

Garant
Machine tap HSS-E-PM, TiCN, M: M6

Order data

Order number	132055 M6
GTIN	4045197648709
Item class	11H

Description
Version:
Sturdy version.
Recommendation:

For **very hard steels, 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. For use only with a length compensation chuck – even on machines with synchronised spindle drives.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

 Shank \varnothing D_s: 6 mm

Shank square □: 4.9 mm

 Tapping hole \varnothing : 5 mm

Technical description

Thread pitch	1 mm
Tapping hole \varnothing	5 mm
Thread \varnothing	6 mm
Number of clamping slots	3
Number of cutting edges Z	3
Standard	DIN 371
Shank \varnothing D _s	6 mm

Overall length L	80 mm
Shank square □	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	9 mm
Thread type	M
Thread size	M6
Coating	TiCN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 1.5×D for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap