

Screw tap, HSSE-PM Ultra HL M ISO 2X (6HX) 50° (right) 371 C

for universal use up to 1200 N/mm²

ATORN[®]



Application

For manufacturing metric threads in **blind holes** on CNC or conventional machines in the steel, stainless steel, non-ferrous metal and cast iron material groups up to -1200 N/mm²

Advantage

- Universal application for maximum flexibility
- Innovative cutter geometry ensures high process reliability even in difficult machining conditions

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	16	12	12	12	14	30	17	24	12	20	30	16	18	7	6	6		

Art. no.	13202 060
Type	UNI MAX 45HL Speed
Thread type	Metric thread
Thread type x nominal diameter	M6
Pitch	1 mm
Hole type	Blind hole ≤ 2.5xD
Cutting material	HSSE-PM
Surface	ULTRA HL
Lead angle shape	C
Tolerance of screw taps	ISO 2X (6HX)
Twist angle	50° (right)
Shaft diameter	6 mm
Application type/machine type	CNC, Conventional
Core hole diameter	5 mm
Coolant supply	External
Length	80 mm
Shank square	4.9 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	1
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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