# 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  $1000 \, \text{N/mm}^2$ .

#### 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-	Graphite	GG(G)				Hard mat.		
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long	tics	G(C)FK	GjMW	alloy	alloy	alloy	<55 HRC	<65 HRC
	16	11		9		18	18	15	18	15	15	13		16					

Thread type	Art. No.	13100 060					
Thread type x nominal diameter  Pitch  1 mm  Clearance hole ≤ 3xD  Cutting material  HSSE  Surface  Uncoated  Lead angle shape  D  Tolerance of screw taps  Twist angle  Shaft diameter  Application type/machine type  Core hole diameter  Core hole diameter  Coolant supply  Length  Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Tiles State Sta	Туре	P MAX 1000 Control					
Pitch 1 mm  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 5 mm  Coolant supply External  Length 80 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 2  Cutting speed (hard 55) suitability 3	Thread type	Metric thread					
Hole type  Cutting material  Burface  Uncoated  Lead angle shape  D  Tolerance of screw taps  Tolerance of screw taps  Twist angle  Shaft diameter  Application type/machine type  Conventional  Core hole diameter  Coolant supply  Length  Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Tiles and the street of the street	Thread type x nominal diameter	M6					
Cutting material  Surface  Uncoated  Lead angle shape  D  Tolerance of screw taps  ISO 2 (6H)  Twist angle  Shaft diameter  Application type/machine type  Conventional  Core hole diameter  Coolant supply  Length  Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Overall stainless steel suitability  Infiness not iron total  fitness Titan/Nickel/Super total  Cutting speed (hard 55) suitability  Cutting speed (hard 55) suitability  3	Pitch	1 mm					
Surface  Lead angle shape  Tolerance of screw taps  Tolerance of screw taps  Twist angle  Shaft diameter  Application type/machine type  Conventional  Core hole diameter  Coolant supply  Length  Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Titles shall stainless steel suitability  Titles shall speed (steel speed (steel 1000) suitability  Titles shall stainless steel suitability  Titles shall speed (steel speed (steel speed (speed speed speed (speed speed speed speed speed (speed speed speed speed speed speed speed speed speed speed (speed speed speed speed speed speed speed speed speed speed spe	Hole type	Clearance hole ≤ 3xD					
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Tolerance of screw taps  Twist angle  Shaft diameter  Application type/machine type  Conventional  Core hole diameter  Coolant supply  Length  Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Titles not iron total  fitness Titan/Nickel/Super total  Cutting speed (hard 55) suitability  Cutting speed (hard 55) suitability  3	Surface	Uncoated					
Twist angle 15° (left)  Shaft diameter 6 mm  Application type/machine type Conventional  Core hole diameter 5 mm  Coolant supply External  Length 80 mm  Shank square 4.9 mm  Cutting speed (steel 1000) suitability 1  Cutting speed (steel 1300) suitability 3  Overall stainless steel suitability 3  Overall stainless steel suitability 3  Cutting speed (cast) suitability 2  Cutting speed (cast) suitability 2  Cutting speed (hard 55) suitability 3	Lead angle shape	D					
Shaft diameter 6 mm  Application type/machine type Conventional  Core hole diameter 5 mm  Coolant supply External  Length 80 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 55) suitability 3  Cutting speed (hard 55) suitability 3	Tolerance of screw taps	ISO 2 (6H)					
Application type/machine type Conventional Core hole diameter Coolant supply External Length 80 mm Shank square Cutting speed (steel 1000) suitability 1 Cutting speed (steel 1300) suitability 3 Overall stainless steel suitability 3 fitness not iron total fitness Titan/Nickel/Super total Cutting speed (cast) suitability 2 Cutting speed (hard 55) suitability 3 Cutting speed (hard 55) suitability 3 Cutting speed (hard 55) suitability 3 Cutting speed (hard 65) suitability 3	Twist angle	15° (left)					
Core hole diameter 5 mm  Coolant supply External  Length 80 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 55) suitability 3  Cutting speed (hard 65) suitability 3	Shaft diameter	6 mm					
Coolant supply  Length  80 mm  Shank square  4.9 mm  Cutting speed (steel 1000) suitability  1  Cutting speed (steel 1300) suitability  3  Overall stainless steel suitability  fitness not iron total  fitness Titan/Nickel/Super total  Cutting speed (cast) suitability  2  Cutting speed (hard 55) suitability  3  Cutting speed (hard 65) suitability  3  Cutting speed (hard 65) suitability  3	Application type/machine type	Conventional					
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Shank square  Cutting speed (steel 1000) suitability  Cutting speed (steel 1300) suitability  Overall stainless steel suitability  3  Overall stainless steel suitability  1  fitness not iron total  fitness Titan/Nickel/Super total  Cutting speed (cast) suitability  2  Cutting speed (hard 55) suitability  3  Cutting speed (hard 55) suitability  3  Cutting speed (hard 65) suitability  3	Coolant supply	External					
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Cutting speed (cast) suitability 2 Cutting speed (hard 55) suitability 3 Cutting speed (hard 65) suitability 3	fitness not iron total	1					
Cutting speed (hard 55) suitability 3 Cutting speed (hard 65) suitability 3	fitness Titan/Nickel/Super total	3					
Cutting speed (hard 65) suitability 3	Cutting speed (cast) suitability	2					
5	Cutting speed (hard 55) suitability	3					
<b>DIN</b> 371	Cutting speed (hard 65) suitability	3					
	DIN	371					

# **EAN-Code**

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