

**Garant****Hand tap, single Taper tap, uncoated, M: M22****Order data**

Order number	130160 M22
GTIN	4045197065674
Item class	11G

**Description****Version:**

Size M2.3 and M2.6 to old DIN profile.

Thread type: M

Tool material: HSS

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 2.5 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 18 mmShank square  $\square$ : 14.5 mmTapping hole  $\varnothing$ : 19.5 mm**Technical description**

Tapping hole $\varnothing$	19.5 mm
Thread $\varnothing$	22 mm
Thread pitch	2.5 mm
Standard	DIN 352
Shank $\varnothing D_s$	18 mm
Overall length L	100 mm
Shank square $\square$	14.5 mm
Tolerance class	ISO 2 6H

Tool material	HSS
Thread depth	44 mm
Thread type	M
Thread size	M22
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
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	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 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