

## Twist drills DIN 338 type N HSS ground, with split point

1.1

Point cut: helical point  
from Ø 3,0 mm  
with split point DIN 1412 C

Point angle: 118°

Helix angle: 20-30°

Ø tolerance: h8

Surface: bright

Right-hand cutting

Highly efficient standard drill suitable for all usual drilling work in all normal materials. High rotational precision.

Applications: for steel and cast-steel alloyed and unalloyed up to 900 N/mm² strength, grey cast, malleable cast iron, die-cast metal, iron sinter, nickel-silver, graphite cast iron, short-chipping aluminium alloys, bronze and brass..

Packing unit:

Ø 0,30 mm up to 10,40 mm in plastic box of 10

Ø 10,50 mm up to 16,00 mm in plastic box of 5



| Ø mm | Total length mm | Flute length mm | Article no. | Price each € |
|------|-----------------|-----------------|-------------|--------------|
| 0,30 | 19              | 3               | 214 003     |              |
| 0,40 | 20              | 5               | 214 004     |              |
| 0,50 | 22              | 6               | 214 005     |              |
| 0,60 | 24              | 7               | 214 006     |              |
| 0,70 | 28              | 9               | 214 007     |              |
| 0,80 | 30              | 10              | 214 008     |              |
| 0,90 | 32              | 11              | 214 009     |              |
| 1,00 | 34              | 12              | 214 010     |              |
| 1,10 | 36              | 14              | 214 011     |              |
| 1,20 | 38              | 16              | 214 012     |              |
| 1,25 | 38              | 16              | 214 0125    |              |
| 1,30 | 38              | 16              | 214 013     |              |
| 1,40 | 40              | 18              | 214 014     |              |
| 1,50 | 40              | 18              | 214 015     |              |
| 1,60 | 43              | 20              | 214 016     |              |
| 1,70 | 43              | 20              | 214 017     |              |
| 1,75 | 43              | 20              | 214 0175    |              |
| 1,80 | 46              | 22              | 214 018     |              |
| 1,90 | 46              | 22              | 214 019     |              |
| 2,00 | 49              | 24              | 214 020     |              |
| 2,10 | 49              | 24              | 214 021     |              |
| 2,20 | 53              | 27              | 214 022     |              |
| 2,25 | 53              | 27              | 214 0225    |              |
| 2,30 | 53              | 27              | 214 023     |              |
| 2,40 | 57              | 30              | 214 024     |              |
| 2,50 | 57              | 30              | 214 025     |              |
| 2,60 | 57              | 30              | 214 026     |              |
| 2,70 | 61              | 33              | 214 027     |              |
| 2,75 | 61              | 33              | 214 0275    |              |
| 2,80 | 61              | 33              | 214 028     |              |
| 2,90 | 61              | 33              | 214 029     |              |
| 3,00 | 61              | 33              | 214 030     |              |
| 3,10 | 65              | 36              | 214 031     |              |
| 3,20 | 65              | 36              | 214 032     |              |
| 3,25 | 65              | 36              | 214 0325    |              |
| 3,30 | 65              | 36              | 214 033     |              |
| 3,40 | 70              | 39              | 214 034     |              |
| 3,50 | 70              | 39              | 214 035     |              |
| 3,60 | 70              | 39              | 214 036     |              |
| 3,70 | 70              | 39              | 214 037     |              |
| 3,75 | 70              | 39              | 214 0375    |              |
| 3,80 | 75              | 43              | 214 038     |              |
| 3,90 | 75              | 43              | 214 039     |              |
| 4,00 | 75              | 43              | 214 040     |              |
| 4,10 | 75              | 43              | 214 041     |              |
| 4,20 | 75              | 43              | 214 042     |              |
| 4,25 | 75              | 43              | 214 0425    |              |
| 4,30 | 80              | 47              | 214 043     |              |
| 4,40 | 80              | 47              | 214 044     |              |
| 4,50 | 80              | 47              | 214 045     |              |
| 4,60 | 80              | 47              | 214 046     |              |
| 4,70 | 80              | 47              | 214 047     |              |

| Ø mm | Total length mm | Flute length mm | Article no. | Price each € |
|------|-----------------|-----------------|-------------|--------------|
| 4,75 | 80              | 47              | 214 0475    |              |
| 4,80 | 86              | 52              | 214 048     |              |
| 4,90 | 86              | 52              | 214 049     |              |
| 5,00 | 86              | 52              | 214 050     |              |
| 5,10 | 86              | 52              | 214 051     |              |
| 5,20 | 86              | 52              | 214 052     |              |
| 5,25 | 86              | 52              | 214 0525    |              |
| 5,30 | 86              | 52              | 214 053     |              |
| 5,40 | 93              | 57              | 214 054     |              |
| 5,50 | 93              | 57              | 214 055     |              |
| 5,60 | 93              | 57              | 214 056     |              |
| 5,70 | 93              | 57              | 214 057     |              |
| 5,75 | 93              | 57              | 214 0575    |              |
| 5,80 | 93              | 57              | 214 058     |              |
| 5,90 | 93              | 57              | 214 059     |              |
| 6,00 | 93              | 57              | 214 060     |              |
| 6,10 | 101             | 63              | 214 061     |              |
| 6,20 | 101             | 63              | 214 062     |              |
| 6,25 | 101             | 63              | 214 0625    |              |
| 6,30 | 101             | 63              | 214 063     |              |
| 6,40 | 101             | 63              | 214 064     |              |
| 6,50 | 101             | 63              | 214 065     |              |
| 6,60 | 101             | 63              | 214 066     |              |
| 6,70 | 101             | 63              | 214 067     |              |
| 6,75 | 101             | 63              | 214 0675    |              |
| 6,80 | 109             | 69              | 214 068     |              |
| 6,90 | 109             | 69              | 214 069     |              |
| 7,00 | 109             | 69              | 214 070     |              |
| 7,10 | 109             | 69              | 214 071     |              |
| 7,20 | 109             | 69              | 214 072     |              |
| 7,25 | 109             | 69              | 214 0725    |              |
| 7,30 | 109             | 69              | 214 073     |              |
| 7,40 | 109             | 69              | 214 074     |              |
| 7,50 | 109             | 69              | 214 075     |              |
| 7,60 | 117             | 75              | 214 076     |              |
| 7,70 | 117             | 75              | 214 077     |              |
| 7,75 | 117             | 75              | 214 0775    |              |
| 7,80 | 117             | 75              | 214 078     |              |
| 7,90 | 117             | 75              | 214 079     |              |
| 8,00 | 117             | 75              | 214 080     |              |
| 8,10 | 117             | 75              | 214 081     |              |
| 8,20 | 117             | 75              | 214 082     |              |
| 8,25 | 117             | 75              | 214 0825    |              |
| 8,30 | 117             | 75              | 214 083     |              |
| 8,40 | 117             | 75              | 214 084     |              |
| 8,50 | 117             | 75              | 214 085     |              |
| 8,60 | 125             | 81              | 214 086     |              |
| 8,70 | 125             | 81              | 214 087     |              |
| 8,75 | 125             | 81              | 214 0875    |              |
| 8,80 | 125             | 81              | 214 088     |              |
| 8,90 | 125             | 81              | 214 089     |              |
| 9,00 | 125             | 81              | 214 090     |              |

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