

1140251 | Fully ground HSS metal drill bit -STEAM treatment -DIN1897 -h8 -Extra short -Standard point

Drilling of steels and cast irons. Strength, precision.



- Especially for high-strength steels and cast irons
- Precise drilling
- Tough
- Made in France

- Conventional point
- 30° type N flute
- High-speed steel
- 118° tip
- STEAM treatment

Machine



Application



Features



Properties and benefits

- + Conventional grinding: with a standard point sharpening ➡ Simple and robust, for versatile use. Enables good hole precision and wear resistance.
- + 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/mm²
- + 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 centring.
- + STEAM treatment : Steam oxidation treatment. ➡ Avoids cold bonding. Reduced coefficient of friction in steels.



| Code | EAN | Ø | d2/CM | L | I | lu | QTY | PCB |
|-------------|---------------|-----|-------|----|----|----|-----|-----|
| 11402510100 | 3221910151775 | 1 | 1 | 26 | 6 | | 1 | 10 |
| 11402510150 | 3221910151850 | 1.5 | 1.5 | 32 | 9 | | 1 | 10 |
| 11402510200 | 3221910151935 | 2 | 2 | 38 | 12 | | 1 | 10 |
| 11402510220 | 3221910151959 | 2.2 | 2.2 | 40 | 13 | | 1 | 10 |
| 11402510250 | 3221910152000 | 2.5 | 2.5 | 43 | 14 | | 1 | 10 |
| 11402510260 | 3221910152017 | 2.6 | 2.6 | 43 | 14 | | 1 | 10 |
| 11402510280 | 3221910152055 | 2.8 | 2.8 | 46 | 16 | | 1 | 10 |
| 11402510300 | 3221910152086 | 3 | 3 | 46 | 16 | | 1 | 10 |
| 11402510310 | 3221910152093 | 3.1 | 3.1 | 49 | 18 | | 1 | 10 |
| 11402510320 | 3221910152116 | 3.2 | 3.2 | 49 | 18 | | 1 | 10 |
| 11402510330 | 3221910152130 | 3.3 | 3.3 | 49 | 18 | | 1 | 10 |
| 11402510350 | 3221910152154 | 3.5 | 3.5 | 52 | 20 | | 1 | 10 |
| 11402510380 | 3221910152208 | 3.8 | 3.8 | 55 | 22 | | 1 | 10 |
| 11402510400 | 3221910152239 | 4 | 4 | 55 | 22 | | 1 | 10 |
| 11402510410 | 3221910152246 | 4.1 | 4.1 | 55 | 22 | | 1 | 10 |

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|-------------|---------------|------|------|-----|----|---|----|
| 11402510420 | 3221910152253 | 4.2 | 4.2 | 55 | 22 | 1 | 10 |
| 11402510425 | 3221910152260 | 4.25 | 4.25 | 55 | 22 | 1 | 10 |
| 11402510450 | 3221910152307 | 4.5 | 4.5 | 58 | 24 | 1 | 10 |
| 11402510460 | 3221910152314 | 4.6 | 4.6 | 58 | 24 | 1 | 10 |
| 11402510480 | 3221910152352 | 4.8 | 4.8 | 62 | 26 | 1 | 10 |
| 11402510490 | 3221910152369 | 4.9 | 4.9 | 62 | 26 | 1 | 10 |
| 11402510500 | 3221910152376 | 5 | 5 | 62 | 26 | 1 | 10 |
| 11402510510 | 3221910152383 | 5.1 | 5.1 | 62 | 26 | 1 | 10 |
| 11402510520 | 3221910152406 | 5.2 | 5.2 | 62 | 26 | 1 | 10 |
| 11402510550 | 3221910152444 | 5.5 | 5.5 | 66 | 28 | 1 | 10 |
| 11402510600 | 3221910152529 | 6 | 6 | 66 | 28 | 1 | 10 |
| 11402510620 | 3221910152543 | 6.2 | 6.2 | 70 | 31 | 1 | 10 |
| 11402510650 | 3221910152598 | 6.5 | 6.5 | 70 | 31 | 1 | 10 |
| 11402510680 | 3221910152635 | 6.8 | 6.8 | 74 | 34 | 1 | 10 |
| 11402510700 | 3221910152659 | 7 | 7 | 74 | 34 | 1 | 10 |
| 11402510750 | 3221910152710 | 7.5 | 7.5 | 74 | 34 | 1 | 10 |
| 11402510800 | 3221910152789 | 8 | 8 | 79 | 37 | 1 | 10 |
| 11402510850 | 3221910152826 | 8.5 | 8.5 | 79 | 37 | 1 | 5 |
| 11402510900 | 3221910152888 | 9 | 9 | 84 | 40 | 1 | 5 |
| 11402511000 | 3221910152925 | 10 | 10 | 89 | 43 | 1 | 5 |
| 11402511100 | 3221910152970 | 11 | 11 | 95 | 47 | 1 | 5 |
| 11402511200 | 3221910152994 | 12 | 12 | 102 | 51 | 1 | 5 |
| 11402511300 | 3221910153021 | 13 | 13 | 102 | 51 | 1 | 5 |