

# High-performance drill bit, solid carbide ULTRA M HPC 3xD with internal cooling HB

For application in stainless steel and special alloys



## Application

For HPC boring in stainless steel, titanium alloys, nickel alloys and special alloys.

## Version

- Solid carbide high-performance drill ULTRA M
- 2 drill heels
- 4 grinding faces
- 30° spiral angle
- Straight main cutting edge

## Advantage

- innovative cutting geometry with extremely effective cutting edge
- newly developed form-fitting ULTRA M coating for improved 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
				60	55										40	40	30		

<b>Art. No.</b>	<b>11142 204</b>
<b>Cutting edge diameter</b>	3.25 mm
<b>Tolerance of cutting edge diameter</b>	m7
<b>Cutting material</b>	VHM
<b>Surface</b>	ULTRA M
<b>Max. drilling depth (D)</b>	3xD
<b>Type</b>	HPC VA
<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>	6 mm
<b>Chip flute length</b>	20 mm
<b>Length</b>	62 mm
<b>f stainless steel</b>	0.09 mm/U
<b>DIN</b>	6537

## EAN-Code

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