



## Machine tap, uncoated, UNC: 5-40



### Order data

Order number	137862 5-40
GTIN	4045197594877
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 371

Threads per inch: 40

Thread  $\varnothing$ : 3.17 mm

Overall length L: 56 mm

Shank  $\varnothing$  D<sub>s</sub>: 3.5 mm

Shank square  $\square$ : 2.7 mm

Tapping hole  $\varnothing$ : 2.65 mm

### Technical description

Number of cutting edges Z	3
Tapping hole $\varnothing$	2.65 mm
Thread pitch	0.635 mm
Number of clamping slots	3
Thread $\varnothing$	3.17 mm
Threads per inch	40
Standard	DIN 371
Tool material	HSS E

Shank $\varnothing D_s$	3.5 mm
Overall length L	56 mm
Shank square $\square$	2.7 mm
Thread depth	6.36 mm
Thread type	UNC
Thread size	5-40 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 2×D 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		

