Screw tap, HSSE TiCN M ISO 2 (6H) 0° 371 B for universal use up to 1000 N/mm2



Application

For producing metric threads on CNC machines or 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/mm².

Version

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

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

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
	18	13		10		19	19	17	19	17	17	15		18					

Type P MAX 1000 Thread type Metric thread Thread type x nominal diameter M8 Pitch 1.25 mm Hole type Clearance hole ≤ 3xD Cutting material HSSE Surface TiCN Lead angle shape B Tolerance of screw taps ISO 2 (6H) Twist angle 0° Shaft diameter 8 mm Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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		10115 000					
Thread type X nominal diameter M8 Pitch 1.25 mm Clearance hole ≤ 3xD Cutting material HSSE Surface TiCN Lead angle shape B Tolerance of screw taps Tolerance of screw taps Twist angle Shaft diameter Application type/machine type Core hole diameter Coolant supply Length Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability Tiness not iron total fitness Titan/Nickel/Super total	Art. No.	13115 080					
Thread type x nominal diameter Pitch 1.25 mm Clearance hole ≤ 3xD Cutting material HSSE Surface TiCN Lead angle shape B Tolerance of screw taps Tolerance of screw taps Twist angle Shaft diameter Application type/machine type CNC, Conventional Core hole diameter Coolant supply Length Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability Tich stapp	Туре	P MAX 1000					
Pitch 1.25 mm Hole type Clearance hole ≤ 3xD Cutting material HSSE Surface TiCN Lead angle shape B Tolerance of screw taps ISO 2 (6H) Twist angle 0° Shaft diameter 8 mm Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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 3xD MSSE BMM Clearance hole ≤ 3xD Clearance hole ≤ 3xD Exernal B MSSE CNC, Cohenettonal 6.8 mm CNC, Conventional 6.2 mm 3	Thread type	Metric thread					
Hole type Clearance hole ≤ 3xD Cutting material HSSE Surface TiCN Lead angle shape B Tolerance of screw taps Tolerance of screw taps Tolerance of screw taps Shaft diameter Application type/machine type CNC, Conventional Core hole diameter Coolant supply External Length 90 mm Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability 3 Overall stainless steel suitability 3 fitness not iron total fitness Titan/Nickel/Super total	Thread type x nominal diameter	M8					
Cutting material Surface TiCN Lead angle shape B Tolerance of screw taps Tolerance of screw taps Tolerance of screw taps Shaft diameter Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability 3 Overall stainless steel suitability 3 fitness not iron total fitness Titan/Nickel/Super total	Pitch	1.25 mm					
Surface TiCN Lead angle shape B Tolerance of screw taps ISO 2 (6H) Twist angle 0° Shaft diameter 8 mm Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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	Hole type	Clearance hole ≤ 3xD					
Lead angle shape Tolerance of screw taps ISO 2 (6H) Twist angle O° Shaft diameter Application type/machine type Core hole diameter Coolant supply External Length 90 mm Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability Tutting speed (steel 1300) suitability Overall stainless steel suitability 3 fitness not iron total fitness Titan/Nickel/Super total	Cutting material	HSSE					
Tolerance of screw taps Tolerance of screw taps Twist angle Shaft diameter Application type/machine type CNC, Conventional Core hole diameter Coolant supply External Length 90 mm Shank square Cutting speed (steel 1000) suitability Cutting speed (steel 1300) suitability Touring speed (steel suitabi	Surface	TiCN					
Twist angle Shaft diameter 8 mm Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 mm Cutting speed (steel 1000) suitability 1 Cutting speed (steel 1300) suitability 3 Overall stainless steel suitability fitness not iron total 1 fitness Titan/Nickel/Super total	Lead angle shape	В					
Shaft diameter 8 mm Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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	Tolerance of screw taps	ISO 2 (6H)					
Application type/machine type CNC, Conventional Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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	Twist angle	0°					
Core hole diameter 6.8 mm Coolant supply External Length 90 mm Shank square 6.2 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	Shaft diameter	8 mm					
Coolant supply Length 90 mm Shank square 6.2 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	Application type/machine type	CNC, Conventional					
Length 90 mm Shank square 6.2 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	Core hole diameter	6.8 mm					
Shank square 6.2 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	Coolant supply	External					
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	Length	90 mm					
Cutting speed (steel 1300) suitability 3 Overall stainless steel suitability 3 fitness not iron total 1 fitness Titan/Nickel/Super total 3	Shank square	6.2 mm					
Overall stainless steel suitability 3 fitness not iron total 1 fitness Titan/Nickel/Super total 3	Cutting speed (steel 1000) suitability	1					
fitness not iron total 1 fitness Titan/Nickel/Super total 3	Cutting speed (steel 1300) suitability	3					
fitness Titan/Nickel/Super total 3	Overall stainless steel suitability	3					
	fitness not iron total	1					
A	fitness Titan/Nickel/Super total	3					
Cutting speed (cast) suitability 2	Cutting speed (cast) suitability	2					
Cutting speed (hard 55) suitability 3	Cutting speed (hard 55) suitability	3					
Cutting speed (hard 65) suitability 3	Cutting speed (hard 65) suitability	3					
DIN 371	DIN	371					

EAN-Code

4050293017489

