

180° high-performance drill bit, solid carbide TiAlN 3xD 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 sinking 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.	11128 165
Cutting material	VHM
Surface	TiAlN
Max. drilling depth (D)	3xD
Angle of the tip	180 Degree
Coolant supply	Internal
Tool holding device	HA parallel shank
Cutting edge diameter	16.5 mm
Shaft diameter	18 mm
Chip flute length	73 mm
Length	123 mm
f steel 1000	0.18 mm/r

EAN-Code

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