

Thread former, HSSE-AlCrN M ISO 2X (6HX) 0° 371 similar to C

For universal use up to 1300 N/mm²

ATORN[®]



Application

For manufacturing metric threads in through and blind holes on CNC or conventional machines **with oil lubrication** in **steel, stainless steel and non-ferrous metals up to a strength of 1300 N/mm²**.

Advantage

- Innovative mould geometry ensures very high dimensional accuracy and process reliability.
- High-quality, torsion-resistant HSSE cutting material and surface finish for very high service life requirements.

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
	30	25	10	10	7	26	38	20	30	18	25								

Art. No.	13394 550
Surface	AlCrN
Lead angle shape	C
Thread type	Metric thread
Thread type x nominal diameter	M5
Pitch	0.8 mm
Cutting material	HSSE
Core hole diameter	4.65 mm
Length	70 mm
Hole type	Clearance/blind hole ≤ 3xD
Shaft diameter	6 mm
Shank square	4.9 mm
Coolant supply	External
Tolerance of screw taps	ISO 2X (6HX)
Application type/machine type	CNC, Conventional
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	1
Overall stainless steel suitability	1
fitness not iron total	2
Cutting speed (cast) suitability	3
fitness Titan/Nickel/Super total	3
Cutting speed (hard 65) suitability	3
DIN	Similar to 371

EAN-Code

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