

High performance drill for versatile drilling and deep holes. Made in France.



- Especially for high-strength steels, stainless steels and cast irons
- Superior long life
- Ultra-precise drilling
- Made in France
  
- 1/3 2/3 grinding
- Cylindrical shank
- Type S flute
- 5% cobalt HSS

**Machine**



**Application**

<b>K</b> 3	<b>N</b> 1.4.1	<b>P</b> 1	<b>P</b> 2	<b>P</b> 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/mm<sup>2</sup>.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
81401210250	3221910722708	2.5	2.5	57	30		1	10
81401210260	3221910722715	2.6	2.6	57	30		1	10
81401210270	3221910722722	2.7	2.7	61	33		1	10
81401210280	3221910722739	2.8	2.8	61	33		1	10
81401210290	3221910722746	2.9	2.9	61	33		1	10
81401210300	3221910722753	3	3	61	33		1	10
81401210310	3221910722760	3.1	3.1	65	36		1	10
81401210320	3221910722777	3.2	3.2	65	36		1	10
81401210330	3221910722791	3.3	3.3	65	36		1	10
81401210340	3221910722807	3.4	3.4	70	39		1	10
81401210350	3221910722814	3.5	3.5	70	39		1	10
81401210360	3221910722821	3.6	3.6	70	39		1	10
81401210370	3221910722838	3.7	3.7	70	39		1	10
81401210380	3221910722845	3.8	3.8	75	43		1	10
81401210390	3221910722852	3.9	3.9	75	43		1	10
81401210400	3221910722869	4	4	75	43		1	10
81401210410	3221910722876	4.1	4.1	75	43		1	10

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81401210420	3221910722883	4.2	4.2	75	43	1	10
81401210430	3221910722906	4.3	4.3	80	47	1	10
81401210440	3221910722913	4.4	4.4	80	47	1	10
81401210450	3221910722920	4.5	4.5	80	47	1	10
81401210460	3221910722937	4.6	4.6	80	47	1	10
81401210470	3221910722944	4.7	4.7	80	47	1	10
81401210480	3221910722968	4.8	4.8	86	52	1	10
81401210490	3221910722975	4.9	4.9	86	52	1	10
81401210500	3221910722982	5	5	86	52	1	10
81401210510	3221910722999	5.1	5.1	86	52	1	10
81401210520	3221910723002	5.2	5.2	86	52	1	10
81401210530	3221910723026	5.3	5.3	86	52	1	10
81401210540	3221910723033	5.4	5.4	93	57	1	10
81401210550	3221910723040	5.5	5.5	93	57	1	10
81401210560	3221910723057	5.6	5.6	93	57	1	10
81401210570	3221910723064	5.7	5.7	93	57	1	10
81401210580	3221910723088	5.8	5.8	93	57	1	10
81401210590	3221910723095	5.9	5.9	93	57	1	10
81401210600	3221910723101	6	6	93	57	1	10
81401210610	3221910723118	6.1	6.1	101	63	1	10
81401210620	3221910723125	6.2	6.2	101	63	1	10
81401210630	3221910723149	6.3	6.3	101	63	1	10
81401210640	3221910723156	6.4	6.4	101	63	1	10
81401210650	3221910723163	6.5	6.5	101	63	1	10
81401210660	3221910723170	6.6	6.6	101	63	1	10
81401210670	3221910723187	6.7	6.7	101	63	1	10
81401210680	3221910723200	6.8	6.8	109	69	1	10
81401210690	3221910723217	6.9	6.9	109	69	1	10
81401210700	3221910723224	7	7	109	69	1	10
81401210710	3221910723231	7.1	7.1	109	69	1	10
81401210720	3221910723248	7.2	7.2	109	69	1	10
81401210730	3221910723262	7.3	7.3	109	69	1	10
81401210740	3221910723279	7.4	7.4	109	69	1	10
81401210750	3221910723286	7.5	7.5	109	69	1	10
81401210760	3221910723293	7.6	7.6	117	75	1	10
81401210770	3221910723309	7.7	7.7	117	75	1	10
81401210780	3221910723323	7.8	7.8	117	75	1	10
81401210790	3221910723330	7.9	7.9	117	75	1	10
81401210800	3221910723347	8	8	117	75	1	10
81401210810	3221910723354	8.1	8.1	117	75	1	5
81401210820	3221910723361	8.2	8.2	117	75	1	5
81401210830	3221910723385	8.3	8.3	117	75	1	5
81401210840	3221910723392	8.4	8.4	117	75	1	5
81401210850	3221910723408	8.5	8.5	117	75	1	5
81401210860	3221910723415	8.6	8.6	125	81	1	5
81401210870	3221910723422	8.7	8.7	125	81	1	5
81401210880	3221910723446	8.8	8.8	125	81	1	5
81401210890	3221910723453	8.9	8.9	125	81	1	5
81401210900	3221910723460	9	9	125	81	1	5
81401210910	3221910723477	9.1	9.1	125	81	1	5
81401210920	3221910723484	9.2	9.2	125	81	1	5
81401210930	3221910723491	9.3	9.3	125	81	1	5
81401210940	3221910723507	9.4	9.4	125	81	1	5
81401210950	3221910723514	9.5	9.5	125	81	1	5
81401210960	3221910723521	9.6	9.6	133	87	1	5
81401210970	3221910723538	9.7	9.7	133	87	1	5
81401210980	3221910723545	9.8	9.8	133	87	1	5
81401210990	3221910723552	9.9	9.9	133	87	1	5
81401211000	3221910723569	10	10	133	87	1	5
81401211020	3221910723576	10.2	10.2	133	87	1	5
81401211050	3221910723590	10.5	10.5	133	87	1	5
81401211080	3221910723613	10.8	10.8	142	94	1	5
81401211100	3221910723620	11	11	142	94	1	5
81401211150	3221910723644	11.5	11.5	142	94	1	5
81401211200	3221910723668	12	12	151	101	1	5



**8140121 | PHOENIX metal drill bit HSS-E5 (cobalt 5%)  
-DIN338 -h8 -Type S**

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81401211250	3221910723682	12.5	12.5	151	101	1	5
81401211300	3221910723705	13	13	151	101	1	5