

**Machine tap 6G DIN 376, uncoated, M: M12****Order data**

Order number	131350 M12
GTIN	4045197069689
Item class	11H

Description**Version:**

With spiral point.

Tolerance class ISO 3 / 6G = oversize 0.02 – 0.04 mm.

All sizes: Shank to DIN 376 (= shank Ø relieved); thus suitable for greater operating depths.

Application:

For components which are **galvanised** after threading or shrink slightly when hardened.

Technical description

Thread pitch	1.75 mm
Thread Ø	12 mm
Tapping hole Ø	10.2 mm
Number of cutting edges Z	3
Number of clamping slots	3
Standard	DIN 376
Shank Ø D _s	9 mm
Overall length L	110 mm
Shank square □	7 mm
Tolerance class	ISO 3 6G
Tool material	HSS E
Thread depth	36 mm

Data sheet

Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through 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 _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		