

# 1140281 | HSS-E5 (cobalt 5%) metal drill bit -GOLD coated -DIN1897 -h8 -Extra short -Split point

High performance drill for steels and stainless steels.

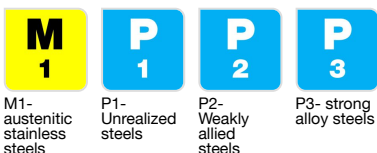


- Especially for high-strength steels, stainless steels and cast irons
- Compact drill bit
- Tough
- Rapid drilling
- Versatile use
- Automatic centring
- Cylindrical shank
- 30° type N flute
- 5% cobalt HSS
- 135° tip

## 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.
- + 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.
- + 5% cobalt high-speed steel: HSS substrate enriched with 5% cobalt. Improved heat retention (strength, cutting sharpness) ➡ For general use in metals up to 1200 N/mm².
- + 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.



| Code        | EAN           | Ø    | d2/CM | L  | I  | lu | QTY | PCB |
|-------------|---------------|------|-------|----|----|----|-----|-----|
| 11402810200 | 3221912002983 | 2    | 2     | 38 | 12 |    | 1   | 10  |
| 11402810220 | 3221912002976 | 2.2  | 2.2   | 40 | 13 |    | 1   | 10  |
| 11402810250 | 3221912002990 | 2.5  | 2.5   | 43 | 14 |    | 1   | 10  |
| 11402810275 | 3221912003003 | 2.75 | 2.75  | 46 | 16 |    | 1   | 10  |
| 11402810300 | 3221912003010 | 3    | 3     | 46 | 16 |    | 1   | 10  |
| 11402810320 | 3221912003027 | 3.2  | 3.2   | 49 | 18 |    | 1   | 10  |
| 11402810325 | 3221912003034 | 3.25 | 3.25  | 49 | 18 |    | 1   | 10  |
| 11402810330 | 3221912003041 | 3.3  | 3.3   | 49 | 18 |    | 1   | 10  |
| 11402810350 | 3221912003058 | 3.5  | 3.5   | 52 | 20 |    | 1   | 10  |
| 11402810375 | 3221912003065 | 3.75 | 3.75  | 52 | 20 |    | 1   | 10  |
| 11402810400 | 3221912003072 | 4    | 4     | 55 | 22 |    | 1   | 10  |
| 11402810410 | 3221912003089 | 4.1  | 4.1   | 55 | 22 |    | 1   | 10  |

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|             |               |      |      |    |    |   |    |
|-------------|---------------|------|------|----|----|---|----|
| 11402810420 | 3221912003096 | 4.2  | 4.2  | 55 | 22 | 1 | 10 |
| 11402810425 | 3221912003102 | 4.25 | 4.25 | 55 | 22 | 1 | 10 |
| 11402810450 | 3221912003119 | 4.5  | 4.5  | 58 | 24 | 1 | 10 |
| 11402810490 | 3221912003126 | 4.9  | 4.9  | 62 | 26 | 1 | 10 |
| 11402810500 | 3221912003133 | 5    | 5    | 62 | 26 | 1 | 10 |
| 11402810525 | 3221912003140 | 5.25 | 5.25 | 62 | 26 | 1 | 10 |
| 11402810550 | 3221912003157 | 5.5  | 5.5  | 66 | 28 | 1 | 10 |
| 11402810600 | 3221912003164 | 6    | 6    | 66 | 28 | 1 | 10 |
| 11402810650 | 3221912003171 | 6.5  | 6.5  | 70 | 31 | 1 | 10 |
| 11402810680 | 3221912003188 | 6.8  | 6.8  | 74 | 34 | 1 | 10 |
| 11402810700 | 3221912003195 | 7    | 7    | 74 | 34 | 1 | 10 |
| 11402810750 | 3221912003201 | 7.5  | 7.5  | 74 | 34 | 1 | 10 |
| 11402810800 | 3221912003218 | 8    | 8    | 79 | 37 | 1 | 10 |
| 11402810850 | 3221912003225 | 8.5  | 8.5  | 79 | 37 | 1 | 5  |
| 11402810900 | 3221912003232 | 9    | 9    | 84 | 40 | 1 | 5  |
| 11402810950 | 3221912003249 | 9.5  | 9.5  | 84 | 40 | 1 | 5  |
| 11402811000 | 3221912003256 | 10   | 10   | 89 | 43 | 1 | 5  |