

Machine taps extra long HSS-E-PM, TiAlN, M: M20



Order data

Order number	134655 M20
GTIN	4045197705204
Item class	11H

Description

Version:

With extra long shank.

Special **TiAIN coating**, highly suitable for **aluminium alloys.**

All sizes: Shank to DIN 376 (= shank Ø relieved), outstandingly suitable for use up to great depths.

Advantage:

Designed for tapping threads where access is difficult.

Application:

Suitable for materials with tensile strength up to maximum 450N/mm².

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2 6H Thread pitch: 2.5 mm Overall length L: 280 mm Shank Ø D_s: 16 mm Shank square □: 12 mm Tapping hole Ø: 17.5 mm

Technical description

Number of clamping slots	4
Thread Ø	20 mm
Thread pitch	2.5 mm
Number of cutting edges Z	4
Tapping hole ∅	17.5 mm

Standard	Manufacturer's standard		
Shank Ø D _s	16 mm		
Overall length L	280 mm		
Shank square □	12 mm		
Tolerance class	ISO 2 6H		
Tool material	HSS E PM		
Thread depth	60 mm		
Thread type	M		
Thread size	M20		
Coating	TiAlN		
Flank angle	60 °		
Thread standard	DIN 13		
Taper lead form	С		
Helix angle	40 °		
Shank	Plain shank with h9		
Through-coolant	no		
Application for type of drilling	up to 3×D for blind holes		
Cutting direction	right-hand		
Type of threading tool	Machine tap for dynamic machining		
Colour ring	yellow		
Type of product	Тар		

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable	23 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	27 m/min	Р

CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		
wet maximum	suitable		