

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

Order number	130410 M22
GTIN	4062406088583
Item class	11G

**Description****Version:**

Tap, **consisting of the 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: 2.5 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 19.5 mm

**Technical description**

Tapping hole Ø	19.5 mm
Overall length L	100 mm
Tool material	HSS E
Thread Ø	22 mm
Thread depth	66 mm
Shank Ø D <sub>s</sub>	18 mm
Thread type	M
Thread pitch	2.5 mm
Number of cutting edges Z	3

Shank square <input type="checkbox"/>	14.5 mm
Standard	DIN 352
Number of clamping slots	3
Tolerance class	ISO 2 6H
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 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