



## Machine tap, uncoated, UNC: 5/8-11



### Order data

Order number	137862 5/8-11
GTIN	4045197594983
Item class	12H

### Description

#### Version:

**Sturdy design, with right-hand chip flutes. HSS-E**

#### Application:

**For UNC uniform coarse threads ASME – B1.1.**

Thread type: UNC

Tool material: HSS E

Standard: DIN 376

Threads per inch: 11

Thread Ø: 15.88 mm

Overall length L: 110 mm

Shank Ø D<sub>s</sub>: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 13.5 mm

### Technical description

Threads per inch	11
Number of cutting edges Z	3
Thread pitch	2.309 mm
Tapping hole Ø	13.5 mm
Number of clamping slots	3
Thread Ø	15.88 mm
Standard	DIN 376

Tool material	HSS E
Shank $\varnothing D_s$	12 mm
Overall length L	110 mm
Shank square $\square$	9 mm
Thread depth	31.76 mm
Thread type	UNC
Thread size	5/8-11 UNC
Coating	uncoated
Flank angle	60°
Tolerance class	2B
Taper lead form	C
Helix angle	15°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2xD for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

