

## Micro drill SC TiAlN HPC, no internal cooling, HA

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

**ATORN**<sup>®</sup>



### Application

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

### Version

- High-performance drill, solid carbide, with universal precision grinding and 3 H6 straight shank

### Advantage

- innovative cutting geometry for universal use
- maximum concentricity: ensures series machining with process reliability
- Extremely hard, low-friction, temperature-resistant, form-fitting coating

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	60	40	30	30	150	190		110	130	140	50	40	90	30	20	20		

<b>Art. No.</b>	<b>11137 035</b>
<b>Cutting edge diameter</b>	0.35 mm
<b>Tolerance of cutting edge diameter</b>	h7
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Type</b>	HPC UNI
<b>Coolant supply</b>	External
<b>Tool holding device</b>	HA parallel shank
<b>Angle of the tip</b>	130 Degree
<b>Shaft diameter</b>	3 mm
<b>Chip flute length</b>	5.5 mm
<b>Length</b>	38 mm
<b>f steel 1000</b>	0.01 mm/U

### EAN-Code

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