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Engineering machinery industry solutions



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Company Profile

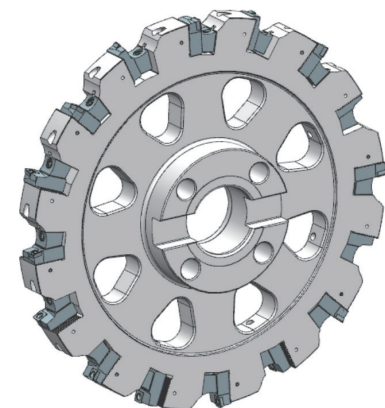
Ganzhou Achteck Tool Technology Co., Ltd. is a wholly-owned subsidiary of Chongyi Zhangyuan Tungsten Co., Ltd. (Listed Company with stock code 002378). The registered capital of Achteck is 1.66 billion USD with 800 employees. The main products include: Coated Carbide Inserts, Carbide Rod and supporting tool holders. Achteck is known for its outstanding R&D competence, production & testing equipment and its coated carbide insert production technology. Achteck produces inserts for Turning, Grooving, Milling and Drilling that are widely applied in automotive, energy, die & mold, general machinery, aerospace and other industries. Achteck Tool is technology oriented, owns a strong research team that keeps on innovating. Having "Benefits from Resources, Reliance on Technologies, Devotion to Humanity and Top with Trust" as the operating philosophy and "Safety, Harmony, Efficiency and Innovation" as the target, Achteck aims to become a well-known brand in the world and a first-class cemented carbide manufacturer in China.



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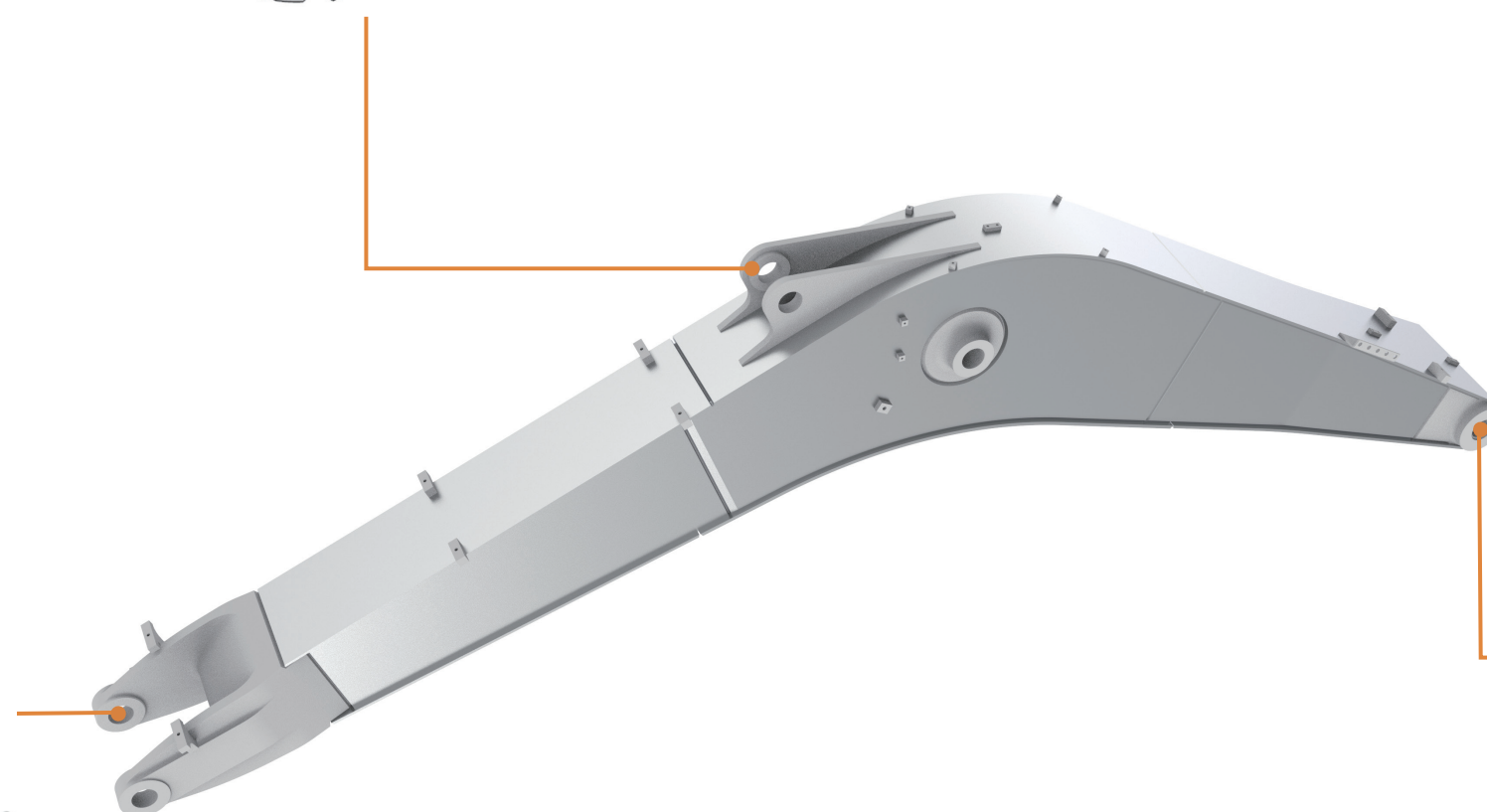
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- Support arm
Material: Steel



Application: Face milling & back face milling
Solution: Achteck special side & face milling cutter

- Tool with cartridges
- Cartridge can be adjusted in the axial direction
- Insert grades are suitable for different materials



Application: Pin hole drilling
Solution: Achteck U drill series
Diameter range: D13-D50

- The insert grades cover P, M, high versatility
- Grades: AP301U, AP351M, AC301P



Application: Rough, finish boring tool
Solution: Achteck boring tool series
Diameter range: D20-D850

- Rough and finish boring tool, big diameter boring tool, antivibration
- finish boring tool, sleeve boring tool
- Special boring tool can be ordered

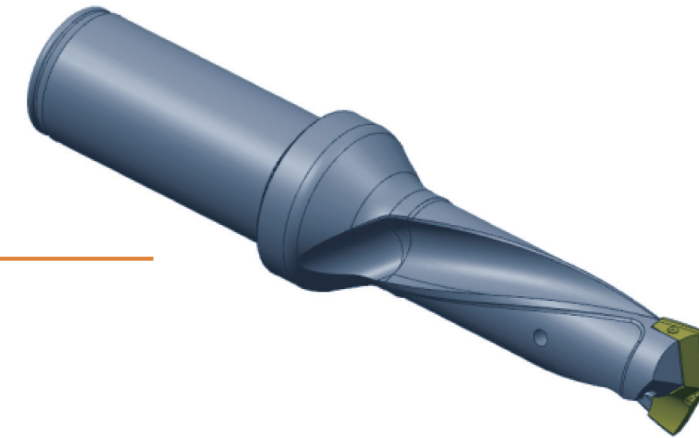
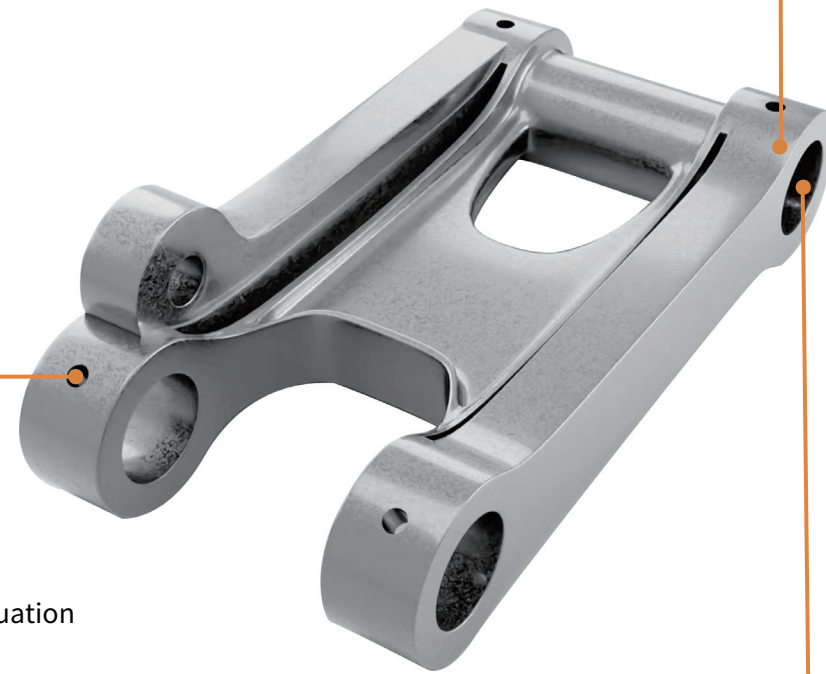


- H shaped connecting rod
Material: Steel



Application: Oil hole drilling
Solution: Achteck solid carbide drill
D106, special cutting tools
Diameter range: D3-D16

- Double spiral coolant hole design is good for chip evacuation
- 140° drill tip angle for general drilling



Application: Bearing hole drilling
Solution: Achteck modular drill
Diameter range: D16-D24

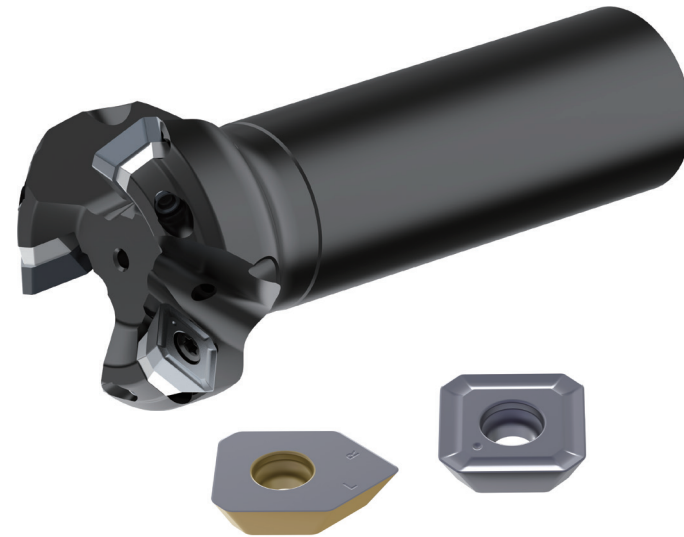
- Modular design, quick change, hole accuracy is up to IT9-IT11
- Reinforced tool body, good stability and rigidity



Application: Bearing hole finish boring
Solution: Achteck DFB series anti-vibration boring tools
Diameter range: D41-D203

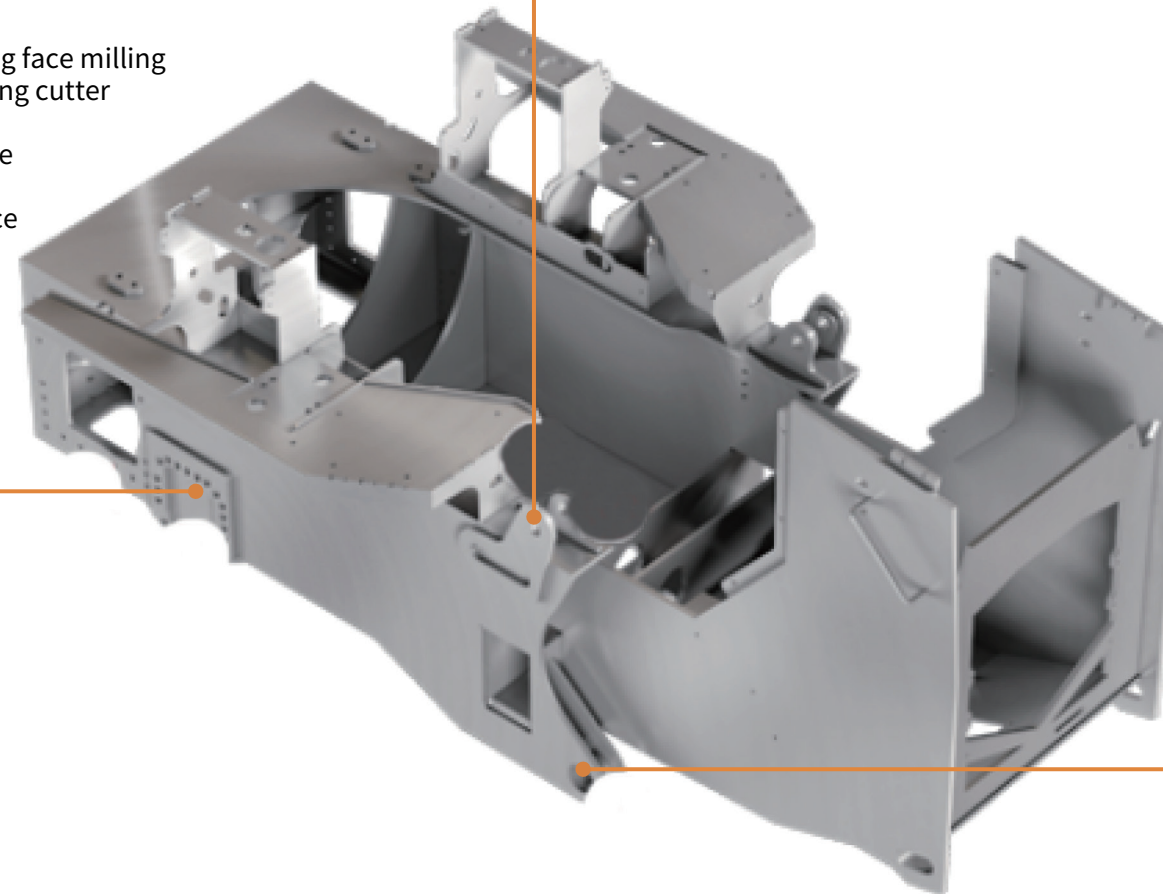
- BBT50 shank and coupling structure ensure the machining accuracy of long overhangs
- Regular maintenance, longer tool life and better vibration reduction.

- Excavator main engine frame
Material: Steel



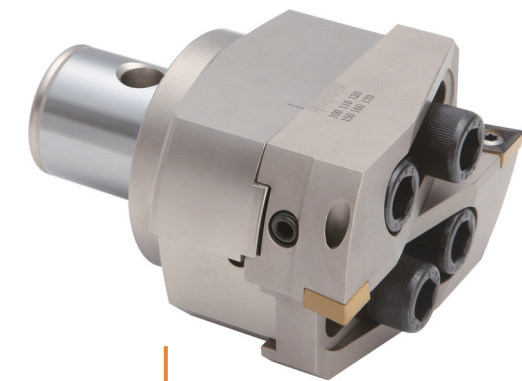
Application: Rough and finish assembling face milling
Solution: Achteck AFM45-SE12 face milling cutter

- Positive insert with big clearance angle
- Positive axial angle for light cutting
- Insert with short wiper for good surface quality



Application: Drilling
Solution: Achteck short hole drilling

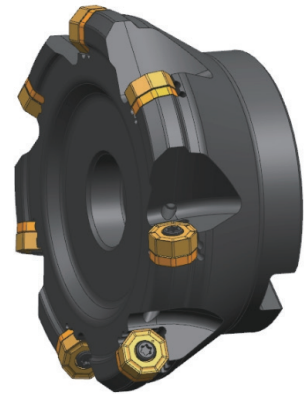
- Universal insert grades are suitable for P, M machining
- For 1xD to 3xD hole drilling
- Drill body with double spiral internal coolant holes, good rigidity, and better chip evacuation



Application: Rough boring hole
Solution: Achteck ARB series rough boring tool
Diameter range: D20-D850

- Internal coolant for better chip evacuation

- Hydraulic valve body
Material: Steel



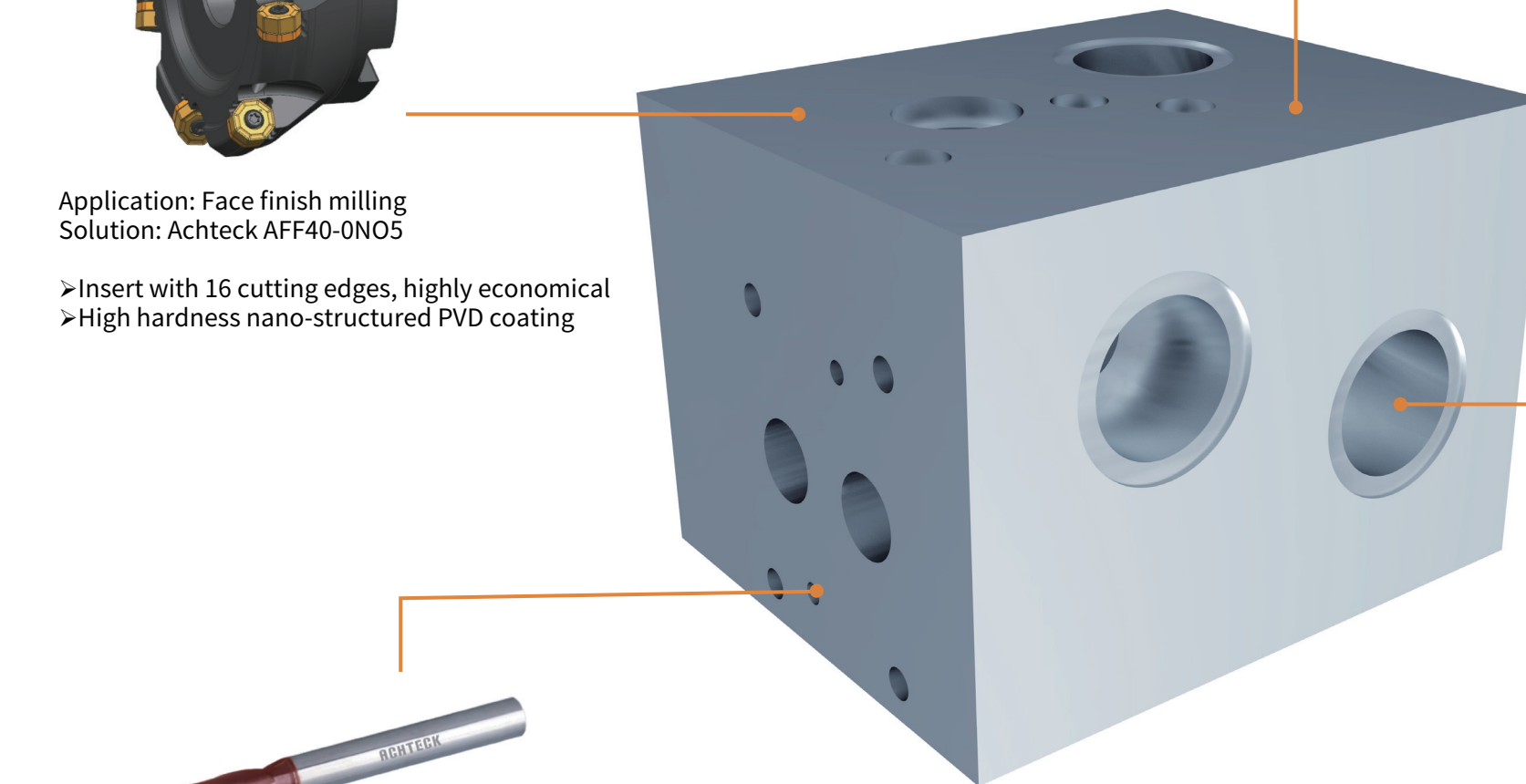
Application: Face finish milling
Solution: Achtek AFF40-0N05

- Insert with 16 cutting edges, highly economical
- High hardness nano-structured PVD coating



Application: Face rough milling
Solution: AFM-XN09 face milling cutter

- With grades AP251U/AP251K/AC301K
- Wavy edge design of insert, positive axial angle reduces cutting forces.



Application: Oil hole drilling
Solution: Achtek solid carbide drill D106, special cutting tools
Diameter range: D3-D16

- Double spiral coolant hole design is good for chip evacuation
- 140° drill tip angle for general drilling



Application: Thread milling
Solution: Achtek ATM60G thread milling tool
Thread range: M20-M56

- High precision nose radius match with the thread standard
- Special flute design is used for thread milling