Garant

Machine tap, uncoated, UNF: 3/4-16

Order data

Order number	138000 3/4-16
GTIN	4045197080387
Item class	11H

Description

Version:
Sturdy design, with 20° right-hand chip flutes. HSS-E
Application:
For UNF uniform fine threads ASME – B1.1.

Technical description

Threads per inch	16
Number of clamping slots	4
Thread ∅	19.05 mm
Tapping hole ∅	17.5 mm
Number of cutting edges Z	4
Tool material	HSS E
Standard	DIN 374
Shank ∅ D_s	14 mm
Overall length L	110 mm
Shank square ☐	11 mm
Thread depth	38.1 mm
Thread pitch	1.588 mm
Thread type	UNF

Thread size	3/4-16 UNF
Coating	uncoated
Flank angle	60 degrees
Tolerance class	2B
Taper lead form	C
Helix angle	20 degrees
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/mm²	suitable	15 m/min	P
Steel < 750 N/mm²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		