

C.P.T.
Präzisions Werkzeuge





ABOUT US

We are one of the world's leading manufacturers of high quality precision tools.

After the establishment of the company in 1988 we achieved through continuous development fast achievements and could consolidate our position in the market.

As a family owned company we are geared to long-term development and to expand our market position continuously.

We supply customers in more than 120 countries from the automotive industry, mechanical engineering, the oil industry, the aerospace, medical technology, shipbuilding and the energy industry.

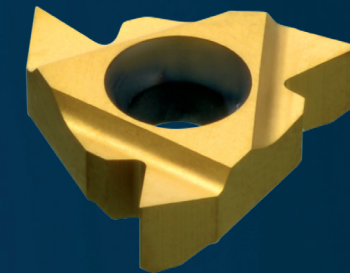
From the beginning our philosophy was to convince with highest quality, precision, speed and flexibility. It is close to our hearts to offer our customers competent advices and every conceivable support.

We go to work with enthusiasm and passion, improve ourselves continuously and invest with vision - our continuing growth confirms the chosen course.

Customer satisfaction is on our focus. As a highly motivated, competent and self-responsible team we are striving for based-on partnerships and long-term cooperations with our customers.



COMPETENCE AND VISION



Our core competence is Thread Turning
and Thread Milling

By investing in new technologies,
innovation and know-how we increase steadily our
broadly-based portfolio.

Our vision is always to meet new challenges to fulfill every
actionable desire from our customers and to provide the
best possible service.



Energy Industry Oil Industry Shipbuilding Mechanical Engineering

WE PRODUCE FOR

Rail Transport Automotive Industry Aerospace Medical Industry

PRODUCTS

SPECIAL TOOLS

Our special tool segment offers all technically possible solutions for the wishes of our customers. Due to the short response time and short internal routes, we can ensure fast production and delivery of special tools. We guarantee a 100% function of the tool.

TINY TOOLS

Our Tiny Tools are ideal for medical and small component manufacturing. All boring bars have through coolant along the shaft, therefore the coolant hits directly the cutting edge. This ensures a soft cut and chips are getting removed as well

THREAD TURNING

We guarantee constant thread turning with precise geometry and surface quality at the highest level. With our innovative coatings we can handle materials up to 62HRc. Our inserts are 100% profile ground.

THREAD MILLING

In the field of thread milling we offer a large product portfolio.

Whether miniature, spiral or vertical thread milling cutters, for all applications we have the right solution.

GROOVING INSERTS

Our grooving inserts have three precision ground cutting edges.

The same CPT holder can be used for grooving and thread turning if the anvil is changed to 0°. Therefore, the tool costs are optimized.



PRODUCTION

Through decades of experience and the steady further development of our production processes as well through our state-of-the-art production facilities, we are able to optimize our production depth and fulfill almost all customer requests.

Our inserts are 100% profile ground after the sintering process.

You will reach the highest possible geometry and surface finish with our tools. All inserts and solid carbide threading tools have an ultra-fine grain quality to achieve the best possible results.

QUALITY

The constant education of our employees, the use of state-of-the-art machines and software as well as clearly defined and certified processes, guarantee the highest quality of our products. This is how we meet ours and the customers' requirements.

In such sensitive areas as medical and dental technologies or in aerospace engineering where tools are facing the toughest materials and conditions our tools perform in precision and also reach a long and reliable tool life.

The certification according to ISO 9001: 2015 and our comprehensive quality management system emphasize compliance with the strictest quality guidelines.

We are certified according to:

- ISO 14001:2004
- ISO 13485:2003
- OHSAS 18001



RESEARCH DEVELOPMENT



We invest continuously in our R & D so we can meet the requirements of our customers. The requirement for thread turning of hard and tough materials has increased over the years.

We have a few solutions for the toughest cases: Thread turning inserts for machining > 40HRc.

HBA Technology:

Titanium alloys and superalloys (Hastelloy, Inconel and nickel-base alloys) for hardened steel and cast iron up to a hardness of 62 HRc

Advantages:

- long tool life and heat resistance
- excellent durability of the inserts

BLU Technology:

PVD triple layer coating for stainless steel and exotic materials up to 52HRc
- precise, fast and silent thread turning
and exotic materials up to 52HRc

Advantages:

- precise, fast and silent thread turning



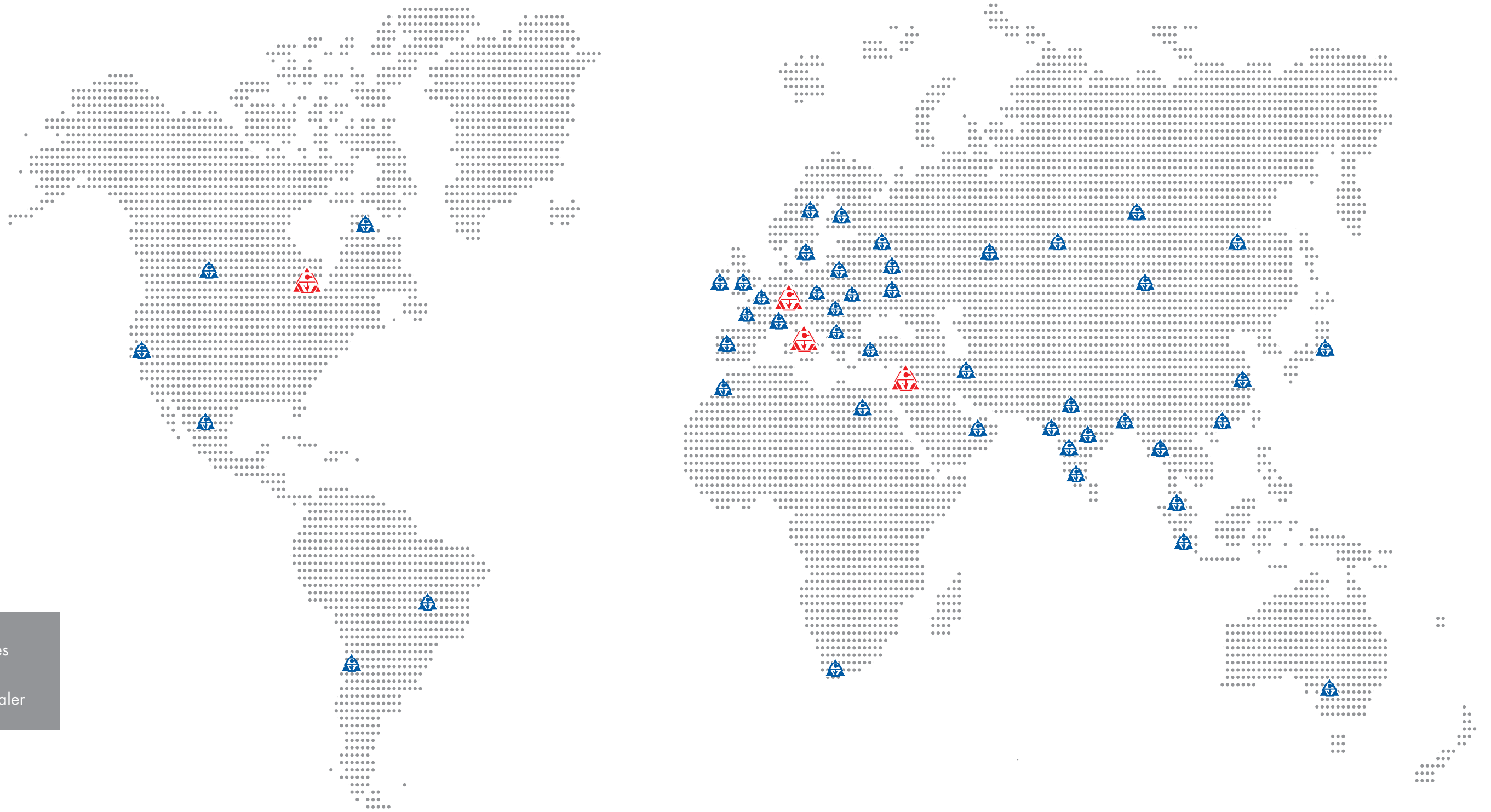
CPT SOFTWARE

Tool selection and CNC programming

With our thread milling and thread turning software you will find the right tools for your requirements. At the same time, it will create a CNC program for your desired CNC-Cont



GLOBAL NETWORK



Branches



Wholesaler



*Our blue planet is a
wonderful home.
It's future is our
future.*

Dalai Lama

OUR CONTRIBUTION TO ENVIRONMENTAL PROTECTION

In the field of ecology and climate protection our company sets a good example. Sustainability and the preservation of our environment is a solid part of our corporate policy.

We use resources effectively - in harmony with the nature. By switching to a paperless office we promote and support the consciousness of sustainable action. The usage of professional filtration equipment is just one example of our active contribution to environmental protection.

We are convinced: together we can shape a sustainable future.

We are certified to ISO 14001:2004.

CPT Präzisions Werkzeuge

Danziger Straße 1
71691 Freiberg am Neckar

Tel.: +49 (0) 7141 / 14239-00

Fax: +49 (0) 711 / 14239-20

info@cpt-gewindewerkzeuge.de

www.cpt-gewindewerkzeuge.de