

High-performance drill, solid carbide TiAlN HPC 8xD with internal cooling HB

for universal use up to 1300 N/mm²

ORION®



Application

For HPC boring up to a strength of 1300 N/mm².

Version

- Solid carbide TiAlN high-performance drill
- 4 drill heels
- Cone polished section
- 30° spiral angle
- Straight main cutting edge

Advantage

- universal high-performance tool with excellent price/performance ratio
- very high alignment accuracy thanks to 4 drill heels
- high process reliability even at extreme depths

Application	Steel (N/mm ²)			Stainless steel		Alu		Brass		Bronze		Plas- tics	Graphite G(C)FK	GG(G) GjMW	Titan- alloy	Nickel- alloy	Super- alloy	Hard mat.	
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC
	110	90	80	40	35	190	230	190	150	110	90	50			35	30	30		

Art. no.	11178 360
Cutting edge diameter	16 mm
Tolerance of cutting edge diameter	h7
Cutting material	VHM
Surface	TiAlN
Max. drilling depth (D)	8xD
Type	HPC UNI
Coolant supply	Internal
Tool holding device	HB parallel shank
Angle of the tip	140 Degree
Shaft diameter	16 mm
Chip flute length	152 mm
Length	203 mm
f steel 1000	0.3 mm/r
DIN	0 - not applicable

EAN-Code

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