

Maximize the productivity

TTETEC.EU

**Special tool
in carbide**



**Drills
Step Drills**

**Reamers
Step Reamers**

End Mills



IMPROVE YOUR EFFICIENCY WITH US

MANUFACTURED

100% ITALY

By your side for over 20 years

ACHIEVE THE HIGHEST LEVEL
OF QUALITY IN PRODUCTION



Photo: Our new headquarters.

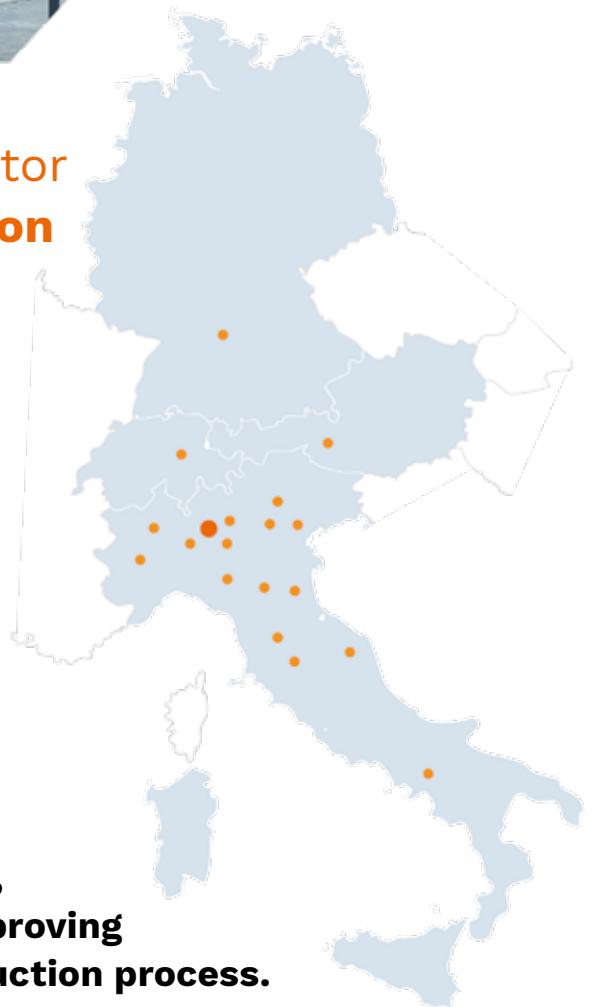
TTE is a leading company in the sector of **design, production and distribution** of drills and end mills, both special and standard.

Over 20 years of experience in milling and drilling, have allowed us to offer our customers high quality **technical solutions**.

Our offer includes **specific products suitable for each sector** and special geometries for all needs of milling and drilling performances.

All products benefit from our experience.

” **Customers not only purchase a product, but also tested solutions aimed at improving the quality and efficiency of the production process.**



EXPERIENCE
AND EXPERTISE

Markets where we work

AEROSPACE

Stainless Steel, Titanium and Aluminum.



MEDICAL

Titanium and CrCo Alloys.



FASHION

Brass Pb free, Gold and Silver.



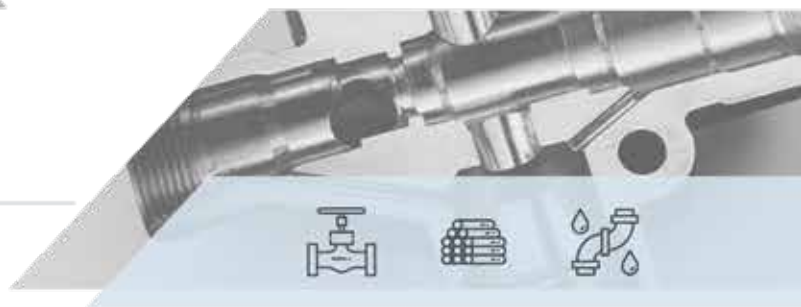
OIL & GAS

Super Alloy, Inconel and Duplex.



HYDRAULIC & PNEUMATIC DISTRIBUTORS

Cast Iron, Aluminum, Steel, Plastic.



AUTOMOTIVE

Alloy Steels, Aluminum and Titanium.



Type of we made

SPECIAL

Here are some **technical features** that characterize our products:



WATCHES, JEWELLERY
AND FASHION

We create **complex geometries** with right and left cutting edges to eliminate vibrations and increase surface quality.



AEROSPACE,
OIL & GAS

We perform specific rounding treatments on the cutting edge to **ensure durability, excellent surface quality**, thus ensuring profile tolerances.



MEDICAL - GENERAL
APPLICATION

Each tool has a identifier number that uniquely links it to production and **quality control**.

tools in carbide



AUTOMOTIVE, HYDRAULIC

We produce **solid carbide drills** with guiding skates and step drills, both with coolant holes or without.



PNEUMATIC DISTRIBUTOR

We produce reamers with **tolerances below 5 microns.**



Rely on our experience and expertise to achieve your tool, or Choose a product line customized by TTE.



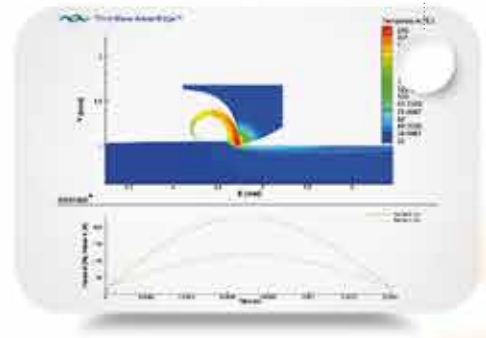
OEM

Technology

DESIGN

FROM 2021 WE HAVE INCLUDED THE FEM TO DESIGN YOUR TOOL.

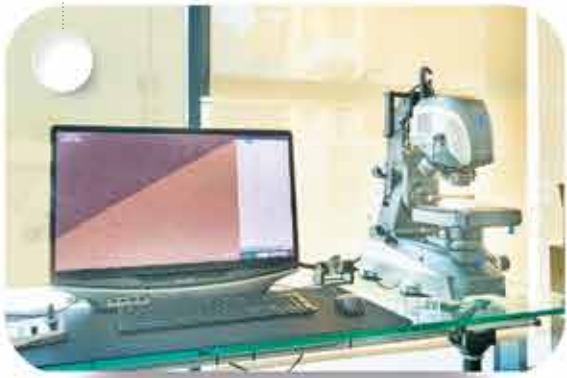
WE ARE ABLE TO DEFINE MORE AND MORE BEST GEOMETRIES SUITABLE TO YOUR NEEDS, AND THUS REDUCE SET-UP TIMES OF THE TOOL. WE OFFER YOU HIGH-PERFORMANCE AND PROVEN RESULTS.



INSPECTION

THE LAST STAGE IS THE VISUAL INSPECTION TO VERIFY THE ADHESION OF THE COATING AND ITS UNIFORMITY.

ALL CUTTERS ARE POLISHED WITH A POST COATING PROCESS TO IMPROVE SURFACE ROUGHNESS THUS INCREASING EVEN BY 30/40% THE SMOOTHNESS OF THE CHIP.



Your Tool Certificate



CHECKING & VERIFYING GEOMETRY

WE CHECK 100% OF THE TOOL GEOMETRY.

A SPECIFIC ANALYSIS ALLOWS US TO ALWAYS GUARANTEE YOU THE SAME TOOL. YOU WILL HAVE CERTIFICATED RESULTS IN TERMS OF PERFORMANCE, TOLERANCES AND FINISHES.



to make **100%** PERFORMANCE

PRODUCTION

LATEST GENERATION GRINDING AND SHARPENING MACHINES.

TEMPERATURE-CONTROLLED PRODUCTION DEPARTMENTS.



DIMENSIONAL CONTROL & CERTIFICATION

EACH TOOL LASERED THE BATCH OF PRODUCTION FOR TRACEABILITY AND ATTACHED THE CERTIFICATE OF INSPECTION.



ROUNDING & POLISHING PROCESS

SINCE 2017 WE HAVE STARTED TO STUDY POSITIVES EFFECTS OF ROUNDING ON CUTTING EDGES THAT INCREASE THE TOOL LIFE.

BENEFITS: INCREASED CUTTING SPEED AND FEED AND BETTER FINISHING ON THE SURFACE.

TODAY WE DESIGN SEVERAL DIFFERENT TYPE OF ROUNDING AND POLISHING ACCORDING TO YOUR NEEDS GUARANTEEING YOU UP TO A 30/40% INCREASE OF THE TOOL LIFE.



DO YOU NEED
SAVE TIME?
YOU NEED TTE.



For more information visit our website
and the online technical tools.

TTETEC.EU

FOLLOW US ON



MANUFACTURED



100% ITALY

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