

Garant
Machine tap HSS-E Form B, uncoated, MF: 33X2

Order data

Order number	132830 33X2
GTIN	4045197073389
Item class	11H

Description
Version:
With spiral point.

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 160 mm

 Shank $\varnothing D_s$: 25 mm

 Shank square \square : 20 mm

 Tapping hole \varnothing : 31 mm

Technical description

Number of clamping slots	4
Thread \varnothing	33 mm
Number of cutting edges Z	4
Tapping hole \varnothing	31 mm
Thread pitch	2 mm
Shank $\varnothing D_s$	25 mm
Overall length L	160 mm
Shank square \square	20 mm
Tolerance class	ISO 2 6H

Tool material	HSS E
Standard	DIN 374
Thread depth	99 mm
Thread type	MF
Thread size	M33×2
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through 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		