

MagicDrill® DRC type

High efficiency drill module Cutting Dia. $\phi 7.94 \sim \phi 20.99$ Cutting Depth 3D/5D/8D

Straight Shank

SS-DRC



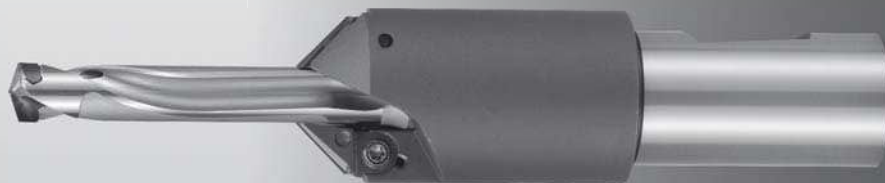
Flanged Shank DRC

SF-DRC



SS-DRC

+ Chamfering attachment



High efficiency

High feed rate

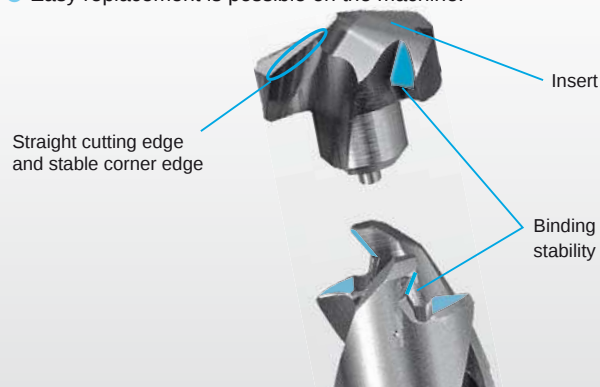
High reliability

High quality

4 unique features of DRC type MagicDrill® improve productivity as well as reduce machining cost by high speed and high feed rate machining.

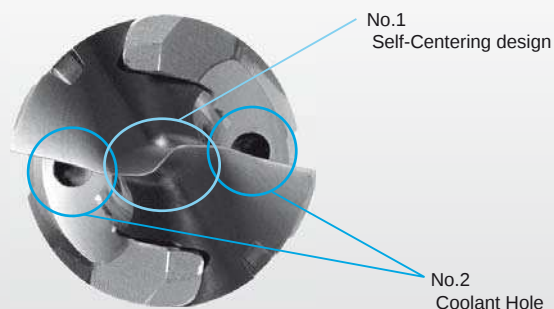
Feature 1. Self-Clamping design

- The clamp rigidity and resistance of the Magic Drills self-clamping method has significantly improved with the new design analysis and material technology.
- Easy replacement is possible on the machine.



Feature 2. Self-Centering design

- The S-curve top shape geometry of the insert known as the "Self-Centering design" enable smooth drilling, lowers cutting forces and produces a high quality hole surface finish.



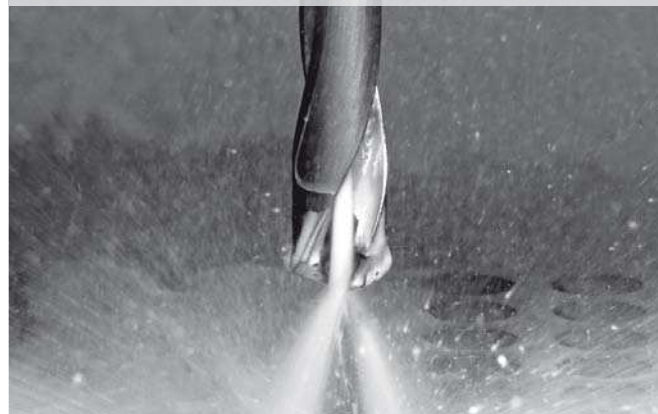
Feature 3. Multiple Helical Angle Flute design

- Provides superior drill body stiffness and chip evacuation.



Feature 4. Direct Cooling design

- The coolant is fed directly into the inserts cutting face, cooling the top of the drill and preventing chip adhesion, which allows for quick and smooth chip evacuation.



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Drilling