

Garant
Machine tap, uncoated, UNC: 6-32

Order data

Order number	137860 6-32
GTIN	4045197080158
Item class	11H

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: 32

Thread Ø: 3.51 mm

Overall length L: 56 mm

 Shank Ø D_s: 4 mm

Shank square □: 3 mm

Tapping hole Ø: 2.85 mm

Technical description

Thread pitch	0.794 mm
Threads per inch	32
Thread Ø	3.51 mm
Number of clamping slots	3
Tapping hole Ø	2.85 mm
Number of cutting edges Z	3
Standard	DIN 371
Tool material	HSS E

Shank $\varnothing D_s$	4 mm
Overall length L	56 mm
Shank square \square	3 mm
Thread depth	7.02 mm
Thread type	UNC
Thread size	6-32 UNC
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 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 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		

