

**Garant**
**Hand tap set, uncoated, M: M27**

**Order data**

Order number	130400 M27
GTIN	4062406088552
Item class	11G

**Description**
**Version:**

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

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 3 mm

Overall length L: 110 mm

Shank  $\varnothing$  D<sub>s</sub>: 20 mm

Shank square □: 16 mm

Tapping hole  $\varnothing$ : 24 mm

**Technical description**

Thread depth	81 mm
Shank square □	16 mm
Number of clamping slots	3
Thread $\varnothing$	27 mm
Number of cutting edges Z	3

Tapping hole Ø	24 mm
Thread pitch	3 mm
Overall length L	110 mm
Tool material	HSS E
Thread type	M
Shank Ø D <sub>s</sub>	20 mm
Standard	DIN 352
Tolerance class	ISO 2 6H
Thread size	M27
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	A
Taper lead form	C
Taper lead form	D
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes and through holes
Cutting direction	right-hand
Type of threading tool	Hand tap
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu > 10% Si	suitable only under restricted conditions		
Steel < 750 N/mm <sup>2</sup>	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		

Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions
INOX < 900 N/mm <sup>2</sup>	suitable
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions
Ti > 850 N/mm <sup>2</sup>	suitable
GG(G)	suitable only under restricted conditions
Uni	suitable
Oil	suitable
dry	suitable only under restricted conditions