

**Garant**
**Machine tap for cast iron, TiCN, M: M20**

**Order data**

Order number	132550 M20
GTIN	4045197071972
Item class	11H

**Description**
**Version:**

**With straight flutes and short chamfer lead (2 – 3 turns).**

**Advantage:**

- **Improved wear properties due to hard coating.**
- **Higher cutting speeds due to reduction of thermal load on cutting edges.**
- **Dry machining possible on cast iron – cooling lubricant not necessary.**

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2.5 mm

Overall length L: 140 mm

Shank  $\varnothing D_s$ : 16 mm

Shank square  $\square$ : 12 mm

Tapping hole  $\varnothing$ : 17.5 mm

**Technical description**

Thread $\varnothing$	20 mm
Thread pitch	2.5 mm
Number of cutting edges Z	4
Tapping hole $\varnothing$	17.5 mm
Number of clamping slots	4
Standard	DIN 376

Shank $\varnothing D_s$	16 mm
Overall length L	140 mm
Shank square $\square$	12 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	60 mm
Thread type	M
Thread size	M20
Coating	TiCN
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
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	right-hand
Type of threading tool	Maskinsnitter til dynamisk bearbejdning
Colour ring	white
Type of product	Tap

## User data

	Suitability	$V_c$	ISO code
GG	suitable	16 m/min	K
GGG	suitable	14 m/min	K
wet maximum	suitable		
dry	suitable only under restricted conditions		

