

Stepped drill bit, short, type N, HSSE fine quality grade

For 90° countersunk screws

ATORN[®]

Application

For through holes in accordance with DIN/ISO 273 and countersinking in accordance with DIN 74 for countersunk screws in accordance with ISO 2009-2010 and DIN 963-964. Sturdy short design in particular for using in NC machines and automatic machines.



Version

- profile-ground

Advantage

- precise alignment of drill diameter and countersink diameter, lower process costs
- Special geometry for outstanding centring and positional accuracy

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
	35	25	10	10	8	40	50	40	35	20	15			20	10				

Art. No.	11119 003
Cutting material	HSSE
Surface	Uncoated
Type	N
Angle of the tip	118 Degree
Tool holding device	HA parallel shank
Suitable for screw thread	M3
Pilot hole diameter	3.2 mm
Spot-facer diameter	6.5 mm
Pilot hole length	9 mm
Chip flute length	15 mm
Length	45 mm
Shaft diameter	6.5 mm
f steel 1000	0.05 mm/U

EAN-Code

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