

High-performance drill bit, solid carbide TiAlSiN HPC 3xD, no IC, HA
for hard machining up to 65 HRC

ATORN®



Application

for HPC boring 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 TiAlN coating for longer service life
- Reinforced core with special tip and cutting chisel edge
- No internal coolant feed for higher stability

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
	80	65	40											70				28	14

Art. No.	11154 105
Cutting edge diameter	10.5 mm
Tolerance of cutting edge diameter	h7
Cutting material	VHM
Surface	TiAlSiN
Max. drilling depth (D)	3xD
Type	HPC HARD
Coolant supply	External
Tool holding device	HA parallel shank
Angle of the tip	140 Degree
Shaft diameter	12 mm
Chip flute length	55 mm
Length	102 mm
f hard 65 HRC	0.08 mm/r
DIN	6537

EAN-Code

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