

# 1050412 | Multi-application machine tap and drill bit [HSS-GUN-DIN371-6H] + [HSS-TiN-DIN338-split point-3 flats shank] **TECHNIC (Plastic sleeve)**

High performance tap and drill bit for steel, stainless steel, cast iron, and plastics, especially adapted for through-cutting taps, thanks to its Gun nose.



- Especially for multiple applications
- Stainless steel, steels and cast irons
- Especially for through-tapping
- Precise and long-lasting thread tapping
- Rapid drilling

- High-speed steel
- Automatic centring
- Tri-flat shank
- GUN entry
- TiN coating

## Machine



## Application



## Features



## Properties and benefits

- + High speed steel: grade of steel especially designed for cutting tools. ➡ Enables the simple and precise tapping of hard materials, stainless steels, steels, and cast irons.
- + Split-point grinding: reduction of the drill tip. ➡ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the required axial load.
- + Tri-flat shank: cylindrical shank with 3x 120° flats, for 3-piece drill chucks. ➡ Enables maximum torque transmission Prevents the rotation of the bit in the chuck. Specially adapted for through-holes.
- + Gun entry: entry geometry consisting of facets shaped to guide debris towards the front. Improves threading efficiency and precision. ➡ Enables the clearance of debris towards the front, for the simple and precise tapping of through-holes.
- + TiN coating: TiN base, thickness 2/4µm, hardness 2300HV, coefficient of friction 0.4, heat resistance 600°C. Protects against abrasion, oxidation, adhesion. ➡ Thermal shield. Allows you to increase service life, cutting speed, and progress. Reduces the axial load. General use.



Code	EAN	Thread	Ø	Pitch	Norm	Drill	L	I	I4	I5	QTY	PCB
1050412030050	3221912377692	M	3	0.5	DIN 371	2,50	56	10	4-4.5	2,10	2	1
1050412040070	3221912377746	M	4	0.7	DIN 371	3,30	63	12	4-4.5	2,10	2	1
1050412050080	3221912377753	M	5	0.8	DIN 371	4,20	70	14	4-4.5	4,90	2	1
1050412060100	3221912377760	M	6	1	DIN 371	5,00	80	16	4-4.5	4,90	2	1
1050412080125	3221912377777	M	8	1.25	DIN 371	6,75	90	18	4-4.5	6,20	2	1
1050412100150	3221912377784	M	10	1.5	DIN 371	8,50	100	20	4-4.5	8,00	2	1