

180° high-performance drill bit, solid carbide TiAlN 5xD with internal cooling

For universal use up to 1000 N/mm²

ATORN[®]



Application

For producing drill holes with a 180° hole base in one operation

Version

- Heavy-duty solid carbide drill with 180° precision grinding and drill heels

Advantage

- drilling and counterboring in a single work step at high cutting speed
- Innovative geometry ensures good chip removal

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
	85	55	35	40	35	60	80	60	40	40	30			90					

Art. no.	11168 304
Cutting material	VHM
Surface	TiAlN
Max. drilling depth (D)	5xD
Angle of the tip	180 Degree
Coolant supply	Internal
Tool holding device	HA parallel shank
Cutting edge diameter	10.4 mm
Shaft diameter	12 mm
Chip flute length	69 mm
Length	116 mm
f steel 1000	0.14 mm/r

EAN-Code

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