

Screw tap, HSSE M ISO 2 (6H) 0° 371 B

For use in NF metals

ATORN®



Application

For producing metric threads on CNC or conventional machines in **through holes** in the non-ferrous metals material group.

Version

- Dimensions pursuant to: DIN 371 = reinforced shank (up to M10), DIN 376 = transition-fit shank (from M12)

Advantage

- Innovative cutting geometry with exposed teeth reduces the torque, improves lubricant distribution and ensures very high process reliability and chip removal
- Specialised insert with optimised chipping geometry for use in NF metals with adhesive or lubricating properties

Application	Steel (N/mm ²)			Stainless steel		Alu		Brass		Bronze		Plastics	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
	16					18	18	15	18	15	15	13							

Art. No.	13083 050
Type	M MAX Control
Thread type	Metric thread
Thread type x nominal diameter	M5
Pitch	0.8 mm
Hole type	Clearance hole ≤ 3xD
Cutting material	HSSE
Surface	Uncoated
Lead angle shape	B
Tolerance of screw taps	ISO 2 (6H)
Twist angle	0°
Shaft diameter	6 mm
Application type/machine type	CNC, Conventional
Core hole diameter	4.2 mm
Coolant supply	External
Length	70 mm
Shank square	4.9 mm
Cutting speed (steel 1000) suitability	3
Cutting speed (steel 1300) suitability	3
Overall stainless steel suitability	3
fitness not iron total	1
fitness Titan/Nickel/Super total	3
Cutting speed (cast) suitability	3
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	371

EAN-Code

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