

Garant
Machine tap with interrupted thread, uncoated, M: M10

Order data

Order number	131900 M10
GTIN	4045197070593
Item class	11H

Description
Version:
Spiral point.

With interrupted thread, this **reduces torque** and **improves distribution of the lubricant**.

Advantage:

Particularly suitable for thin-walled components. Low frictional resistance, thus no material deformation is caused.

Recommendation:

For **TOOLOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole \varnothing **0.05** to **0.3 mm** larger.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1.5 mm

Overall length L: 100 mm

Shank \varnothing D_s: 10 mm

Shank square □: 8 mm

Tapping hole \varnothing : 8.5 mm

Technical description

Number of cutting edges Z	3
Thread \varnothing	10 mm
Number of clamping slots	3
Tapping hole \varnothing	8.5 mm

Thread pitch	1.5 mm
Standard	DIN 371
Shank $\varnothing D_s$	10 mm
Overall length L	100 mm
Shank square \square	8 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	20 mm
Thread type	M
Thread size	M10
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	B
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	red
Type of product	Tap

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Alu > 10% Si	suitable	13 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	15 m/min	P

Steel < 750 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P
Steel < 1100 N/mm ²	suitable	6 m/min	P
TOOLOX 33	suitable	3 m/min	H
CuZn	suitable	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		