Screw tap, HSSE-PM M ISO 2X (6HX) 30° (right) 371 C

for use in titanium and nickel alloys

Application

For producing metric threads on CNC machines or conventional machines in **blind holes** in the titanium and nickel alloy material group **up to 1000 N/mm²**.

Version

- structural dimensions in accordance with: DIN 371 = reinforced shank (up to M10), DIN 376 = over-long shank (from M12)

Advantage

- good service life and process reliability thanks to innovative cutting geometry and coating for use in titanium and nickel alloys

Application	Steel (N/mm²)			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
															6	5			

Art. No.	*13286 050*
Type	S MAX Control
Thread type	Metric thread
Thread type x nominal diameter	M5
Pitch	0.8 mm
Hole type	Blind hole ≤ 2xD
Cutting material	HSSE-PM
Surface	Vaporised
Lead angle shape	C
Tolerance of screw taps	ISO 2X (6HX)
Twist angle	30° (right)
Shaft diameter	6 mm
Application type/machine type	CNC, Conventional
Core hole diameter	4.2 mm
Coolant supply	External
Length	70 mm
Shank square	4.9 mm
Cutting speed (steel 1000) suitability	3
Cutting speed (steel 1300) suitability	3
Overall stainless steel suitability	3
fitness not iron total	3
fitness Titan/Nickel/Super total	2
Cutting speed (cast) suitability	3
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	371

EAN-Code

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