

Screw tap, HSSE Ultra HL M ISO 2 (6H) 40° 371 C

For universal use up to 1000 N/mm²

ATORN[®]



Application

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

Version

- Structural dimensions in accordance with: DIN 371 = reinforced shank (up to M10), DIN 376 = over-long shank (from M12)

Advantage

- Innovative cutter geometry and newly developed ULTRA HL coating ensures high process reliability even in difficult machining conditions

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
	18	12	8	8	8		18		19		18	15		15					

Art. No.	13049 030
Type	UNI 40 Control
Thread type	Metric thread
Thread type x nominal diameter	M3
Pitch	0.5 mm
Hole type	Blind hole ≤ 2.5xD
Cutting material	HSSE
Surface	ULTRA HL
Lead angle shape	C
Tolerance of screw taps	ISO 2 (6H)
Twist angle	40°
Shaft diameter	3.5 mm
Application type/machine type	CNC, Conventional
Core hole diameter	2.5 mm
Coolant supply	External
Length	56 mm
Shank square	2.7 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	2
Overall stainless steel suitability	1
fitness not iron total	2
fitness Titan/Nickel/Super total	3
Cutting speed (cast) suitability	1
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	371

EAN-Code

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