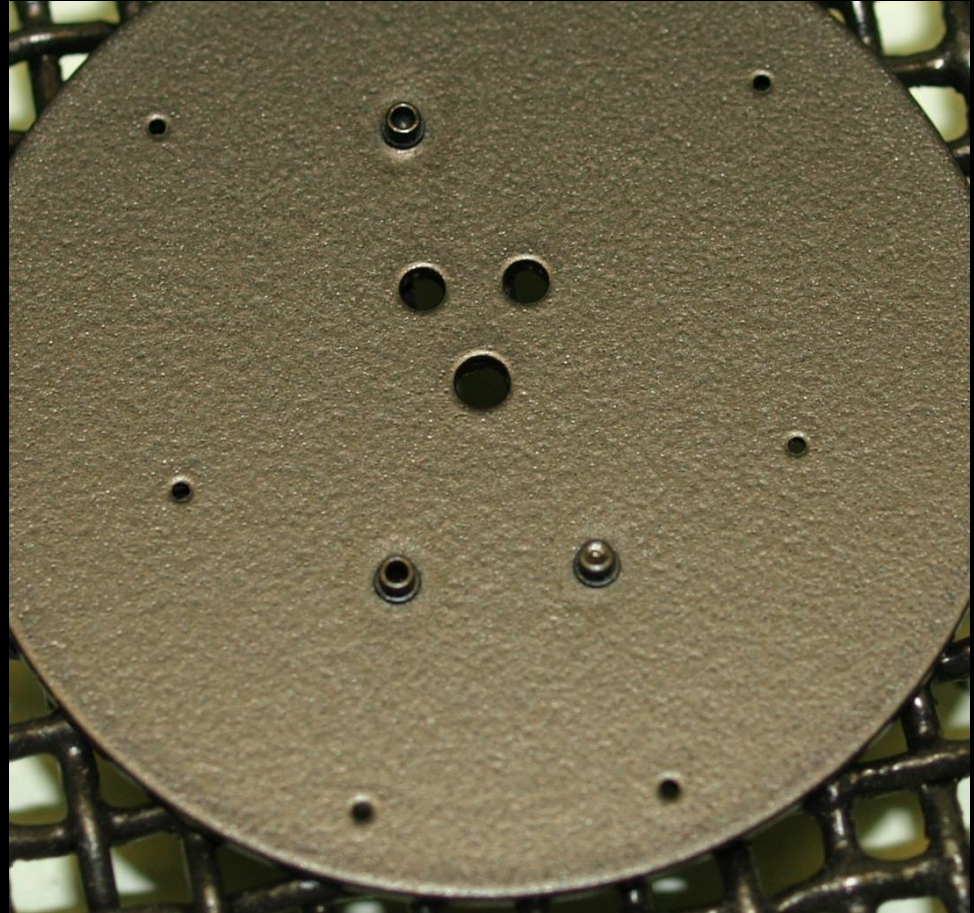


Hardening the glue with 120 °C brings 300Kg/cm²





I was absolutely not sure with the kind of color you have chosen. Now I think together with the special anti reflex treatment of the glass it will be a superb effect.





To keep you curious



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My dear friend

We are assembling the first time all the rough parts of the crest and the watch.

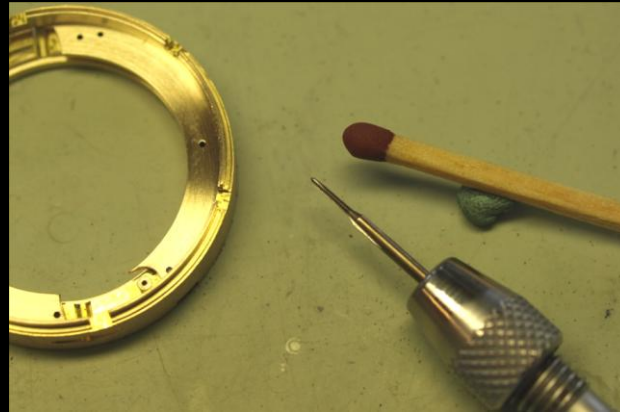
I like this part of the work, because I can see for the first time if the harmony of the design is as planned and how the entire watch will look.

*Best regards
Thomas*

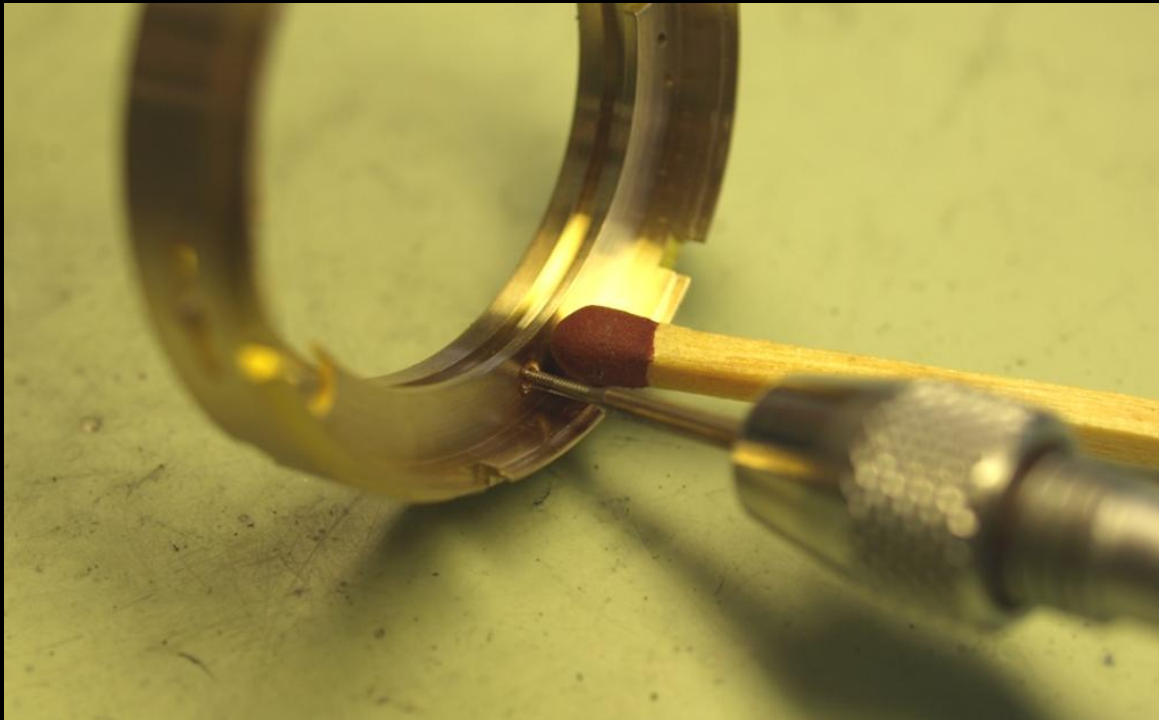
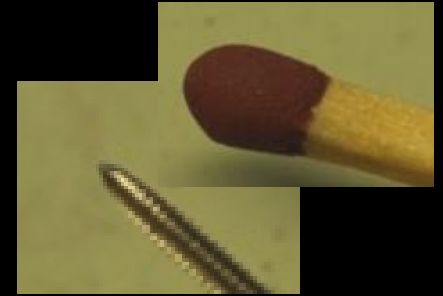
Dear Thomas,
The color of the dial is looking fine to me on the photo but I can't imagine how it will look in live. I am curious to see the ensemble the first time

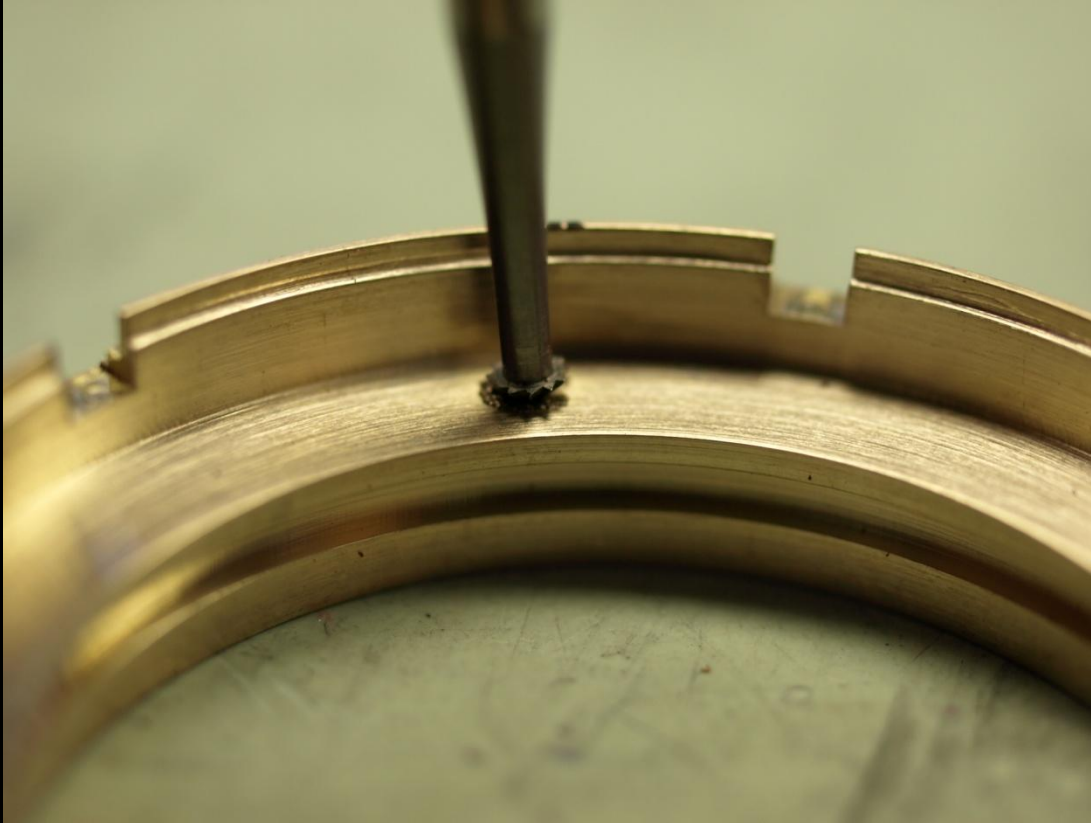
Best regards
Your dear friend

All lot of work is done by hand . Finishing and preparing the movement holder ring



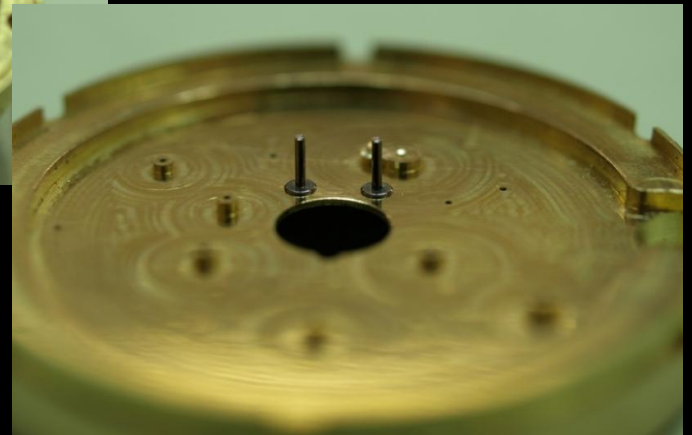
Cutting the threads
0.8m.





Removing burs and making a small chamfer

Riveting the pivots for the "hands"





Engraving





The engraving of the movement is finished and placed the first time in the movement holder ring.







THOMAS PRESCHER
HAUTE HORLOGERIE

Dear Thomas,

I've never imagined how small the figure will be. I took again a 1.- CHF coin to compare the size.

Best regards
Your dear friend

My dear friend,

Indeed it is quite small and the engraver had to give her best. I think it came out very good. Now we are making the case.

*Best regards
Thomas*



Preparing case parts



Polishing the attaches of the case



Assembly of the case

*My dear friend
Assembling and finishing of the
movement is done.
So the day has come to have the
first look on the result.*

*Best regards
Thomas*

Dear Thomas,
It was one of the most
interesting experiences I ever
had in my time as an art
collector. It was not so easy for
me, because it was necessary
to decide what I like. as it looks
like.

Best regards
Your dear friend



The movement is ready for encasing



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