



# REGRINDING



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## **UOP S.p.A.**

### **Headquarter**

**(Offices & Production)**

Via Vittorio Emanuele II, 30

25030 Roncadelle (BS) Italy

Tel. +39 030 27821 | Fax +39 030 2782099

info@uop.it | servizio.clienti@uop.it | customer.service@uop.it

### **UOP S.p.A | Cellatica**

**Tools & PVD coatings**

**Plant - Cellatica (BS)**

Via Caporalino, 15

25060 Cellatica (BS) Italy

Tel. +39 030 2782640

servizio.clienti.cellatica@uop.it

### **UOP S.p.A | Veneto**

**Tools & PVD coatings**

**Plant - Campodarsego (PD)**

Via Caltana, 120/C

35011 Campodarsego (PD) Italy

Tel. +39 049 9201558

servizio.clienti.veneto@uop.it

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[www.uop.it](http://www.uop.it) | [www.megatool.it](http://www.megatool.it) | [www.megahero.it](http://www.megahero.it)

# SINCE 1966

UOP S.p.A. is a company that produces solid cutting tools for metal cutting applications.  
It was founded in 1966 and in 2003 became a member of the IMC Group.  
Thanks to its continuous growth, the company is now a reality appreciated on an international level.

Our headquarters in Roncadelle (Brescia) are home to our Technical, Production, R&D, Warehouse and Logistic, Administration, Commercial and Marketing departments. UOP Cellatica and UOP Veneto are two new operational units with which the company is aiming to further consolidate its presence on the local market.



## QUALITY ASSURANCE

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Knowing that complete customer satisfaction is essential for the success of the Company,  
in 1997, UOP was awarded with **Quality Assurance System ISO 9001 certification**.  
In June 2008 we obtained the **Aerospace Quality Management System certification UNI EN9100**,  
of which the Standard of Excellence is world renowned,  
further confirming our commitment to our customers.



AEROSPACE  
CERTIFICATION  
UNI EN 9100

# STANDARD TOOLS

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The standard range of round tools produced by UOP represents one of the most complete proposals on the market. It comprises **end mills, drills, reamers and core drills in full solid carbide and end mills, milling cutters, reamers, core drills, countersinks, taper end mills, form cutters and miscellaneous tools in powder metal and HSS-E. New and innovative tools are launched every year as state-of-the-art solutions for machining even in the toughest and most challenging conditions.** An excellent stock level, as well as the use of automated warehouse shuttles allow us to provide fast and efficient order processing and shipping with next day delivery to all the European countries.

# SPECIAL TOOLS

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The design as well as the production of special tools represent a focal point in UOP S.p.A.'s strategies and have proven to be a real competitive advantage for the company. **We produce special tools in full solid carbide, in powder metal and HSS-E, in brazed carbide** with any profile or tolerance that our customers require, which we obtain thanks to the use of CNC machines of the latest generation. EDM Technology allows us to produce tools with complex geometries. The high precision optical measuring system used during in process controls and in the final stage of quality inspection guarantees the conformity of the tool. **The application of our Quality Assurance Management System procedures allows an accurate data management enabling to obtain a sure repeatability of the production process and consequently of the products.**

# RESEARCH & DEVELOPMENT

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*AEROSPACE, AUTOMOTIVE,  
POWER GENERATION,  
MEDICAL, DIES AND MOULDS,  
GENERAL MACHINING*

Our company philosophy is to constantly improve the quality and the performance of our tools. Investments amounting to approximately 5% of our turnover are allocated annually to our Research and Development department.

A team of specialists is dedicated to selecting the best raw material available on the market, to the study of new geometries and new PVD coating techniques, carrying out tests with CNC milling machines.

A close collaboration with our customers, allows us to understand the specific requirements of the different industrial sectors (**Aeronautical & Aerospace, Automotive, Power Generation Medical, Die & Mould and General Machining**) and propose practical and efficient solutions so as to introduce concrete and tangible advantages in terms of productivity.





# PVD COATINGS

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The centres are equipped with prestigious departments for the deposition of PVD (Physical Vapor Deposition) coatings on cutting tools where, by means of machines with the latest technologies, appropriate coatings are carried out for every machining requirement: from classic TiN to the latest generation HDP (High Density Plasma) developed for very high performance.

**The coating cycle of a tool consists in several phases: the initial cleaning and pre-coating preparation to remove oils and impurities caused by the sharpening operation, the coating operation, a post-coating polishing treatment to further enhance the performance of each coating type. The final quality control operation guarantees the quality of the coating as well as the entire production cycle.**

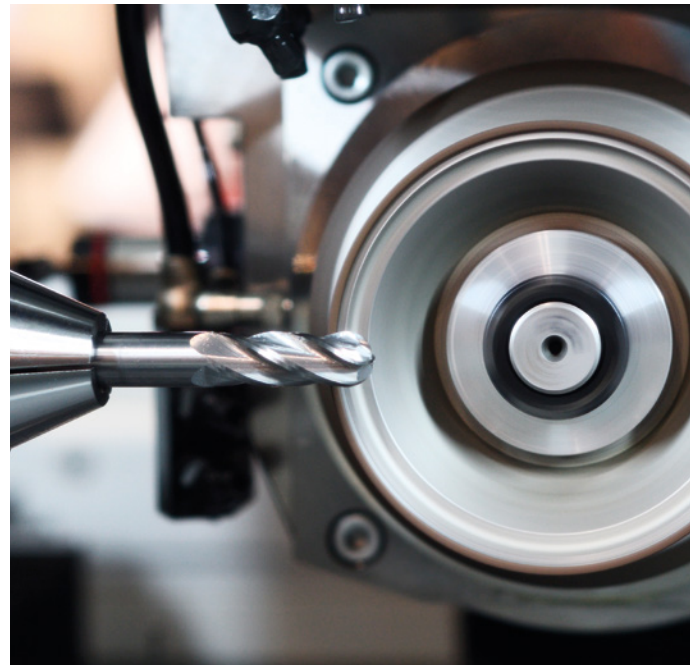


# REGRINDING TOOLS

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Equipped with sophisticated technologies and modern CNC machinery and managed by competent and experienced staff, the UOP Cellatica and UOP Veneto offices are centres of excellence for the re-sharpening of tools in any geometry in full solid carbide, powder steel and HSS-E.

**Drills, cutters, reamers, and any other tool can be re-sharpened and therefore reused, eliminating wear due to mechanical and thermal stresses generated during the use of the tool.**





[www.uop.it](http://www.uop.it)

