

# 1145416 | FURIUS fully ground HSS metal drill bit - FUSIO coated - Split point PREMIUM (Hanging tube)

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



## 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
11454160100	3221912044877	1	1	34	12	lu	10	1
11454160150	3221912044884	1.5	1.5	40	18	lu	10	1
11454160200	3221912044891	2	2	49	24	lu	10	1
11454160250	3221912044914	2.5	2.5	57	30	lu	10	1
11454160300	3221912044921	3	3	61	33	lu	10	1
11454160320	3221912044938	3.2	3.2	65	36	lu	10	1
11454160350	3221912044945	3.5	3.5	70	39	lu	10	1
11454160400	3221912044952	4	4	75	43	lu	10	1
11454160420	3221912044969	4.2	4.2	75	43	lu	10	1
11454160450	3221912044976	4.5	4.5	80	47	lu	10	1
11454160500	3221912044983	5	5	86	52	lu	10	1
11454160520	3221912044990	5.2	5.2	86	52	lu	10	1
11454160550	3221912045003	5.5	5.5	93	57	lu	10	1



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11454160600	3221912045010	6	6	93	57	10	1
11454160650	3221912045027	6.5	6.5	101	63	10	1
11454160680	3221912045034	6.8	6.8	109	69	10	1
11454160700	3221912045041	7	7	109	69	10	1
11454160750	3221912045058	7.5	7.5	109	69	10	1
11454160800	3221912045065	8	8	117	75	10	1
11454160850	3221912045072	8.5	8.5	117	75	5	1
11454160900	3221912045089	9	9	125	81	5	1
11454160950	3221912045096	9.5	9.5	125	81	5	1
11454161000	3221912045102	10	10	133	87	5	1
11454161100	3221912045119	11	11	142	94	2	1
11454161200	3221912045126	12	12	151	101	2	1
11454161300	3221912045133	13	13	151	101	2	1