

Garant
Machine tap HSS-E, vaporised, M: M12

Order data

Order number	132640 M12
GTIN	4045197072375
Item class	11H

Description
Version:

Guide section with oil grooves, but without chip flutes.

Size M1.7, M2.3, and M2.6 with old DIN profile.

With spiral point. Tolerance class: ISO 2 6H

Technical description

Number of cutting edges Z	4
Thread \varnothing	12 mm
Number of clamping slots	4
Tapping hole \varnothing	10.2 mm
Thread pitch	1.75 mm
Standard	DIN 376
Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square \square	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	36 mm
Thread type	M
Thread size	M12

Coating	vaporised
Flank angle	60 degrees
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 dynamic machining
Colour ring	green
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
Steel < 1100 N/mm ²	suitable only under restricted conditions	6 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable only under restricted conditions		