

**8140441 | PHOENIX metal drill bit HSS-E5 (cobalt 5%)
-DIN340 -h8 -7xd -Long series -Type S**

High performance drill (7xØ) for versatile and deep drilling thanks to its S flute geometry and substrate. Made in France.



- Especially for steels and aluminiums
- Deep drilling
- Superior long life
- Ultra-precise drilling
- Made in France

- 1/3 2/3 grinding
- Cylindrical shank
- Type S flute
- 5% cobalt HSS

Machine



Application

K 3	N 1.4.1	P 1	P 2	P 3
K3- Nodular and GS Cast iron	N1-4-1- Aluminum-based alloy-4000 series: Silicon	P1- Unrealized steels	P2- Weakly allied steels	P3- strong alloy steels

Features



Properties and benefits

- + 1/3 2/3 grinding: with tapering and indicator. ➡ Reduces cutting effort while maintaining good tip strength.
- + 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.
- + Type S flute: deep flute ➡ Suitable for deep drilling and for materials with chips that are difficult to extract.
- + 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.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
81404410200	3221910745783	2	2	85	56		1	10
81404410250	3221910745837	2.5	2.5	95	62		1	10
81404410280	3221910745868	2.8	2.8	100	66		1	10
81404410300	3221910745882	3	3	100	66		1	10
81404410320	3221910745905	3.2	3.2	106	69		1	10
81404410330	3221910745929	3.3	3.3	106	69		1	10
81404410350	3221910745943	3.5	3.5	112	73		1	10
81404410360	3221910745950	3.6	3.6	112	73		1	10
81404410380	3221910745981	3.8	3.8	119	78		1	10
81404410400	3221910746001	4	4	119	78		1	10
81404410410	3221910746018	4.1	4.1	119	78		1	10
81404410420	3221910746025	4.2	4.2	119	78		1	10
81404410430	3221910746049	4.3	4.3	126	82		1	10
81404410450	3221910746063	4.5	4.5	126	82		1	10
81404410480	3221910746094	4.8	4.8	132	87		1	10
81404410500	3221910746117	5	5	132	87		1	10

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81404410520	3221910746131	5.2	5.2	132	87	1	10
81404410550	3221910746179	5.5	5.5	139	91	1	10
81404410580	3221910746216	5.8	5.8	139	91	1	10
81404410600	3221910746230	6	6	139	91	1	10
81404410620	3221910746254	6.2	6.2	148	97	1	10
81404410640	3221910746285	6.4	6.4	148	97	1	10
81404410650	3221910746292	6.5	6.5	148	97	1	10
81404410680	3221910746339	6.8	6.8	156	102	1	10
81404410700	3221910746353	7	7	156	102	1	10
81404410720	3221910746377	7.2	7.2	156	102	1	10
81404410750	3221910746407	7.5	7.5	156	102	1	10
81404410780	3221910746445	7.8	7.8	165	109	1	10
81404410800	3221910746469	8	8	165	109	1	10
81404410820	3221910746483	8.2	8.2	165	109	1	5
81404410850	3221910746513	8.5	8.5	165	109	1	5
81404410880	3221910746544	8.8	8.8	175	115	1	5
81404410900	3221910746568	9	9	175	115	1	5
81404410920	3221910746582	9.2	9.2	175	115	1	5
81404410950	3221910746599	9.5	9.5	175	115	1	5
81404410980	3221910746629	9.8	9.8	184	121	1	5
81404411000	3221910746643	10	10	184	121	1	5
81404411050	3221910746667	10.5	10.5	184	121	1	5
81404411100	3221910746698	11	11	195	128	1	5
81404411120	3221910746704	11.2	11.2	195	128	1	1
81404411150	3221910746711	11.5	11.5	195	128	1	1
81404411200	3221910746735	12	12	205	134	1	1
81404411250	3221910746766	12.5	12.5	205	134	1	1
81404411300	3221910746797	13	13	205	134	1	1