

High-performance drill (3xØ) for intensive drilling of high-strength steels and cast iron thanks to its geometry. Made in France



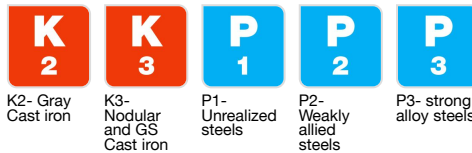
- Especially for high-strength steels and cast irons
- Incredibly fast drilling
- Maximum long life
- Precise drilling
- Made in France
  
- Automatic centring
- 35° type N flute
- High-speed steel
- 135° tip
- FUSIO coating



**Machine**



**Application**



**Features**



**Properties and benefits**

- + Split-point grinding:reduction of the drill tip. ➡ Enables the simple self-centring of the drill bit on the smoothest of surfaces. Significantly reduces the required axial load.
- + 35° type N flute: normal flute profile with a 35° helix angle. ➡ Suitable for strong and difficult materials. Enables finer edge sharpness, for reduced cutting effort.
- + High-speed steel: HSS substrate ➡ For general use in steels and cast irons up to 950 N/mm<sup>2</sup>
- + 135° tip: 135° tip angle for the sharpening of the drill bit. ➡ Suitable for strong and difficult materials. Enables a shorter and stronger cutting edge, thus prolonging the service life.
- + FUSIO coating: Ti2CN base, thickness 2/4µm, hardness 3200HV, coefficient of friction 0.2, heat resist. 400°C. ➡ Thermal shield. Allows you to significantly increase service life, cutting speed, and progress. Reduces the axial load. Especially for steels.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11454110050	3221912042606	0.5	0.5	22	6	1	10	
11454110060	3221912042613	0.6	0.6	24	7	1	10	
11454110070	3221912042620	0.7	0.7	28	9	1	10	
11454110080	3221912042637	0.8	0.8	30	10	1	10	
11454110090	3221912042644	0.9	0.9	32	11	1	10	
11454110100	3221912042651	1	1	34	12	1	10	
11454110110	3221912042668	1.1	1.1	36	14	1	10	

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11454110120	3221912042675	1.2	1.2	38	16	1	10
11454110130	3221912042682	1.3	1.3	38	16	1	10
11454110140	3221912042699	1.4	1.4	40	18	1	10
11454110150	3221912042705	1.5	1.5	40	18	1	10
11454110160	3221912042712	1.6	1.6	43	20	1	10
11454110170	3221912042729	1.7	1.7	43	20	1	10
11454110180	3221912042736	1.8	1.8	46	22	1	10
11454110190	3221912042743	1.9	1.9	46	22	1	10
11454110200	3221912042750	2	2	49	24	1	10
11454110210	3221912042767	2.1	2.1	49	24	1	10
11454110220	3221912042774	2.2	2.2	53	27	1	10
11454110230	3221912042781	2.3	2.3	53	27	1	10
11454110240	3221912042798	2.4	2.4	57	30	1	10
11454110250	3221912042804	2.5	2.5	57	30	1	10
11454110260	3221912042811	2.6	2.6	57	30	1	10
11454110270	3221912042828	2.7	2.7	61	33	1	10
11454110280	3221912042835	2.8	2.8	61	33	1	10
11454110290	3221912042842	2.9	2.9	61	33	1	10
11454110300	3221912042859	3	3	61	33	1	10
11454110310	3221912042866	3.1	3.1	65	36	1	10
11454110320	3221912042873	3.2	3.2	65	36	1	10
11454110325	3221912042897	3.25	3.25	65	36	1	10
11454110330	3221912042880	3.3	3.3	65	36	1	10
11454110340	3221912042903	3.4	3.4	70	39	1	10
11454110350	3221912042910	3.5	3.5	70	39	1	10
11454110360	3221912042927	3.6	3.6	70	39	1	10
11454110370	3221912042934	3.7	3.7	70	39	1	10
11454110380	3221912042941	3.8	3.8	75	43	1	10
11454110390	3221912042958	3.9	3.9	75	43	1	10
11454110400	3221912041821	4	4	75	43	1	10
11454110410	3221912041838	4.1	4.1	75	43	1	10
11454110420	3221912041845	4.2	4.2	75	43	1	10
11454110425	3221912041852	4.25	4.25	75	43	1	10
11454110430	3221912041869	4.3	4.3	80	47	1	10
11454110440	3221912041876	4.4	4.4	80	47	1	10
11454110450	3221912041883	4.5	4.5	80	47	1	10
11454110460	3221912041890	4.6	4.6	80	47	1	10
11454110470	3221912041906	4.7	4.7	80	47	1	10
11454110480	3221912041913	4.8	4.8	86	52	1	10
11454110490	3221912041920	4.9	4.9	86	52	1	10
11454110500	3221912041937	5	5	86	52	1	10
11454110510	3221912041944	5.1	5.1	86	52	1	10
11454110520	3221912041951	5.2	5.2	86	52	1	10
11454110525	3221912041975	5.25	5.25	86	52	1	10
11454110530	3221912041968	5.3	5.3	86	52	1	10
11454110540	3221912041982	5.4	5.4	93	57	1	10
11454110550	3221912041999	5.5	5.5	93	57	1	10
11454110560	3221912042002	5.6	5.6	93	57	1	10
11454110570	3221912042019	5.7	5.7	93	57	1	10
11454110580	3221912042033	5.8	5.8	93	57	1	10
11454110590	3221912042040	5.9	5.9	93	57	1	10
11454110600	3221912042057	6	6	93	57	1	10
11454110610	3221912042064	6.1	6.1	101	63	1	10
11454110620	3221912042071	6.2	6.2	101	63	1	10
11454110630	3221912042088	6.3	6.3	101	63	1	10
11454110640	3221912042095	6.4	6.4	101	63	1	10
11454110650	3221912042101	6.5	6.5	101	63	1	10
11454110660	3221912042118	6.6	6.6	101	63	1	10
11454110670	3221912042125	6.7	6.7	101	63	1	10
11454110675	3221912042132	6.75	6.75	109	69	1	10
11454110680	3221912042149	6.8	6.8	109	69	1	10
11454110690	3221912042156	6.9	6.9	109	69	1	10
11454110700	3221912042163	7	7	109	69	1	10
11454110710	3221912042170	7.1	7.1	109	69	1	10
11454110720	3221912042187	7.2	7.2	109	69	1	10

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11454110730	3221912042194	7.3	7.3	109	69	1	10
11454110740	3221912042200	7.4	7.4	109	69	1	10
11454110750	3221912042217	7.5	7.5	109	69	1	10
11454110760	3221912042224	7.6	7.6	117	75	1	10
11454110770	3221912042231	7.7	7.7	117	75	1	10
11454110780	3221912042248	7.8	7.8	117	75	1	10
11454110790	3221912042255	7.9	7.9	117	75	1	10
11454110800	3221912042262	8	8	117	75	1	10
11454110810	3221912042279	8.1	8.1	117	75	1	5
11454110820	3221912042286	8.2	8.2	117	75	1	5
11454110830	3221912042293	8.3	8.3	117	75	1	5
11454110840	3221912042309	8.4	8.4	117	75	1	5
11454110850	3221912042316	8.5	8.5	117	75	1	5
11454110860	3221912042323	8.6	8.6	125	81	1	5
11454110870	3221912042330	8.7	8.7	125	81	1	5
11454110880	3221912042347	8.8	8.8	125	81	1	5
11454110890	3221912042354	8.9	8.9	125	81	1	5
11454110900	3221912042361	9	9	125	81	1	5
11454110910	3221912042385	9.1	9.1	125	81	1	5
11454110920	3221912042392	9.2	9.2	125	81	1	5
11454110930	3221912042408	9.3	9.3	125	81	1	5
11454110940	3221912042415	9.4	9.4	125	81	1	5
11454110950	3221912042422	9.5	9.5	125	81	1	5
11454110960	3221912042439	9.6	9.6	133	87	1	5
11454110970	3221912042446	9.7	9.7	133	87	1	5
11454110980	3221912042453	9.8	9.8	133	87	1	5
11454110990	3221912042460	9.9	9.9	133	87	1	5
11454111000	3221912042378	10	10	133	87	1	5
11454111010	3221912042477	10.1	10.1	133	87	1	5
11454111020	3221912042484	10.2	10.2	133	87	1	5
11454111025	3221912042507	10.25	10.25	133	87	1	5
11454111030	3221912042491	10.3	10.3	133	87	1	5
11454111040	3221912042514	10.4	10.4	133	87	1	5
11454111050	3221912042521	10.5	10.5	133	87	1	5
11454111100	3221912042538	11	11	142	94	1	5
11454111150	3221912042545	11.5	11.5	142	94	1	5
11454111200	3221912042552	12	12	151	101	1	5
11454111250	3221912042569	12.5	12.5	151	101	1	5
11454111300	3221912042576	13	13	151	101	1	5