

**Machine tap HSSE V3**  
for universal use up to 1200 N/mm<sup>2</sup>



**Application**

For producing fine metric threads on CNC machines or conventional machines in **through 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		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
	18	12	6	8	8	8	18	6	16	10	14	15	WS-N	15	3	3	3		

<b>Art. No.</b>	<b>13220 050</b>
<b>Application type/machine type</b>	CNC, Conventional
<b>Thread type</b>	Metric fine thread
<b>Hole type</b>	Blind hole ≤ 2.5xD
<b>Surface</b>	Vaporised
<b>Tolerance of screw taps</b>	ISO 2 (6H)
<b>Lead angle shape</b>	C
<b>Thread type x nominal diameter</b>	MF5
<b>Pitch</b>	0.5 mm
<b>Length</b>	70 mm
<b>Core hole diameter</b>	4.5 mm
<b>Shaft diameter</b>	3.5 mm
<b>Shank square</b>	2.7 mm
<b>Twist angle</b>	40° (right)
<b>DIN</b>	374

**EAN-Code**

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