

## CZL Tilburg BV

The optimisation of the production processes puts a heavy burden on entrepreneurs in the most widely varying high-tech sectors. Once there is no further prospect of new cost-saving possibilities, the smallest details are relevant. Based on a quarter of a century of experience in surface processing, CZL Tilburg manages to realise a higher production-process efficiency. The distinguishing added value can be found in the extension of the lifespan, the increase in capacity and valuable parts becoming more durable. As specialists in the field of overhauls, repairs, upgrades and maintenance of complex tools, special products and parts/machine parts, CZL is proud of the modifications it makes to machines and parts.



### CZL Tilburg B.V.

#### Surface techniques

Company Location 1056

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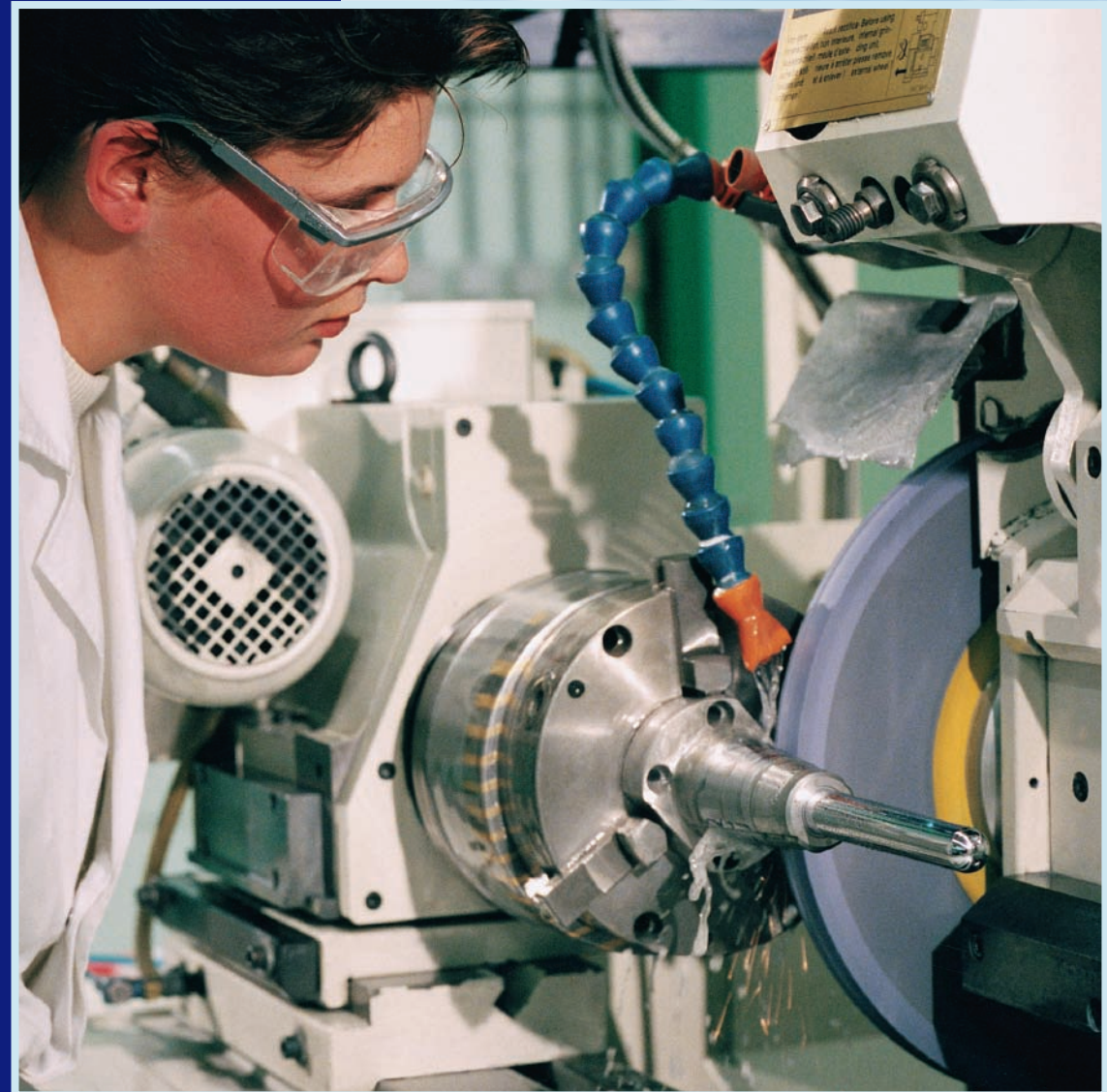
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### CZL Tilburg B.V.

#### Surface techniques

Precision grinding

Repairs







*Complex processing with added value*

## Repairs

The repair and modification of process-critical parts and tools require extremely careful processing. In the first instance, this applies to dimensional tolerances. In the second instance, it applies to the careful handling of often extremely costly die parts and tools.

CZL Tilburg can realise highly complex repairs and modifications satisfying the strictest norms. Leading high-tech clients from the aeroplane, pharmaceutical, CD and DVD opticals, semiconductors and plastics, machine and device construction sectors are happy to entrust their vital tools to CZL.

In chromium-hardplating, nickel-plating, micro-TIG welding and laser welding - in combination with various types of machine processing - CZL equals or exceeds the quality of the original. The specialist in complicated surface processing controls the most widely varying process techniques in order to restore the original dimensions within the allowed tolerance values. In addition to reduced operational costs, it also results in longer lifespans of the machine park.

*Tolerances in the micrometre range*

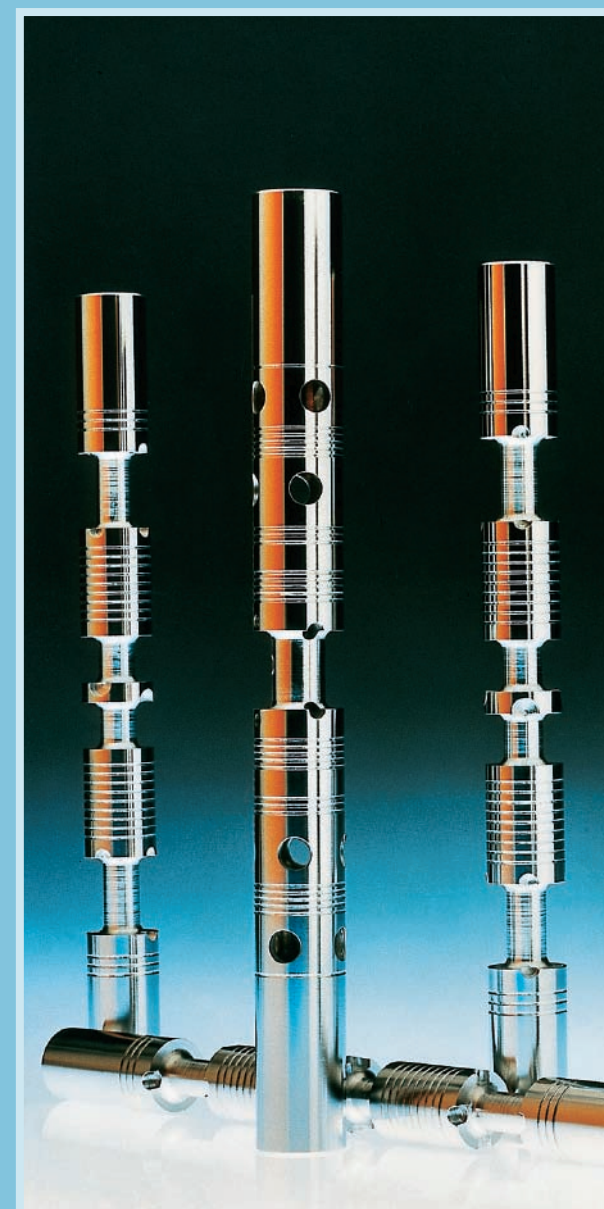
## Precision grinding

In disciplines that are the domain of especially strict quality norms, the machining of tools and parts is reserved for highly qualified professionals – professionals who in addition to a sound training and years of practical experience, have highly advanced machines and means of measuring readily available.

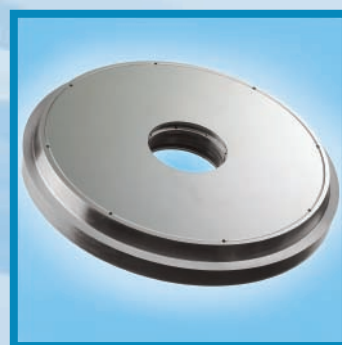
CZL Tilburg is regarded by many as the reliable partner for the precision grinding of technically high-quality components. The accurate activities in the micrometre range are carried out in house under conditioned circumstances.

In the specialized discipline of flat- and cylindrical grinding, CZL is known as a distinguishing trend-setter for the world market. Our references therefore list many big names in the sectors of semiconductors, CD and DVD opticals, aeroplanes, mould-injection, and punch and die construction.

CZL is specialised in, for example, grinding single pieces, small batches and high-tech prototypes.



## Applications:



- Overhauls
- Modifications
- Upgrades



## Fields of application:

Grinding as the final processing step for precision tools and high-tech prototypes. The grinding operations are carried out by CZL Tilburg satisfying branch-specific norms, which can result in the production of a certificate.