

Garant
Machine tap HSS-E Form C 6H left-hand thread, uncoated, MF-LH: 20X1,5

Order data

Order number	133010 20X1,5
GTIN	4045197585448
Item class	11H

Description
Note:

The **GARANT micro lubrication system** ensures optimal and accurate distribution of the cutting oil. **This eliminates the need for changeover to 8% emulsion. See No. 130100 size S.**

Technical description

Tapping hole \varnothing	18.5 mm
Number of clamping slots	4
Thread pitch	1.5 mm
Number of cutting edges Z	4
Thread \varnothing	20 mm
Shank $\varnothing D_s$	16 mm
Overall length L	125 mm
Shank square \square	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Standard	DIN 374
Thread depth	40 mm
Thread type	MF-LH
Thread size	M20x1.5 LH

Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Application for type of drilling	up to 2×D for through holes
Cutting direction	left-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Series	Master Tap
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
Steel < 900 N/mm ²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		