

**Garant**
**Machine taps, uncoated, MF: 22X2**

**Order data**

Order number	136250 22X2
GTIN	4045197078940
Item class	11H

**Description**
**Version:**
**Sturdy design, with 15° right-hand chip flutes.**

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 140 mm

 Shank  $\varnothing D_s$ : 18 mm

 Shank square  $\square$ : 14.5 mm

 Tapping hole  $\varnothing$ : 20 mm

**Technical description**

Thread pitch	2 mm
Tapping hole $\varnothing$	20 mm
Number of clamping slots	4
Number of cutting edges Z	4
Thread $\varnothing$	22 mm
Shank $\varnothing D_s$	18 mm
Overall length L	140 mm
Shank square $\square$	14.5 mm
Tolerance class	ISO 2 6H

Tool material	HSS E
Standard	DIN 374
Thread depth	44 mm
Thread type	MF
Thread size	M22×2
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	15°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

