

# 1141541 | Fully ground HSS metal drill bit -STEAM treatment -DIN1869 -h8 -10xd -Extra long -Aminci

High performance drill (10xØ) for intensive and deep drilling of hard metals and cast iron. Precise drilling. DIN 1869 (grade R1)



- Especially for high-strength steels and cast irons
- Deep drilling
- Precise drilling
- Tough
- Versatile use

- Elliptical sharpening
- 30° type N flute
- High-speed steel
- 118° tip
- STEAM treatment

### 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

- + Elliptical cutting: elliptical tapering of the tip of the drill bit. ➡ Enables the reduction of cutting effort, while maintaining excellent tool rigidity, as well as good resistance to wear.
- + 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 attack of the material and simple centering.
- + STEAM treatment : Steam oxidation treatment. ➡ Avoids cold bonding. Reduced coefficient of friction in steels.



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11415410200	3221912293428	2	2	125	85		1	1
11415410250	3221912293435	2.5	2.5	140	95		1	1
11415410300	3221912293442	3	3	150	100		1	1
11415410350	3221912293459	3.5	3.5	165	115		1	1
11415410400	3221912293466	4	4	175	120		1	1
11415410450	3221912293473	4.5	4.5	185	125		1	1
11415410500	3221912293480	5	5	195	135		1	1
11415410550	3221912293497	5.5	5.5	205	140		1	1
11415410600	3221912293503	6	6	205	140		1	1
11415410650	3221912293510	6.5	6.5	215	150		1	1
11415410700	3221912293527	7	7	225	155		1	1
11415410750	3221912293534	7.5	7.5	225	155		1	1
11415410800	3221912293541	8	8	240	165		1	1
11415410850	3221912293558	8.5	8.5	240	165		1	1



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11415410900	3221912293565	9	9	250	175	1	1
11415410950	3221912293572	9.5	9.5	250	175	1	1
11415411000	3221912293589	10	10	265	185	1	1
11415411100	3221912293596	11	11	280	195	1	1
11415411200	3221912293602	12	12	295	205	1	1