

## DIN338 SPIRAL FULLY GROUND DRILL BIT - HSS-G



The CHEMITOOL HSS drills were developed under careful manufacturing processes, in order to provide the professional with an excellent relation of quality and performance in metal drilling. This drill is distinguished by its excellent quality/value ratio.

- ✓ **Excellent quality/value ratio**
- ✓ **Fully ground**
- ✓ **High drilling performance**
- ✓ **Available from 1,0 to 16mm diameter**
- ✓ **Excellent centering capability**
- ✓ **Breakage resistance**
- ✓ **Long tool life**

The CHEMITOOL HSS drill is made entirely of high-speed steel, prepared for drilling in metals with a hardness up to 800N/mm<sup>2</sup>, according to DIN 338.

The main characteristic of this metal spiral drill bit is its drilling, which can be used for widening or countersinking thanks to its 135° attack angle.

The use of lubrication in the drilling process will increase the service life and reduce the heating of the drill, this application should not be forgotten when drilling materials with a high hardness and abrasion.

Also available in sets of 19 and 25 pieces (plastic case) and 170 pieces (metal case).



**PRECISE  
CUT**


**Material**  
High Speed Steel

**Suitable for**  
Steel, aluminum and non-ferrous metals.


**Compatible Machine**  
Handheld drill machine, bench drill machine




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| SAP              | Ø<br>(mm) | Overall Length<br>(mm) | Working Length<br>(mm) | Shank Diameter<br>(mm) |  | EAN           |
|------------------|-----------|------------------------|------------------------|------------------------|---|---------------|
| CHA190110000004  | 1,00      | 34                     | 12                     | 1,00                   | 10  | 5604630110068 |
| CHA190115000004  | 1,50      | 40                     | 18                     | 1,50                   | 10  | 5604630109741 |
| CHA190120000004  | 2,00      | 49                     | 24                     | 2,00                   | 10  | 5604630109758 |
| CHA190125000004  | 2,50      | 57                     | 30                     | 2,50                   | 10  | 5604630109765 |
| CHA190127500004  | 2,75      | 61                     | 33                     | 2,75                   | 10  | 5604630109772 |
| CHA190130000004  | 3,00      | 61                     | 33                     | 3,00                   | 10  | 5604630109789 |
| CHA190132500004  | 3,25      | 65                     | 36                     | 3,25                   | 10  | 5604630109796 |
| CHA190135000004  | 3,50      | 70                     | 39                     | 3,50                   | 10  | 5604630109802 |
| CHA190137500004  | 3,75      | 70                     | 39                     | 3,75                   | 10  | 5604630109819 |
| CHA190140000004  | 4,00      | 75                     | 43                     | 4,00                   | 10  | 5604630109826 |
| CHA190142500004  | 4,25      | 75                     | 43                     | 4,25                   | 10  | 5604630109833 |
| CHA190145000004  | 4,50      | 80                     | 47                     | 4,50                   | 10  | 5604630109840 |
| CHA190147500004  | 4,75      | 80                     | 47                     | 4,75                   | 10  | 5604630109857 |
| CHA190150000004  | 5,00      | 86                     | 52                     | 5,00                   | 10  | 5604630109864 |
| CHA190152500004  | 5,25      | 86                     | 52                     | 5,25                   | 10  | 5604630109871 |
| CHA190155000004  | 5,50      | 93                     | 57                     | 5,50                   | 10  | 5604630109888 |
| CHA190157500004  | 5,75      | 93                     | 57                     | 5,75                   | 10  | 5604630109895 |
| CHA190160000004  | 6,00      | 93                     | 57                     | 6,00                   | 10  | 5604630109901 |
| CHA190162500004  | 6,25      | 101                    | 63                     | 6,25                   | 10  | 5604630109918 |
| CHA190165000004  | 6,50      | 101                    | 63                     | 6,50                   | 10  | 5604630109925 |
| CHA190167500004  | 6,75      | 101                    | 63                     | 6,75                   | 10  | 5604630109932 |
| CHA190170000004  | 7,00      | 109                    | 69                     | 7,00                   | 10  | 5604630109949 |
| CHA190172500004  | 7,25      | 109                    | 69                     | 7,25                   | 10  | 5604630109956 |
| CHA190175000004  | 7,50      | 109                    | 69                     | 7,50                   | 10  | 5604630109963 |
| CHA190177500004  | 7,75      | 117                    | 75                     | 7,75                   | 10  | 5604630109970 |
| CHA190180000004  | 8,00      | 117                    | 75                     | 8,00                   | 10  | 5604630109987 |
| CHA190182500004  | 8,25      | 117                    | 75                     | 8,25                   | 10  | 5604630109994 |
| CHA190185000004  | 8,50      | 117                    | 75                     | 8,50                   | 10  | 5604630110006 |
| CHA190187500004  | 8,75      | 125                    | 81                     | 8,75                   | 10  | 5604630110013 |
| CHA190190000004  | 9,00      | 125                    | 81                     | 9,00                   | 10  | 5604630110020 |
| CHA190192500004  | 9,25      | 125                    | 81                     | 9,25                   | 10  | 5604630110037 |
| CHA190195000004  | 9,50      | 125                    | 81                     | 9,50                   | 10  | 5604630110044 |
| CHA190197500004  | 9,75      | 133                    | 87                     | 9,75                   | 10  | 5604630110051 |
| CHA1901100000004 | 10,00     | 133                    | 87                     | 10,00                  | 10  | 5604630122719 |
| CHA1901102500004 | 10,25     | 133                    | 87                     | 10,25                  | 5   | 5604630110075 |
| CHA1901105000004 | 10,50     | 133                    | 87                     | 10,50                  | 5   | 5604630110082 |
| CHA1901107500004 | 10,75     | 142                    | 94                     | 10,75                  | 5   | 5604630110099 |
| CHA1901110000004 | 11,00     | 142                    | 94                     | 11,00                  | 5   | 5604630110105 |
| CHA1901112500004 | 11,25     | 142                    | 94                     | 11,25                  | 5   | 5604630110112 |
| CHA1901115000004 | 11,50     | 142                    | 94                     | 11,50                  | 5   | 5604630110129 |
| CHA1901117500004 | 11,75     | 142                    | 94                     | 11,75                  | 5   | 5604630110136 |

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| SAP              | Ø<br>(mm) | Overall Length<br>(mm) | Working Length<br>(mm) | Shank Diameter<br>(mm) |  | EAN           |
|------------------|-----------|------------------------|------------------------|------------------------|---|---------------|
| CHA1901120000004 | 12,00     | 151                    | 101                    | 12,00                  | 5   | 5604630110143 |
| CHA1901122500004 | 12,25     | 151                    | 101                    | 12,25                  | 5   | 5604630110150 |
| CHA1901125000004 | 12,50     | 151                    | 101                    | 12,50                  | 5   | 5604630110167 |
| CHA1901127500004 | 12,75     | 151                    | 101                    | 12,75                  | 5   | 5604630110174 |
| CHA1901130000004 | 13,00     | 151                    | 101                    | 13,00                  | 5   | 5604630110181 |
| CHA1901135000004 | 13,50     | 160                    | 108                    | 13,50                  | 1   | 5604630110198 |
| CHA1901140000004 | 14,00     | 160                    | 108                    | 14,00                  | 1   | 5604630110204 |
| CHA1901145000004 | 14,50     | 169                    | 114                    | 14,50                  | 1   | 5604630110211 |
| CHA1901150000004 | 15,00     | 169                    | 114                    | 15,00                  | 1   | 5604630110228 |
| CHA1901155000004 | 15,50     | 178                    | 120                    | 15,50                  | 1   | 5604630110235 |
| CHA1901160000004 | 16,00     | 178                    | 120                    | 16,00                  | 1   | 5604630110242 |

| SAP             | Description                      | Ø<br>(mm)   | Scale<br>(mm) |  | EAN           |
|-----------------|----------------------------------|-------------|---------------|---|---------------|
| CHA190001902003 | Set of 19 pieces in plastic case | 1,0 to 10,0 | 0,5 in 0,5    | 1   | 5604630106320 |
| CHA190002502002 | Set of 25 pieces in plastic case | 1,0 to 13,0 | 0,5 in 0,5    | 1   | 5604630128827 |
| CHA190017001002 | Set of 170 pieces in metal case  | 1,0 to 10,0 | 0,5 in 0,5    | 1   | 5604630106344 |

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