

**Garant**
**Machine tap, uncoated, M: M27**

**Order data**

Order number	134600 M27
GTIN	4045197075574
Item class	11H

**Description**
**Version:**
**Sturdy design, with 15 – 20° right-hand helix.**

Size M2.6 has the old DIN profile.

Thread type: M

Tool material: HSS

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 3 mm

Overall length L: 160 mm

 Shank  $\varnothing D_s$ : 20 mm

 Shank square  $\square$ : 16 mm

 Tapping hole  $\varnothing$ : 24 mm

**Technical description**

Number of cutting edges Z	4
Thread $\varnothing$	27 mm
Tapping hole $\varnothing$	24 mm
Number of clamping slots	4
Thread pitch	3 mm
Standard	DIN 376
Shank $\varnothing D_s$	20 mm
Overall length L	160 mm

Shank square <input type="checkbox"/>	16 mm
Tolerance class	ISO 2 6H
Tool material	HSS
Thread depth	54 mm
Thread type	M
Thread size	M27
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	D
Helix angle	15-20°
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
Oil	suitable		
wet maximum	suitable only under restricted conditions		

