



HOLEX Clever Tap machine tap, uncoated, UNC: 5/16-18



Order data

Order number	137868 5/16-18
GTIN	4067263162346
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

Threads per inch	18
Number of cutting edges Z	3
Overall length L	90 mm
Shank square □	6.2 mm
Thread depth	19.85 mm
Thread pitch	1.411 mm
Thread Ø	7.94 mm
Thread type	UNC
Number of clamping slots	3
Standard	DIN 371
Thread size	5/16-18 UNC
Tapping hole Ø	6.6 mm

Tool material	HSS E
Shank $\varnothing D_s$	8 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		

