

Garant
Fluteless machine tap with oil grooves HSS-E-PM, TiN, MF: 12X1

Order data

Order number	139260 12X1
GTIN	4045197509482
Item class	11H

Description
Version:

The **innovative polygon form** for a wide application spectrum. Particularly suitable for nickel-chrome steels.

Satisfies DIN 374.

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 100 mm

Shank $\varnothing D_s$: 9 mm

Shank square \square : 7 mm

Tapping hole \varnothing guide value: 11.55 mm

Technical description

Number of clamping slots	6
Number of cutting edges Z	6
Thread \varnothing	12 mm
Shank $\varnothing D_s$	9 mm
Shank square \square	7 mm
Overall length L	100 mm
Tapping hole \varnothing guide value	11.55 mm
Thread depth	36 mm
Thread pitch	1 mm

Tolerance class	ISO 2X 6HX
Thread size	M12×1
Coating	TiN
Thread type	MF
Flank angle	60°
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Colour ring	blue
Type of product	Fluteless tap

User data

	Suitability	V _c	ISO code
Steel < 500 N/mm ²	suitable	32 m/min	P
Steel < 750 N/mm ²	suitable	27 m/min	P
Steel < 900 N/mm ²	suitable	22 m/min	P
Steel < 1100 N/mm ²	suitable	17 m/min	P
INOX < 900 N/mm ²	suitable	12 m/min	M
INOX > 900 N/mm ²	suitable	7 m/min	M
CuZn	suitable	22 m/min	N
Oil	suitable		
wet maximum	suitable		

