

# 1140271 | Fully ground HSS metal drill bit -STEAM treatment -TivolyNorm -h8 -Double ended

Compact drill for drilling steel and stainless steel sheets. Doubled life thanks to its double sharpening.



- Especially for high-strength steels and cast irons
- Superior long life
- Rapid drilling
- Tough
- Made in France
  
- Automatic centring
- 118° tip
- Cylindrical shank
- 30° type N flute
- High-speed steel

### 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.
- + 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.
- + 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>



Code	EAN	Ø	d2/CM	L	l	lu	QTY	PCB
11402710200	3221910154936	2	2	38	10		1	10
11402710220	3221910154943	2.2	2.2	40	10		1	10
11402710250	3221910154967	2.5	2.5	43	10		1	10
11402710300	3221910155001	3	3	46	10		1	10
11402710310	3221910155018	3.1	3.1	49	10		1	10
11402710320	3221910155025	3.2	3.2	49	10		1	10
11402710330	3221910155056	3.3	3.3	49	10		1	10
11402710350	3221910155070	3.5	3.5	52	13		1	10
11402710380	3221910155094	3.8	3.8	55	13		1	10
11402710400	3221910155100	4	4	55	13		1	10
11402710410	3221910155117	4.1	4.1	55	13		1	10
11402710420	3221910155124	4.2	4.2	55	13		1	10
11402710450	3221910155155	4.5	4.5	58	13		1	10
11402710480	3221910155162	4.8	4.8	62	16		1	10
11402710490	3221910155179	4.9	4.9	62	16		1	10

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11402710500	3221910155186	5	5	62	16	1	10
11402710510	3221910155193	5.1	5.1	62	16	1	10
11402710520	3221910155209	5.2	5.2	62	16	1	10
11402710550	3221910155223	5.5	5.5	66	19	1	10
11402710600	3221910155247	6	6	66	19	1	10
11402710650	3221910155261	6.5	6.5	70	19	1	10
11402710700	3221910155278	7	7	74	19	1	10
11402710800	3221910155292	8	8	79	22	1	10
11402710900	3221910155315	9	9	84	22	1	5
11402711000	3221910155339	10	10	89	22	1	5