

# 962ST51 | Flashcut machine tap HSS-E5 (cobalt 5%) -TiN coated -UNC UNF -DIN 371/376 -C Shape (GUN) -2B -Rear conicity

High performance tap for steels. TiN coating increases the cutting conditions and the tool life. Profile: UNC UNF.



- Especially for high-strength steels, stainless steels and cast irons
- Spiral flute
- 5% cobalt HSS
- TiN coating

### Machine



### Application



### Features



### Properties and benefits

- + 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/mm<sup>2</sup>.
- + 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
962ST5100140200	8420609615443	UNC 1/4"	20	DIN 371	5,10	80	12	2-2.5	5,50	1	1	
962ST5100380160	8420609615481	UNC 3/8"	16	DIN 371	7,90	90	14	2-2.5	7,00	1	1	
962ST5100120130	8420609615429	UNC 1/2"	13	DIN 376	10,50	110	16	2-2.5	6,20	1	1	
962ST5100340100	8420609615467	UNC 3/4"	10	DIN 376	16,50	125	25	2-2.5	11,00	1	1	
962ST5110000080	8420609615504	UNC 1"	8	DIN 376	22,00	160	30	2-2.5	16,00	1	1	
962ST5100140280	8420609615450	UNF 1/4"	28	DIN 371	5,50	80	10	2-2.5	4,90	1	1	
962ST5100380240	8420609615498	UNF 3/8"	24	DIN 371	8,50	100	14	2-2.5	5,50	1	1	
962ST5100120200	8420609615436	UNF 1/2"	20	DIN 376	11,50	110	16	2-2.5	7,00	1	1	
962ST5100340160	8420609615474	UNF 3/4"	16	DIN 376	17,50	125	18	2-2.5	11,00	1	1	
962ST5110000120	8420609615511	UNF 1"	12	DIN 376	23,25	140	25	2-2.5	16,00	1	1	