

8144031 | Metal drill bit HSS-E5 (cobalt 5%) -TiAlN coated -DIN338 -h8 -4 faces

High-performance drill for fast and intensive drilling of small diameters thanks to its geometry and TiAlN coating. Versatile use. 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
- Cylindrical shank
- 30° type N flute
- 5% cobalt HSS
- TiAlN coating

Machine



Application

K2	K3	N1.1	N1.2	N1.3	N1.4.1	N1.4	N3	P1	P2
K2- Gray Cast iron	K3- Nodular and GS Cast iron	N1-1- Aluminum-Series 1000 Alloy: Pure	N1-2- Aluminum-Series 2000 Alloy: with copper	N1-3- Alloy based on aluminum-series 3000: with manganese	N1-4-1- Aluminum-based alloy-4000 series: Silicon	N1-4- based alloy Aluminum-4000 Series: With Silicon	N3- Copper alloy	P1- Unrealized steels	P2- Weakly allied steels

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...)
- + Cylindrical shank: the diameter of the shank is equal to the diameter of the tip. ➡ Enables versatile use on portable electrical tools and CNC machine tools.
- + 30° type N flute: normal flute profile with a 30° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + 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.
- + TiAlN coating: TiAlN base, thickness 2/4µm, hardness 3000HV, coefficient of friction 0.4, heat resistance 900°C. ➡ Thermal shield. Allows you to increase service life, cutting speed, and progress. Reduces the axial load. Versatile uses.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
81440310080	3221910834777	0.8	0.8	30	10		1	10
81440310090	3221910834784	0.9	0.9	32	11		1	10
81440310100	3221910834807	1	1	34	12		1	10
81440310110	3221910834821	1.1	1.1	36	14		1	10
81440310120	3221910834845	1.2	1.2	38	16		1	10
81440310130	3221910834869	1.3	1.3	36	16		1	10
81440310140	3221910834876	1.4	1.4	40	18		1	10
81440310150	3221910834883	1.5	1.5	40	18		1	10
81440310160	3221910834890	1.6	1.6	43	20		1	10
81440310170	3221910834906	1.7	1.7	43	20		1	10
81440310180	3221910834920	1.8	1.8	46	22		1	10



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81440310190	3221910834937	1.9	1.9	46	22	1	10
81440310200	3221910834944	2	2	49	24	1	10
81440310210	3221910834951	2.1	2.1	49	24	1	10
81440310220	3221910834968	2.2	2.2	53	27	1	10
81440310230	3221910834982	2.3	2.3	53	27	1	10
81440310240	3221910834999	2.4	2.4	57	30	1	10