rtc
CARBIDE TECHNOLOGY

Milling Tools

G-Mill
Universal Milling

Hard Mill
Hard Material Milliing

Alu Mill
Aluminium Milling

Cr Mill
Stainless Steel Milling

Hole Making

G-Drill
Universal Drill

IN-Drill
Universal Drill

Alu-Drill
Aluminium Drill

Reamers

Special Tools
Grinding & Coating

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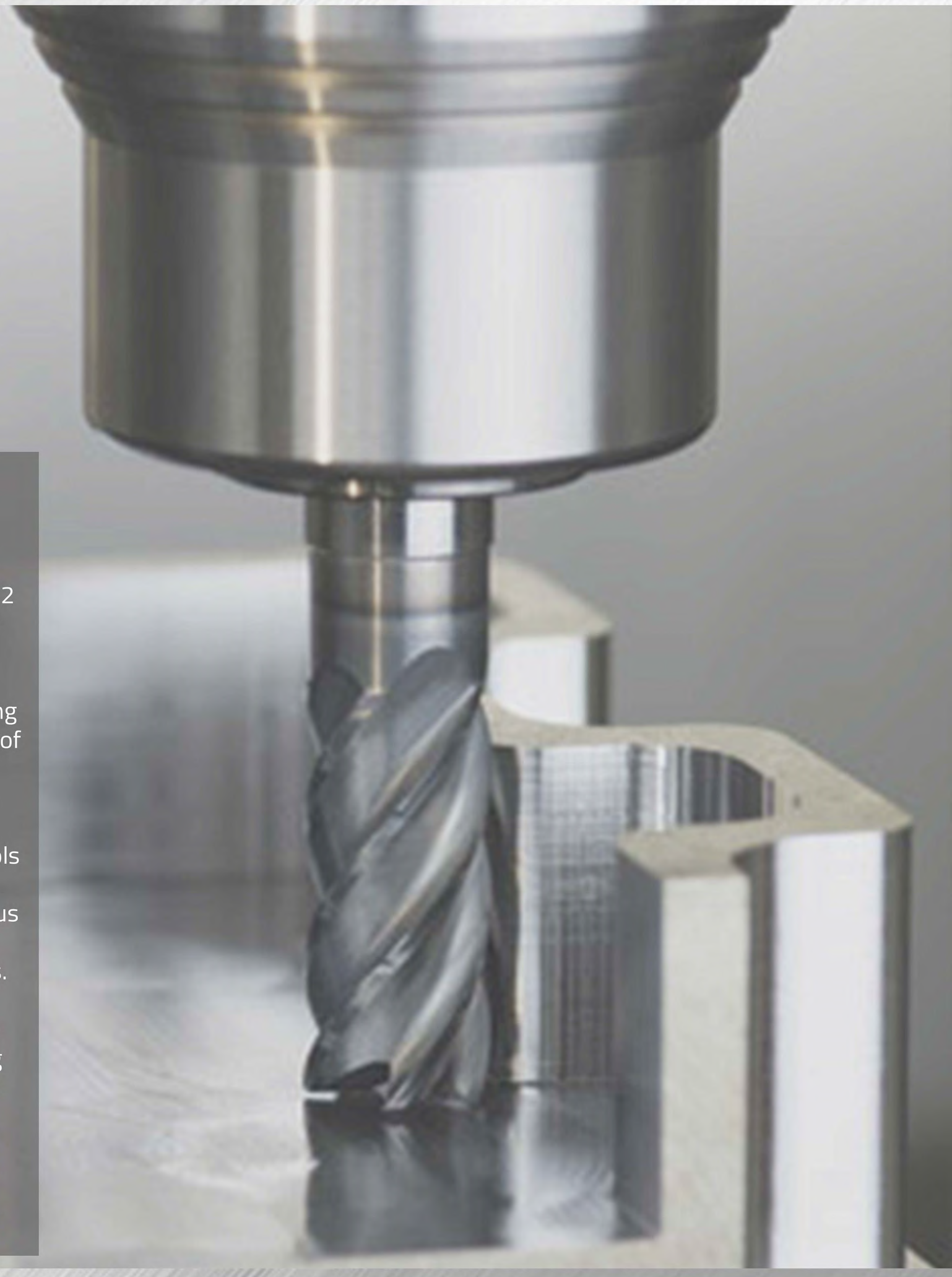
Automotive | Aviation | Defence | Marine | Railway | Machining | Plastic

CARBIDE TECHNOLOGY

MILLING
DRILLING
CUSTOM TOOLS
GIRINDING & COATING

SOLID METAL CUTTING TOOLS



RTC CARBIDE TECHNOLOGY

Rtc is one of the pioneer quick couplings manufacturer with more than 250 employees on its own facilities in 12 different countries and exports more than 55 countries worldwide.

After 30 years of experience of developing and producing quick couplings, in 2019 Rtc has established a new line of products and a team of research and developers for carbide tools production.

Rtc offers its customers reliable and precise carbide tools with its highly experienced R&D teaam and aims to be the "Solution Partner". Our passion for precision drives us to produce high quality carbide tools. We are designing most proper and right tool for the production processes.

Rtc, has become an expert producer for custom carbide cutting tools with the spirit of innovation and its cutting edge technologies. To provide right tools in a very short notice Rtc is improving its capacity day by day and becoming one of the most important suppliers for the industry.

Automotive
Aviation
Plastic
Marine
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Defence

SOLID CARBIDE CUTTINGS TOOLS

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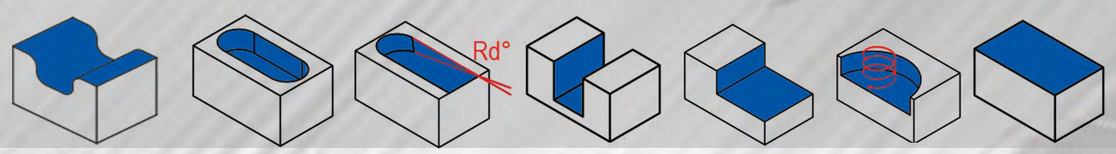
CARBIDE TECHNOLOGY

MILLING

G-Mill
Universal Milling

2,4 and 6 flutes with optionally cutting edges can be either chamfered, corner radiused, sharp edged or ball nosed. Rtc Milling Tools have longer lifetime with our improved AlTiN PLUS coating. Suitable for;

Suitable for;
Hardened Steel
Alloy and Non-alloy steel
Stainless Steel (general purpose)
Cast Iron



P M **K** N S H

Hard Mill
Hard Material Milliing

From rough milling to semi finished operations on hardened steel (<55Hrc) "HardRed Mill" shall be used as the first choice

For finish operations on hardened steel (<65Hrc) "HardBlue Mill" advised to be used.

Hardened Steel
Profile Milling

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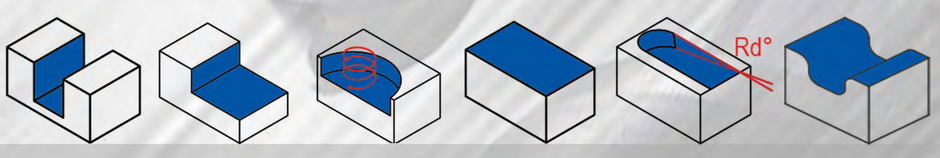
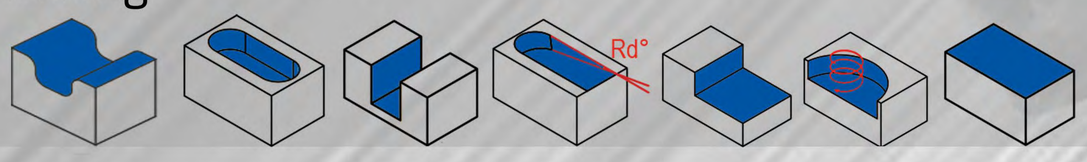


Alu-Mill
Aluminium Milling

2 and 3 flutes are available and as an option cutting edges can be manufactured either chamfered, corner radiused, sharp edged or ball nosed. Alu- mill can be used in non-iron materials such as, aluminum, brass, copper, graphite and etc. It has cutting polished surface to remove metal chips easily that specially developed for faster and precise machining.

Slot Milling
Profile Milling
Surface Milling
Slope Milling



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Cr-Mill
Stainless Steel Milling

Cr-Mill can be manufactured in 4, 5, 6 and 8 flutes with optionally cutting edges can be either chamfered, corner radiused, sharp edged or ball nosed.Suitable for slot and side milling. With the help of two-core geometry it reduces vibrations to minimum (chatter-free) Cr-Mill is designed for milling hard materials such as , titanium, super alloy and etc.

Stainless Steel
Titanium Alloy
Super Alloy

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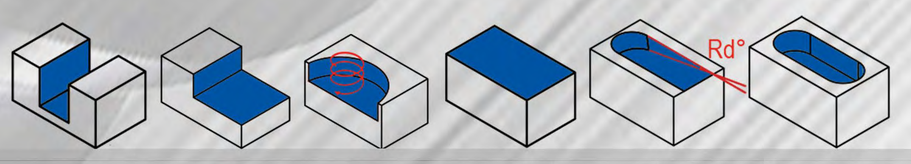

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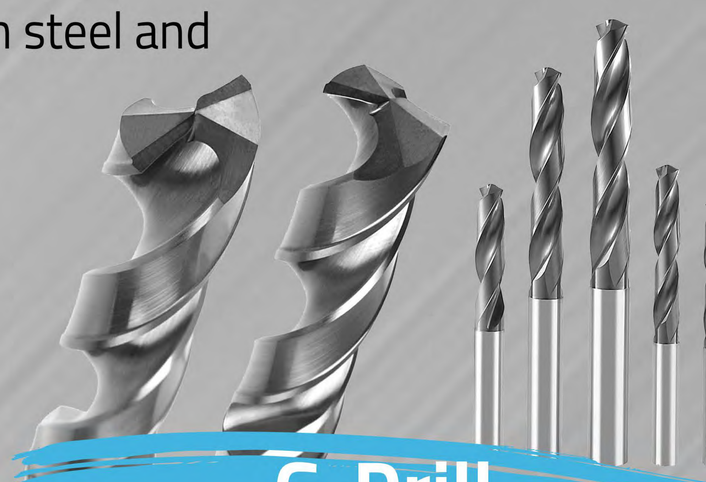
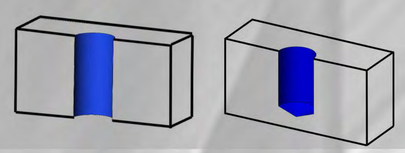
HOLE MAKING



G-Drill
Carbide Drill

G-Drill offers extraordinary surface quality and top performance in high speed cutting on steel and cast iron with its improved flute form. Also G-Drill can be grinded up to three times.

G-Drill is suitable for;
Alloy and Non-alloy steels,
Stainless Steel (General Purpose)
Cast Iron



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IN-Drill
Carbide Drill

In-Drill is especially designed for steel and cast iron. To get the maximum surface quality and performance In-Drill must be used with 20 Bar pressure water

In-Drill is suitable for;
Alloy and Non-Alloy steels,
Stainless Steel (General Purpose)
Cast Iron

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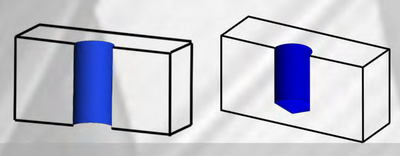
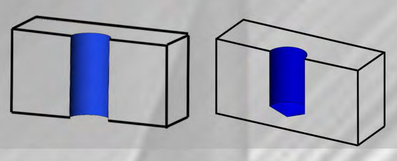


Alu-Drill
Carbide Drill

Alu-Drill is designed for using in Non-Iron materials. With the help of its top level polishing and unique type of flute design Alu-Drill can reach maximum performance and surface quality in high speed cutting.

Alu Drill can be used in,
Non-Iron materials
Aluminium
Brass
Graphite and Thermoplastics.



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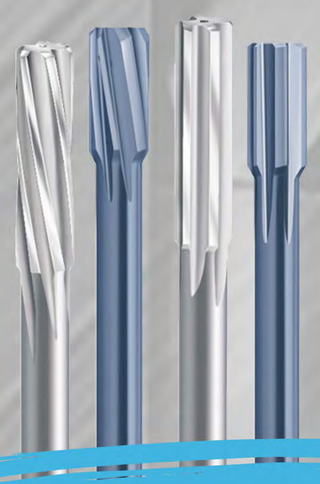
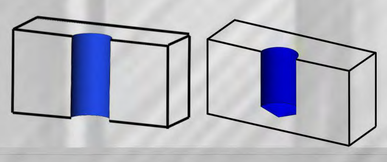


Reamer

Carbide reamers can prevent cylindricality problems in holes with its indivudual bearing design. Rtc carbide reamers have up to 25% lifetime because its improved AlTiN PLUS coating.

Carbide Reamers can be used in,
Steel and Stainless Steel
Reamers are compatible with ER pens

P M K N S H



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CARBIDE TECHNOLOGY

CUSTOM CUTTING & GRINDING TOOLS

SPECİAL TOOLS

Our experts in the R&D team can design and produce custom tools according to your process's needs and can be delivered in a short notice.

Custom carbide tools are designed and produce in our high technology plant in Istanbul and Rtc can offer competitive pricing for all custom carbide tools. Which will bring big cost advantage by decreasing the cycle time on the process.

Special Tools

GRINDING SERVICES

Rtc also offers grinding services to reduce your production costs and maintain manufacturing quality as high as possible at all times.

We can grind all types of dull tools and deliver to you in a special designed tool boxes. Due to the facte that the production cost will be decreased rapidly by using the same tool for much longer time.

Grinding Services

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GLOBAL PRESENCE – INTELLIGENT SOLUTIONS!

MEET US ALL OVER THE WORLD

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