

# High-performance deep hole drill, solid carbide TiAlN HPC 30xD with internal cooling HA

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



## Application

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

## Version

- High-performance deep hole drill, solid carbide TiAlN
- 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
- unique, extremely hard, low-friction, temperature-resistant and form-fitting TiAlN coating ensures a longer service life
- Cutting edge preparation minimises micro-fractures on the cutter
- the entire range is coordinated in terms of angle and diameter

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
	80	60	40	35	30	150		160	140	140	120			70	30	20	20		

<b>Art. No.</b>	<b>11182 040</b>
<b>Cutting edge diameter</b>	4 mm
<b>Tolerance of cutting edge diameter</b>	h7
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Max. drilling depth (D)</b>	30xD
<b>Type</b>	HPC UNI
<b>Coolant supply</b>	Internal
<b>Tool holding device</b>	HA parallel shank
<b>Angle of the tip</b>	135 Degree
<b>Shaft diameter</b>	6 mm
<b>Chip flute length</b>	135 mm
<b>Length</b>	185 mm
<b>f steel 1000</b>	0.08 mm/r

## EAN-Code

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