

# Valentini Utensili Speciali

Know How  Made in Italy

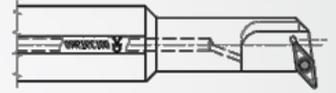
## METAL CUTTING TOOLS

---



# RANGE OF PRODUCTS

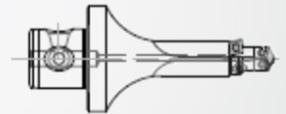
## 1. SHAPE MANUFACTURING TOOLS



## 2. FIX HOLE DRILLS



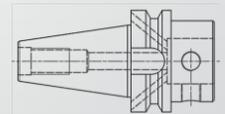
## 3. VALVE HOLE DRILLS



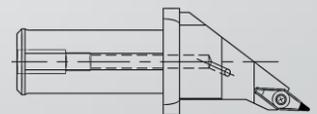
## 4. INSERTS



## 5. TOOL-HOLDER MANDRELS



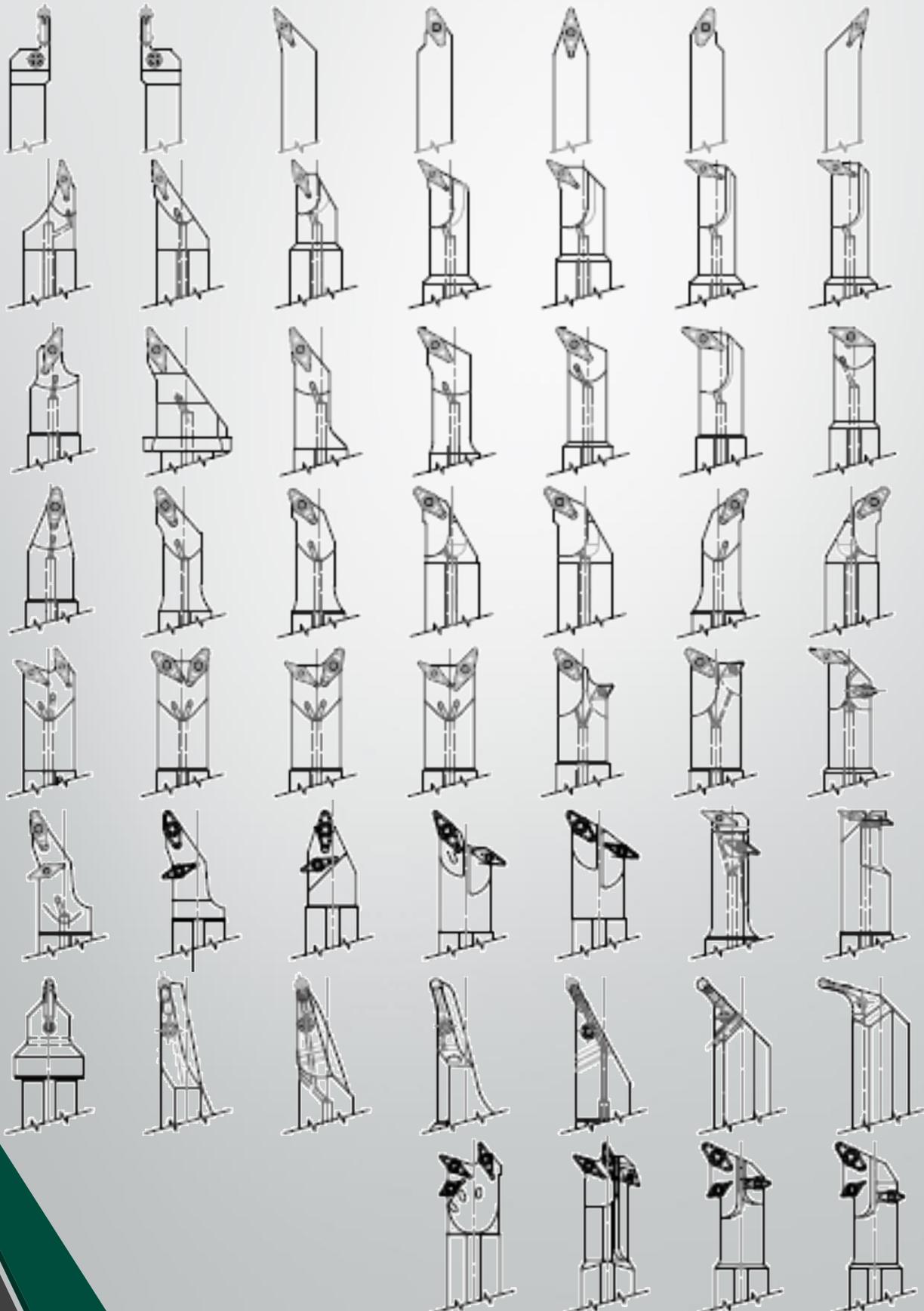
## 6. DIAMOND CUT TOOLS





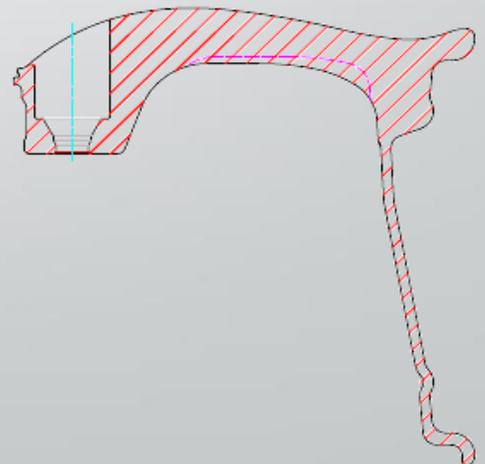
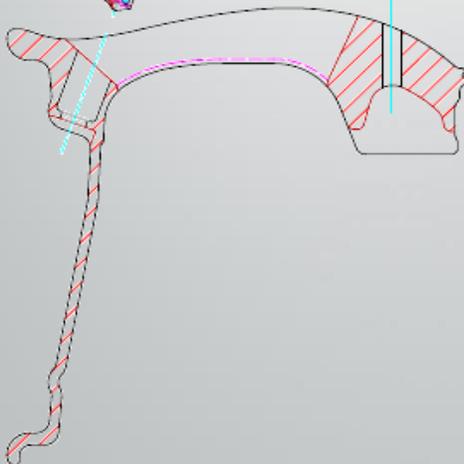
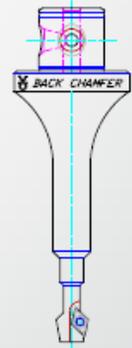
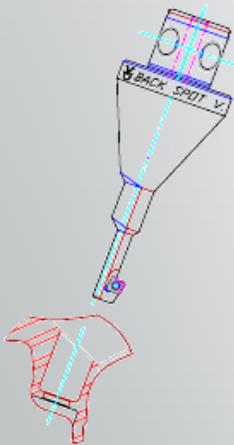
# I. SHAPES MANUFACTURING TOOLS

Many solutions are possible according to different personalization



# HOLES MANUFACTURING

We provide several types of fix hole drills, valve hole drills, chamfering, back chamfering tools and back spot valve hole



## 2. FIX HOLE DRILLS

Drills are available in many different versions and can be equipped with a carbide-cutting brazed end portion...

### FIX HOLE DRILLS



Carbide brazed drills



Carbide/PCD inserts



Carbide/PCD blades

### BACK CHAMFERING TOOLS



Carbide/PCD inserts

## 2. FIX HOLE DRILLS

...as well as with removable carbide or PCD inserts and blades

### FIX HOLE DRILLS



Carbide brazed  
drills



Carbide/PCD  
inserts



Carbide/PCD  
blades

### BACK CHAMFERING TOOLS



Carbide/PCD  
inserts

# 3. VALVE HOLE DRILLS

Valve hole drills can be equally provided with a carbide-cutting brazed portion or with modified inserts

## VALVE HOLE DRILL



Carbide brazed  
drills



Carbide/PCD  
inserts



Carbide/PCD  
cutter

## BACK CHAMFERING TOOL



Carbide/PCD  
inserts

# 3. VALVE HOLE DRILLS

## VALVE HOLE DRILL



Carbide brazed  
drills



Carbide/PCD  
inserts



Carbide/PCD  
blades

## BACK CHAMFERING TOOL



Carbide/PCD  
inserts

## 4. INSERTS

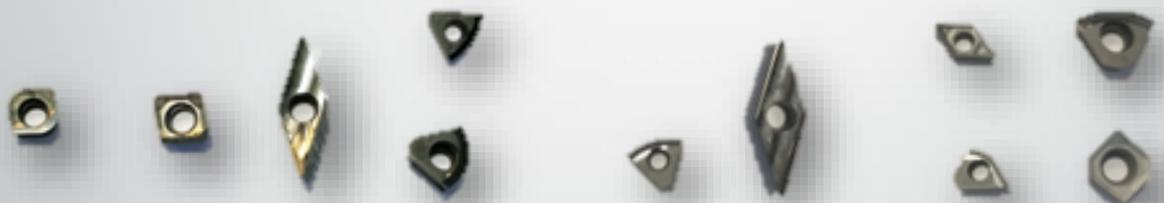
Inserts are provided according to cutting geometries and different applications.

We supply both standard and modified inserts, PCD weld inserts and sharp inserts according to your technical needs.

### TURNING PCD INSERTS



### DRILLING CARBIDE AND PCD INSERTS



### BLADES



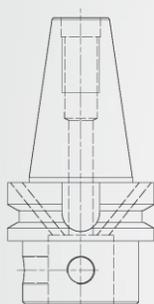
### INSERT TIPS



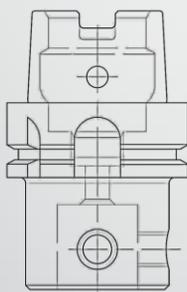
# 5. TOOL-HOLDER MANDRELS

All of our drills are equipped with a modular clamping system to set them up in the chip removal machine

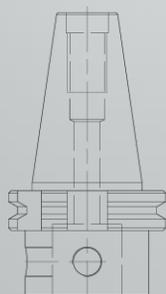
## CLAMPING MANDRELS SYSTEM ISO40 BT



## CLAMPING MANDRELS SYSTEM HSK63 TYPE A



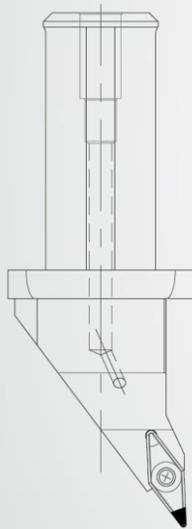
## CLAMPING MANDRELS SYSTEM ISO40 DIN 69871



# 6. DIAMOND CUT FINISH

We equally produce a wide range of diamond cut tools which PCD inserts of all brands

## DIAMOND CUTTER WITH PCD INSERT



## DIAMOND CUTTER WITH PCD INSERT

