

- Zhongyuan Super Hard Tools Co.,Ltd

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www.zydiamondtools.com

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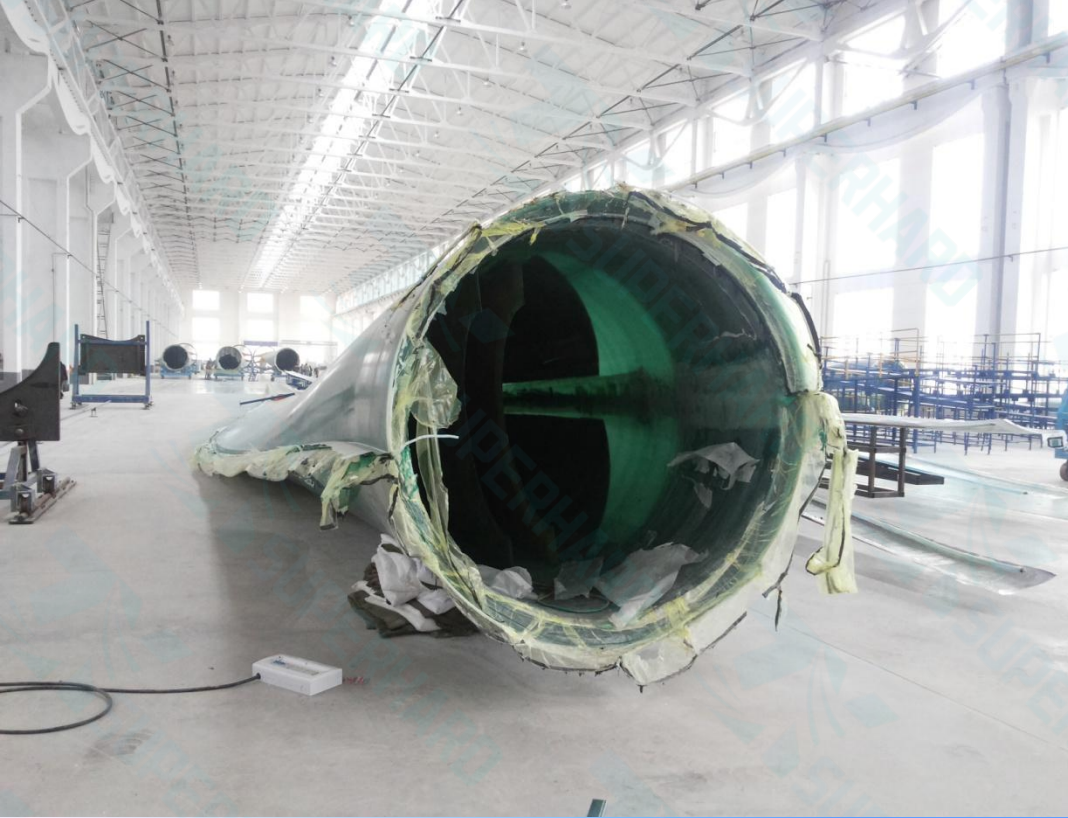
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- Saw cutting blades
- Milling cutters, milling inserts
- Wind Turbine Blades Drilling Tools
- Tool holders with inserts





- Unprocessed wind turbine blade, rough surface, then which kinds of tools are used and we can supply?
- (1)Saw blades for cutting



As shown on the left,
Diamond Saw blades installed
Heinicke machine in Germany

- Dia440mm*5*2.8*30K
- Grit Size D150
- If you need , please supply the detailed drawing with parameters, we produce as the drawing



(2) Surface milling cutter

After cutting by saw blade, the surface is rough and irregular, then need milling.

As shown on the left, this is surface milling cutter.

Dia160mm, the model of pcd inserts installed on cutterhead is SEGW120408/SEGW120412,

We can supply surface milling cutter and pcd full face milling inserts.





- (3)After milling, then drilling.
- We supply pcd drilling tools including tool holder and DFT pcd full face inserts
- The details as follows

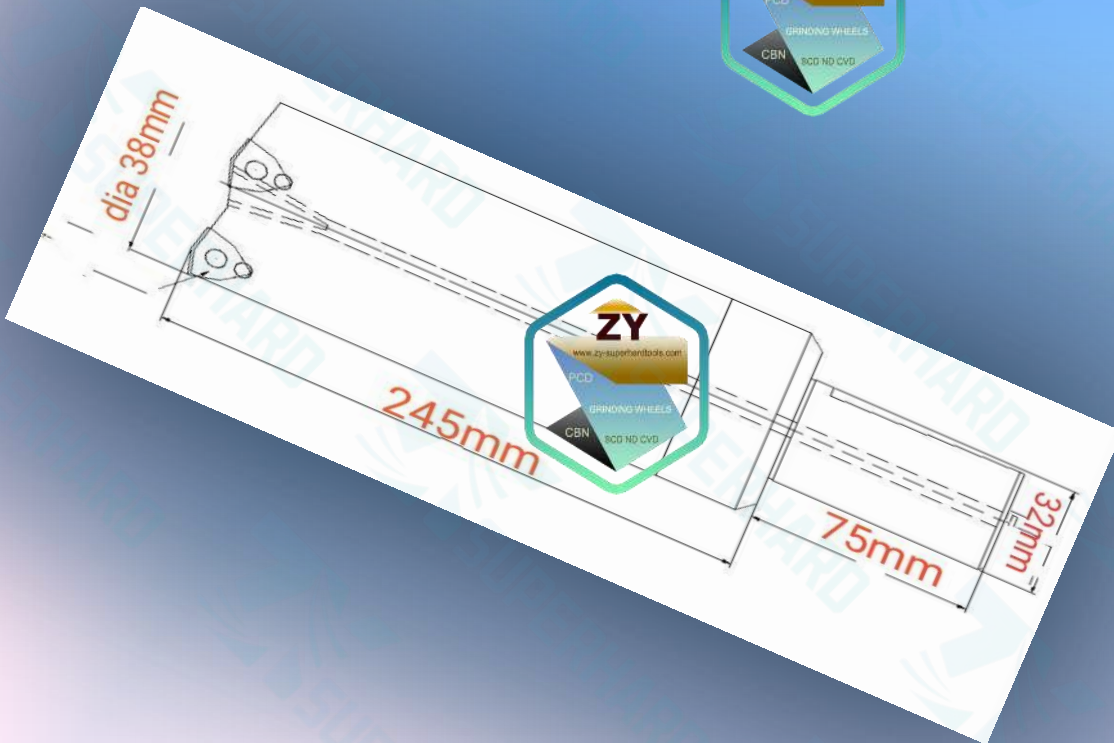


Dia 38mm

tool holder tolerance ± 0.2

also can be customized as the drawing offered by customers

Vertical drilling



Full face pcd inserts

- DFT06T308 or DFT06T305
- One tool holder with 2 pcs DFT06T308 pcd full face inserts



Dia 70mm

tool holder tolerance ± 0.2

also can be customized as the drawing offered by customers

Axial Drilling



Full face pcd inserts

- DFT11505FF or DFT110508, DFT090508
- One tool holder with 2 pcs
- pcd full face inserts



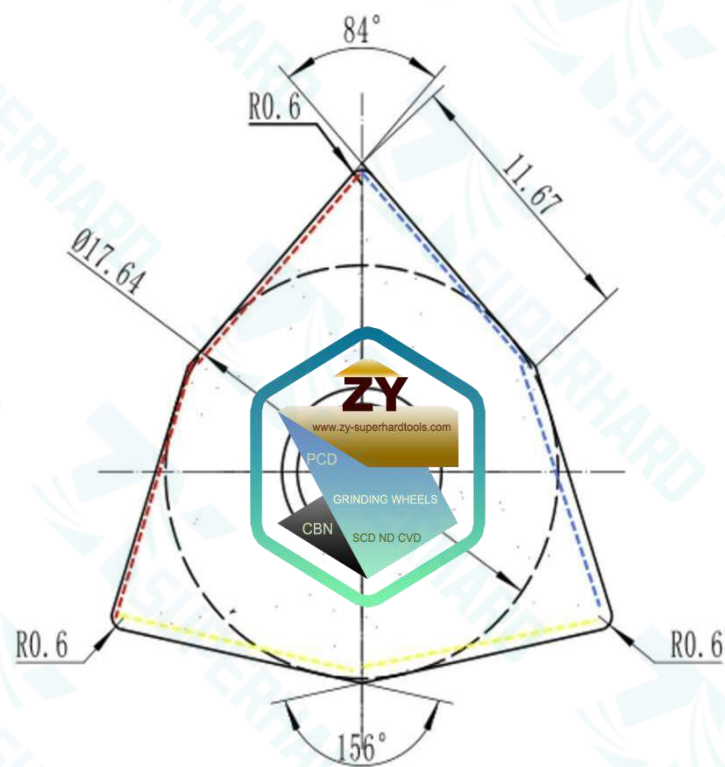
One part can be processed 9-12 wind turbine blades
if one part cant be used again,it can be disassemble the inserts and re-
installed another part.

One wind turbine blade:front and side



one colour line stands one part

one colour line showing 1 part



Tool Holders with Dia70 and Dia38mm the surface of tool holder is **nickel-plated**

