

**1140011 | Fully ground HSS metal drill bit -STEAM treatment -DIN338 -h8 -3xd -Conventional point**

High performance drill (3xØ) for drilling of resistant metals and cast iron. STEAM treatment avoids cold sticking and reduces the friction coefficient. Made in France



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

**Machine**



**Application**



**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
11400110020	3221910061678	0.2	0.2	19	2.5	1	10	
11400110025	3221910061685	0.25	0.25	19	3	1	10	
11400110030	3221910061692	0.3	0.3	19	3	1	10	
11400110035	3221910061708	0.35	0.35	19	4	1	10	
11400110040	3221910061722	0.4	0.4	20	5	1	10	
11400110045	3221910061739	0.45	0.45	20	5	1	10	
11400110050	3221910061746	0.5	0.5	22	6	1	10	
11400110055	3221910061753	0.55	0.55	24	7	1	10	
11400110060	3221910061760	0.6	0.6	24	7	1	10	
11400110065	3221910061777	0.65	0.65	26	8	1	10	
11400110070	3221910061784	0.7	0.7	28	9	1	10	
11400110075	3221910061791	0.75	0.75	28	9	1	10	
11400110080	3221910061814	0.8	0.8	30	10	1	10	

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11400110085	3221910061821	0.85	0.85	30	10	1	10
11400110090	3221910061838	0.9	0.9	32	11	1	10
11400110095	3221910061845	0.95	0.95	32	11	1	10
11400110100	3221910061852	1	1	34	12	1	10
11400110105	3221910061869	1.05	1.05	34	12	1	10
11400110110	3221910061876	1.1	1.1	36	14	1	10
11400110115	3221910061883	1.15	1.15	36	14	1	10
11400110120	3221910061906	1.2	1.2	38	16	1	10
11400110125	3221910061913	1.25	1.25	38	16	1	10
11400110130	3221910061920	1.3	1.3	38	16	1	10
11400110135	3221910061937	1.35	1.35	40	18	1	10
11400110140	3221910061944	1.4	1.4	40	18	1	10
11400110150	3221910061968	1.5	1.5	40	18	1	10
11400110155	3221910061975	1.55	1.55	43	20	1	10
11400110160	3221910061999	1.6	1.6	43	20	1	10
11400110165	3221910062019	1.65	1.65	43	20	1	10
11400110170	3221910062026	1.7	1.7	43	20	1	10
11400110175	3221910062033	1.75	1.75	46	22	1	10
11400110180	3221910062040	1.8	1.8	46	22	1	10
11400110185	3221910062057	1.85	1.85	46	22	1	10
11400110190	3221910062064	1.9	1.9	46	22	1	10
11400110195	3221910062088	1.95	1.95	49	24	1	10
11400110200	3221910062101	2	2	49	24	1	10
11400110205	3221910062118	2.05	2.05	49	24	1	10
11400110210	3221910062125	2.1	2.1	49	24	1	10
11400110215	3221910062132	2.15	2.15	53	27	1	10
11400110220	3221910062149	2.2	2.2	53	27	1	10
11400110225	3221910062156	2.25	2.25	53	27	1	10
11400110230	3221910062163	2.3	2.3	53	27	1	10
11400110235	3221910062170	2.35	2.35	53	27	1	10
11400110240	3221910062194	2.4	2.4	57	30	1	10
11400110245	3221910062200	2.45	2.45	57	30	1	10
11400110250	3221910062217	2.5	2.5	57	30	1	10
11400110255	3221910062224	2.55	2.55	57	30	1	10
11400110260	3221910062231	2.6	2.6	57	30	1	10
11400110265	3221910062248	2.65	2.65	57	30	1	10
11400110270	3221910062255	2.7	2.7	61	33	1	10
11400110275	3221910062262	2.75	2.75	61	33	1	10
11400110280	3221910062286	2.8	2.8	61	33	1	10
11400110290	3221910062309	2.9	2.9	61	33	1	10
11400110300	3221910062323	3	3	61	33	1	10
11400110310	3221910062347	3.1	3.1	65	36	1	10
11400110320	3221910062378	3.2	3.2	65	36	1	10
11400110325	3221910062385	3.25	3.25	65	36	1	10
11400110330	3221910062392	3.3	3.3	65	36	1	10
11400110335	3221910062408	3.35	3.35	65	36	1	10
11400110340	3221910062415	3.4	3.4	70	39	1	10
11400110350	3221910062439	3.5	3.5	70	39	1	10
11400110355	3221910062446	3.55	3.55	70	39	1	10
11400110360	3221910062460	3.6	3.6	70	39	1	10
11400110370	3221910062484	3.7	3.7	70	39	1	10
11400110375	3221910062491	3.75	3.75	70	39	1	10
11400110380	3221910062507	3.8	3.8	75	43	1	10
11400110390	3221910062521	3.9	3.9	75	43	1	10
11400110400	3221910062552	4	4	75	43	1	10
11400110405	3221910062569	4.05	4.05	75	43	1	10
11400110410	3221910062576	4.1	4.1	75	43	1	10
11400110420	3221910062590	4.2	4.2	75	43	1	10
11400110425	3221910062606	4.25	4.25	75	43	1	10
11400110430	3221910062613	4.3	4.3	80	47	1	10
11400110435	3221910062620	4.35	4.35	80	47	1	10
11400110440	3221910062644	4.4	4.4	80	47	1	10
11400110450	3221910062668	4.5	4.5	80	47	1	10
11400110460	3221910062682	4.6	4.6	80	47	1	10
11400110465	3221910062699	4.65	4.65	80	47	1	10

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11400110470	3221910062705	4.7	4.7	80	47	1	10
11400110475	3221910062712	4.75	4.75	80	47	1	10
11400110480	3221910062736	4.8	4.8	86	52	1	10
11400110490	3221910062750	4.9	4.9	86	52	1	10
11400110500	3221910062774	5	5	86	52	1	10
11400110510	3221910062798	5.1	5.1	86	52	1	10
11400110520	3221910062811	5.2	5.2	86	52	1	10
11400110525	3221910062828	5.25	5.25	86	52	1	10
11400110530	3221910062835	5.3	5.3	86	52	1	10
11400110540	3221910062859	5.4	5.4	93	57	1	10
11400110545	3221910062866	5.45	5.45	93	57	1	10
11400110550	3221910062873	5.5	5.5	93	57	1	10
11400110560	3221910062897	5.6	5.6	93	57	1	10
11400110570	3221910062910	5.7	5.7	93	57	1	10
11400110575	3221910062927	5.75	5.75	93	57	1	10
11400110580	3221910062934	5.8	5.8	93	57	1	10
11400110590	3221910062958	5.9	5.9	93	57	1	10
11400110600	3221910062972	6	6	93	57	1	10
11400110610	3221910062996	6.1	6.1	101	63	1	10
11400110620	3221910063016	6.2	6.2	101	63	1	10
11400110625	3221910063023	6.25	6.25	101	63	1	10
11400110630	3221910063030	6.3	6.3	101	63	1	10
11400110635	3221910876890	6.35	6.35	101	63	1	10
11400110640	3221910063054	6.4	6.4	101	63	1	10
11400110650	3221910063078	6.5	6.5	101	63	1	10
11400110660	3221910063092	6.6	6.6	101	63	1	10
11400110670	3221910063115	6.7	6.7	101	63	1	10
11400110675	3221910063122	6.75	6.75	109	69	1	10
11400110680	3221910063139	6.8	6.8	109	69	1	10
11400110690	3221910063153	6.9	6.9	109	69	1	10
11400110700	3221910063177	7	7	109	69	1	10
11400110710	3221910063191	7.1	7.1	109	69	1	10
11400110720	3221910063221	7.2	7.2	109	69	1	10
11400110725	3221910063238	7.25	7.25	109	69	1	10
11400110730	3221910063245	7.3	7.3	109	69	1	10
11400110740	3221910063269	7.4	7.4	109	69	1	10
11400110750	3221910063283	7.5	7.5	109	69	1	10
11400110760	3221910063313	7.6	7.6	117	75	1	10
11400110770	3221910063337	7.7	7.7	117	75	1	10
11400110775	3221910063344	7.75	7.75	117	75	1	10
11400110780	3221910063351	7.8	7.8	117	75	1	10
11400110790	3221910063375	7.9	7.9	117	75	1	10
11400110800	3221910063405	8	8	117	75	1	10
11400110810	3221910063429	8.1	8.1	117	75	1	5
11400110820	3221910063443	8.2	8.2	117	75	1	5
11400110825	3221910063450	8.25	8.25	117	75	1	5
11400110830	3221910063467	8.3	8.3	117	75	1	5
11400110840	3221910063498	8.4	8.4	117	75	1	5
11400110850	3221910063511	8.5	8.5	117	75	1	5
11400110860	3221910063535	8.6	8.6	125	81	1	5
11400110870	3221910063559	8.7	8.7	125	81	1	5
11400110875	3221910063573	8.75	8.75	125	81	1	5
11400110880	3221910063580	8.8	8.8	125	81	1	5
11400110890	3221910063603	8.9	8.9	125	81	1	5
11400110900	3221910063627	9	9	125	81	1	5
11400110910	3221910063641	9.1	9.1	125	81	1	5
11400110920	3221910063672	9.2	9.2	125	81	1	5
11400110925	3221910063689	9.25	9.25	125	81	1	5
11400110930	3221910063696	9.3	9.3	125	81	1	5
11400110940	3221910063719	9.4	9.4	125	81	1	5
11400110950	3221910063733	9.5	9.5	125	81	1	5
11400110960	3221910063764	9.6	9.6	133	87	1	5
11400110970	3221910063788	9.7	9.7	133	87	1	5
11400110975	3221910063795	9.75	9.75	133	87	1	5
11400110980	3221910063801	9.8	9.8	133	87	1	5

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11400110990	3221910063825	9.9	9.9	133	87	1	5
11400111000	3221910063856	10	10	133	87	1	5
11400111010	3221910063863	10.1	10.1	133	87	1	5
11400111020	3221910063870	10.2	10.2	133	87	1	5
11400111025	3221910063887	10.25	10.25	133	87	1	5
11400111030	3221910063894	10.3	10.3	133	87	1	5
11400111040	3221910063917	10.4	10.4	133	87	1	5
11400111050	3221910063924	10.5	10.5	133	87	1	5
11400111060	3221910063931	10.6	10.6	133	87	1	5
11400111070	3221910063948	10.7	10.7	142	94	1	5
11400111075	3221910063962	10.75	10.75	142	94	1	5
11400111080	3221910063979	10.8	10.8	142	94	1	5
11400111090	3221910063993	10.9	10.9	142	94	1	5
11400111100	3221910064006	11	11	142	94	1	5
11400111110	3221910064013	11.1	11.1	142	94	1	5
11400111120	3221910064037	11.2	11.2	142	94	1	5
11400111130	3221910064051	11.3	11.3	142	94	1	5
11400111140	3221910064068	11.4	11.4	142	94	1	5
11400111150	3221910064075	11.5	11.5	142	94	1	5
11400111160	3221910064099	11.6	11.6	142	94	1	5
11400111170	3221910064105	11.7	11.7	142	94	1	5
11400111180	3221910064129	11.8	11.8	142	94	1	5
11400111190	3221910064136	11.9	11.9	151	101	1	5
11400111200	3221910064150	12	12	151	101	1	5
11400111210	3221910064167	12.1	12.1	151	101	1	5
11400111220	3221910064174	12.2	12.2	151	101	1	5
11400111230	3221910064198	12.3	12.3	151	101	1	5
11400111240	3221910064204	12.4	12.4	151	101	1	5
11400111250	3221910064211	12.5	12.5	151	101	1	5
11400111260	3221910064228	12.6	12.6	151	101	1	5
11400111270	3221910064235	12.7	12.7	151	101	1	5
11400111280	3221910064259	12.8	12.8	151	101	1	5
11400111290	3221910064273	12.9	12.9	151	101	1	5
11400111300	3221910064280	13	13	151	101	1	5
11400111350	3221910064358	13.5	13.5	160	108	1	5
11400111400	3221910064426	14	14	160	108	1	5
11400111450	3221910064495	14.5	14.5	169	114	1	5
11400111500	3221910064570	15	15	169	114	1	5
11400111550	3221910064655	15.5	15.5	178	120	1	1
11400111600	3221910064723	16	16	178	120	1	1
11400111650	3221910064785	16.5	16.5	184	125	1	1
11400111700	3221910064839	17	17	184	125	1	1
11400111750	3221910064884	17.5	17.5	191	130	1	1
11400111800	3221910064914	18	18	191	130	1	1
11400111900	3221910064976	19	19	198	135	1	1
11400112000	3221910065041	20	20	205	140	1	1