



HOLEX Clever Tap machine tap, uncoated, UNF: 5/8-18



Order data

Order number	138004 5/8-18
GTIN	4067263162469
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 type	UNF
Thread depth	39.7 mm
Number of cutting edges Z	3
Thread \varnothing	15.88 mm
Shank square \square	9 mm
Tapping hole \varnothing	14.5 mm
Threads per inch	18
Standard	DIN 374
Tool material	HSS E
Thread size	5/8-18 UNF
Number of clamping slots	3
Shank \varnothing D _s	12 mm

Thread pitch	1.411 mm
Overall length L	100 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		

