

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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| \textO mm | Total length mm | Flute length mm | Article no. | Price each € | \textO mm | Total length mm | Flute length mm | Article no. | Price each € |
|--------------------|-----------------|-----------------|-------------|--------------|--------------------|-----------------|-----------------|-------------|--------------|
| 9,10 | 125 | 81 | 214 091 | | 11,30 | 142 | 94 | 214 113 | |
| 9,20 | 125 | 81 | 214 092 | | 11,40 | 142 | 94 | 214 114 | |
| 9,25 | 125 | 81 | 214 0925 | | 11,50 | 142 | 94 | 214 115 | |
| 9,30 | 125 | 81 | 214 093 | | 11,60 | 142 | 94 | 214 116 | |
| 9,40 | 125 | 81 | 214 094 | | 11,70 | 142 | 94 | 214 117 | |
| 9,50 | 125 | 81 | 214 095 | | 11,80 | 142 | 94 | 214 118 | |
| 9,60 | 133 | 87 | 214 096 | | 11,90 | 151 | 101 | 214 119 | |
| 9,70 | 133 | 87 | 214 097 | | 12,00 | 151 | 101 | 214 120 | |
| 9,75 | 133 | 87 | 214 0975 | | 12,10 | 151 | 101 | 214 121 | |
| 9,80 | 133 | 87 | 214 098 | | 12,20 | 151 | 101 | 214 122 | |
| 9,90 | 133 | 87 | 214 099 | | 12,30 | 151 | 101 | 214 123 | |
| 10,00 | 133 | 87 | 214 100 | | 12,40 | 151 | 101 | 214 124 | |
| 10,10 | 133 | 87 | 214 101 | | 12,50 | 151 | 101 | 214 125 | |
| 10,20 | 133 | 87 | 214 102 | | 12,60 | 151 | 101 | 214 126 | |
| 10,30 | 133 | 87 | 214 103 | | 12,70 | 151 | 101 | 214 127 | |
| 10,40 | 133 | 87 | 214 104 | | 12,80 | 151 | 101 | 214 128 | |
| 10,50 | 133 | 87 | 214 105 | | 12,90 | 151 | 101 | 214 129 | |
| 10,60 | 142 | 94 | 214 106 | | 13,00 | 151 | 101 | 214 130 | |
| 10,70 | 142 | 94 | 214 107 | | 13,50 | 160 | 108 | 214 135 | |
| 10,80 | 142 | 94 | 214 108 | | 14,00 | 160 | 108 | 214 140 | |
| 10,90 | 142 | 94 | 214 109 | | 14,50 | 169 | 114 | 214 145 | |
| 11,00 | 142 | 94 | 214 110 | | 15,00 | 169 | 114 | 214 150 | |
| 11,10 | 142 | 94 | 214 111 | | 15,50 | 178 | 120 | 214 155 | |
| 11,20 | 142 | 94 | 214 112 | | 16,00 | 178 | 120 | 214 160 | |
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