

## High-performance drill, solid carbide TiAlNplus HPC 7xD HB

For universal use up to 1300 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>



### Application

For HPC boring up to a strength of 1300 N/mm<sup>2</sup>.

### Version

- solid carbide TiAlNplus high-performance drill
- 4 drill heels
- Four grinding faces
- 30° spiral angle
- Straight main cutting edge

### Advantage

- Very good all-round properties and precise cutting performance with high cutting rates
- Extremely hard, low-friction, temperature-resistant and form-fitting TiAlN plus coating ensures extra service life
- Cutting edge preparation minimises micro-fractures on the cutter

Application	Steel (N/mm <sup>2</sup> )			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
	130		80	30	30		250	230	180	160	130	60			40	35	30		

<b>Art. No.</b>	<b>11197291</b>
<b>Cutting edge diameter</b>	9.1 mm
<b>Tolerance of cutting edge diameter</b>	m7
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN plus
<b>Max. drilling depth (D)</b>	7xD
<b>Type</b>	HPC UNI
<b>Coolant supply</b>	Internal
<b>Tool holding device</b>	HB parallel shank
<b>Angle of the tip</b>	140 Degree
<b>Shaft diameter</b>	10 mm
<b>Chip flute length</b>	95 mm
<b>Length</b>	139 mm
<b>f steel 1000</b>	0.18 mm/r

### EAN-Code

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