



# Diamond router bits ITA TOOLS

- Woodworking
- Furniture production
- Machining composite materials



## Polished backside of the PCD tip

Better chip ejection.

## H6 Tolerance of shank

Less runout resulting in increased tool life.

## Surface roughness of shank $RA < 0,3 \mu m$

Less wear of CNC spindle and longer service life of the tool.

## Dynamic balancing class G2.5

Minimize runout, better finishing of the processed material.



## INNOVATION: LASER ABLATION SHARPENING METHOD

New and modern method of sharpening PCD plates.  
Is a much more efficient, reliable  
and cost-effective method.



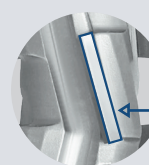
H6



$Ra < 0,3 \mu m$



Class G2,5



Polished

## Diamond router bits ITA TOOLS



### Diamond router bits



**PCD router bit Z1**  
series DT1



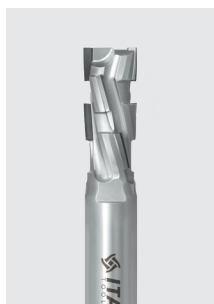
**PCD router bit Z2**  
series DT2



**PCD router bit Pos./Neg.**  
series DTS



**PCD router bit Z1+1**  
series DTA



**PCD router bit Z2+1**  
series DTN



**PCD router bit Z2+2**  
series DTK



**PCD router bit Z3+1**  
series DTE



**PCD router bit Z3+3**  
series DTM



**PCD router bit Z3+3**  
series DTJ



more sizes on  
[www.ita.tools](http://www.ita.tools)

### Diamond profile router bits



**PCD profile  
router bits**



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[www.ita.tools](http://www.ita.tools)

### Diamond router bits for composite materials



**PCD router bits  
for composite  
materials**



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[www.ita.tools](http://www.ita.tools)

Non-standard tools available to produce on request