

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

for universal use up to 1200 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>



### 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/mm<sup>2</sup>.

### Advantage

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

Application	Steel (N/mm <sup>2</sup> )			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		

<b>Art. no.</b>	<b>13220 223</b>
<b>Type</b>	UNI MAX 40 Control
<b>Thread type</b>	Metric fine thread
<b>Thread type x nominal diameter</b>	MF22
<b>Pitch</b>	1.5 mm
<b>Hole type</b>	Blind hole ≤ 2.5xD
<b>Cutting material</b>	HSSE V3
<b>Surface</b>	Vaporised
<b>Lead angle shape</b>	C
<b>Tolerance of screw taps</b>	ISO 2 (6H)
<b>Twist angle</b>	40° (right)
<b>Shaft diameter</b>	18 mm
<b>Application type/machine type</b>	CNC, Conventional
<b>Core hole diameter</b>	20.5 mm
<b>Length</b>	125 mm
<b>Shank square</b>	14.5 mm
<b>Cutting speed (steel 1000) suitability</b>	1
<b>Cutting speed (steel 1300) suitability</b>	1
<b>Overall stainless steel suitability</b>	1
<b>fitness not iron total</b>	2
<b>fitness Titan/Nickel/Super total</b>	2
<b>Cutting speed (cast) suitability</b>	1
<b>Cutting speed (hard 55) suitability</b>	3
<b>Cutting speed (hard 65) suitability</b>	3
<b>DIN</b>	374

### EAN-Code

4050293426205