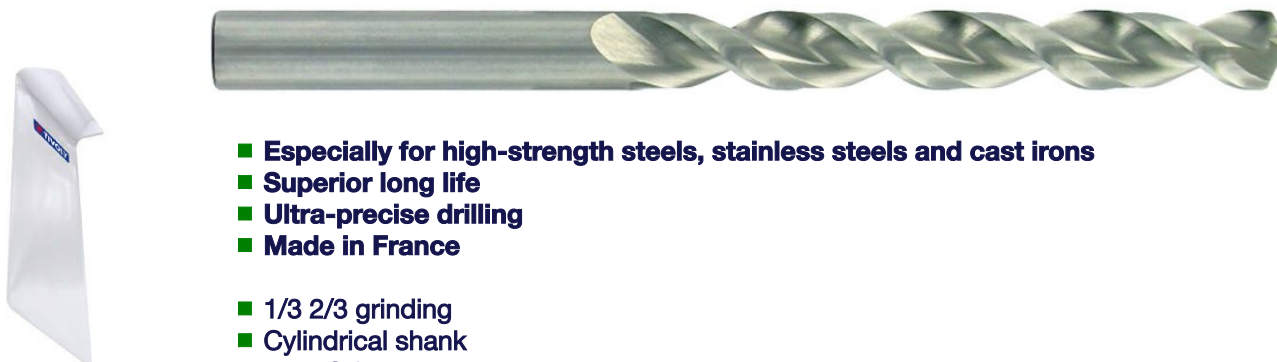


High performance drill for versatile drilling and deep holes. Made in France.

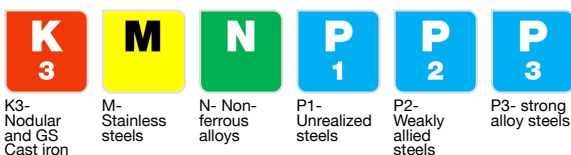


- Especially for high-strength steels, stainless steels and cast irons
- Superior long life
- Ultra-precise drilling
- Made in France
- 1/3 2/3 grinding
- Cylindrical shank
- Type S flute
- 5% cobalt HSS

#### Machine



#### Application



#### Features



#### Properties and benefits

- + 1/3 2/3 grinding: with tapering and indicator. ➡ Reduces cutting effort while maintaining good tip strength.
- + 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.
- + Type S flute: deep flute ➡ Suitable for deep drilling and for materials with chips that are difficult to extract.
- + 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.



| Code        | EAN           | Ø   | d2/CM | L  | I  | lu | QTY | PCB |
|-------------|---------------|-----|-------|----|----|----|-----|-----|
| 81401210250 | 3221910722708 | 2.5 | 2.5   | 57 | 30 |    | 1   | 10  |
| 81401210260 | 3221910722715 | 2.6 | 2.6   | 57 | 30 |    | 1   | 10  |
| 81401210270 | 3221910722722 | 2.7 | 2.7   | 61 | 33 |    | 1   | 10  |
| 81401210280 | 3221910722739 | 2.8 | 2.8   | 61 | 33 |    | 1   | 10  |
| 81401210290 | 3221910722746 | 2.9 | 2.9   | 61 | 33 |    | 1   | 10  |
| 81401210300 | 3221910722753 | 3   | 3     | 61 | 33 |    | 1   | 10  |
| 81401210310 | 3221910722760 | 3.1 | 3.1   | 65 | 36 |    | 1   | 10  |
| 81401210320 | 3221910722777 | 3.2 | 3.2   | 65 | 36 |    | 1   | 10  |
| 81401210330 | 3221910722791 | 3.3 | 3.3   | 65 | 36 |    | 1   | 10  |
| 81401210340 | 3221910722807 | 3.4 | 3.4   | 70 | 39 |    | 1   | 10  |
| 81401210350 | 3221910722814 | 3.5 | 3.5   | 70 | 39 |    | 1   | 10  |
| 81401210360 | 3221910722821 | 3.6 | 3.6   | 70 | 39 |    | 1   | 10  |
| 81401210370 | 3221910722838 | 3.7 | 3.7   | 70 | 39 |    | 1   | 10  |
| 81401210380 | 3221910722845 | 3.8 | 3.8   | 75 | 43 |    | 1   | 10  |
| 81401210390 | 3221910722852 | 3.9 | 3.9   | 75 | 43 |    | 1   | 10  |
| 81401210400 | 3221910722869 | 4   | 4     | 75 | 43 |    | 1   | 10  |
| 81401210410 | 3221910722876 | 4.1 | 4.1   | 75 | 43 |    | 1   | 10  |
| 81401210420 | 3221910722883 | 4.2 | 4.2   | 75 | 43 |    | 1   | 10  |

High performance drill for versatile drilling and deep holes. Made in France.

|             |               |      |      |     |     |   |    |
|-------------|---------------|------|------|-----|-----|---|----|
| 81401210430 | 3221910722906 | 4.3  | 4.3  | 80  | 47  | 1 | 10 |
| 81401210440 | 3221910722913 | 4.4  | 4.4  | 80  | 47  | 1 | 10 |
| 81401210450 | 3221910722920 | 4.5  | 4.5  | 80  | 47  | 1 | 10 |
| 81401210460 | 3221910722937 | 4.6  | 4.6  | 80  | 47  | 1 | 10 |
| 81401210470 | 3221910722944 | 4.7  | 4.7  | 80  | 47  | 1 | 10 |
| 81401210480 | 3221910722968 | 4.8  | 4.8  | 86  | 52  | 1 | 10 |
| 81401210490 | 3221910722975 | 4.9  | 4.9  | 86  | 52  | 1 | 10 |
| 81401210500 | 3221910722982 | 5    | 5    | 86  | 52  | 1 | 10 |
| 81401210510 | 3221910722999 | 5.1  | 5.1  | 86  | 52  | 1 | 10 |
| 81401210520 | 3221910723002 | 5.2  | 5.2  | 86  | 52  | 1 | 10 |
| 81401210530 | 3221910723026 | 5.3  | 5.3  | 86  | 52  | 1 | 10 |
| 81401210540 | 3221910723033 | 5.4  | 5.4  | 93  | 57  | 1 | 10 |
| 81401210550 | 3221910723040 | 5.5  | 5.5  | 93  | 57  | 1 | 10 |
| 81401210560 | 3221910723057 | 5.6  | 5.6  | 93  | 57  | 1 | 10 |
| 81401210570 | 3221910723064 | 5.7  | 5.7  | 93  | 57  | 1 | 10 |
| 81401210580 | 3221910723088 | 5.8  | 5.8  | 93  | 57  | 1 | 10 |
| 81401210590 | 3221910723095 | 5.9  | 5.9  | 93  | 57  | 1 | 10 |
| 81401210600 | 3221910723101 | 6    | 6    | 93  | 57  | 1 | 10 |
| 81401210610 | 3221910723118 | 6.1  | 6.1  | 101 | 63  | 1 | 10 |
| 81401210620 | 3221910723125 | 6.2  | 6.2  | 101 | 63  | 1 | 10 |
| 81401210630 | 3221910723149 | 6.3  | 6.3  | 101 | 63  | 1 | 10 |
| 81401210640 | 3221910723156 | 6.4  | 6.4  | 101 | 63  | 1 | 10 |
| 81401210650 | 3221910723163 | 6.5  | 6.5  | 101 | 63  | 1 | 10 |
| 81401210660 | 3221910723170 | 6.6  | 6.6  | 101 | 63  | 1 | 10 |
| 81401210670 | 3221910723187 | 6.7  | 6.7  | 101 | 63  | 1 | 10 |
| 81401210680 | 3221910723200 | 6.8  | 6.8  | 109 | 69  | 1 | 10 |
| 81401210690 | 3221910723217 | 6.9  | 6.9  | 109 | 69  | 1 | 10 |
| 81401210700 | 3221910723224 | 7    | 7    | 109 | 69  | 1 | 10 |
| 81401210710 | 3221910723231 | 7.1  | 7.1  | 109 | 69  | 1 | 10 |
| 81401210720 | 3221910723248 | 7.2  | 7.2  | 109 | 69  | 1 | 10 |
| 81401210730 | 3221910723262 | 7.3  | 7.3  | 109 | 69  | 1 | 10 |
| 81401210740 | 3221910723279 | 7.4  | 7.4  | 109 | 69  | 1 | 10 |
| 81401210750 | 3221910723286 | 7.5  | 7.5  | 109 | 69  | 1 | 10 |
| 81401210760 | 3221910723293 | 7.6  | 7.6  | 117 | 75  | 1 | 10 |
| 81401210770 | 3221910723309 | 7.7  | 7.7  | 117 | 75  | 1 | 10 |
| 81401210780 | 3221910723323 | 7.8  | 7.8  | 117 | 75  | 1 | 10 |
| 81401210790 | 3221910723330 | 7.9  | 7.9  | 117 | 75  | 1 | 10 |
| 81401210800 | 3221910723347 | 8    | 8    | 117 | 75  | 1 | 10 |
| 81401210810 | 3221910723354 | 8.1  | 8.1  | 117 | 75  | 1 | 5  |
| 81401210820 | 3221910723361 | 8.2  | 8.2  | 117 | 75  | 1 | 5  |
| 81401210830 | 3221910723385 | 8.3  | 8.3  | 117 | 75  | 1 | 5  |
| 81401210840 | 3221910723392 | 8.4  | 8.4  | 117 | 75  | 1 | 5  |
| 81401210850 | 3221910723408 | 8.5  | 8.5  | 117 | 75  | 1 | 5  |
| 81401210860 | 3221910723415 | 8.6  | 8.6  | 125 | 81  | 1 | 5  |
| 81401210870 | 3221910723422 | 8.7  | 8.7  | 125 | 81  | 1 | 5  |
| 81401210880 | 3221910723446 | 8.8  | 8.8  | 125 | 81  | 1 | 5  |
| 81401210900 | 3221910723460 | 9    | 9    | 125 | 81  | 1 | 5  |
| 81401210910 | 3221910723477 | 9.1  | 9.1  | 125 | 81  | 1 | 5  |
| 81401210930 | 3221910723491 | 9.3  | 9.3  | 125 | 81  | 1 | 5  |
| 81401210940 | 3221910723507 | 9.4  | 9.4  | 125 | 81  | 1 | 5  |
| 81401210950 | 3221910723514 | 9.5  | 9.5  | 125 | 81  | 1 | 5  |
| 81401210980 | 3221910723545 | 9.8  | 9.8  | 133 | 87  | 1 | 5  |
| 81401211000 | 3221910723569 | 10   | 10   | 133 | 87  | 1 | 5  |
| 81401211020 | 3221910723576 | 10.2 | 10.2 | 133 | 87  | 1 | 5  |
| 81401211050 | 3221910723590 | 10.5 | 10.5 | 133 | 87  | 1 | 5  |
| 81401211100 | 3221910723620 | 11   | 11   | 142 | 94  | 1 | 5  |
| 81401211150 | 3221910723644 | 11.5 | 11.5 | 142 | 94  | 1 | 5  |
| 81401211200 | 3221910723668 | 12   | 12   | 151 | 101 | 1 | 5  |
| 81401211250 | 3221910723682 | 12.5 | 12.5 | 151 | 101 | 1 | 5  |
| 81401211300 | 3221910723705 | 13   | 13   | 151 | 101 | 1 | 5  |