

## High-performance pilot drill, solid carbide TiAlN 5xD with internal cooling HA

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

**ATORN**<sup>®</sup>



### Application

For placing a pilot hole for deep-hole drills from 12xD with HPC geometry up to a strength of 1300 N/mm<sup>2</sup>.

### Version

- Solid carbide TiAlN high-performance drill
- 2 drill heels
- Cone polished section
- 30° spiral angle
- Straight main cutting edge

### Advantage

- Precision grinding for very accurate holes in terms of fit and shape for demanding requirements around dimensional tolerance
- very precise guidance due to innovative geometry
- High-performance coating provides high cutting parameters and long service life
- 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
	95	80	65	50	40		250	230	180	160	130			95	35	30	30		

<b>Art. No.</b>	<b>11181 280</b>
<b>Cutting edge diameter</b>	3.82 mm
<b>Tolerance of cutting edge diameter</b>	h7
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Max. drilling depth (D)</b>	5xD
<b>Type</b>	HPC UNI
<b>Coolant supply</b>	Internal
<b>Tool holding device</b>	HA parallel shank
<b>Angle of the tip</b>	140 Degree
<b>Shaft diameter</b>	6 mm
<b>Chip flute length</b>	36 mm
<b>Length</b>	74 mm
<b>f steel 1000</b>	0.15 mm/U
<b>DIN</b>	6537

### EAN-Code

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