

**HOLEX Clever Tap machine tap, uncoated, UNC: 1/2-13****Order data**

Order number	137868 1/2-13
GTIN	4067263162377
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 **UNC uniform coarse threads** ASME – B1.1.

Technical description

Standard	DIN 376
Shank square □	7 mm
Threads per inch	13
Thread size	1/2-13 UNC
Shank Ø D _s	9 mm
Tool material	HSS E
Tapping hole Ø	10.8 mm
Overall length L	110 mm
Thread Ø	12.7 mm
Number of clamping slots	3
Thread type	UNC
Number of cutting edges Z	3

Thread depth	31.75 mm
Thread pitch	1.954 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 ²	suitable	12 m/min	P
Steel < 750 N/mm ²	suitable	12 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	6 m/min	P
Oil	suitable		
wet maximum	suitable		

