

# 1140331 | Fully ground HSS metal drill bit -STEAM treatment -DIN340 -h8 -7xd -Long series -Conventional point

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



- Especially for high-strength steels and cast irons
- Deep drilling
- Precise drilling
- Made in France
  
- Conventional point
- Cylindrical shank
- 30° type N flute
- High-speed steel
- 118° tip

### Machine



### Application

<b>K</b> 2	<b>K</b> 3	<b>M</b> 1	<b>P</b> 1	<b>P</b> 2
K2- Gray Cast iron	K3- Nodular and GS Cast iron	M1- austenitic stainless steels	P1- Unrealized steels	P2- Weakly allied steels

### Features



### Properties and benefits

- + Conventional grinding: with a standard point sharpening ➡ Simple and robust, for versatile use. Enables good hole precision and wear resistance.
- + 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.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + 118° tip: 118° tip angle for the sharpening of the drill bit. ➡ Suitable for general use in materials with long shavings. Enables the rapid attach of the material and simple centring.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11403310100	3221910158002	1	1	56	33		1	10
11403310110	3221910158026	1.1	1.1	60	37		1	10
11403310120	3221910158040	1.2	1.2	65	41		1	10
11403310130	3221910158064	1.3	1.3	65	41		1	10
11403310140	3221910158088	1.4	1.4	70	45		1	10
11403310150	3221910158101	1.5	1.5	70	45		1	10
11403310160	3221910158132	1.6	1.6	76	50		1	10
11403310180	3221910158170	1.8	1.8	80	53		1	10
11403310200	3221910158224	2	2	85	56		1	10
11403310210	3221910158248	2.1	2.1	85	56		1	10
11403310220	3221910158262	2.2	2.2	90	59		1	10
11403310230	3221910158286	2.3	2.3	90	59		1	10
11403310240	3221910158316	2.4	2.4	95	62		1	10
11403310250	3221910158330	2.5	2.5	95	62		1	10

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11403310270	3221910158378	2.7	2.7	100	66	1	10
11403310280	3221910158408	2.8	2.8	100	66	1	10
11403310300	3221910158446	3	3	100	66	1	10
11403310310	3221910158460	3.1	3.1	106	69	1	10
11403310320	3221910158491	3.2	3.2	106	69	1	10
11403310330	3221910158514	3.3	3.3	106	69	1	10
11403310340	3221910158538	3.4	3.4	112	73	1	10
11403310350	3221910158552	3.5	3.5	112	73	1	10
11403310360	3221910158583	3.6	3.6	112	73	1	10
11403310370	3221910158606	3.7	3.7	112	73	1	10
11403310380	3221910158620	3.8	3.8	119	78	1	10
11403310390	3221910158644	3.9	3.9	119	78	1	10
11403310400	3221910158675	4	4	119	78	1	10
11403310410	3221910158682	4.1	4.1	119	78	1	10
11403310420	3221910158699	4.2	4.2	119	78	1	10
11403310430	3221910158712	4.3	4.3	126	82	1	10
11403310450	3221910158743	4.5	4.5	126	82	1	10
11403310460	3221910158750	4.6	4.6	126	82	1	10
11403310470	3221910158767	4.7	4.7	126	82	1	10
11403310480	3221910158798	4.8	4.8	132	87	1	10
11403310490	3221910158804	4.9	4.9	132	87	1	10
11403310500	3221910158811	5	5	132	87	1	10
11403310510	3221910158828	5.1	5.1	132	87	1	10
11403310520	3221910158842	5.2	5.2	132	87	1	10
11403310530	3221910158866	5.3	5.3	132	87	1	10
11403310540	3221910158873	5.4	5.4	139	91	1	10
11403310550	3221910158880	5.5	5.5	139	91	1	10
11403310560	3221910158910	5.6	5.6	139	91	1	10
11403310570	3221910158927	5.7	5.7	139	91	1	10
11403310575	3221910158934	5.75	5.75	139	91	1	10
11403310580	3221910158941	5.8	5.8	139	91	1	10
11403310590	3221910158958	5.9	5.9	139	91	1	10
11403310600	3221910158972	6	6	139	91	1	10
11403310610	3221910158989	6.1	6.1	148	97	1	10
11403310620	3221910158996	6.2	6.2	148	97	1	10
11403310630	3221910159016	6.3	6.3	148	97	1	10
11403310640	3221910159030	6.4	6.4	148	97	1	10
11403310650	3221910159047	6.5	6.5	148	97	1	10
11403310670	3221910159061	6.7	6.7	148	97	1	10
11403310680	3221910159085	6.8	6.8	156	102	1	10
11403310700	3221910159108	7	7	156	102	1	10
11403310720	3221910159139	7.2	7.2	156	102	1	10
11403310750	3221910159177	7.5	7.5	156	102	1	10
11403310780	3221910159221	7.8	7.8	165	109	1	10
11403310800	3221910159252	8	8	165	109	1	10
11403310820	3221910159276	8.2	8.2	165	109	1	5
11403310850	3221910159320	8.5	8.5	165	109	1	5
11403310900	3221910159399	9	9	175	115	1	5
11403310950	3221910159467	9.5	9.5	175	115	1	5
11403311000	3221910159542	10	10	184	121	1	5
11403311020	3221910159566	10.2	10.2	184	121	1	5
11403311050	3221910159603	10.5	10.5	184	121	1	5
11403311100	3221910159641	11	11	195	128	1	5
11403311150	3221910159689	11.5	11.5	195	128	1	1
11403311200	3221910159740	12	12	205	134	1	1
11403311250	3221910159788	12.5	12.5	205	134	1	1
11403311300	3221910159825	13	13	205	134	1	1