

## 90° manual deburring tool, HSS, triple cutter with hexagonal shank for handle with collet chuck

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

**ATORN**<sup>®</sup>

### Application

For 90° counterboring and deburring for the material groups of steel, (stainless steel), non-ferrous metals and (cast iron) up to a strength of 1000 N/mm<sup>2</sup> in individual part and series production.



### Version

- profile-ground triple-edge countersink with radial back taper on the flute for the most demanding of requirements for dimensional tolerance and process reliability

### Advantage

- radial relief ensures optimum chip breaking
- precision grinding for the most demanding requirements in terms of dimensional accuracy
- innovative cutting geometry provides excellent cutting performance and good finish quality

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>11511 515</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>Spot-facer diameter</b>	15 mm

### EAN-Code

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