

**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.

**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 $\varnothing$	17.5 mm
Standard	DIN 352

Shank $\varnothing D_s$	16 mm
Thread pitch	2.5 mm
Thread size	M20
Shank square $\square$	12 mm
Coating	uncoated
Flank angle	60 degrees
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 3xD for blind holes
Application for type of drilling	up to 3xD for through holes
Cutting direction	left-hand
Type of threading tool	Hand tap
Colour ring	without
Type of product	Tap

## User data

	Suitability	$V_c$	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