



HOLEX Pro Tap machine tap HSS-E Form C, TiN, M: M20



Order data

| | |
|--------------|---------------|
| Order number | 135910 M20 |
| GTIN | 4062406374495 |
| Item class | 12I |

Description

Version:

Form C (2–3 turns lead chamfer).

HOLEX Pro Tap general-purpose tap. Sturdy design suitable for a wide spectrum of materials.

Improved HSS-E tool material with **friction-reduction TiN coating**.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2 6H

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 type | M |
| Number of clamping slots | 4 |
| Thread depth | 60 mm |
| Overall length L | 140 mm |
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Standard | DIN 376 |
| Shank square \square | 12 mm |

| | |
|----------------------------------|-----------------------------------|
| Shank $\varnothing D_s$ | 16 mm |
| Number of cutting edges Z | 4 |
| Tapping hole \varnothing | 17.5 mm |
| Thread pitch | 2.5 mm |
| Thread \varnothing | 20 mm |
| Thread size | M20 |
| Coating | TiN |
| Flank angle | 60° |
| Thread standard | DIN 13 |
| Taper lead form | C |
| Helix angle | 40° |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| Application for type of drilling | up to 3×D for blind holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for dynamic machining |
| Colour ring | green |
| Type of product | Tap |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|-------------|----------|----------|
| Alu plastics | suitable | 24 m/min | N |
| Aluminium (short chipping) | suitable | 25 m/min | N |
| Alu > 10% Si | suitable | 10 m/min | N |
| Steel < 500 N/mm ² | suitable | 24 m/min | P |
| Steel < 750 N/mm ² | suitable | 20 m/min | P |
| Steel < 900 N/mm ² | suitable | 15 m/min | P |

| | | | |
|--------------------------------|---|----------|---|
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 8 m/min | P |
| INOX < 900 N/mm ² | suitable | 8 m/min | M |
| CuZn | suitable only under restricted conditions | 15 m/min | N |
| Uni | suitable | | |
| Oil | suitable | | |
| wet maximum | suitable | | |