

## Conical countersink, 90°, solid carbide, multi-flute cutter

For universal use up to 60 HRC

**ATORN®**

### Application

For countersinking 90° in the material groups steel, stainless steel, (non-ferrous metals), (cast materials) and special alloys up to a strength of 60 HRC.

### Version

- profile-ground multi-edge countersink with radial relief

### Advantage

- excellent service life characteristics in Hardox 400 and 500, Creusabro, Inconel, Nimonic, Hastelloy, Monel, manganese-hardened steel, hardened steels up to 60 HRC, titanium and titanium alloy materials
- innovative and patented cutter geometry with a large number of cutters ensures excellent cutting performance and good surface qualities



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	50	30	20	15	120	150		90	90	70			4	20	20	20	10	7

<b>Art. No.</b>	<b>11535 310</b>
<b>Countersink angle</b>	90 Degree
<b>Cutting material</b>	Carbide
<b>Surface</b>	Uncoated
<b>Number of cutting edges</b>	5 PCS
<b>Tool holding device</b>	HA parallel shank
<b>Spot-facer diameter</b>	31 mm
<b>Tip diameter</b>	6 mm
<b>Length</b>	71 mm
<b>Shaft diameter</b>	12 mm
<b>f steel 1300</b>	0.1 mm/r

### EAN-Code

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