

**twist drill bit, solid carbide TiAlN, type N 3xD without internal cooling**  
 For universal use up to 1300 N/mm<sup>2</sup>



**Application**

Standard geometry for use up to a strength of 1300 N/mm<sup>2</sup>.

**Version**

- Standard solid carbide tool with universal precision grinding

**Advantage**

- excellent all-round properties and precise cutting pattern
- universal use: minimises tool costs and improves flexibility
- Cutting edge preparation minimises micro-fractures on the cutter
- TiAlN coating for up to 50% longer service life, dry processing possible in steel

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	70	60	32	30	150		140	150	150	130		80	90	30	30	30		

<b>Art. No.</b>	<b>11153 384</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Type</b>	N
<b>Tool holding device</b>	HA parallel shank
<b>Cutting edge diameter</b>	8.40 mm
<b>Chip flute length</b>	37 mm
<b>Length</b>	79 mm
<b>f steel 1000</b>	0.13 mm/U
<b>DIN</b>	1897

**EAN-Code**

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