

## HSS TiN step drill, straight groove with interchangeable bit

For universal use up to 1300 N/mm<sup>2</sup> in electrical industry, PG thread

**ATORN**<sup>®</sup>

### Application

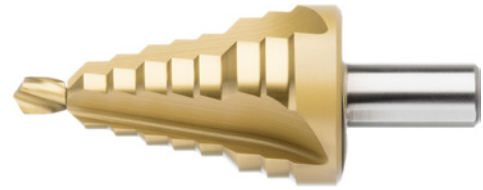
For drilling through holes for reinforced pipe thread in steel, stainless steel, non-ferrous metals and cast iron.

### Version

- Step drill, profile-ground, with spiral cutting edge

### Advantage

- High variability: A wide range of bores can be covered with just one tool
- 3-facet shank ensures good torque transfer in the chuck
- User-friendly tool changing: Bit easily replaced in case of wear



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	
	●	●	●	●	○	●	●	●	●	●	●	●	●	●	○					

<b>Art. No.</b>	<b>11409 020</b>
<b>Cutting material</b>	HSS
<b>Surface</b>	TiN
<b>Shaft diameter</b>	12 mm
<b>Tool holding device</b>	Parallel shank with three tightening surfaces
<b>Type</b>	E1 through hole
<b>Step diameter</b>	12.5 mm (PG7), 15.2 mm (PG9), 18.6 mm (PG11), 20.4 mm (PG13.5), 22.5 mm (PG16), 28.3 mm (PG21)
<b>Step length</b>	4 mm
<b>Length</b>	85 mm

### EAN-Code

4050293069129