

**1145414 | FURIUS fully ground HSS metal drill bit - FUSIO coated - Split point PREMIUM (Plastic sleeve)**

High-performance drill bit for incredibly fast and intensive drilling of high-strength steels and cast irons, thanks to its geometry and its FUSIO coating. Made in France.



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



**Machine**



**Application**

<b>K</b> 2	<b>K</b> 3	<b>P</b> 1	<b>P</b> 2	<b>P</b> 3
K2- Gray Cast iron	K3- Nodular and GS Cast iron	P1- Unrealized steels	P2- Weakly allied steels	P3- strong alloy steels

**Features**

<b>HSS</b>	<b>FUSIO COATED</b> ø3-13mm ONLY	<b>DIN 338</b>	<b>CYL</b>		<b>135°</b>	<b>N TYPE</b>	<b>35°</b>	<b>3xd</b>	<b>h8</b>	<b>ECONOMIE ENERGIE</b> ENERGY SAVING	
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**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
11454140100	3221912045607	1	1	34	12		2	6
11454140150	3221912045614	1.5	1.5	40	18		2	6
11454140200	3221912045621	2	2	49	24		2	6
11454140250	3221912045638	2.5	2.5	57	30		2	6
11454140300	3221912045645	3	3	61	33		2	6
11454140320	3221912045652	3.2	3.2	65	36		2	6
11454140350	3221912045669	3.5	3.5	70	39		2	6

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11454140400	3221912045676	4	4	75	43	2	6
11454140420	3221912045683	4.2	4.2	75	43	2	6
11454140450	3221912045690	4.5	4.5	80	47	2	6
11454140500	3221912045706	5	5	86	52	2	6
11454140550	3221912045713	5.5	5.5	93	57	1	6
11454140600	3221912045720	6	6	93	57	1	6
11454140650	3221912045737	6.5	6.5	101	63	1	6
11454140680	3221912045744	6.8	6.8	109	69	1	6
11454140700	3221912045751	7	7	109	69	1	6
11454140750	3221912045768	7.5	7.5	109	69	1	3
11454140800	3221912045775	8	8	117	75	1	3
11454140850	3221912045782	8.5	8.5	117	75	1	3
11454140900	3221912045799	9	9	125	81	1	3
11454140950	3221912045805	9.5	9.5	125	81	1	3
11454141000	3221912045812	10	10	133	87	1	3
11454141050	3221912045829	10.5	10.5	133	87	1	1
11454141100	3221912045836	11	11	142	94	1	1
11454141150	3221912045843	11.5	11.5	142	94	1	1
11454141200	3221912045850	12	12	151	101	1	1
11454141250	3221912045867	12.5	12.5	151	101	1	1
11454141300	3221912045874	13	13	151	101	1	1