

**Garant****Through hole machine tap with interrupted thread HSS-E-PM, uncoated, M: M12****Order data**

Order number	132400 M12
GTIN	4045197071460
Item class	11H

**Description****Version:**

**Sturdy design with 15° left-hand spiral.** With interrupted thread, this **reduces torque** and **improves distribution of the lubricant.**

Particularly suitable for **titanium alloys** and **pure titanium.**

**Advantage:**

**Ideally suited for use on resilient materials and thin-walled components.** Low frictional resistance, thus no material deformation is caused.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank Ø D<sub>s</sub>: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 10.2 mm

**Technical description**

Thread pitch	1.75 mm
Number of clamping slots	3
Tapping hole Ø	10.2 mm
Number of cutting edges Z	3
Thread Ø	12 mm

Standard	DIN 376
Shank $\varnothing D_s$	12 mm
Overall length L	110 mm
Shank square $\square$	9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	24 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	D
Helix angle	15 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	pink
Type of product	Tap