



MASTER*DRILL*

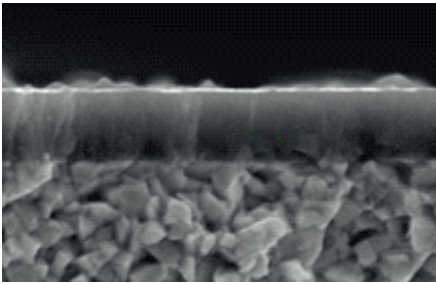
Precision lies in details



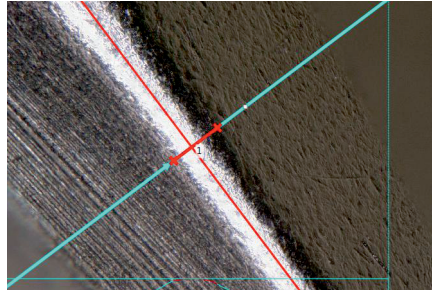
Solid carbide twist drills

During designing modern tools we are focused on details which can not be seen with naked eye. Dynamic development of micro-finishing and PVD coating technologies, many prototypes and machining tests allow us to collect detailed knowledge about physical processes occurring during cutting.

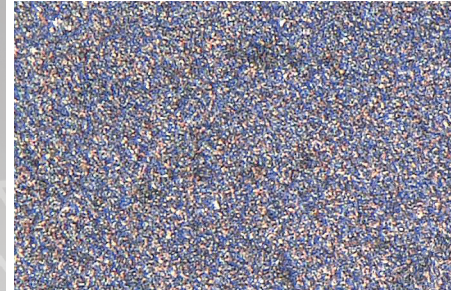
The latest achievement of our research and development works is **MASTERDRILL** which is high performance tool for wide range of materials. **MASTERDRILL**'s cutting edges are protected in way which has never been applied before.



Hard and heat resistant
AT coating for difficult
machining conditions

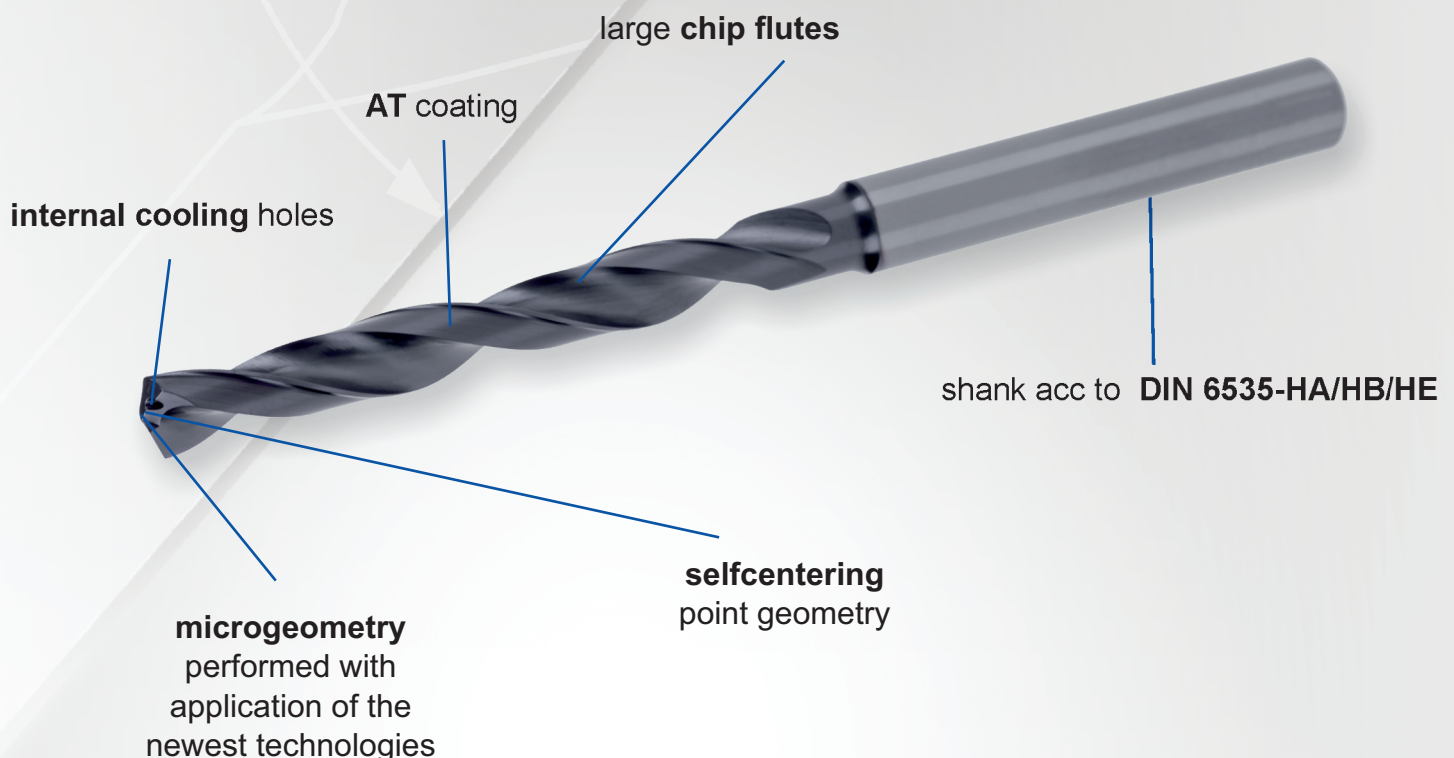


New cutting edges
protection method



Wear resistant
ultrafine carbide grade

CONSTRUCTION



DESIGN

- Dimensions are in accordance with the DIN-6537 standard for 3xD and 5xD length
- Dimensional range $\varnothing 3$ - $\varnothing 20$
- Available diameters for drilling before threading with conventional taps and forming taps

APPLICATION ACC TO ISO STANDARD

P

STEELS

N

NONFERROUS MATERIALS

M

STAINLESS STEELS

S

HEAT RESISTANT MATERIALS

K

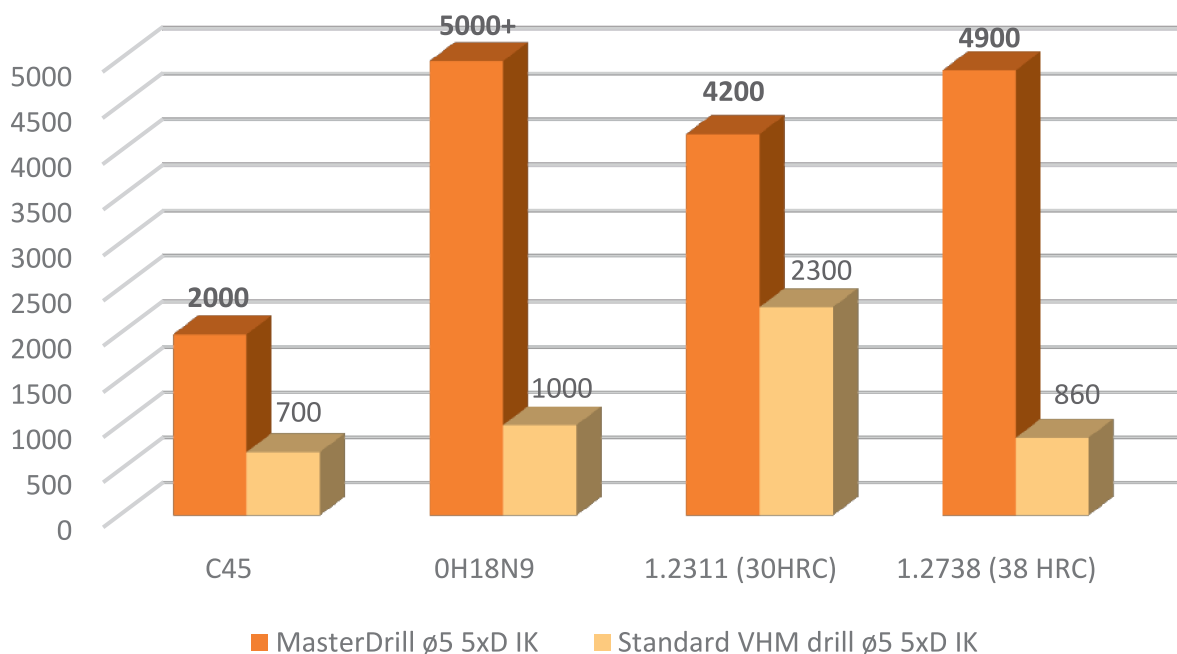
CAST IRON

FEATURES AND ADVANTAGES

- Increased productivity thanks to much longer tool life in comparison to standard VHM drills
- High surface quality of produced holes and dimensional precision
- Optimized construction for machining different materials and wide dimensional range ensure possibility of application in most cases



NUMBER OF HOLES PRODUCED BY **MASTERDRILL** IN COMPARISON TO STANDARD VHM DRILL





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