

High-performance pilot drill, solid carbide TiAlN 5xD with internal cooling HA

For universal use up to 1300 N/mm²

ATORN[®]



Application

For placing a pilot hole for deep-hole drills from 12xD with HPC geometry up to a strength of 1300 N/mm².

Version

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

Advantage

- Precision grinding for very accurate holes in terms of fit and shape for demanding requirements around dimensional tolerance
- very precise guidance due to innovative geometry
- High-performance coating provides high cutting parameters and long service life
- the entire range is coordinated in terms of angle and diameter

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
	95	80	65	50	40		250	230	180	160	130			95	35	30	30		

Art. No.	11181 238
Cutting edge diameter	2.72 mm
Tolerance of cutting edge diameter	h7
Cutting material	VHM
Surface	TiAlN
Max. drilling depth (D)	5xD
Type	HPC UNI
Coolant supply	Internal
Tool holding device	HA parallel shank
Angle of the tip	140 Degree
Shaft diameter	4 mm
Chip flute length	21 mm
Length	57 mm
f steel 1000	0.08 mm/U
DIN	6537

EAN-Code

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