

## Thread former with internal cooling rad HSSE TiCN M ISO 2X (6HX) 0° 376

C

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

**ATORN®**

### Application

For manufacturing metric threads in through and blind holes on CNC or conventional machines in the **steel, stainless steel and non-ferrous metals up to a strength of 1500 N/mm<sup>2</sup>**.



### Advantage

- Innovative shape geometry optimised for machining high-strength materials
- High-quality, torsion-resistant HSSE cutting material and surface finish ensure a long service life

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
	28	12	10			30	40	30	40	25	35	30							

<b>Art. no.</b>	<b>13395 820</b>
<b>Surface</b>	TiCN
<b>Lead angle shape</b>	C
<b>Thread type</b>	Metric thread
<b>Thread type x nominal diameter</b>	M12
<b>Pitch</b>	1.75 mm
<b>Cutting material</b>	HSSE
<b>Core hole diameter</b>	11.2 mm
<b>Length</b>	110 mm
<b>Hole type</b>	Clearance/blind hole ≤ 3xD
<b>Shaft diameter</b>	9 mm
<b>Shank square</b>	7 mm
<b>Coolant supply</b>	Internal radial
<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>	3
<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>	376

### EAN-Code

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