

Conical countersink, 90°, HSS, triple cutter, extremely uneven pitch

For universal use up to 1300 N/mm²

ATORN[®]

Application

For producing 90° 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



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 661
Countersink angle	90 Degree
Cutting material	HSS
Surface	TiN/ZrN
Number of cutting edges	3 PCS
Tool holding device	HA parallel shank
Spot-facer diameter	31 mm
Tip diameter	4.2 mm
Shaft diameter	12 mm
Length	71 mm
f steel 700	0.22 mm/U
DIN	335

EAN-Code

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