High-performance drill, solid carbide TiAlNplus HPC 5xD without internal cooling HA

for universal use up to 1300 N/mm²

Application

for HPC boring up to a strength of 1300 N/mm²

Version

- solid carbide TiAlNplus high-performance drill
- 2 drill heels
- Cone polished section
- 30° spiral angle
- Straight main cutting edge

Advantage

- economic drilling in a wide variety of materials with high cutting values
- newly developed geometry in conjunction with a multi-layer coating individually tailored to drilling ensures significantly longer service lives
- Cutting edge finishing reduces micro-fractures and increases the service life

Application	Steel (N/mm²)			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
	135	110	90	35	30	210	260	230	180	160	130	60		110	40	35	30		

Art. No.	*11107 018*
Cutting edge diameter	1.8 mm
Tolerance of cutting edge diameter	h7
Cutting material	VHM
Surface	TiAlN plus
Max. drilling depth (D)	5xD
Type	HPC UNI
Coolant supply	External
Tool holding device	HA parallel shank
Angle of the tip	140 Degree
Shaft diameter	4 mm
Chip flute length	16 mm
Length	55 mm
f steel 1000	0.033 mm/r
DIN	6537

EAN-Code

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