

Garant
Machine tap for synchronised spindles HSS-E-PM internal cooling, TiAlN, M: 20X1,5

Order data

Order number	132955 20X1,5
GTIN	4045197705112
Item class	11H

Description
Version:

Sturdy design with spiral point and shank to DIN 1835-B. Special geometry for use on machines with **synchronised spindle drives**. The tap is controlled by the synchronising spindle of the machine. Special **TiAlN-S coating** for optimum tool life. For use with **emulsion** (fat content minimum 8%).

With internal coolant supply for maximum tool life.

Note:

For use on synchronised spindles, the **GARANT** quick-change tapping chuck **No. 338100 – 338121 with minimum length adjustment (MLA)** ensures maximum process reliability.

Thread type: MF

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 125 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 18.5 mm

Technical description

Number of clamping slots	4
Tapping hole Ø	18.5 mm
Thread pitch	1.5 mm
Thread Ø	20 mm

Number of cutting edges Z	4
Shank Ø D _s	16 mm
Overall length L	125 mm
Shank square □	12 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Standard	Manufacturer's standard
Thread depth	60 mm
Thread type	MF
Thread size	M20×1.5
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	B
Shank	DIN 1835 B with h6
Through-coolant	yes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Machine tap for synchronous machining
Colour ring	green
Type of product	Tap