Thread former, oversize with internal cooling axial HSSE-PM Carbo M ISO 3X (6GX) 0° 371 similar to C

For universal use up to 1300 N/mm2

Application

For manufacturing metric threads in through holes and blind holes on CNC and conventional machines in the NF metal material group up to a strength of 1300 N/mm² with a material expansion of > 10%.

Version

- With lubrication grooves and internal cooling, structural dimensions according to: DIN 371 = reinforced shank (up to M10), DIN 376 = protruding shank (from M12)

Advantage

- Innovative mould geometry ensures very high dimensional accuracy and process reliability.
- Innovative carbo coating for very good gliding properties and emergency operating function if coolant supply is interrupted.

Application	Steel (N/mm²)			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
						40	50	35	45	27	32								

Art. No.	*13398 500*
Surface	Carbo coating
Lead angle shape	C
Thread type	Metric thread
Thread type x nominal diameter	M10
Pitch	1.5 mm
Cutting material	HSSE
Core hole diameter	9.3 mm
Length	100 mm
Hole type	Clearance/blind hole ≤ 3xD
Shaft diameter	10 mm
Shank square	8 mm
Coolant supply	Internal axial
Tolerance of screw taps	ISO 3X (6GX)
Application type/machine type	CNC, Conventional
Cutting speed (steel 1000) suitability	3
Cutting speed (steel 1300) suitability	3
Overall stainless steel suitability	3
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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