Screw tap, HSSE M ISO 2 (6H) 15° (left) 371 D

For universal conventional use up to 1000 N/mm2

Application

For producing metric threads on conventional machines in **through holes** in the steel, (stainless steel), non-ferrous metals and (cast iron) material groups up to a strength of 1000 N/mm^2.

Version

- Dimensions pursuant to: DIN 371 = reinforced shank (up to M10), DIN 376 = transition-fit shank (from M12)

Advantage

- Long service life and high level of process reliability thanks to innovative cutting geometry and universal application for maximum flexibility in use
- Reliable chip removal through a 15° left-hand spiral in long-chipping materials

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
	16	11		9		18	18	15	18	15	15	13		16					

Art. No.	*13100 050*
Type	P MAX 1000 Control
Thread type	Metric thread
Thread type x nominal diameter	M5
Pitch	0.8 mm
Hole type	Clearance hole ≤ 3xD
Cutting material	HSSE
Surface	Uncoated
Lead angle shape	D
Tolerance of screw taps	ISO 2 (6H)
Twist angle	15° (left)
Shaft diameter	6 mm
Application type/machine type	Conventional
Core hole diameter	4.2 mm
Coolant supply	External
Length	70 mm
Shank square	4.9 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	3
Overall stainless steel suitability	3
fitness not iron total	1
fitness Titan/Nickel/Super total	3
Cutting speed (cast) suitability	2
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	371

EAN-Code

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