

HSS 60° conical countersink, three flutes, extremely uneven pitch

For universal use up to 1300 N/mm²

ATORN[®]

Application

For producing 60° counterbores up to 1300 N/mm².

Version

- Profile-ground triple-edge countersink with radial relief, with extremely uneven pitch

Advantage

- Radial relief ensures optimum chip breaking
- Uneven pitch ensures excellent surfaces without chatter marks and minimisation of cutting forces
- 3-sided shaft ensures very good power transmission and prevents the tool from spinning in the drill chuck or even in the cordless drill



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
	40	30	12	15	15	40	50	40	40	40	40	40		20	10			6	

Art. no.	11501 224
Countersink angle	60 Degree
Cutting material	HSS
Surface	TiN/ZrN
Number of cutting edges	3 PCS
Tool holding device	Parallel shank with three tightening surfaces
Spot-facer diameter	20 mm
Tip diameter	5 mm
Shaft diameter	10 mm
Length	67 mm
f steel 700	0.18 mm/r
DIN	334

EAN-Code

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