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.





- **Versatile use**
- **Deep and through-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



K3- Nodular and GS Cast iron

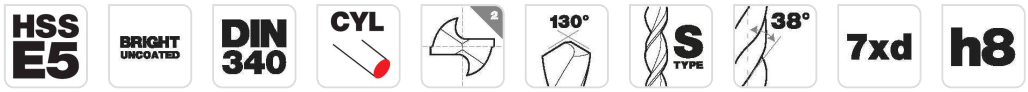
N1-4-1- Aluminum-based alloy-4000 series: Silicon

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
81404410210	3221910745790	2.1	2.1	85	56		1	10
81404410220	3221910745806	2.2	2.2	90	59		1	10
81404410230	3221910745813	2.3	2.3	90	59		1	10
81404410240	3221910745820	2.4	2.4	95	62		1	10
81404410250	3221910745837	2.5	2.5	95	62		1	10
81404410260	3221910745844	2.6	2.6	95	62		1	10
81404410270	3221910745851	2.7	2.7	100	66		1	10
81404410280	3221910745868	2.8	2.8	100	66		1	10
81404410290	3221910745875	2.9	2.9	100	66		1	10
81404410300	3221910745882	3	3	100	66		1	10
81404410310	3221910745899	3.1	3.1	106	69		1	10
81404410320	3221910745905	3.2	3.2	106	69		1	10
81404410325	3221910745912	3.25	3.25	106	69		1	10
81404410330	3221910745929	3.3	3.3	106	69		1	10
81404410340	3221910745936	3.4	3.4	112	73		1	10

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81404410350	3221910745943	3.5	3.5	112	73	1	10
81404410360	3221910745950	3.6	3.6	112	73	1	10
81404410370	3221910745967	3.7	3.7	112	73	1	10
81404410375	3221910745974	3.75	3.75	112	73	1	10
81404410380	3221910745981	3.8	3.8	119	78	1	10
81404410390	3221910745998	3.9	3.9	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
81404410425	3221910746032	4.25	4.25	119	78	1	10
81404410430	3221910746049	4.3	4.3	126	82	1	10
81404410440	3221910746056	4.4	4.4	126	82	1	10
81404410450	3221910746063	4.5	4.5	126	82	1	10
81404410460	3221910746070	4.6	4.6	126	82	1	10
81404410470	3221910746087	4.7	4.7	126	82	1	10
81404410480	3221910746094	4.8	4.8	132	87	1	10
81404410490	3221910746100	4.9	4.9	132	87	1	10
81404410500	3221910746117	5	5	132	87	1	10
81404410510	3221910746124	5.1	5.1	132	87	1	10
81404410520	3221910746131	5.2	5.2	132	87	1	10
81404410525	3221910746148	5.25	5.25	132	87	1	10
81404410530	3221910746155	5.3	5.3	132	87	1	10
81404410540	3221910746162	5.4	5.4	139	91	1	10
81404410550	3221910746179	5.5	5.5	139	91	1	10
81404410560	3221910746186	5.6	5.6	139	91	1	10
81404410570	3221910746193	5.7	5.7	139	91	1	10
81404410575	3221910746209	5.75	5.75	139	91	1	10
81404410580	3221910746216	5.8	5.8	139	91	1	10
81404410590	3221910746223	5.9	5.9	139	91	1	10
81404410600	3221910746230	6	6	139	91	1	10
81404410610	3221910746247	6.1	6.1	148	97	1	10
81404410620	3221910746254	6.2	6.2	148	97	1	10
81404410625	3221910746261	6.25	6.25	148	97	1	10
81404410630	3221910746278	6.3	6.3	148	97	1	10
81404410640	3221910746285	6.4	6.4	148	97	1	10
81404410650	3221910746292	6.5	6.5	148	97	1	10
81404410660	3221910746308	6.6	6.6	148	97	1	10
81404410670	3221910746315	6.7	6.7	148	97	1	10
81404410675	3221910746322	6.75	6.75	156	102	1	10
81404410680	3221910746339	6.8	6.8	156	102	1	10
81404410690	3221910746346	6.9	6.9	156	102	1	10
81404410700	3221910746353	7	7	156	102	1	10
81404410710	3221910746360	7.1	7.1	156	102	1	10
81404410720	3221910746377	7.2	7.2	156	102	1	10
81404410730	3221910746384	7.3	7.3	156	102	1	10
81404410740	3221910746391	7.4	7.4	156	102	1	10
81404410750	3221910746407	7.5	7.5	156	102	1	10
81404410760	3221910746414	7.6	7.6	165	109	1	10
81404410770	3221910746421	7.7	7.7	165	109	1	10
81404410775	3221910746438	7.75	7.75	165	109	1	10
81404410780	3221910746445	7.8	7.8	165	109	1	10
81404410790	3221910746452	7.9	7.9	165	109	1	10
81404410800	3221910746469	8	8	165	109	1	10
81404410810	3221910746476	8.1	8.1	165	109	1	5
81404410820	3221910746483	8.2	8.2	165	109	1	5
81404410830	3221910746490	8.3	8.3	165	109	1	5
81404410840	3221910746506	8.4	8.4	165	109	1	5
81404410850	3221910746513	8.5	8.5	165	109	1	5
81404410860	3221910746520	8.6	8.6	175	115	1	5
81404410870	3221910746537	8.7	8.7	175	115	1	5
81404410880	3221910746544	8.8	8.8	175	115	1	5
81404410890	3221910746551	8.9	8.9	175	115	1	5
81404410900	3221910746568	9	9	175	115	1	5
81404410910	3221910746575	9.1	9.1	175	115	1	5
81404410920	3221910746582	9.2	9.2	175	115	1	5

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81404410930	3221910878917	9.3	9.3	175	115	1	5
81404410940	3221910814519	9.4	9.4	175	115	1	5
81404410950	3221910746599	9.5	9.5	175	115	1	5
81404410960	3221910746605	9.6	9.6	184	121	1	5
81404410970	3221910746612	9.7	9.7	184	121	1	5
81404410980	3221910746629	9.8	9.8	184	121	1	5
81404410990	3221910746636	9.9	9.9	184	121	1	5
81404411000	3221910746643	10	10	184	121	1	5
81404411025	3221910746650	10.25	10.25	184	121	1	5
81404411050	3221910746667	10.5	10.5	184	121	1	5
81404411075	3221910746674	10.75	10.75	195	128	1	5
81404411080	3221910746681	10.8	10.8	195	128	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
81404411180	3221910746728	11.8	11.8	195	128	1	1
81404411200	3221910746735	12	12	205	134	1	1
81404411220	3221910746742	12.2	12.2	205	134	1	1
81404411225	3221910746759	12.25	12.25	205	134	1	1
81404411250	3221910746766	12.5	12.5	205	134	1	1
81404411275	3221910746773	12.75	12.75	205	134	1	1
81404411280	3221910746780	12.8	12.8	205	134	1	1
81404411300	3221910746797	13	13	205	134	1	1