

## 90° conical countersink HSS triple cutter with 3-edge shank

for universal use up to 1000 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>

### Application

For producing 90° counterbores up to 1000 N/mm<sup>2</sup>.

### Version

- profile-ground triple-edge countersink with three-edge shank with radial relief

### Advantage

- radial relief ensures optimum chip breaking
- three-edge shank ensures excellent power transmission in the chuck



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
	30	20	10	8		40	70	60	50	40	30	30		15					

<b>Art. no.</b>	<b>11501 551</b>
<b>Countersink angle</b>	90 Degree
<b>Cutting material</b>	HSS
<b>Surface</b>	Uncoated
<b>Number of cutting edges</b>	3 PCS
<b>Tool holding device</b>	Parallel shank with three tightening surfaces
<b>Spot-facer diameter</b>	28 mm
<b>Tip diameter</b>	4 mm
<b>Shaft diameter</b>	12 mm
<b>Length</b>	71 mm
<b>f steel 700</b>	0.19 mm/r

### EAN-Code

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