

# 1145616 | TBX HSS-E5 (5% cobalt) metal drill bit - BLADE coated - 4 faces PREMIUM (Hanging tube)

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 high-strength steels, stainless steels and cast irons
- Incredibly fast drilling
- Tough
- Versatile use
- 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
11456160300	3221912004567	3	3	61	33		10	1
11456160320	3221912004574	3.2	3.2	65	36		10	1
11456160350	3221912004581	3.5	3.5	70	39		10	1
11456160400	3221912004598	4	4	75	43		10	1
11456160420	3221912004611	4.2	4.2	75	43		10	1
11456160450	3221912004628	4.5	4.5	80	47		10	1
11456160500	3221912004635	5	5	86	52		10	1
11456160550	3221912004659	5.5	5.5	93	57		10	1
11456160600	3221912004666	6	6	93	57		10	1
11456160650	3221912004673	6.5	6.5	101	63		10	1
11456160700	3221912004680	7	7	109	69		10	1
11456160800	3221912004703	8	8	117	75		10	1