

Garant
Machine tap HSS-E-PM, TiN / vaporised, M: M27

Order data

Order number	135375 M27
GTIN	4045197747211
Item class	11H

Description
Version:

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

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Recommendation:

For **TOOLOX** and **HARDOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole \varnothing **0.05** to **0.3 mm** larger.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 3 mm

Overall length L: 160 mm

Shank \varnothing D_s: 20 mm

Shank square □: 16 mm

Tapping hole \varnothing : 24 mm

Technical description

Tolerance class	ISO 2 6H
Number of cutting edges Z	4
Overall length L	160 mm
Shank square □	16 mm
Thread \varnothing	27 mm
Tapping hole \varnothing	24 mm

Shank $\varnothing D_s$	20 mm
Number of clamping slots	4
Tool material	HSS E PM
Thread pitch	3 mm
Standard	DIN 376
Thread depth	81 mm
Thread type	M
Thread size	M27
Coating	TiN / vaporised
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap