

## High-performance drill, SC TiNAlOX HPC 3xD without internal cooling HB

for universal use up to 63 HRC



### Application

For HPC boring up to 63HRC.

### Version

- High-performance drill, solid carbide TiNAlOX without internal cooling
- 2 drill heels
- Four grinding faces
- 30° spiral angle
- Straight main cutting edge

### Advantage

- universal application ensures maximum flexibility
- extremely hard, low-friction, temperature-resistant and form-fitting TiNAlOX coating ensures greater 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
	135	110	90	35	30	230	280	230	180	160	130	60		110	40	35	30	25	20

<b>Art. no.</b>	<b>11183 102</b>
<b>Cutting edge diameter</b>	10.2 mm
<b>Tolerance of cutting edge diameter</b>	m7
<b>Cutting material</b>	VHM
<b>Surface</b>	TiNAlOX
<b>Max. drilling depth (D)</b>	3xD
<b>Type</b>	HPC UNI
<b>Coolant supply</b>	External
<b>Tool holding device</b>	HB parallel shank
<b>Angle of the tip</b>	140 Degree
<b>Shaft diameter</b>	12 mm
<b>Chip flute length</b>	55 mm
<b>Length</b>	102 mm
<b>f steel 1000</b>	0.15 mm/r
<b>DIN</b>	6537

### EAN-Code

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