



Indexable Spade Drill

- Indexable spade drill is based on the improvement of indexable drill, with chip breaker and chip dividing groove in drill head.

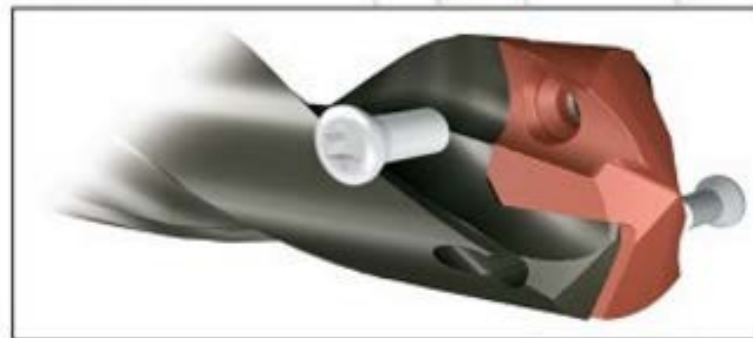
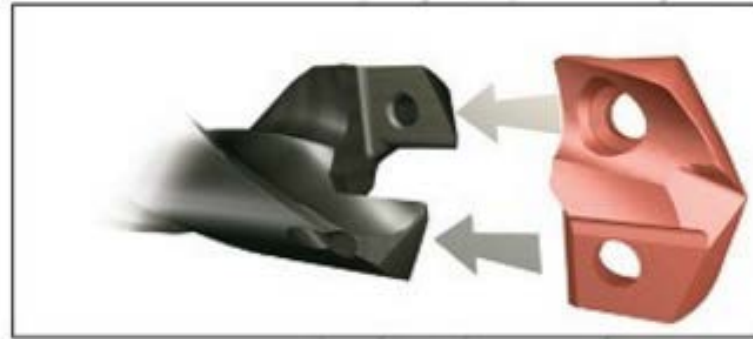


photo from ALLIED MACHINE

Lateral fixation type straight shank and Morse taper shank.

- Lateral fixation type straight shank usually use on CNC lathes.
- Morse taper shank usually use on vertical drilling, radial drilling and lathe.



Chip evocation of holder- straight flute

- Suitable for rotational workpiece and stationary tools, such as lathe machining.



photo from ALLIED MACHINE

Chip evocation of holder- helix flute

- Suitable for rotational tools and stationary workpiece, such as CNC lathe and radial drilling.

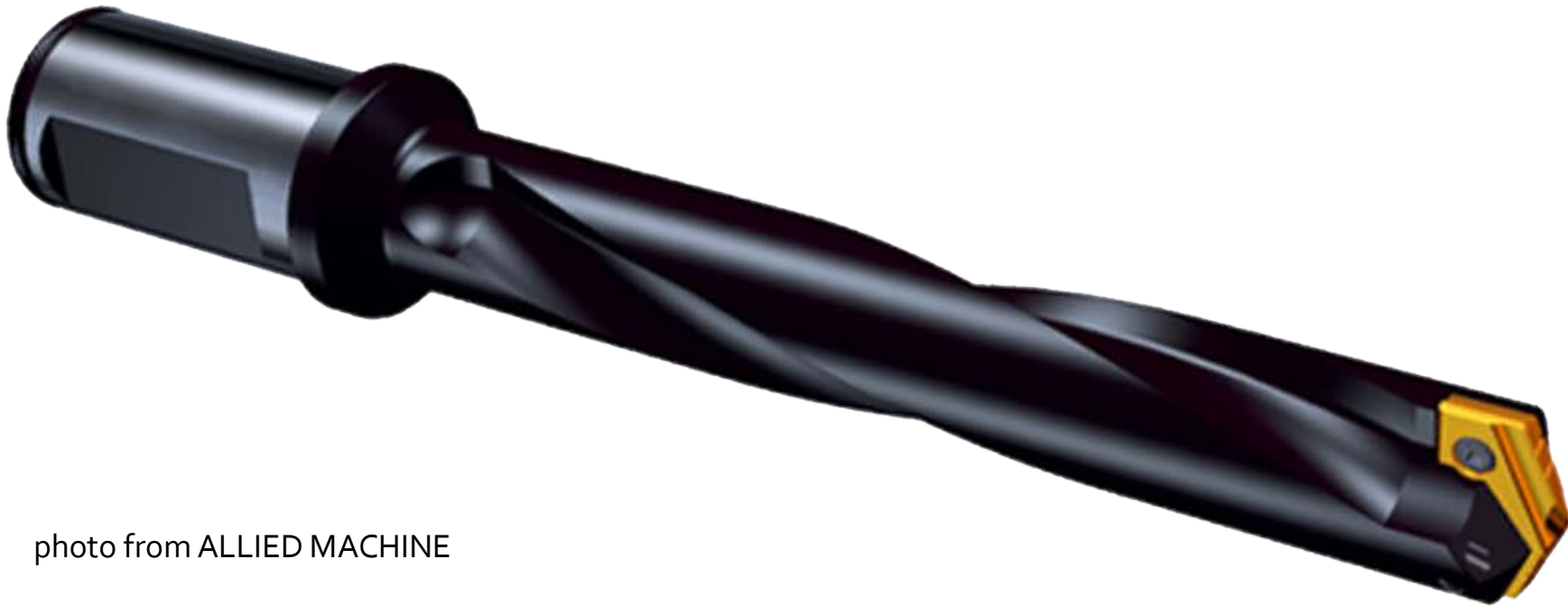
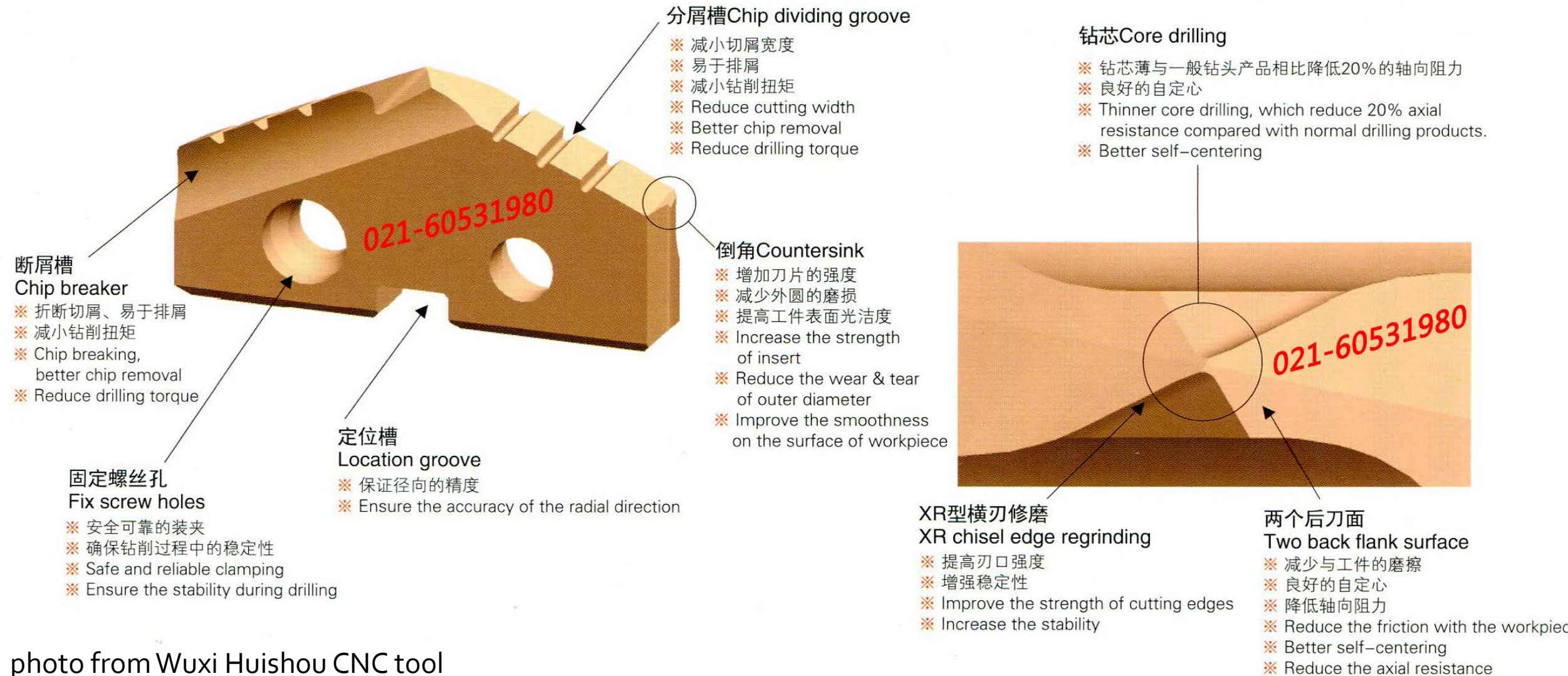


photo from ALLIED MACHINE

- Spade insert is locked by location groove and two fix screw holes to ensure symmetry between 0.01~0.02mm. Chisel edge is X type or S type depend on different cutting materials.



Indexable spade drill strength

- Can be designed to nonstandard drill by different need.
- Cutting depth $30xD$ is available.
- Different specification insert in one holder.
- Replace gun drill and solid twist drill while drilling on large hole size.
- More accurate than indexable drill.

END