

# 960ST51 | Flashcut machine tap HSS-E5 (cobalt 5%) -TiN coated -M MF -DIN 371/376 -C Shape -6H -Rear conicity

High performance tap for steels. Its TiN coating increases the cutting conditions and the tool life.



- Especially for steels and cast irons
- Precise and long-lasting thread tapping
- Superior long life
- Made in Spain
- Rear conicity
- Spiral flute
- 5% cobalt HSS
- TiN coating

## Machine



## Application



## Features



## Properties and benefits

- + Rear conicity: reduced geometry of the threaded section at the end of the flute, designed to reduce cutting effort and the risk of jamming.
  - ➡ Reduces the torque required for tapping, limits the risk of jamming, and increases the ease and precision of your work.
- + Spiral flute : A flute shape that allows chips to be evacuated through the entrance to the hole.
  - ➡ Allows better heat resistance due to better chip evacuation. For blind holes.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness)
  - ➡ For general use in metals up to 1200 N/mm².
- + 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
960ST5100300050	8420609527050	M	3	0,5	DIN 371	2,50	56	5	2-2.5	2,70	1	1
960ST5100400070	8420609527067	M	4	0,7	DIN 371	3,30	63	7	2-2.5	3,40	1	1
960ST5100500080	8420609527074	M	5	0,8	DIN 371	4,20	70	9	2-2.5	4,90	1	1
960ST5100600100	8420609527081	M	6	1	DIN 371	5,00	80	10	2-2.5	4,90	1	1
960ST5100800125	8420609527098	M	8	1,25	DIN 371	6,75	90	12	2-2.5	6,20	1	1
960ST5101000150	8420609527104	M	10	1,5	DIN 371	8,50	100	14	2-2.5	8,00	1	1
960ST5101200175	8420609527111	M	12	1,75	DIN 376	10,25	110	16	2-2.5	7,00	1	1
960ST5101400200	8420609527128	M	14	2	DIN 376	12,00	110	18	2-2.5	9,00	1	1
960ST5101600200	8420609527135	M	16	2	DIN 376	14,00	110	18	2-2.5	9,00	1	1
960ST5100800100	8420609596438	MF	8	1	DIN 371	7,00	90	12	2-2.5	6,20	1	1
960ST5101000100	8420609596445	MF	10	1	DIN 371	9,00	90	14	2-2.5	8,00	1	1
960ST5101200150	8420609596452	MF	12	1,5	DIN 374	10,50	100	14	2-2.5	7,00	1	1
960ST5101400150	8420609596469	MF	14	1,5	DIN 374	12,50	100	18	2-2.5	9,00	1	1