



**ZCC-CT**

ZHUZHOU CEMENTED CARBIDE CUTTING TOOLS CO.,LTD.



[WWW.ZCCCT.COM](http://WWW.ZCCCT.COM)

## Brief introduction



Zhuzhou Cemented Carbide Cutting Tools Co.,Ltd. (**ZCC·CT**) is a subsidiary company of Zhuzhou Cemented Carbide Group Corp. Ltd.(ZCC) located in Hunan province China.

With 53 years experience in the manufacture of cemented carbide products, a team of enthusiastic design engineers working with the worlds most advanced technology and equipment, **ZCC·CT** has the perfect combination to lead China in the production and distribution of superior quality indexable carbide cutting tools long into the future.

### History of **ZCC·CT**

1954 Zhuzhou Cemented Carbide Works founded, indicating the beginning of cemented carbide production in China.

1988 Introduced advanced technology and equipment for the production of high precision indexable cemented carbide inserts for use in the area of metal cutting.

1992 Solid carbide cutting tool and end mill production line was founded with the introduction of international technology and equipment.

2002 Zhuzhou Cemented Carbide Cutting Tools Co Ltd. founded.

Cemented carbide indexable insert production line, and solid carbide cutting tool production line was transformed by the introduction of advanced technology and processing equipment sourced from respected international suppliers.

Research and development division enhanced by an ever growing team of highly skilled engineers working full time to improve and expand the range of solid carbide cutting tools, indexable inserts and tool holding systems.

2005 Further introduction of advanced technology and equipment for the production of ceramic inserts adds another string to the bow of **ZCC·CT**

**Spirit of enterprise.** Pursue Hardness and Diligent limitless.

**Core theory.** Good faith creates value.

**Sales theory.** World's tools, sharp tools for wealth.





## *Research and Development strength*

Highly trained research & development staff work continuously in the area of cutting tool material substrate development, coating material technology and chip-breaker design of precision indexable inserts, and also conduct testing of newly designed tools prior to marketing.

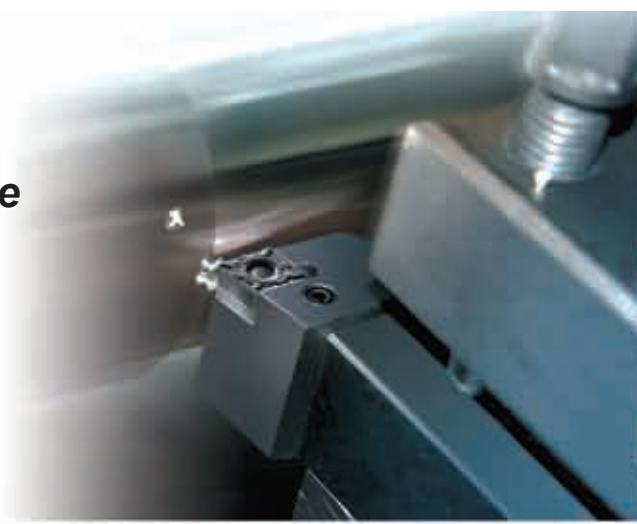
**ZCC-CT**'s Research & development department is the most advanced and modern scientific research base in China for the purpose of cemented carbide cutting tool development.



## High precision cemented carbide indexable insert production line

**ZCC-CT** has 20 years experience in high precision cemented carbide indexable insert manufacturing. Our Nano coating PVD,CVD grades, uncoated grades, cermet grades and PCBN / PCD grades cover all material groups(P, M, K, N, S, H) coupled with corresponding chip-breakers suitable for various materials.

**Finishing, semi-finishing and roughing geometries offer higher efficiency and lower costs.**



### Turning inserts



### Milling inserts



### New grade series inserts





## ***Solid carbide cutting tools and end mill production line***

High precision solid carbide cutting tools and end-mill production line can provide various standards (DIN,ANSI,JIS,GB) of solid carbide end-mills, drills, reamers and threading tools for the modern manufacturing industry, such as the die and mould industry, automotive industry, aviation and aerospace industry, machine tool industry etc. **Our experts can design custom made tooling to suit your specific requirements.**





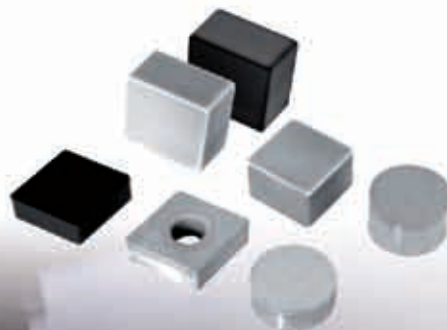
## ***Cutting tools and toolholding system production line***

**ZCC-CT** produce a full range of corresponding tool holders, milling cutter bodies, drill bodies, turning, grooving, precision boring and threading tools, saving manufacturing costs and improving production efficiency for the modern manufacturing industry.



## ***Ceramic inserts production line***

Ceramic inserts are used mainly for difficult materials such as cast iron and hardened steel, and are available in turning and milling styles.



## Service

**ZCC-CT** provides high precision, high efficiency reliable cutting tools for modern manufacturing in industries such as the die and mould industry, automotive industry, aviation and aerospace industry, home appliance, machine tools, petrochemical industry, railway engineering etc.

**ZCC-CT** also provides the ultimate metal working solutions with a total commitment, and numerical controlled machine technical training services to our customers. Our product engineers are available to discuss special machine problems with you in order to gain the most satisfaction from our cutting tools.





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