

**Garant**
**Machine tap HSS-E-PM Form CS, uncoated, M: M10**

**Order data**

Order number	131290 M10
GTIN	4045197069535
Item class	11H

**Description**
**Version:**
**With spiral point.**

 (Form CS) 2 – -3 turns chamfer lead – **with spiral point.**
**Advantage:**

Greater wear resistance.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1.5 mm

Overall length L: 100 mm

 Shank  $\varnothing D_s$ : 10 mm

 Shank square  $\square$ : 8 mm

 Tapping hole  $\varnothing$ : 8.5 mm

**Technical description**

Thread $\varnothing$	10 mm
Number of clamping slots	3
Tapping hole $\varnothing$	8.5 mm
Number of cutting edges Z	3
Thread pitch	1.5 mm
Standard	DIN 371
Shank $\varnothing D_s$	10 mm

Overall length L	100 mm
Shank square □	8 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	30 mm
Thread type	M
Thread size	M10
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	CS
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	15 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	9 m/min	P
Oil	suitable		

wet maximum

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suitable only under  
restricted conditions