

# Thread former, overlength HSSE-PM TiN M ISO 2X (6HX) 0° 376 similar to 2174 C

For universal use up to 1300 N/mm<sup>2</sup>



## Application

For producing fine, deep-set metric threads in through holes and blind holes on CNC or conventional machines **in steel, stainless steel, non-ferrous metals up to a strength of 1300 N/mm<sup>2</sup>.**

## Version

- Extra-long machine thread former with lubrication grooves

## Advantage

- Innovative mould geometry ensures very high dimensional accuracy and process reliability.
- Very easy access to deeply recessed threads.

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
	45	30	20	18	12	40	50	35	45	27	32								

<b>Art. No.</b>	<b>13399 700</b>
<b>Surface</b>	TiN
<b>Lead angle shape</b>	C
<b>Thread type</b>	Metric thread
<b>Thread type x nominal diameter</b>	M20
<b>Pitch</b>	2.5 mm
<b>Cutting material</b>	HSSE-PM
<b>Core hole diameter</b>	18.9 mm
<b>Length</b>	280 mm
<b>Hole type</b>	Clearance/blind hole ≤ 3xD
<b>Shaft diameter</b>	16 mm
<b>Shank square</b>	12 mm
<b>Coolant supply</b>	Internal axial
<b>Tolerance of screw taps</b>	ISO 2X (6HX)
<b>Application type/machine type</b>	CNC, Conventional
<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>Cutting speed (cast) suitability</b>	3
<b>fitness Titan/Nickel/Super total</b>	3
<b>Cutting speed (hard 65) suitability</b>	3
<b>DIN</b>	Similar to 376, 2174

## EAN-Code

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