

**Garant**
**Hand tap set, left-hand thread, uncoated, M-LH: M20**

**Order data**

Order number	130460 M20
GTIN	4062406398187
Item class	11G

**Description**
**Version:**

Set of three, **consisting of taper, second, and plug tap.**

**Application:**

For metric left-hand thread to DIN13.

Thread type: M-LH

Tool material: HSS

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 2.5 mm

Overall length L: 95 mm

Shank  $\varnothing D_s$ : 16 mm

Shank square  $\square$ : 12 mm

Tapping hole  $\varnothing$ : 17.5 mm

**Technical description**

Number of clamping slots	4
Tolerance class	ISO 2 6H
Thread type	M-LH
Thread $\varnothing$	20 mm

Thread depth	60 mm
Tool material	HSS
Overall length L	95 mm
Number of cutting edges Z	4
Tapping hole Ø	17.5 mm
Standard	DIN 352
Shank Ø D <sub>s</sub>	16 mm
Thread pitch	2.5 mm
Thread size	M20
Shank square □	12 mm
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	D
Taper lead form	C
Taper lead form	A
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	left-hand
Type of threading tool	Hand tap
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable only under restricted conditions		

Aluminium (short chipping)	suitable only under restricted conditions
Alu > 10% Si	suitable only under restricted conditions
Steel < 500 N/mm <sup>2</sup>	suitable
Steel < 750 N/mm <sup>2</sup>	suitable
Steel < 900 N/mm <sup>2</sup>	suitable
GG(G)	suitable only under restricted conditions
Uni	suitable only under restricted conditions
Oil	suitable
dry	suitable only under restricted conditions