

# 1145614 | TBX HSS-E5 (5% cobalt) metal drill bit - BLADE coated - 4 faces PREMIUM (Plastic sleeve)

High-performance drill bit for incredibly fast and intensive drilling of stainless steels, thanks to its geometry and its BLADE coating. Made in France.

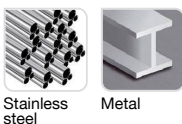


- Especially for stainless steel and high-strength steels
- Incredibly fast drilling
- Maximum long life
- Ultra-precise drilling
- Made in France
- 4-sided grinding
- 35° type N flute
- 5% cobalt HSS
- 135° tip
- BLADE coating

## Machine



## Application



## Features



## Properties and benefits

- + 4-sided grinding: directly derived from the grinding of monobloc carbide drill bits. Flat cutting and undercutting sides with a constant clearance angle. ➡ Very high stability and excellent precision Particularly well-suited for difficult drilling applications (stainless steel...)
- + 35° type N flute: normal flute profile with a 35° helix angle. ➡ Suitable for strong and difficult materials. Enables finer edge sharpness, for reduced cutting effort.
- + 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.
- + 135° tip: 135° tip angle for the sharpening of the drill bit. ➡ Suitable for strong and difficult materials. Enables a shorter and stronger cutting edge, thus prolonging the service life.
- + BLADE coating: TiAlN+TiCN base, thickness 2/4µm, hardness 3300HV, coefficient of friction 0.4, heat resistance 700°C. ➡ Thermal shield. Allows you to significantly increase service life, cutting speed, and progress. Reduces the axial load. Especially for stainless steel.



Code	EAN	Ø	d2/CM	L	I	lu	QTY	PCB
11456140300	3221912004710	3	3	61	33		1	3
11456140320	3221912004727	3.2	3.2	65	36		1	3
11456140350	3221912004734	3.5	3.5	70	39		1	3
11456140400	3221912004741	4	4	75	43		1	3
11456140420	3221912004758	4.2	4.2	75	43		1	3
11456140450	3221912004765	4.5	4.5	80	47		1	3
11456140500	3221912004772	5	5	86	52		1	3
11456140520	3221912004789	5.2	5.2	86	52		1	3
11456140550	3221912004796	5.5	5.5	93	57		1	3
11456140600	3221912004802	6	6	93	57		1	3
11456140650	3221912004819	6.5	6.5	101	63		1	3
11456140700	3221912004826	7	7	109	69		1	1
11456140750	3221912004833	7.5	7.5	109	69		1	1



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11456140800	3221912004840	8	8	117	75	1	1
11456140850	3221912004857	8.5	8.5	117	75	1	1
11456140900	3221912004864	9	9	125	81	1	1
11456140950	3221912004871	9.5	9.5	125	81	1	1
11456141000	3221912004888	10	10	133	87	1	1
11456141050	3221912004895	10.5	10.5	133	87	1	1
11456141100	3221912004901	11	11	142	94	1	1
11456141150	3221912004918	11.5	11.5	142	94	1	1
11456141200	3221912004925	12	12	151	101	1	1
11456141250	3221912004932	12.5	12.5	151	101	1	1
11456141300	3221912004949	13	13	151	101	1	1