

Screw tap, HSSE-PM Ultra HL G 0° 5156 B

for universal use up to 1200 N/mm²

ATORN[®]



Application

For manufacturing pipe threads on CNC or conventional machines in **through holes** in the steel, stainless steel, NF metal, cast and special alloy material groups up to a strength of 1200 N/mm².

Advantage

- Universal use for maximum flexibility of application
- Innovative cutter geometry ensures high process reliability even in difficult machining conditions

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
	22	16	12	12	12	14	30	17	24	12	20	30	16	18	7	6	6		

Art. No.	13213 040
Type	UNI MAX 45HL Speed
Thread type	Pipe thread
Thread type x nominal diameter in inches	G 1/2 in
Pitch	0 mm
Number of thread starts per inch	14
Hole type	Clearance hole ≤ 3xD
Cutting material	HSSE-PM
Surface	ULTRA HL
Lead angle shape	B
Twist angle	0°
Shaft diameter	16 mm
Application type/machine type	CNC, Conventional
Core hole diameter	19 mm
Coolant supply	External
Length	125 mm
Shank square	12 mm
Cutting speed (steel 1000) suitability	1
Cutting speed (steel 1300) suitability	1
Overall stainless steel suitability	1
fitness not iron total	2
fitness Titan/Nickel/Super total	1
Cutting speed (cast) suitability	1
Cutting speed (hard 55) suitability	3
Cutting speed (hard 65) suitability	3
DIN	5156

EAN-Code

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