

## Conical countersink 90° solid carbide, three-edge

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

**ATORN**<sup>®</sup>

### Application

For producing 90° counterbores up to 1300 N/mm<sup>2</sup>.

### Version

- profile-ground triple-edge countersink with radial relief

### Advantage

- radial relief ensures optimum chip breaking
- solid carbide cutting material for high service life requirements



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	45	20	20	15	80	150	120		80	60	60		40	20	20	20		

<b>Art. No.</b>	<b>11500 230</b>
<b>Countersink angle</b>	90 Degree
<b>Cutting material</b>	VHM
<b>Surface</b>	Uncoated
<b>Number of cutting edges</b>	3 PCS
<b>Tool holding device</b>	HA parallel shank
<b>Spot-facer diameter</b>	6 mm
<b>Tip diameter</b>	2 mm
<b>Shaft diameter</b>	5 mm
<b>Length</b>	40 mm
<b>f steel 1300</b>	0.06 mm/r

### EAN-Code

4050293069280