

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

for universal use up to 1000 N/mm²

ATORN[®]

Application

For producing 90° counterbores up to 1000 N/mm².

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

Art. no.	11501 521
Countersink angle	90 Degree
Cutting material	HSS
Surface	Uncoated
Number of cutting edges	3 PCS
Tool holding device	Parallel shank with three tightening surfaces
Spot-facer diameter	15 mm
Tip diameter	3.2 mm
Shaft diameter	10 mm
Length	60 mm
f steel 700	0.14 mm/r

EAN-Code

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