

Screw tap, HSSE Ultra HL MF ISO 2 (6H) 45° (right) 374 C

For universal use up to 1000 N/mm²

ATORN[®]



Application

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

Version

- With transition-fit shank

Advantage

- Ideal for long service life requirements and materials that are difficult to machine, such as stainless steel
- Innovative cutting geometry and ULTRA HL coating guarantee high process reliability even under 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	11	10	19	19	17	19	17	18	13		18	7	6	6		

Art. No.	13315 103
Type	UNI MAX 45HL Control
Thread type	Metric fine thread
Thread type x nominal diameter	MF10
Pitch	1 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	45° (right)
Shaft diameter	7 mm
Application type/machine type	CNC, Conventional
Core hole diameter	9 mm
Coolant supply	External
Length	90 mm
Shank square	5.5 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	2
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	374

EAN-Code

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