

**HOLEX Clever Tap machine tap, uncoated, UNF: 1/2-20****Order data**

Order number	138004 1/2-20
GTIN	4067263162445
Item class	12H

**Description****Version:****HOLEX Clever Tap:**

Sturdy tap for conventional standard applications. High-quality HSS-E tool material and geometry for steels. Surface: Bronze-coloured tempered thread profile. **HSS-E**

**Application:**

**For UNF uniform fine threads ASME – B1.1.**

**Technical description**

Thread size	1/2-20 UNF
Number of clamping slots	3
Thread depth	31.75 mm
Standard	DIN 374
Number of cutting edges Z	3
Thread Ø	12.7 mm
Shank square □	7 mm
Tool material	HSS E
Overall length L	100 mm
Thread pitch	1.27 mm
Thread type	UNF
Threads per inch	20

Tapping hole $\varnothing$	11.5 mm
Shank $\varnothing D_s$	9 mm
Series	CleverTap
Coating	uncoated
Flank angle	60 degrees
Tolerance class	2B
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Taps

## User data

	Suitability	$V_c$	ISO code
Aluminium	suitable only under restricted conditions	13 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	12 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	12 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	6 m/min	P
Oil	suitable		
wet maximum	suitable		

