

Garant
Machine tap, uncoated, UNF: 7/16-20

Order data

Order number	138000 7/16-20
GTIN	4045197080349
Item class	11H

Description
Version:
Sturdy design, with right-hand chip flutes. HSS-E
Application:
For UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E

Standard: DIN 374

Threads per inch: 20

Thread Ø: 11.11 mm

Overall length L: 100 mm

 Shank Ø D_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 9.9 mm

Technical description

Number of clamping slots	3
Tapping hole Ø	9.9 mm
Threads per inch	20
Thread Ø	11.11 mm
Number of cutting edges Z	3
Tool material	HSS E
Standard	DIN 374

Shank $\varnothing D_s$	8 mm
Overall length L	100 mm
Shank square \square	6.2 mm
Thread depth	22.22 mm
Thread pitch	1.27 mm
Thread type	UNF
Thread size	7/16-20 UNF
Coating	uncoated
Flank angle	60°
Tolerance class	2B
Taper lead form	C
Helix angle	20°
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 ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

