

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

for universal use up to 1000 N/mm²

ATORN[®]

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/mm² 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 ²)			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	
	●	●	○	○		●	●	●	●	●	●	●	○	○						

Art. No.	11511 511
Countersink angle	90 Degree
Cutting material	HSS
Surface	Uncoated
Number of cutting edges	3 PCS
Spot-facer diameter	11.5 mm

EAN-Code

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