



**Fiudi**  
Diamond Tools



Diamond Tools  
For the aerospace  
industry



# High Tech in the air

Company profile - Aerospace products

# Rotary cutting tools for the aerospace industry

We have the capacity to manufacture tools based on the customer's specifications as well as to design tooling with the avail of our highly experienced engineering staff.

- PCD Countersink Cutters
- PCD Countersink with integrated pin
- PCD Counterbores
- PCD Drills Countersink

We work in collaboration with our customers in order to implement their every request, manufacturing both standard and special tools with the best results in terms of quality, promptness and resource optimization.



## DRILLS / COUNTERSINKING

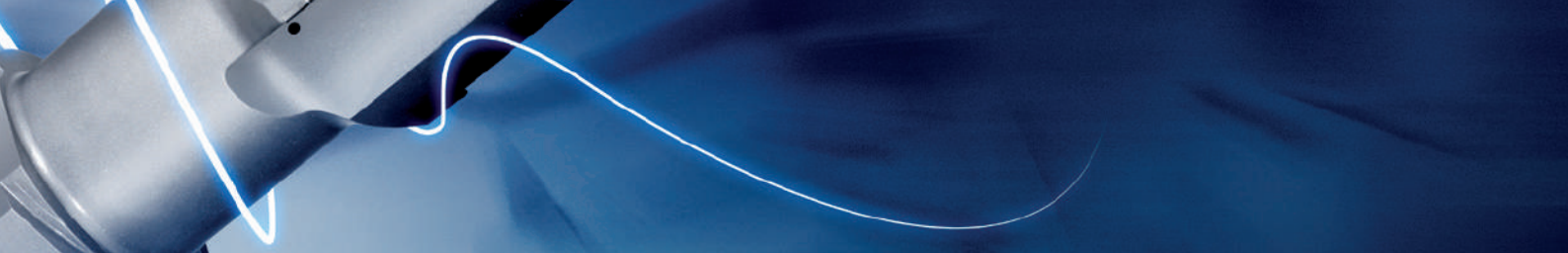
Fiudi has developed new tools in order to prevent delamination and fiber projections during hole machining of new materials such as CFRP and GRFP.

## MATERIALS

CFRP  
GFRP  
PEEK  
PKK  
ALUMINIUM  
HONEY COMB







## COUNTERSINK CUTTERS / CUTTERS FOR CFRP

Fiudi offers a range of cutting-edge products such as milling countersink cutters.

Prevent product edge delamination and achieve shorter machining time and longer tool life, without costly rework.

Fiudi manufactures PCD Countersink for composite materials and Carbon Fibre Reinforced Plastics (CFRP). High quality PCD provides a superior surface finishing of composite materials requiring minimal effort from the operator. The superior PCD characteristics ensure the extended tool life of these cutters.

### COUNTERSINK CUTTERS



PCD Countersink  
Cutter z = 2  
z = 3

PCD Integral-Piloted  
Countersink

Countersinks/  
Radius Tools

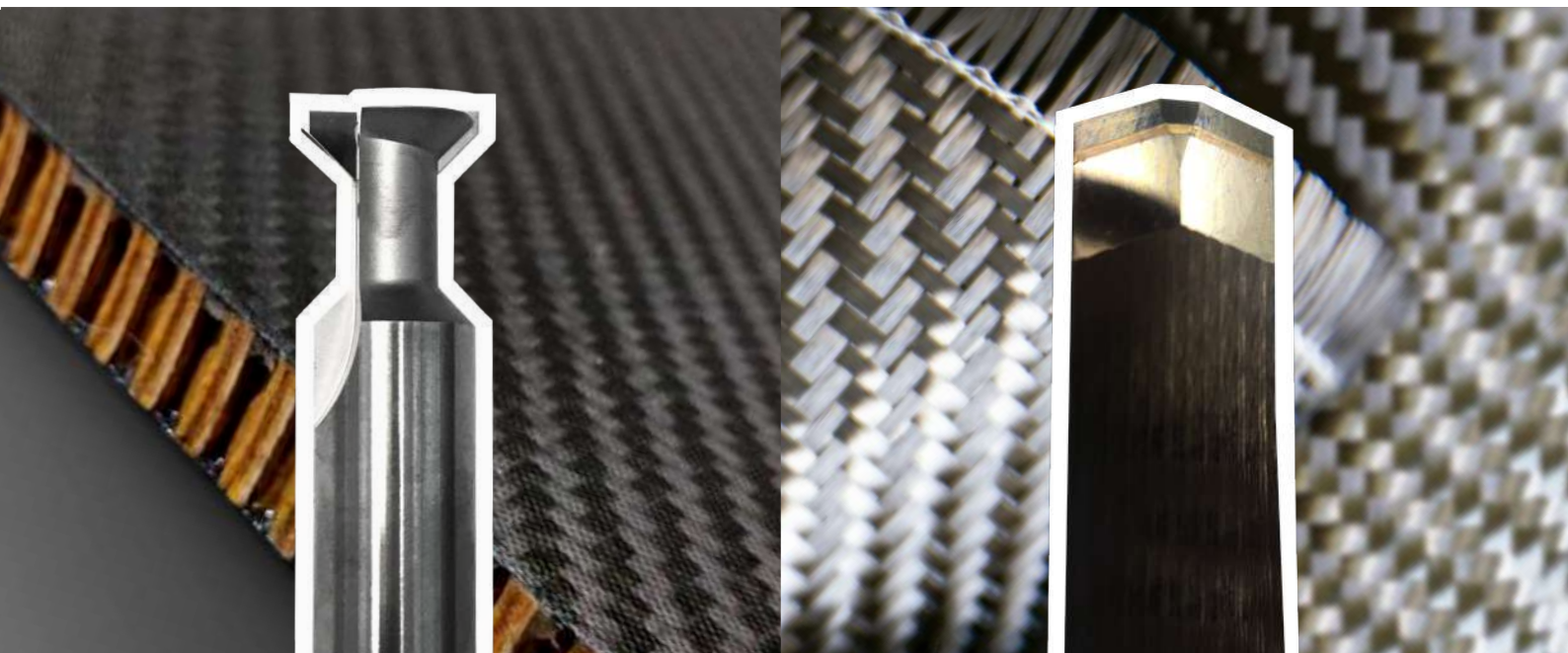
### MILLING TRIMMING



End Mill z = 2  
Cutter z = 3

## OUR EXPERIENCE:

- Cabin doors, portholes (End mill z2-z3)
- Bevel and fitting countersink
- Seats
- Seats anchoring systems
- Wings (flattening and contouring, no internal excavation)
- Helicopter parts aluminium
- Compound dividers





## FIUDI srl - Diamond Tools

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