

PRODUCT INTRODUCTION OF **DEEP HOLE DRILL**

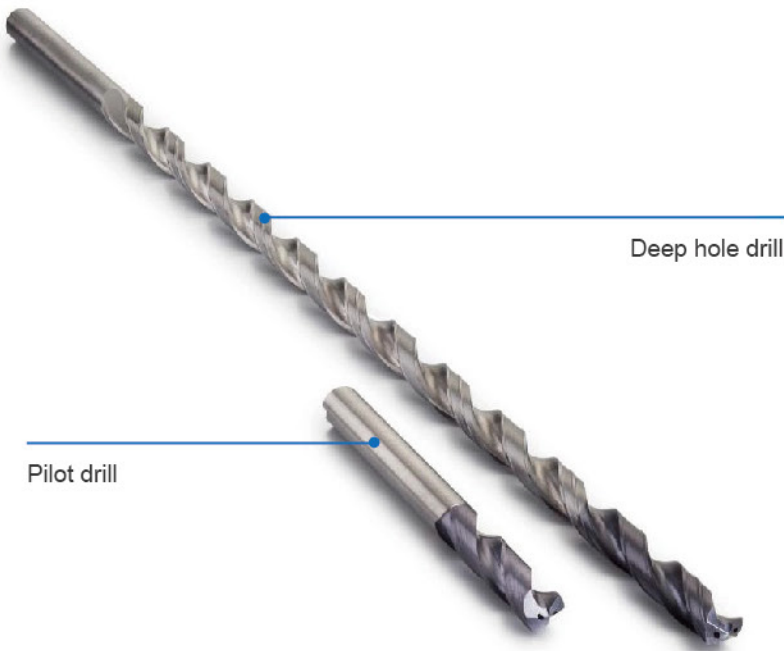


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STEEL DEEP HOLE NEEDLE



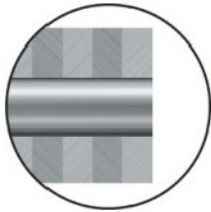
High stability deep hole drilling

- . Diameter range: 3.0-20.0 mm
- . Drilling depth: 10-40 times the diameter
- . Cooling state: internal cooling design
- . Hole tolerance: H8-H9
- . Material: AK40 + PVD coating

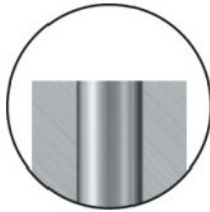
APPLICATION



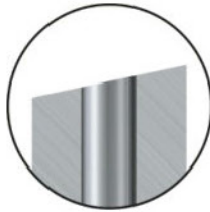
ISO application field **P** **M** **N**



Stack Drill



Conventional Drilling

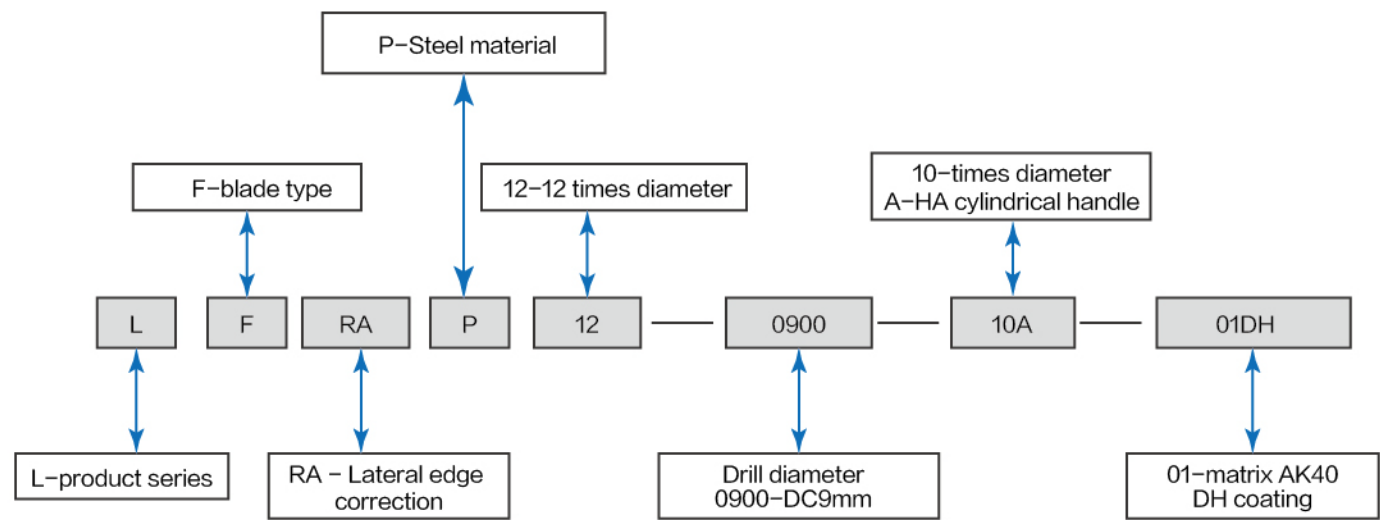


Sloped Surface



Cross Hole

PRODUCT CODE



STANDARD PRODUCT CATEGORY

Aspect Ratio	Standard	Diameter	Coolant	Handle Type	Material
3D	DIN 6539	3.0-20.0	Internal Cooling	DIN 6535 HA	AK40
10-40D	DIN 6539	3.0-20.0	Internal Cooling	DIN 6535 HA	AK40

CUSTOMIZED SOLUTIONS

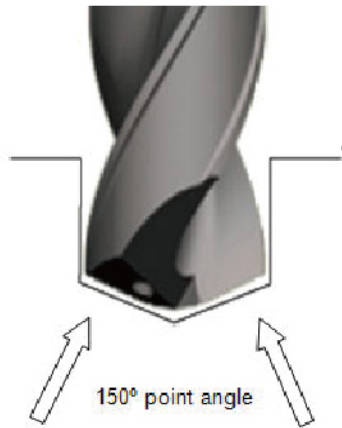
Customization scope

- . all intermediate sizes within the diameter range
- . All intermediate lengths within limits
- . Internal cooling design
- . Single or double margin design
- . Special solutions can be customized for specific materials
- . Customized solutions for products with interference

TECHNICAL FEATURES

Bit angle 140 °

- . The chisel edge of the drill is preferentially in contact with the workpiece
- . Better drill point positioning - improved centering performance
- . Less wear - prevents secondary damage to the chisel edge
- . Higher precision



Always follow the guided drilling strategy!

Cutter body tolerance m7

- . Produces a loose fit guiding effect
- . Prevent tip damage
- . Recommended for drilling deeper than 10 times the drill diameter

Chip pocket design

- . Sufficient chip space along the length of the tool thus ensuring excellent chip evacuation
- . Groove inner surface treatment ensures lower torque

It is double offset margin when it is larger than 12×D and the diameter is larger than 5.0mm

- . Ensures greater stability and hole concentricity



Double-edged band