

**Garant**
**Hand tap set nitrided, uncoated, M: M2,5**

**Order data**

Order number	130450 M2,5
GTIN	4045197066602
Item class	11G

**Description**
**Version:**

Set of three, **consisting of taper, second, and plug tap. Taper tap with long pilot.**

**Surface nitrided**, more resistant to wear.

**Recommendation:**

For **TOOLOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole **0.05 to 0.3 mm** larger.

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2X 6HX

Thread pitch: 0.45 mm

Overall length L: 40 mm

Shank  $\varnothing D_s$ : 2.8 mm

Shank square  $\square$ : 2.1 mm

Tapping hole  $\varnothing$ : 2.05 mm

**Technical description**

Thread $\varnothing$	2.5 mm
Thread pitch	0.45 mm
Tapping hole $\varnothing$	2.05 mm
Standard	DIN 352

Shank $\varnothing D_s$	2.8 mm
Overall length L	40 mm
Shank square $\square$	2.1 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	5 mm
Thread type	M
Thread size	M2.5
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Taper lead form	A
Taper lead form	D
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Hand tap
Colour ring	red
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
Alu > 10% Si	suitable only under restricted conditions		
Steel < 1100 N/mm <sup>2</sup>	suitable		
Steel < 1400 N/mm <sup>2</sup>	suitable		

TOOLOX 33	suitable
GG(G)	suitable only under restricted conditions
Oil	suitable
dry	suitable only under restricted conditions