

8140311 | LAZER HSS-E8 (cobalt 8%) metal drill bit -DIN1897 -h8 -Extra short -Split point

Drilling of nickel/cobalt compounds and titanium. High performance. Made in France



- Especially for refractory alloys
- Especially for Hard steels
- Compact drill bit
- Superior long life
- Made in France

- Automatic centring
- Cylindrical shank
- 28° type N flute
- 8% cobalt HSS
- 135° tip

Machine



Application

N 1.1	N 1.2	N 1.3	N 1.4.1	N 1.4.2	N 1.4	S 1	S 2.1	S 2.3	S 2
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	N1-4-2- Aluminum Alloy-Series 4000: 0,5%	N1-4- based alloy Aluminum-4000 Series: With Silicon	S1- Iron-based alloy	S2-1- Nickel-annealing alloy	S2-3- Nickel-aged alloy	S2- Nickel-based alloy

Features



Properties and benefits

- + Split-point grinding:reduction of the drill tip. ➡ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the required axial load.
- + 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.
- + 28° type N flute : normal flute profile with a 28° helix angle. ➡ Suitable for general use. Provides good rigidity to the tool, as well as excellent drilling precision.
- + 8% cobalt high-speed steel : HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness). ➡ For general use in metals up to 1400 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.



Code	EAN	Ø	d2/CM	L	I	lu	QTY	PCB
81403110200	3221910735753	2	2	38	12		1	10
81403110210	3221910735760	2.1	2.1	38	12		1	10
81403110240	3221910735791	2.4	2.4	43	14		1	10
81403110250	3221910735807	2.5	2.5	43	14		1	10
81403110300	3221910735852	3	3	46	16		1	10
81403110320	3221910735876	3.2	3.2	49	18		1	10
81403110330	3221910735883	3.3	3.3	49	18		1	10
81403110350	3221910735906	3.5	3.5	52	20		1	10
81403110400	3221910735951	4	4	55	22		1	10
81403110410	3221910735968	4.1	4.1	55	22		1	10
81403110420	3221910735975	4.2	4.2	55	22		1	10

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81403110450	3221910736002	4.5	4.5	58	24	1	10
81403110480	3221910736033	4.8	4.8	62	26	1	10
81403110500	3221910736057	5	5	62	26	1	10
81403110550	3221910736101	5.5	5.5	66	28	1	10
81403110600	3221910736156	6	6	66	28	1	10
81403110650	3221910736200	6.5	6.5	70	31	1	10
81403110700	3221910736255	7	7	74	34	1	10
81403110800	3221910736293	8	8	79	37	1	10
81403110950	3221910736347	9.5	9.5	84	40	1	5
81403111000	3221910736354	10	10	89	43	1	5
81403111450	3221910736446	14.5	14.5	111	56	1	5