

Synchro screw tap, HSSE-PM TiN M ISO 2 (6H) 0° 371 B

For universal use up to 1000 N/mm²

ATORN®



Application

For producing metric threads on CNC machines or conventional machines in **through holes** in the steel, stainless steel, non-ferrous metals, cast iron and special alloys material groups up to a strength of 1000 N/mm².

Version

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

Advantage

- Long service life and high level of process reliability thanks to innovative cutting geometry and coating, and universal application for maximum flexibility in use
- Individual clamping options: Shrink-fit chuck, synchro tapping chuck
- Precise shank design: h6

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
	22	15		12	10	24	24	20	20	18	18	16		18	7	6	6		

Art. No.	13058 480
Type	SYNCHRO MAX 50
Thread type	Metric thread
Thread type x nominal diameter	M8
Pitch	1.25 mm
Hole type	Clearance hole ≤ 3xD
Cutting material	HSSE-PM
Surface	TiN
Lead angle shape	B
Tolerance of screw taps	ISO 2 (6H)
Twist angle	0°
Shaft diameter	8 mm
Application type/machine type	CNC
Core hole diameter	6.8 mm
Coolant supply	External
Length	90 mm
Shank square	6.2 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	3
Overall stainless steel suitability	1
fitness not iron total	1
fitness Titan/Nickel/Super total	1
Cutting speed (cast) suitability	1
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	371

EAN-Code

4050293579055