

**Garant**
**Machine tap short, uncoated, M: M4**

**Order data**

Order number	134650 M4
GTIN	4045197075697
Item class	11H

**Description**
**Version:**

The **short shank projects less and hence is more stable.**

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 0.7 mm

Overall length L: 45 mm

Shank  $\varnothing D_s$ : 4.5 mm

Shank square  $\square$ : 3.4 mm

Tapping hole  $\varnothing$ : 3.3 mm

**Technical description**

Number of clamping slots	3
Thread pitch	0.7 mm
Number of cutting edges Z	3
Thread $\varnothing$	4 mm
Tapping hole $\varnothing$	3.3 mm
Standard	DIN 352
Shank $\varnothing D_s$	4.5 mm
Overall length L	45 mm
Shank square $\square$	3.4 mm

Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	8 mm
Thread type	M
Thread size	M4
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	15-20°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×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 <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

