

Step drill HSS-TiN, twisted groove with interchangeable bit

For universal use up to 1000 N/mm² in electrical industry MF thread

ATORN®

Application

For drilling through holes and core holes for metric fine thread up to a material thickness of 4 mm in steel, stainless steel, non-ferrous metals and cast iron.

Version

- Step drill HSS TiN, profile-ground and twisted tip for highest requirements in terms of dimensional accuracy and process reliability

Advantage

- High variability: A wide range of bores can be covered with just one tool
- 3-facet shank ensures good torque transfer in the chuck
- User-friendly tool changing: Bit easily replaced in case of wear



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.	11409 040
Cutting material	HSS
Surface	TiN
Shaft diameter	12 mm
Tool holding device	Parallel shank with three tightening surfaces
Type	E 3 S
Step diameter	10.5/12.5 mm (M12 x 1.5), 14.5/16.5 mm (M16 x 1.5), 18.5/20.5 mm (M20 x 1.5), 23.5/25.5 mm (M25 x 1.5), 30.5/32.5 mm (M32 x 1.5), 38.5/40.5 mm (M40 x 1.5)
Step length	4 mm
Length	110 mm

EAN-Code

4050293069150

