

High-performance drill solid carbide TiAlSiN HPC 5xD with internal cooling HA

For hard machining up to 65 HRC

ATORN®



Application

For HPC drilling up to 65 HRC

Version

- 2 drill heels
- 30° spiral angle
- Convex main cutting edge

Advantage

- High centring accuracy
- Special coating for drilling hardened steels up to 65 HRC
- Extremely hard, low-friction and temperature-resistant TiAlSiN coating for longer service life
- Reinforced core with special tip and cutting chisel edge

Application	Steel (N/mm ²)			Stainless steel		Alu		Brass		Bronze		Plastics	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
		80	40											70				28	14

Art. no.	11127 112
Cutting edge diameter	11.2 mm
Tolerance of cutting edge diameter	h7
Cutting material	VHM
Surface	TiAlSiN
Max. drilling depth (D)	5xD
Type	HPC HARD
Coolant supply	Internal
Tool holding device	HA parallel shank
Angle of the tip	140 Degree
Shaft diameter	12 mm
Chip flute length	71 mm
Length	118 mm
f hard 65 HRC	0.08 mm/r
DIN	6537

EAN-Code

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