

Screw tap, oversize HSSE M ISO 3 (6G) 0° 371 B

for universal use up to 1000 N/mm²

ATORN[®]



Application

For producing **oversized** metric threads to **ISO 3** (for subsequent surface treatment or shrinking of the thread in the course of hardening) in **through holes** on CNC or conventional machines in the steel, (stainless steel), non-ferrous metals and (cast iron) material groups up to a strength of 1000 N/mm².

Version

- with reinforced shank

Advantage

- good service life and process reliability thanks to innovative cutting geometry and universal use for the greatest flexibility in applications

Application	Steel (N/mm ²)			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	
	17	12		10		19	19	17	19	17	17	15		18						

Art. No.	13116 050
Type	P MAX 1000
Thread type	Metric thread
Thread type x nominal diameter	M5
Pitch	0.8 mm
Hole type	Clearance hole ≤ 3xD
Cutting material	HSSE
Surface	Vaporised
Lead angle shape	B
Tolerance of screw taps	ISO 3 (6G)
Twist angle	0°
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	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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