

**1140281 | HSS-E5 (cobalt 5%) metal drill bit -GOLD coated
-DIN1897 -h8 -Extra short -Split point**

High performance drill for steels and stainless steels.



- Especially for stainless steel and high-strength steels
- Tough
- Rapid drilling
- Versatile use

- Automatic centring
- Cylindrical shank
- 30° type N flute
- 5% cobalt HSS
- 135° tip

Machine



Application

M 1	P 1	P 2	P 3
M1- austenitic stainless steels	P1- Unrealized steels	P2- Weakly allied steels	P3- strong alloy steels

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.
- + 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.
- + 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	l	lu	QTY	PCB
11402810100	3221912345523	1	1	26	6		1	10
11402810150	3221912345530	1.5	1.5	32	9		1	10
11402810200	3221912002983	2	2	38	12		1	10
11402810250	3221912002990	2.5	2.5	43	14		1	10
11402810300	3221912003010	3	3	46	16		1	10
11402810310	3221912347657	3.1	3.1	46	16		1	10
11402810320	3221912003027	3.2	3.2	49	18		1	10
11402810330	3221912003041	3.3	3.3	49	18		1	10
11402810350	3221912003058	3.5	3.5	52	20		1	10
11402810380	3221912345547	3.8	3.8	52	20		1	10
11402810400	3221912003072	4	4	55	22		1	10
11402810410	3221912003089	4.1	4.1	55	22		1	10
11402810420	3221912003096	4.2	4.2	55	22		1	10

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11402810450	3221912003119	4.5	4.5	58	24	1	10
11402810490	3221912003126	4.9	4.9	62	26	1	10
11402810500	3221912003133	5	5	62	26	1	10
11402810510	3221912017376	5.1	5.1	62	26	1	10
11402810550	3221912003157	5.5	5.5	66	28	1	10
11402810590	3221912345554	5.9	5.9	66	28	1	10
11402810600	3221912003164	6	6	66	28	1	10
11402810650	3221912003171	6.5	6.5	70	31	1	10
11402810680	3221912003188	6.8	6.8	74	34	1	10
11402810700	3221912003195	7	7	74	34	1	10
11402810750	3221912003201	7.5	7.5	74	34	1	10
11402810800	3221912003218	8	8	79	37	1	10
11402810850	3221912003225	8.5	8.5	79	37	1	5
11402810900	3221912003232	9	9	84	40	1	5
11402810950	3221912003249	9.5	9.5	84	40	1	5
11402811000	3221912003256	10	10	89	43	1	5