

Garant
Machine tap HSS-E-PM, TiCN, M: M12

Order data

Order number	135760 M12
GTIN	4045197077608
Item class	11H

Description
Version:
Sturdy design, with 15° right-hand chip flutes.

 For use with **emulsion** (fat content minimum 8%).

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

 Shank $\varnothing D_s$: 12 mm

 Shank square \square : 9 mm

 Tapping hole \varnothing : 10.2 mm

Technical description

Thread \varnothing	12 mm
Thread pitch	1.75 mm
Number of clamping slots	3
Tapping hole \varnothing	10.2 mm
Number of cutting edges Z	3
Standard	DIN 371
Shank $\varnothing D_s$	12 mm
Overall length L	110 mm
Shank square \square	9 mm

Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	24 mm
Thread type	M
Thread size	M12
Coating	TiCN
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	15°
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 dynamic machining
Colour ring	pink
Type of product	Tap

User data

	Suitability	V _c	ISO code
Steel < 900 N/mm ²	suitable only under restricted conditions	23 m/min	P
Steel < 1100 N/mm ²	suitable	13 m/min	P
Steel < 1400 N/mm ²	suitable	7 m/min	P
Ti > 850 N/mm ²	suitable	5 m/min	S
Oil	suitable		
wet maximum	suitable		