



# *Introduction*

## Company

**1980** Unimex NV. established, location: Beringen Belgium. Initially our company started as a sales & production firm. Sales: Started as R&D-centre for Thermal drilling applications and distributor for Belgium and France.

**Production:** Big companies like Peugeot (automotive) and Assenburg (furniture industry) relied on our expertise to make quality bushes with tapped thread for their most important parts as a subcontracting company.

By combining these 2 activities we gained a lot of experience in thermal drilling - producing precision bushings in thin metals.

**1994** It was quite natural, having this know-how and experience, we followed up during the nineties starting our own production line of Thermal drills and Cold form taps: **FORMDRILL™**.

**Goal:** Provide customers with high quality tools at very competitive prices and excellent technical support.

Our "**Formdrills**" and "**Formtaps**" are well known all over the world, thanks to our precision tools and pricing. Our current market share is 45%

**2003** New production facility with the newest CNC grinding machines and inspection tools.

**Goal:** Higher production volume, more flexibility in design and higher quality.

**2005** **Goal:** Increasing production capacity with new machinery (fully automatic line).

**2006** New office is established in the Netherlands.

**Goal:** New office in China Shanghai this to improve our sales in Asia.

**2007** New office is established in the republic of China

New automatic production line installed

**2008** Opening operations in North America



# *Technique*

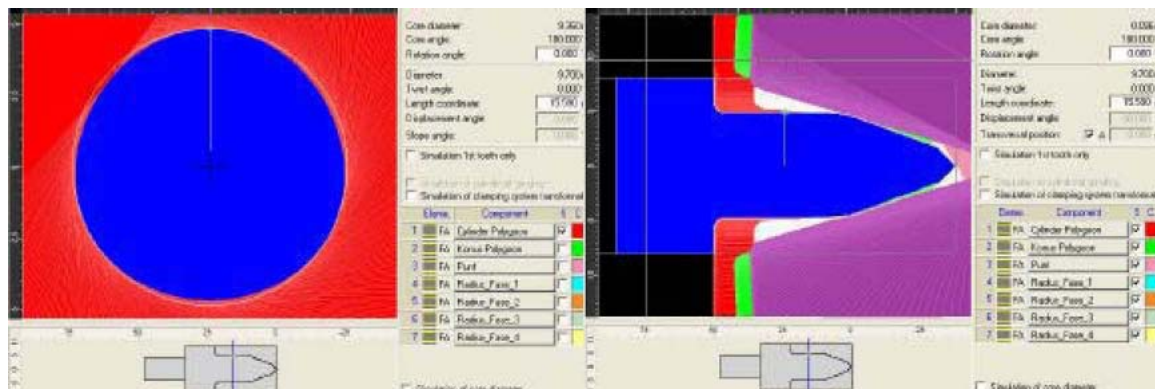
## Machinery and inspection equipment

-All our machines are multi-axis CNC High precision grinding machines. -Latest software (PC-platform) with custom made (in house designed) modifications. -Automatic loading and unloading of tools. -2D and 3D simulation of tool geometry -Fully automatic and CNC driven measuring equipment Technique

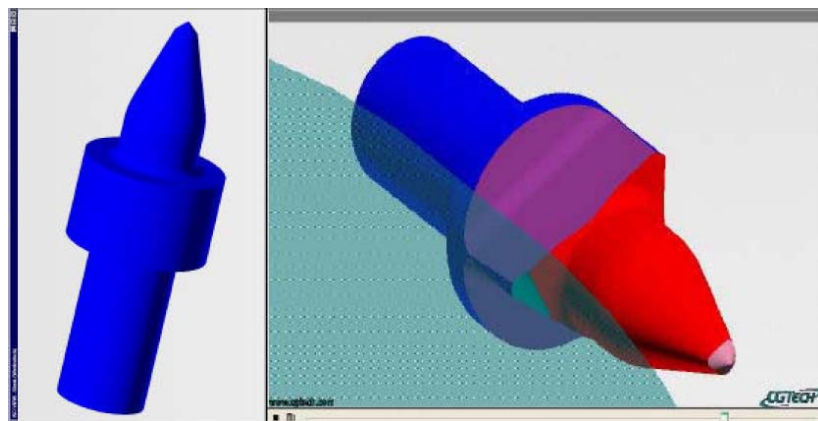
## Advantages

-Shorter production times -More flexibility in design (special requirements for special applications) -Higher precision of the finished tools -Repeatability through CNC controls - 100% quality control -24/7 production

## 2D Simulation



## 3D Simulation

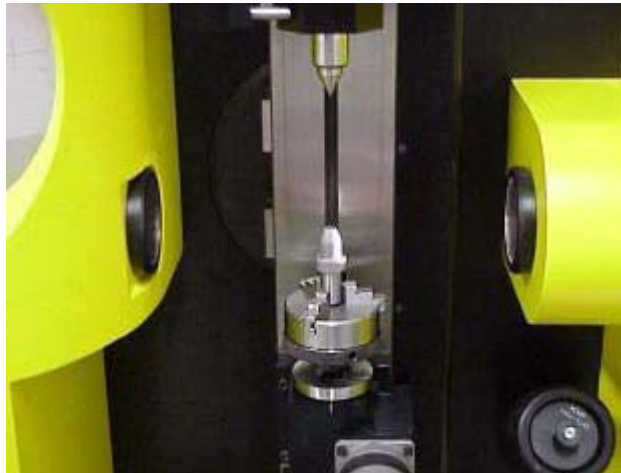


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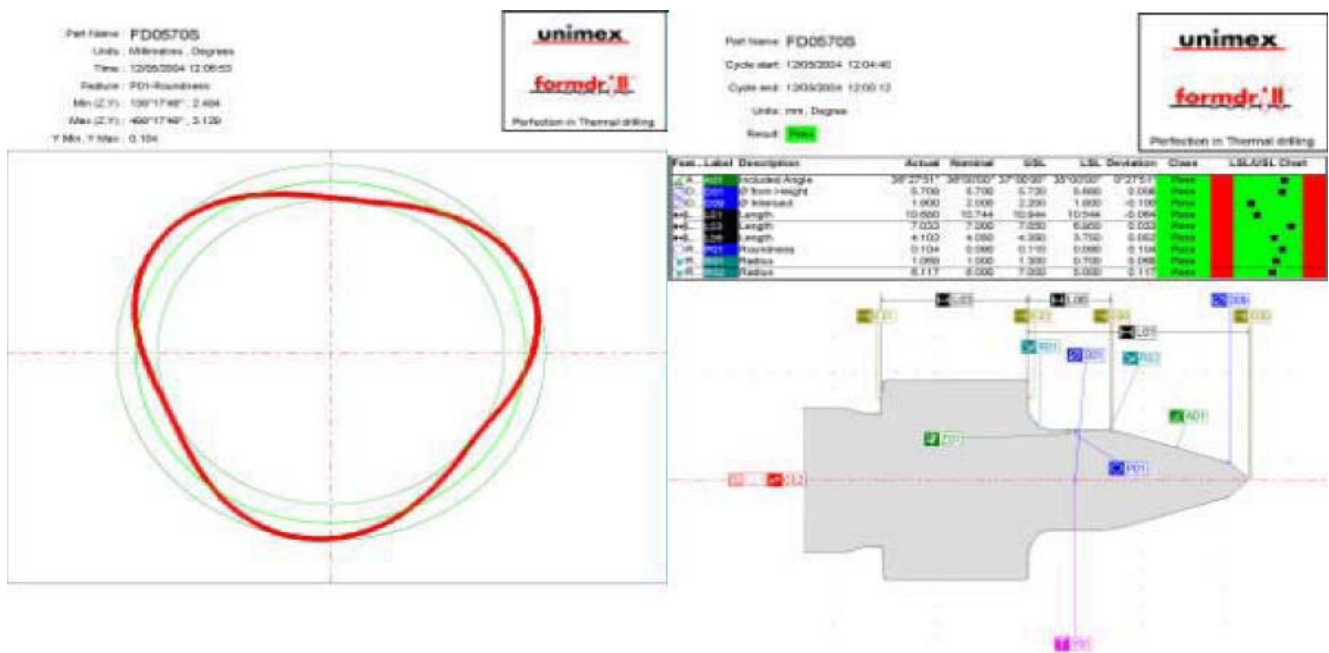
[www.formdrill.com](http://www.formdrill.com)



# Technique



## Inspection reports





# *TT-Room*

## TT-Room: Testing and Training Room



**Testing room:** We have several different machine types to our disposal to perform tests for the end user.  
In this way we can provide customers with the right parameters for their production.

### **Machines**

- CNC-machine
- Hydraulic units
- Pneumatic units
- Hand feed machines (Drill press)
- Mechanic feed machines

**Training room:** Fully equipped Multi media training room for training Formdrill-distributors or Formdrill-users

In here we train people how to use Formdrill in a production environment. This room is also used for meetings with customers in order to develop new applications.



# *System*

## For our contact information

Company: UNIMEX NV.

Address: Scheepvaartkaai 3  
3500 Hasselt  
Belgium

Phone: +32 (0)11 247740

Fax: +32 (0)11 247741

E-mail: [info@formdrill.com](mailto:info@formdrill.com)

Web: [www.formdrill.com](http://www.formdrill.com)

Contact : Mr. Luc Van Der Steen  
Mr. Arne Van Der Steen