

Garant**Machine tap extra long HSS-E, uncoated, M: M4****Order data**

Order number	134660 M4
GTIN	4045197075758
Item class	11H

Description**Version:****With extra long shank.**

≤ M10: Shank to DIN 371;

≥ M12: Shank to DIN 376.

Advantage:Designed **for tapping threads where access is difficult.****Technical description**

Thread pitch	0.7 mm
Thread Ø	4 mm
Number of clamping slots	3
Tapping hole Ø	3.3 mm
Number of cutting edges Z	3
Standard	Manufacturer's standard
Shank Ø D _s	4.5 mm
Overall length L	112 mm
Shank square □	3.4 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	12 mm

Thread type	M
Thread size	M4
Coating	uncoated
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 conventional machining
Colour ring	without
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
GG(G)	suitable only under restricted conditions	9 m/min	K
Oil	suitable		
wet maximum	suitable only under restricted conditions		