

Screw tap, HSSE V3 MF ISO 2 (6H) 40° (right) 374 C

for universal use up to 1200 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 1200 N/mm².

Advantage

- Universal use for maximum flexibility of application
- Innovative cutter geometry 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	6	8	8	8	18	6	16	10	14	15		15	3	3	3		

Art. no.	13220 165
Type	UNI MAX 40 Control
Thread type	Metric fine thread
Thread type x nominal diameter	MF 16
Pitch	1.5 mm
Hole type	Blind hole ≤ 2.5xD
Cutting material	HSSE V3
Surface	Vaporised
Lead angle shape	C
Tolerance of screw taps	ISO 2 (6H)
Twist angle	40° (right)
Shaft diameter	12 mm
Application type/machine type	CNC, Conventional
Core hole diameter	14.5 mm
Length	100 mm
Shank square	9 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	1
Overall stainless steel suitability	1
fitness not iron total	2
fitness Titan/Nickel/Super total	2
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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