

Katalog 2020



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





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HSS- R Spiralbohrer DIN 338 RN

kurz, rollgewalzt, 118° Spitzenwinkel

HSS twist drills DIN 338, short, roll forged, cone-shaped shell 118° point angle



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | Art. Nr. SB-Tasche/DIY | VE |
|-----|---------|----------|-------------------------|---------------------------|-------|
| 0,3 | 19 | 3 | 100.003 | 102.003 | 10pcs |
| 0,4 | 20 | 5 | 100.004 | 102.004 | 10pcs |
| 0,5 | 22 | 6 | 100.005 | 102.005 | 10pcs |
| 0,6 | 24 | 7 | 100.006 | 102.006 | 10pcs |
| 0,7 | 28 | 9 | 100.007 | 102.007 | 10pcs |
| 0,8 | 30 | 10 | 100.008 | 102.008 | 10pcs |
| 0,9 | 32 | 11 | 100.009 | 102.009 | 10pcs |
| 1,0 | 34 | 12 | 100.010 | 102.010 | 10pcs |
| 1,1 | 36 | 14 | 100.011 | 102.011 | 10pcs |
| 1,2 | 38 | 16 | 100.012 | 102.012 | 10pcs |
| 1,3 | 38 | 16 | 100.013 | 102.013 | 10pcs |
| 1,4 | 40 | 18 | 100.014 | 102.014 | 10pcs |
| 1,5 | 40 | 18 | 100.015 | 102.015 | 10pcs |
| 1,6 | 43 | 20 | 100.016 | 102.016 | 10pcs |
| 1,7 | 43 | 20 | 100.017 | 102.017 | 10pcs |
| 1,8 | 46 | 22 | 100.018 | 102.018 | 10pcs |
| 1,9 | 46 | 22 | 100.019 | 102.019 | 10pcs |
| 2,0 | 49 | 24 | 100.020 | 102.020 | 10pcs |
| 2,1 | 49 | 24 | 100.021 | 102.021 | 10pcs |
| 2,2 | 53 | 27 | 100.022 | 102.022 | 10pcs |
| 2,3 | 53 | 27 | 100.023 | 102.023 | 10pcs |
| 2,4 | 57 | 30 | 100.024 | 102.024 | 10pcs |
| 2,5 | 57 | 30 | 100.025 | 102.025 | 10pcs |
| 2,6 | 57 | 30 | 100.026 | 102.026 | 10pcs |
| 2,7 | 61 | 33 | 100.027 | 102.027 | 10pcs |
| 2,8 | 61 | 33 | 100.028 | 102.028 | 10pcs |
| 2,9 | 61 | 33 | 100.029 | 102.029 | 10pcs |
| 3,0 | 61 | 33 | 100.030 | 102.030 | 10pcs |
| 3,1 | 65 | 36 | 100.031 | 102.031 | 10pcs |
| 3,2 | 65 | 36 | 100.032 | 102.032 | 10pcs |
| 3,3 | 65 | 36 | 100.033 | 102.033 | 10pcs |
| 3,4 | 70 | 39 | 100.034 | 102.034 | 10pcs |
| 3,5 | 70 | 39 | 100.035 | 102.035 | 10pcs |
| 3,6 | 70 | 39 | 100.036 | 102.036 | 10pcs |
| 3,7 | 70 | 39 | 100.037 | 102.037 | 10pcs |
| 3,8 | 75 | 43 | 100.038 | 102.038 | 10pcs |
| 3,9 | 75 | 43 | 100.039 | 102.039 | 10pcs |
| 4,0 | 75 | 43 | 100.040 | 102.040 | 10pcs |
| 4,1 | 75 | 43 | 100.041 | 102.041 | 10pcs |
| 4,2 | 75 | 43 | 100.042 | 102.042 | 10pcs |
| 4,3 | 80 | 47 | 100.043 | 102.043 | 10pcs |
| 4,4 | 80 | 47 | 100.044 | 102.044 | 10pcs |
| 4,5 | 80 | 47 | 100.045 | 102.045 | 10pcs |
| 4,6 | 80 | 47 | 100.046 | 102.046 | 10pcs |
| 4,7 | 80 | 52 | 100.047 | 102.047 | 10pcs |
| 4,8 | 86 | 52 | 100.048 | 102.048 | 10pcs |
| 4,9 | 86 | 52 | 100.049 | 102.049 | 10pcs |
| 5,0 | 86 | 52 | 100.050 | 102.050 | 10pcs |
| 5,1 | 86 | 52 | 100.051 | 102.051 | 10pcs |
| 5,2 | 86 | 52 | 100.052 | 102.052 | 10pcs |
| 5,3 | 86 | 52 | 100.053 | 102.053 | 10pcs |
| 5,4 | 93 | 57 | 100.054 | 102.054 | 10pcs |
| 5,5 | 93 | 57 | 100.055 | 102.055 | 10pcs |
| 5,6 | 93 | 57 | 100.056 | 102.056 | 10pcs |
| 5,7 | 93 | 57 | 100.057 | 102.057 | 10pcs |
| 5,8 | 93 | 57 | 100.058 | 102.058 | 10pcs |
| 5,9 | 93 | 57 | 100.059 | 102.059 | 10pcs |
| 6,0 | 93 | 63 | 100.060 | 102.060 | 10pcs |

| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | Art. Nr. SB-Tasche/DIY | VE |
|------|---------|----------|-------------------------|---------------------------|-------|
| 6,1 | 101 | 63 | 100.061 | 102.061 | 10pcs |
| 6,2 | 101 | 63 | 100.062 | 102.062 | 10pcs |
| 6,3 | 101 | 63 | 100.063 | 102.063 | 10pcs |
| 6,4 | 101 | 63 | 100.064 | 102.064 | 10pcs |
| 6,5 | 101 | 63 | 100.065 | 102.065 | 10pcs |
| 6,6 | 101 | 63 | 100.066 | 102.066 | 10pcs |
| 6,7 | 101 | 63 | 100.067 | 102.067 | 10pcs |
| 6,8 | 109 | 69 | 100.068 | 102.068 | 10pcs |
| 6,9 | 109 | 69 | 100.069 | 102.069 | 10pcs |
| 7,0 | 109 | 69 | 100.070 | 102.070 | 10pcs |
| 7,1 | 109 | 69 | 100.071 | 102.071 | 10pcs |
| 7,2 | 109 | 69 | 100.072 | 102.072 | 10pcs |
| 7,3 | 109 | 69 | 100.073 | 102.073 | 10pcs |
| 7,4 | 109 | 69 | 100.074 | 102.074 | 10pcs |
| 7,5 | 109 | 69 | 100.075 | 102.075 | 10pcs |
| 7,6 | 117 | 75 | 100.076 | 102.076 | 10pcs |
| 7,7 | 117 | 75 | 100.077 | 102.077 | 10pcs |
| 7,8 | 117 | 75 | 100.078 | 102.078 | 10pcs |
| 7,9 | 117 | 75 | 100.079 | 102.079 | 10pcs |
| 8,0 | 117 | 75 | 100.080 | 102.080 | 10pcs |
| 8,1 | 117 | 75 | 100.081 | 102.081 | 10pcs |
| 8,2 | 117 | 75 | 100.082 | 102.082 | 10pcs |
| 8,3 | 117 | 75 | 100.083 | 102.083 | 10pcs |
| 8,4 | 117 | 75 | 100.084 | 102.084 | 10pcs |
| 8,5 | 117 | 75 | 100.085 | 102.085 | 10pcs |
| 8,6 | 125 | 81 | 100.086 | 102.086 | 10pcs |
| 8,7 | 125 | 81 | 100.087 | 102.087 | 10pcs |
| 8,8 | 125 | 81 | 100.088 | 102.088 | 10pcs |
| 8,9 | 125 | 81 | 100.089 | 102.089 | 10pcs |
| 9,0 | 125 | 81 | 100.090 | 102.090 | 10pcs |
| 9,1 | 125 | 81 | 100.091 | 102.091 | 10pcs |
| 9,2 | 125 | 81 | 100.092 | 102.092 | 10pcs |
| 9,3 | 125 | 81 | 100.093 | 102.093 | 10pcs |
| 9,4 | 125 | 81 | 100.094 | 102.094 | 10pcs |
| 9,5 | 125 | 81 | 100.095 | 102.095 | 10pcs |
| 9,6 | 133 | 87 | 100.096 | 102.096 | 10pcs |
| 9,7 | 133 | 87 | 100.097 | 102.097 | 10pcs |
| 9,8 | 133 | 87 | 100.098 | 102.098 | 10pcs |
| 9,9 | 133 | 87 | 100.099 | 102.099 | 10pcs |
| 10,0 | 133 | 87 | 100.100 | 102.100 | 10pcs |
| 10,2 | 133 | 87 | 100.102 | 102.102 | 5pcs |
| 10,5 | 133 | 87 | 100.105 | 102.105 | 5pcs |
| 11,0 | 142 | 94 | 100.110 | 102.110 | 5pcs |
| 11,5 | 142 | 94 | 100.115 | 102.115 | 5pcs |
| 12,0 | 151 | 101 | 100.120 | 102.120 | 5pcs |
| 12,5 | 151 | 101 | 100.125 | 102.125 | 5pcs |
| 13,0 | 151 | 101 | 100.130 | 102.130 | 5pcs |
| 13,5 | 160 | 108 | 100.135 | 102.135 | 5pcs |
| 14,0 | 160 | 108 | 100.140 | 102.140 | 5pcs |
| 14,5 | 169 | 114 | 100.145 | 102.145 | 5pcs |
| 15,0 | 169 | 114 | 100.150 | 102.150 | 5pcs |
| 15,5 | 178 | 120 | 100.155 | 102.155 | 5pcs |
| 16,0 | 178 | 120 | 100.160 | 102.160 | 5pcs |
| 16,5 | 184 | 125 | 100.165 | 102.165 | 5pcs |
| 17,0 | 184 | 125 | 100.170 | 102.170 | 5pcs |
| 17,5 | 191 | 130 | 100.175 | 102.175 | 5pcs |
| 18,0 | 191 | 130 | 100.180 | 102.180 | 5pcs |
| 18,5 | 198 | 135 | 100.185 | 102.185 | 5pcs |
| 19,0 | 198 | 135 | 100.190 | 102.190 | 5pcs |
| 19,5 | 205 | 140 | 100.195 | 102.195 | 5pcs |
| 20,0 | 205 | 140 | 100.200 | 102.200 | 5pcs |

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HSS- R Spiralbohrer DIN 338 red. Schaft

kurz, rollgewalzt, reduzierter Schaft, 118° Spitzenwinkel



| Ø | L mm | L1 mm | Schaft shank | Art. Nr. Quick- Pack | Art. Nr. SB-Tasche/DIY | VE |
|------|---------|----------|-----------------|-------------------------|---------------------------|------|
| 10,2 | 133 | 87 | 10 | 110.102 | 112.102 | 5pcs |
| 10,5 | 133 | 87 | 10 | 110.105 | 112.105 | 5pcs |
| 11,0 | 142 | 94 | 10 | 110.110 | 112.110 | 5pcs |
| 11,5 | 142 | 94 | 10 | 110.115 | 112.115 | 5pcs |
| 12,0 | 151 | 101 | 10 | 110.120 | 112.120 | 5pcs |
| 12,5 | 151 | 101 | 10 | 110.125 | 112.125 | 5pcs |
| 13,0 | 151 | 101 | 10 | 110.130 | 112.130 | 5pcs |
| 13,5 | 160 | 108 | 10 | 110.135 | 112.135 | 5pcs |
| 14,0 | 160 | 108 | 10 | 110.140 | 112.140 | 5pcs |
| 14,5 | 169 | 114 | 10 | 110.145 | 112.145 | 5pcs |
| 15,0 | 169 | 114 | 10 | 110.150 | 112.150 | 5pcs |
| 15,5 | 178 | 120 | 10 | 110.155 | 112.155 | 5pcs |
| 16,0 | 178 | 120 | 10 | 110.160 | 112.160 | 5pcs |
| 16,5 | 184 | 125 | 13 | 110.165 | 112.165 | 5pcs |
| 17,0 | 184 | 125 | 13 | 110.170 | 112.170 | 5pcs |
| 17,5 | 191 | 130 | 13 | 110.175 | 112.175 | 5pcs |
| 18,0 | 191 | 130 | 13 | 110.180 | 112.180 | 5pcs |
| 18,5 | 198 | 135 | 13 | 110.185 | 112.185 | 1pcs |
| 19,0 | 198 | 135 | 13 | 110.190 | 112.190 | 1pcs |
| 19,5 | 205 | 140 | 13 | 110.195 | 112.195 | 1pcs |
| 20,0 | 205 | 140 | 13 | 110.200 | 112.200 | 1pcs |
| 20,5 | 205 | 140 | 13 | 110.205 | 112.205 | 1pcs |
| 21,0 | 205 | 140 | 13 | 110.210 | 112.210 | 1pcs |
| 21,5 | 205 | 140 | 13 | 110.215 | 112.215 | 1pcs |
| 22,0 | 210 | 150 | 13 | 110.220 | 112.220 | 1pcs |
| 22,5 | 210 | 150 | 13 | 110.225 | 112.225 | 1pcs |
| 23,0 | 215 | 155 | 13 | 110.230 | 112.230 | 1pcs |
| 23,5 | 215 | 155 | 13 | 110.235 | 112.235 | 1pcs |
| 24,0 | 220 | 160 | 13 | 110.240 | 112.240 | 1pcs |
| 24,5 | 220 | 160 | 13 | 110.245 | 112.245 | 1pcs |
| 25,0 | 220 | 160 | 13 | 110.250 | 112.250 | 1pcs |



HSS- R Spiralbohrer Zollabmessung

kurz, rollgewalzt, 118° Spitzenwinkel

HSS twist drills, inch sizes, short, roll forged, cone-shaped shell 118° point angle



| \emptyset zoll | \emptyset mm | L mm | L1 mm | Art. Nr. Quick-Pack | VE |
|---------------------|-------------------|---------|----------|------------------------|-------|
| 1/16 | 1,588 | 20 | 5 | 120.1/16 | 10pcs |
| 5/64 | 1,984 | 49 | 24 | 120.5/64 | 10pcs |
| 3/32 | 2,381 | 57 | 30 | 120.3/32 | 10pcs |
| 7/64 | 2,778 | 61 | 33 | 120.7/64 | 10pcs |
| 1/8 | 3,175 | 65 | 36 | 120.1/8 | 10pcs |
| 9/64 | 3,572 | 70 | 39 | 120.9/64 | 10pcs |
| 5/32 | 3,969 | 75 | 43 | 120.5/32 | 10pcs |
| 11/64 | 4,366 | 80 | 47 | 120.11/64 | 10pcs |
| 3/16 | 4,763 | 86 | 52 | 120.3/16 | 10pcs |
| 13/64 | 5,159 | 86 | 52 | 120.13/64 | 10pcs |
| 7/32 | 5,556 | 93 | 57 | 120.7/32 | 10pcs |
| 15/64 | 5,955 | 93 | 63 | 120.15/64 | 10pcs |
| 1/4 | 6,350 | 101 | 63 | 120.1/4 | 10pcs |
| 17/64 | 6,747 | 109 | 69 | 120.17/64 | 10pcs |
| 9/32 | 7,144 | 109 | 69 | 120.9/32 | 10pcs |
| 19/64 | 7,541 | 117 | 75 | 120.19/64 | 10pcs |
| 5/16 | 7,938 | 117 | 75 | 120.5/16 | 10pcs |
| 21/64 | 8,334 | 117 | 75 | 120.21/64 | 10pcs |
| 11/32 | 8,731 | 125 | 81 | 120.11/32 | 10pcs |
| 23/64 | 9,128 | 125 | 81 | 120.23/64 | 10pcs |
| 3/8 | 9,525 | 133 | 87 | 120.3/8 | 10pcs |
| 25/64 | 9,922 | 133 | 87 | 120.25/64 | 10pcs |
| 13/32 | 10,319 | 133 | 87 | 120.13/32 | 5pcs |
| 27/64 | 10,716 | 142 | 94 | 120.27/64 | 5pcs |
| 7/16 | 11,113 | 142 | 94 | 120.7/16 | 5pcs |
| 29/64 | 11,509 | 142 | 94 | 120.29/64 | 5pcs |
| 15/32 | 11,906 | 151 | 101 | 120.15/32 | 5pcs |
| 31/64 | 12,303 | 151 | 101 | 120.31/64 | 5pcs |
| 1/2 | 12,700 | 151 | 101 | 120.1/2 | 5pcs |
| 5/8 | 15,875 | 178 | 120 | 120.5/8 | 5pcs |
| 3/4 | 19,050 | 198 | 135 | 120.3/4 | 5pcs |

HSS-G Spiralbohrer DIN 338, geschliffen

kurz, geschliffen, 135° Spitzenwinkel, > 3,0mm Kreuzanschliff
 HSS twist drills, DIN 338, short, fully ground, 135° point angle, > 3,0mm split point



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-----|---------|----------|-------------------------|-------|
| 0,3 | 19 | 3 | 130.003 | 10pcs |
| 0,4 | 20 | 5 | 130.004 | 10pcs |
| 0,5 | 22 | 6 | 130.005 | 10pcs |
| 0,6 | 24 | 7 | 130.006 | 10pcs |
| 0,7 | 28 | 9 | 130.007 | 10pcs |
| 0,8 | 30 | 10 | 130.008 | 10pcs |
| 0,9 | 32 | 11 | 130.009 | 10pcs |
| 1,0 | 34 | 12 | 130.010 | 10pcs |
| 1,1 | 36 | 14 | 130.011 | 10pcs |
| 1,2 | 38 | 16 | 130.012 | 10pcs |
| 1,3 | 38 | 16 | 130.013 | 10pcs |
| 1,4 | 40 | 18 | 130.014 | 10pcs |
| 1,5 | 40 | 18 | 130.015 | 10pcs |
| 1,6 | 43 | 20 | 130.016 | 10pcs |
| 1,7 | 43 | 20 | 130.017 | 10pcs |
| 1,8 | 46 | 22 | 130.018 | 10pcs |
| 1,9 | 46 | 22 | 130.019 | 10pcs |
| 2,0 | 49 | 24 | 130.020 | 10pcs |
| 2,1 | 49 | 24 | 130.021 | 10pcs |
| 2,2 | 53 | 27 | 130.022 | 10pcs |
| 2,3 | 53 | 27 | 130.023 | 10pcs |
| 2,4 | 57 | 30 | 130.024 | 10pcs |
| 2,5 | 57 | 30 | 130.025 | 10pcs |
| 2,6 | 57 | 30 | 130.026 | 10pcs |
| 2,7 | 61 | 33 | 130.027 | 10pcs |
| 2,8 | 61 | 33 | 130.028 | 10pcs |
| 2,9 | 61 | 33 | 130.029 | 10pcs |
| 3,0 | 61 | 33 | 130.030 | 10pcs |
| 3,1 | 65 | 36 | 130.031 | 10pcs |
| 3,2 | 65 | 36 | 130.032 | 10pcs |
| 3,3 | 65 | 36 | 130.033 | 10pcs |
| 3,4 | 70 | 39 | 130.034 | 10pcs |
| 3,5 | 70 | 39 | 130.035 | 10pcs |
| 3,6 | 70 | 39 | 130.036 | 10pcs |
| 3,7 | 70 | 39 | 130.037 | 10pcs |
| 3,8 | 75 | 43 | 130.038 | 10pcs |
| 3,9 | 75 | 43 | 130.039 | 10pcs |
| 4,0 | 75 | 43 | 130.040 | 10pcs |
| 4,1 | 75 | 43 | 130.041 | 10pcs |
| 4,2 | 75 | 43 | 130.042 | 10pcs |
| 4,3 | 80 | 47 | 130.043 | 10pcs |
| 4,4 | 80 | 47 | 130.044 | 10pcs |
| 4,5 | 80 | 47 | 130.045 | 10pcs |
| 4,6 | 80 | 47 | 130.046 | 10pcs |
| 4,7 | 80 | 52 | 130.047 | 10pcs |
| 4,8 | 86 | 52 | 130.048 | 10pcs |
| 4,9 | 86 | 52 | 130.049 | 10pcs |
| 5,0 | 86 | 52 | 130.050 | 10pcs |
| 5,1 | 86 | 52 | 130.051 | 10pcs |
| 5,2 | 86 | 52 | 130.052 | 10pcs |
| 5,3 | 86 | 52 | 130.053 | 10pcs |
| 5,4 | 93 | 57 | 130.054 | 10pcs |
| 5,5 | 93 | 57 | 130.055 | 10pcs |
| 5,6 | 93 | 57 | 130.056 | 10pcs |
| 5,7 | 93 | 57 | 130.057 | 10pcs |
| 5,8 | 93 | 57 | 130.058 | 10pcs |
| 5,9 | 93 | 57 | 130.059 | 10pcs |
| 6,0 | 93 | 63 | 130.060 | 10pcs |

| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|------|---------|----------|-------------------------|-------|
| 6,1 | 101 | 63 | 130.061 | 10pcs |
| 6,2 | 101 | 63 | 130.062 | 10pcs |
| 6,3 | 101 | 63 | 130.063 | 10pcs |
| 6,4 | 101 | 63 | 130.064 | 10pcs |
| 6,5 | 101 | 63 | 130.065 | 10pcs |
| 6,6 | 101 | 63 | 130.066 | 10pcs |
| 6,7 | 101 | 63 | 130.067 | 10pcs |
| 6,8 | 109 | 69 | 130.068 | 10pcs |
| 6,9 | 109 | 69 | 130.069 | 10pcs |
| 7,0 | 109 | 69 | 130.070 | 10pcs |
| 7,1 | 109 | 69 | 130.071 | 10pcs |
| 7,2 | 109 | 69 | 130.072 | 10pcs |
| 7,3 | 109 | 69 | 130.073 | 10pcs |
| 7,4 | 109 | 69 | 130.074 | 10pcs |
| 7,5 | 109 | 69 | 130.075 | 10pcs |
| 7,6 | 117 | 75 | 130.076 | 10pcs |
| 7,7 | 117 | 75 | 130.077 | 10pcs |
| 7,8 | 117 | 75 | 130.078 | 10pcs |
| 7,9 | 117 | 75 | 130.079 | 10pcs |
| 8,0 | 117 | 75 | 130.080 | 10pcs |
| 8,1 | 117 | 75 | 130.081 | 10pcs |
| 8,2 | 117 | 75 | 130.082 | 10pcs |
| 8,3 | 117 | 75 | 130.083 | 10pcs |
| 8,4 | 117 | 75 | 130.084 | 10pcs |
| 8,5 | 117 | 75 | 130.085 | 10pcs |
| 8,6 | 125 | 81 | 130.086 | 10pcs |
| 8,7 | 125 | 81 | 130.087 | 10pcs |
| 8,8 | 125 | 81 | 130.088 | 10pcs |
| 8,9 | 125 | 81 | 130.089 | 10pcs |
| 9,0 | 125 | 81 | 130.090 | 10pcs |
| 9,1 | 125 | 81 | 130.091 | 10pcs |
| 9,2 | 125 | 81 | 130.092 | 10pcs |
| 9,3 | 125 | 81 | 130.093 | 10pcs |
| 9,4 | 125 | 81 | 130.094 | 10pcs |
| 9,5 | 125 | 81 | 130.095 | 10pcs |
| 9,6 | 133 | 87 | 130.096 | 10pcs |
| 9,7 | 133 | 87 | 130.097 | 10pcs |
| 9,8 | 133 | 87 | 130.098 | 10pcs |
| 9,9 | 133 | 87 | 130.099 | 10pcs |
| 10,0 | 133 | 87 | 130.100 | 10pcs |
| 10,2 | 133 | 87 | 130.102 | 5pcs |
| 10,5 | 133 | 87 | 130.105 | 5pcs |
| 11,0 | 142 | 94 | 130.110 | 5pcs |
| 11,5 | 142 | 94 | 130.115 | 5pcs |
| 12,0 | 151 | 101 | 130.120 | 5pcs |
| 12,5 | 151 | 101 | 130.125 | 5pcs |
| 13,0 | 151 | 101 | 130.130 | 5pcs |
| 13,5 | 160 | 108 | 130.135 | 5pcs |
| 14,0 | 160 | 108 | 130.140 | 5pcs |
| 14,5 | 169 | 114 | 130.145 | 5pcs |
| 15,0 | 169 | 114 | 130.150 | 5pcs |
| 15,5 | 178 | 120 | 130.155 | 5pcs |
| 16,0 | 178 | 120 | 130.160 | 5pcs |

HSS-TiN Spiralbohrer DIN 338, geschliffen

kurz, geschliffen, Titan Nitriert, 135° Spitzenwinkel, > 3,0mm Kreuzanschliff
 HSS twist drills, DIN 338, TiN coated, short, fully ground, 135° point angle, > 3,0mm split point



| Ø | L mm | L1 mm | Art. Nr. Quick-Pack | VE |
|------|---------|----------|------------------------|-------|
| 1,0 | 34 | 12 | 140.010 | 10pcs |
| 1,5 | 40 | 18 | 140.015 | 10pcs |
| 2,0 | 49 | 24 | 140.020 | 10pcs |
| 2,5 | 57 | 30 | 140.025 | 10pcs |
| 3,0 | 61 | 33 | 140.030 | 10pcs |
| 3,1 | 65 | 36 | 140.031 | 10pcs |
| 3,2 | 65 | 36 | 140.032 | 10pcs |
| 3,3 | 65 | 36 | 140.033 | 10pcs |
| 3,5 | 70 | 39 | 140.035 | 10pcs |
| 4,0 | 75 | 43 | 140.040 | 10pcs |
| 4,1 | 75 | 43 | 140.041 | 10pcs |
| 4,2 | 75 | 43 | 140.042 | 10pcs |
| 4,5 | 80 | 47 | 140.045 | 10pcs |
| 4,8 | 86 | 52 | 140.048 | 10pcs |
| 5,0 | 86 | 52 | 140.050 | 10pcs |
| 5,2 | 86 | 52 | 140.052 | 10pcs |
| 5,5 | 93 | 57 | 140.055 | 10pcs |
| 6,0 | 93 | 57 | 140.060 | 10pcs |
| 6,2 | 101 | 63 | 140.062 | 10pcs |
| 6,5 | 101 | 63 | 140.065 | 10pcs |
| 6,8 | 109 | 69 | 140.068 | 10pcs |
| 7,0 | 109 | 69 | 140.070 | 10pcs |
| 7,5 | 109 | 69 | 140.075 | 10pcs |
| 8,0 | 117 | 75 | 140.080 | 10pcs |
| 8,5 | 117 | 75 | 140.085 | 10pcs |
| 9,0 | 125 | 81 | 140.090 | 10pcs |
| 9,5 | 125 | 81 | 140.095 | 10pcs |
| 10,0 | 133 | 87 | 140.100 | 10pcs |
| 10,2 | 133 | 87 | 140.102 | 5pcs |
| 10,5 | 133 | 87 | 140.105 | 5pcs |
| 11,0 | 142 | 94 | 140.110 | 5pcs |
| 11,5 | 142 | 94 | 140.115 | 5pcs |
| 12,0 | 151 | 101 | 140.120 | 5pcs |
| 12,5 | 151 | 101 | 140.125 | 5pcs |
| 13,0 | 151 | 101 | 140.130 | 5pcs |

HSS-E Spiralbohrer DIN 338, Co 5%, geschliffen

kurz, geschliffen, 135° Spitzenwinkel, > 3,0mm Kreuzanschliff, 5% kobalt legiert
 HSS DIN 338 5% cobalt alloyed, short, fully ground, 135° point angle, > 3,0mm split point,



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-----|------|-------|----------------------|-------|
| 1,0 | 34 | 12 | 150.010 | 10pcs |
| 1,1 | 36 | 14 | 150.011 | 10pcs |
| 1,2 | 38 | 16 | 150.012 | 10pcs |
| 1,3 | 38 | 16 | 150.013 | 10pcs |
| 1,4 | 40 | 18 | 150.014 | 10pcs |
| 1,5 | 40 | 18 | 150.015 | 10pcs |
| 1,6 | 43 | 20 | 150.016 | 10pcs |
| 1,7 | 43 | 20 | 150.017 | 10pcs |
| 1,8 | 46 | 22 | 150.018 | 10pcs |
| 1,9 | 46 | 22 | 150.019 | 10pcs |
| 2,0 | 49 | 24 | 150.020 | 10pcs |
| 2,1 | 49 | 24 | 150.021 | 10pcs |
| 2,2 | 53 | 27 | 150.022 | 10pcs |
| 2,3 | 53 | 27 | 150.023 | 10pcs |
| 2,4 | 57 | 30 | 150.024 | 10pcs |
| 2,5 | 57 | 30 | 150.025 | 10pcs |
| 2,6 | 57 | 30 | 150.026 | 10pcs |
| 2,7 | 61 | 33 | 150.027 | 10pcs |
| 2,8 | 61 | 33 | 150.028 | 10pcs |
| 2,9 | 61 | 33 | 150.029 | 10pcs |
| 3,0 | 61 | 33 | 150.030 | 10pcs |
| 3,1 | 65 | 36 | 150.031 | 10pcs |
| 3,2 | 65 | 36 | 150.032 | 10pcs |
| 3,3 | 65 | 36 | 150.033 | 10pcs |
| 3,4 | 70 | 39 | 150.034 | 10pcs |
| 3,5 | 70 | 39 | 150.035 | 10pcs |
| 3,6 | 70 | 39 | 150.036 | 10pcs |
| 3,7 | 70 | 39 | 150.037 | 10pcs |
| 3,8 | 75 | 43 | 150.038 | 10pcs |
| 3,9 | 75 | 43 | 150.039 | 10pcs |
| 4,0 | 75 | 43 | 150.040 | 10pcs |
| 4,1 | 75 | 43 | 150.041 | 10pcs |
| 4,2 | 75 | 43 | 150.042 | 10pcs |
| 4,3 | 80 | 47 | 150.043 | 10pcs |
| 4,4 | 80 | 47 | 150.044 | 10pcs |
| 4,5 | 80 | 47 | 150.045 | 10pcs |
| 4,6 | 80 | 47 | 150.046 | 10pcs |
| 4,7 | 80 | 52 | 150.047 | 10pcs |
| 4,8 | 86 | 52 | 150.048 | 10pcs |
| 4,9 | 86 | 52 | 150.049 | 10pcs |
| 5,0 | 86 | 52 | 150.050 | 10pcs |
| 5,1 | 86 | 52 | 150.051 | 10pcs |
| 5,2 | 86 | 52 | 150.052 | 10pcs |
| 5,3 | 86 | 52 | 150.053 | 10pcs |
| 5,4 | 93 | 57 | 150.054 | 10pcs |
| 5,5 | 93 | 57 | 150.055 | 10pcs |
| 5,6 | 93 | 57 | 150.056 | 10pcs |
| 5,7 | 93 | 57 | 150.057 | 10pcs |
| 5,8 | 93 | 57 | 150.058 | 10pcs |
| 5,9 | 93 | 57 | 150.059 | 10pcs |
| 6,0 | 93 | 63 | 150.060 | 10pcs |
| 6,1 | 101 | 63 | 150.061 | 10pcs |
| 6,2 | 101 | 63 | 150.062 | 10pcs |
| 6,3 | 101 | 63 | 150.063 | 10pcs |
| 6,4 | 101 | 63 | 150.064 | 10pcs |
| 6,5 | 101 | 63 | 150.065 | 10pcs |
| 6,6 | 101 | 63 | 150.066 | 10pcs |
| 6,7 | 101 | 63 | 150.067 | 10pcs |
| 6,8 | 109 | 69 | 150.068 | 10pcs |
| 6,9 | 109 | 69 | 150.069 | 10pcs |
| 7,0 | 109 | 69 | 150.070 | 10pcs |
| 7,1 | 109 | 69 | 150.071 | 10pcs |
| 7,2 | 109 | 69 | 150.072 | 10pcs |
| 7,3 | 109 | 69 | 150.073 | 10pcs |
| 7,4 | 109 | 69 | 150.074 | 10pcs |
| 7,5 | 109 | 69 | 150.075 | 10pcs |

| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|------|------|-------|----------------------|-------|
| 7,6 | 117 | 75 | 150.076 | 10pcs |
| 7,7 | 117 | 75 | 150.077 | 10pcs |
| 7,8 | 117 | 75 | 150.078 | 10pcs |
| 7,9 | 117 | 75 | 150.079 | 10pcs |
| 8,0 | 117 | 75 | 150.080 | 10pcs |
| 8,1 | 117 | 75 | 150.081 | 10pcs |
| 8,2 | 117 | 75 | 150.082 | 10pcs |
| 8,3 | 117 | 75 | 150.083 | 10pcs |
| 8,4 | 117 | 75 | 150.084 | 10pcs |
| 8,5 | 117 | 75 | 150.085 | 10pcs |
| 8,6 | 125 | 81 | 150.086 | 10pcs |
| 8,7 | 125 | 81 | 150.087 | 10pcs |
| 8,8 | 125 | 81 | 150.088 | 10pcs |
| 8,9 | 125 | 81 | 150.089 | 10pcs |
| 9,0 | 125 | 81 | 150.090 | 10pcs |
| 9,1 | 125 | 81 | 150.091 | 10pcs |
| 9,2 | 125 | 81 | 150.092 | 10pcs |
| 9,3 | 125 | 81 | 150.093 | 10pcs |
| 9,4 | 125 | 81 | 150.094 | 10pcs |
| 9,5 | 125 | 81 | 150.095 | 10pcs |
| 9,6 | 133 | 87 | 150.096 | 10pcs |
| 9,7 | 133 | 87 | 150.097 | 10pcs |
| 9,8 | 133 | 87 | 150.098 | 10pcs |
| 9,9 | 133 | 87 | 150.099 | 10pcs |
| 10,0 | 133 | 87 | 150.100 | 10pcs |
| 10,2 | 133 | 87 | 150.102 | 5pcs |
| 10,5 | 133 | 87 | 150.105 | 5pcs |
| 11,0 | 142 | 94 | 150.110 | 5pcs |
| 11,5 | 142 | 94 | 150.115 | 5pcs |
| 12,0 | 151 | 101 | 150.120 | 5pcs |
| 12,5 | 151 | 101 | 150.125 | 5pcs |
| 13,0 | 151 | 101 | 150.130 | 5pcs |

HSS-E Spiralbohrer DIN 338, Co 5%, geschliffen, red. Schaft



| Ø | L mm | L1 mm | Red. Ø | Art. Nr. Quick- Pack | Art. Nr. SB-Tasche | VE |
|------|------|-------|--------|----------------------|--------------------|------|
| 13,5 | 160 | 108 | 10 | 110Co.135 | 112Co.135 | 5pcs |
| 14,0 | 160 | 108 | 10 | 110Co.140 | 112Co.140 | 5pcs |
| 14,5 | 169 | 114 | 10 | 110Co.145 | 112Co.145 | 5pcs |
| 15,0 | 169 | 114 | 10 | 110Co.150 | 112Co.150 | 5pcs |
| 15,5 | 178 | 120 | 10 | 110Co.155 | 112Co.155 | 5pcs |
| 16,0 | 178 | 120 | 10 | 110Co.160 | 112Co.160 | 5pcs |
| 16,5 | 184 | 125 | 13 | 110Co.165 | 112Co.165 | 5pcs |
| 17,0 | 184 | 125 | 13 | 110Co.170 | 112Co.170 | 5pcs |
| 17,5 | 191 | 130 | 13 | 110Co.175 | 112Co.175 | 5pcs |
| 18,0 | 191 | 130 | 13 | 110Co.180 | 112Co.180 | 5pcs |
| 18,5 | 198 | 135 | 13 | 110Co.185 | 112Co.185 | 1pcs |
| 19,0 | 198 | 135 | 13 | 110Co.190 | 112Co.190 | 1pcs |
| 19,5 | 205 | 140 | 13 | 110Co.195 | 112Co.195 | 1pcs |
| 20,0 | 205 | 140 | 13 | 110Co.200 | 112Co.200 | 1pcs |
| 20,5 | 205 | 140 | 13 | 110Co.205 | 112Co.205 | 1pcs |
| 21,0 | 205 | 140 | 13 | 110Co.210 | 112Co.210 | 1pcs |
| 21,5 | 205 | 140 | 13 | 110Co.215 | 112Co.215 | 1pcs |
| 22,0 | 210 | 150 | 13 | 110Co.220 | 112Co.220 | 1pcs |
| 22,5 | 210 | 150 | 13 | 110Co.225 | 112Co.225 | 1pcs |
| 23,0 | 215 | 155 | 13 | 110Co.230 | 112Co.230 | 1pcs |
| 23,5 | 215 | 155 | 13 | 110Co.235 | 112Co.235 | 1pcs |
| 24,0 | 220 | 160 | 13 | 110Co.240 | 112Co.240 | 1pcs |
| 24,5 | 220 | 160 | 13 | 110Co.245 | 112Co.245 | 1pcs |
| 25,0 | 220 | 160 | 13 | 110Co.250 | 112Co.250 | 1pcs |

HSS Spiralbohrer DIN 340 rollgewalzt , 118° Spitzenwinkel

HSS twist drills DIN 340, roll forged, 118° point angle



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|------|---------|----------|-------------------------|-------|
| 2,0 | 85 | 56 | 160R.020 | 10pcs |
| 2,5 | 95 | 62 | 160R.025 | 10pcs |
| 3,0 | 100 | 66 | 160R.030 | 10pcs |
| 3,2 | 106 | 69 | 160R.032 | 10pcs |
| 3,3 | 106 | 69 | 160R.033 | 10pcs |
| 3,5 | 112 | 73 | 160R.035 | 10pcs |
| 4,0 | 119 | 78 | 160R.040 | 10pcs |
| 4,2 | 119 | 78 | 160R.042 | 10pcs |
| 4,5 | 126 | 82 | 160R.045 | 10pcs |
| 4,8 | 132 | 87 | 160R.048 | 10pcs |
| 5,0 | 132 | 87 | 160R.050 | 10pcs |
| 5,1 | 132 | 87 | 160R.051 | 10pcs |
| 5,2 | 132 | 87 | 160R.052 | 10pcs |
| 5,5 | 139 | 91 | 160R.055 | 10pcs |
| 6,0 | 139 | 91 | 160R.060 | 10pcs |
| 6,5 | 148 | 97 | 160R.065 | 10pcs |
| 6,8 | 156 | 102 | 160R.068 | 10pcs |
| 7,0 | 156 | 102 | 160R.070 | 10pcs |
| 7,5 | 156 | 102 | 160R.075 | 10pcs |
| 8,0 | 165 | 109 | 160R.080 | 10pcs |
| 8,5 | 165 | 109 | 160R.085 | 10pcs |
| 9,0 | 175 | 115 | 160R.090 | 10pcs |
| 9,5 | 175 | 115 | 160R.095 | 10pcs |
| 10,0 | 184 | 121 | 160R.100 | 10pcs |
| 10,2 | 184 | 121 | 160R.102 | 5pcs |
| 10,5 | 184 | 121 | 160R.105 | 5pcs |
| 11,0 | 195 | 128 | 160R.110 | 5pcs |
| 11,5 | 195 | 128 | 160R.115 | 5pcs |
| 12,0 | 205 | 134 | 160R.120 | 5pcs |
| 12,5 | 205 | 134 | 160R.125 | 5pcs |
| 13,0 | 205 | 134 | 160R.130 | 5pcs |

geschliffen, 135° Spitzenwinkel, >3,0mm Kreuzanschliff

HSS twist drills DIN 340, ground, 135°, > 3,0mm point angle



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|------|---------|----------|-------------------------|-------|
| 2,0 | 85 | 56 | 160.020 | 10pcs |
| 2,5 | 95 | 62 | 160.025 | 10pcs |
| 3,0 | 100 | 66 | 160.030 | 10pcs |
| 3,1 | 106 | 69 | 160.031 | 10pcs |
| 3,2 | 106 | 69 | 160.032 | 10pcs |
| 3,3 | 106 | 69 | 160.033 | 10pcs |
| 3,5 | 112 | 73 | 160.035 | 10pcs |
| 4,0 | 119 | 78 | 160.040 | 10pcs |
| 4,2 | 119 | 78 | 160.042 | 10pcs |
| 4,5 | 126 | 82 | 160.045 | 10pcs |
| 4,8 | 132 | 87 | 160.048 | 10pcs |
| 5,0 | 132 | 87 | 160.050 | 10pcs |
| 5,1 | 132 | 87 | 160.051 | 10pcs |
| 5,2 | 132 | 87 | 160.052 | 10pcs |
| 5,3 | 132 | 87 | 160.053 | 10pcs |
| 5,5 | 139 | 91 | 160.055 | 10pcs |
| 6,0 | 139 | 91 | 160.060 | 10pcs |
| 6,5 | 148 | 97 | 160.065 | 10pcs |
| 6,8 | 156 | 102 | 160.068 | 10pcs |
| 7,0 | 156 | 102 | 160.070 | 10pcs |
| 7,5 | 156 | 102 | 160.075 | 10pcs |
| 8,0 | 165 | 109 | 160.080 | 10pcs |
| 8,5 | 165 | 109 | 160.085 | 10pcs |
| 9,0 | 175 | 115 | 160.090 | 10pcs |
| 9,5 | 175 | 115 | 160.095 | 10pcs |
| 10,0 | 184 | 121 | 160.100 | 10pcs |
| 10,2 | 184 | 121 | 160.102 | 5pcs |
| 10,5 | 184 | 121 | 160.105 | 5pcs |
| 11,0 | 195 | 128 | 160.110 | 5pcs |
| 11,5 | 195 | 128 | 160.115 | 5pcs |
| 12,0 | 205 | 134 | 160.120 | 5pcs |
| 12,5 | 205 | 134 | 160.125 | 5pcs |
| 13,0 | 205 | 134 | 160.130 | 5pcs |

HSS- G Spiralbohrer DIN 1869, geschliffen

geschliffen, blank, 135° Spitzenwinkel, ab 3,0mm Kreuzanschliff
 HSS twist drills DIN 1869, ground, split point, 135° point angle



| Ø | L mm | L1 mm | Art. Nr. Serie 1 | VE |
|------|-------|-------|------------------|-------|
| 2,0 | 125mm | 85mm | 770-1.020 | 10pcs |
| 2,5 | 140mm | 95mm | 770-1.025 | 10pcs |
| 3,0 | 150mm | ##### | 770-1.030 | 10pcs |
| 3,2 | 155mm | ##### | 770-1.032 | 10pcs |
| 3,5 | 165mm | ##### | 770-1.035 | 10pcs |
| 4,0 | 175mm | ##### | 770-1.040 | 10pcs |
| 4,2 | 175mm | ##### | 770-1.042 | 10pcs |
| 4,5 | 182mm | ##### | 770-1.045 | 10pcs |
| 5,0 | 195mm | ##### | 770-1.050 | 10pcs |
| 5,2 | 195mm | ##### | 770-1.052 | 10pcs |
| 5,5 | 205mm | ##### | 770-1.055 | 10pcs |
| 6,0 | 205mm | ##### | 770-1.060 | 10pcs |
| 6,5 | 215mm | ##### | 770-1.065 | 10pcs |
| 7,0 | 225mm | ##### | 770-1.070 | 10pcs |
| 7,5 | 225mm | ##### | 770-1.075 | 10pcs |
| 8,0 | 240mm | ##### | 770-1.080 | 10pcs |
| 8,5 | 240mm | ##### | 770-1.085 | 10pcs |
| 9,0 | 250mm | ##### | 770-1.090 | 10pcs |
| 9,5 | 250mm | ##### | 770-1.095 | 10pcs |
| 10,0 | 265mm | ##### | 770-1.100 | 10pcs |
| 10,5 | 265mm | ##### | 770-1.105 | 5pcs |
| 11,0 | 280mm | ##### | 770-1.110 | 5pcs |
| 11,5 | 280mm | ##### | 770-1.115 | 5pcs |
| 12,0 | 295mm | ##### | 770-1.120 | 5pcs |
| 12,5 | 295mm | ##### | 770-1.125 | 5pcs |
| 13,0 | 295mm | ##### | 770-1.130 | 5pcs |

| Ø | L mm | L1 mm | Art. Nr. Serie 2 | VE |
|------|-------|-------|------------------|-------|
| 2,0 | 160mm | 110mm | 770-2.020 | 10pcs |
| 2,5 | 180mm | 120mm | 770-2.025 | 10pcs |
| 3,0 | 190mm | 130mm | 770-2.030 | 10pcs |
| 3,2 | 200mm | 135mm | 770-2.032 | 10pcs |
| 3,5 | 210mm | 145mm | 770-2.035 | 10pcs |
| 4,0 | 220mm | 150mm | 770-2.040 | 10pcs |
| 4,2 | 220mm | 150mm | 770-2.042 | 10pcs |
| 4,5 | 235mm | 160mm | 770-2.045 | 10pcs |
| 5,0 | 245mm | 170mm | 770-2.050 | 10pcs |
| 5,2 | 245mm | 170mm | 770-2.052 | 10pcs |
| 5,5 | 260mm | 180mm | 770-2.055 | 10pcs |
| 6,0 | 260mm | 180mm | 770-2.060 | 10pcs |
| 6,5 | 275mm | 190mm | 770-2.065 | 10pcs |
| 7,0 | 290mm | 200mm | 770-2.070 | 10pcs |
| 7,5 | 290mm | 200mm | 770-2.075 | 10pcs |
| 8,0 | 305mm | 210mm | 770-2.080 | 10pcs |
| 8,5 | 305mm | 210mm | 770-2.085 | 10pcs |
| 9,0 | 320mm | 220mm | 770-2.090 | 10pcs |
| 9,5 | 320mm | 220mm | 770-2.095 | 10pcs |
| 10,0 | 340mm | 235mm | 770-2.100 | 10pcs |
| 10,5 | 340mm | 235mm | 770-2.105 | 5pcs |
| 11,0 | 365mm | 250mm | 770-2.110 | 5pcs |
| 11,5 | 365mm | 250mm | 770-2.115 | 5pcs |
| 12,0 | 375mm | 260mm | 770-2.120 | 5pcs |
| 12,5 | 375mm | 260mm | 770-2.125 | 5pcs |
| 13,0 | 375mm | 260mm | 770-2.130 | 5pcs |

| Ø | L mm | L1 mm | Art. Nr. Serie 3 | VE |
|------|-------|-------|------------------|-------|
| 2,0 | 200mm | 110mm | 770-3.020 | 10pcs |
| 2,5 | 225mm | 120mm | 770-3.025 | 10pcs |
| 3,0 | 240mm | 160mm | 770-3.030 | 10pcs |
| 3,2 | 250mm | 170mm | 770-3.032 | 10pcs |
| 3,5 | 265mm | 180mm | 770-3.035 | 10pcs |
| 4,0 | 280mm | 190mm | 770-3.040 | 10pcs |
| 4,2 | 280mm | 190mm | 770-3.042 | 10pcs |
| 4,5 | 295mm | 200mm | 770-3.045 | 10pcs |
| 5,0 | 315mm | 210mm | 770-3.050 | 10pcs |
| 5,2 | 315mm | 210mm | 770-3.052 | 10pcs |
| 5,5 | 330mm | 225mm | 770-3.055 | 10pcs |
| 6,0 | 330mm | 225mm | 770-3.060 | 10pcs |
| 6,5 | 350mm | 235mm | 770-3.065 | 10pcs |
| 7,0 | 370mm | 250mm | 770-3.070 | 10pcs |
| 7,5 | 370mm | 250mm | 770-3.075 | 10pcs |
| 8,0 | 390mm | 265mm | 770-3.080 | 10pcs |
| 8,5 | 390mm | 265mm | 770-3.085 | 10pcs |
| 9,0 | 410mm | 280mm | 770-3.090 | 10pcs |
| 9,5 | 410mm | 280mm | 770-3.095 | 10pcs |
| 10,0 | 430mm | 295mm | 770-3.100 | 10pcs |
| 10,5 | 430mm | 295mm | 770-3.105 | 5pcs |
| 11,0 | 455mm | 310mm | 770-3.110 | 5pcs |
| 11,5 | 455mm | 310mm | 770-3.115 | 5pcs |
| 12,0 | 480mm | 330mm | 770-3.120 | 5pcs |
| 12,5 | 480mm | 330mm | 770-3.125 | 5pcs |
| 13,0 | 480mm | 330mm | 770-3.130 | 5pcs |

HSS Spiralbohrer DIN 345, rollgewalzt

Morsekegel- Schaft, 118° Spitzenwinkel
HSS DIN 345, morse taper shank, 118° point angle



| Ø | L mm | L1 mm | MK | Art. Nr. Quick-Pack | VE |
|------|---------|----------|----|------------------------|------|
| 5,0 | 133 | 52 | 1 | 170.050 | 1pcs |
| 5,5 | 138 | 57 | 1 | 170.055 | 1pcs |
| 6,0 | 138 | 57 | 1 | 170.060 | 1pcs |
| 6,5 | 144 | 63 | 1 | 170.065 | 1pcs |
| 7,0 | 150 | 69 | 1 | 170.070 | 1pcs |
| 7,5 | 150 | 69 | 1 | 170.075 | 1pcs |
| 8,0 | 156 | 75 | 1 | 170.080 | 1pcs |
| 8,5 | 156 | 75 | 1 | 170.085 | 1pcs |
| 9,0 | 162 | 81 | 1 | 170.090 | 1pcs |
| 9,5 | 162 | 87 | 1 | 170.095 | 1pcs |
| 10,0 | 168 | 87 | 1 | 170.100 | 1pcs |
| 10,2 | 168 | 87 | 1 | 170.102 | 1pcs |
| 10,5 | 168 | 87 | 1 | 170.105 | 1pcs |
| 11,0 | 175 | 94 | 1 | 170.110 | 1pcs |
| 11,5 | 175 | 94 | 1 | 170.115 | 1pcs |
| 12,0 | 182 | 101 | 1 | 170.120 | 1pcs |
| 12,5 | 182 | 101 | 1 | 170.125 | 1pcs |
| 13,0 | 182 | 101 | 1 | 170.130 | 1pcs |
| 13,5 | 189 | 108 | 1 | 170.135 | 1pcs |
| 14,0 | 189 | 108 | 1 | 170.140 | 1pcs |
| 14,5 | 212 | 114 | 2 | 170.145 | 1pcs |
| 15,0 | 212 | 114 | 2 | 170.150 | 1pcs |
| 15,5 | 218 | 120 | 2 | 170.155 | 1pcs |
| 16,0 | 218 | 120 | 2 | 170.160 | 1pcs |
| 16,5 | 223 | 125 | 2 | 170.165 | 1pcs |
| 17,0 | 223 | 125 | 2 | 170.170 | 1pcs |
| 17,5 | 228 | 130 | 2 | 170.175 | 1pcs |
| 18,0 | 228 | 130 | 2 | 170.180 | 1pcs |
| 18,5 | 233 | 135 | 2 | 170.185 | 1pcs |
| 19,0 | 233 | 135 | 2 | 170.190 | 1pcs |
| 19,5 | 238 | 140 | 2 | 170.195 | 1pcs |
| 20,0 | 238 | 140 | 2 | 170.200 | 1pcs |
| 20,5 | 243 | 145 | 2 | 170.205 | 1pcs |
| 21,0 | 243 | 145 | 2 | 170.210 | 1pcs |
| 21,5 | 248 | 150 | 2 | 170.215 | 1pcs |
| 22,0 | 248 | 150 | 2 | 170.220 | 1pcs |
| 22,5 | 253 | 155 | 2 | 170.225 | 1pcs |
| 23,0 | 253 | 155 | 2 | 170.230 | 1pcs |
| 23,5 | 276 | 155 | 3 | 170.235 | 1pcs |
| 24,0 | 281 | 160 | 3 | 170.240 | 1pcs |
| 24,5 | 281 | 160 | 3 | 170.245 | 1pcs |
| 25,0 | 281 | 160 | 3 | 170.250 | 1pcs |
| 25,5 | 286 | 165 | 3 | 170.255 | 1pcs |
| 26,0 | 286 | 165 | 3 | 170.260 | 1pcs |
| 26,5 | 286 | 165 | 3 | 170.265 | 1pcs |
| 27,0 | 291 | 170 | 3 | 170.270 | 1pcs |
| 27,5 | 291 | 170 | 3 | 170.275 | 1pcs |
| 28,0 | 291 | 170 | 3 | 170.280 | 1pcs |
| 28,5 | 296 | 175 | 3 | 170.285 | 1pcs |
| 29,0 | 296 | 175 | 3 | 170.290 | 1pcs |
| 29,5 | 296 | 175 | 3 | 170.295 | 1pcs |
| 30,0 | 296 | 175 | 3 | 170.300 | 1pcs |
| 30,5 | 301 | 180 | 3 | 170.305 | 1pcs |
| 31,0 | 301 | 180 | 3 | 170.310 | 1pcs |

| Ø | L mm | L1 mm | MK | Art. Nr. Quick-Pack | VE |
|------|---------|----------|----|------------------------|------|
| 31,5 | 301 | 185 | 3 | 170.315 | 1pcs |
| 32,0 | 334 | 185 | 4 | 170.320 | 1pcs |
| 32,5 | 334 | 185 | 4 | 170.325 | 1pcs |
| 33,0 | 334 | 185 | 4 | 170.330 | 1pcs |
| 33,5 | 334 | 185 | 4 | 170.335 | 1pcs |
| 34,0 | 339 | 190 | 4 | 170.340 | 1pcs |
| 34,5 | 339 | 190 | 4 | 170.345 | 1pcs |
| 35,0 | 339 | 190 | 4 | 170.350 | 1pcs |
| 35,5 | 339 | 190 | 4 | 170.355 | 1pcs |
| 36,0 | 344 | 195 | 4 | 170.360 | 1pcs |
| 36,5 | 344 | 195 | 4 | 170.365 | 1pcs |
| 37,0 | 344 | 195 | 4 | 170.370 | 1pcs |
| 37,5 | 344 | 195 | 4 | 170.375 | 1pcs |
| 38,0 | 349 | 200 | 4 | 170.380 | 1pcs |
| 38,5 | 349 | 200 | 4 | 170.385 | 1pcs |
| 39,0 | 349 | 200 | 4 | 170.390 | 1pcs |
| 39,5 | 349 | 200 | 4 | 170.395 | 1pcs |
| 40,0 | 349 | 200 | 4 | 170.400 | 1pcs |
| 40,5 | 354 | 205 | 4 | 170.405 | 1pcs |
| 41,0 | 354 | 205 | 4 | 170.410 | 1pcs |
| 41,5 | 354 | 205 | 4 | 170.415 | 1pcs |
| 42,0 | 354 | 205 | 4 | 170.420 | 1pcs |
| 42,5 | 354 | 205 | 4 | 170.425 | 1pcs |
| 43,0 | 359 | 210 | 4 | 170.430 | 1pcs |
| 44,0 | 359 | 210 | 4 | 170.440 | 1pcs |
| 45,0 | 359 | 210 | 4 | 170.450 | 1pcs |
| 46,0 | 364 | 215 | 4 | 170.460 | 1pcs |
| 47,0 | 364 | 215 | 4 | 170.470 | 1pcs |
| 48,0 | 369 | 220 | 4 | 170.480 | 1pcs |
| 48,5 | 369 | 220 | 4 | 170.485 | 1pcs |
| 49,0 | 369 | 220 | 4 | 170.490 | 1pcs |
| 50,0 | 369 | 220 | 4 | 170.500 | 1pcs |
| 55,0 | 417 | 230 | 5 | 170.550 | 1pcs |
| 60,0 | 422 | 235 | 5 | 170.600 | 1pcs |

Reduzierhülsen DIN 2185

Adapter for morse taper shank drill bits



| Ø | Art. Nr. Quick-Pack | VE |
|----------|------------------------|------|
| MK 2 - 1 | 170.MK2-1 | 1pcs |
| MK 3 - 1 | 170.MK3-1 | 1pcs |
| MK 3 - 2 | 170.MK3-2 | 1pcs |
| MK 4 - 1 | 170.MK4-1 | 1pcs |
| MK 4 - 2 | 170.MK4-2 | 1pcs |
| MK 4 - 3 | 170.MK4-3 | 1pcs |
| MK 5 - 3 | 170.MK5-3 | 1pcs |
| MK 5 - 4 | 170.MK5-4 | 1pcs |

HSS Spiralbohrer DIN 1897

geschliffen

geschliffen, ab 3,0mm 135° Spitzenwinkel
HSS DIN 1897, stub drills, ground 135°, > 3,0mm point angle



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-----|---------|----------|-------------------------|-------|
| 2,0 | 38 | 12 | 180.020 | 10pcs |
| 2,1 | 38 | 12 | 180.021 | 10pcs |
| 2,2 | 40 | 13 | 180.022 | 10pcs |
| 2,3 | 40 | 13 | 180.023 | 10pcs |
| 2,4 | 43 | 14 | 180.024 | 10pcs |
| 2,5 | 43 | 14 | 180.025 | 10pcs |
| 2,6 | 43 | 14 | 180.026 | 10pcs |
| 2,7 | 46 | 16 | 180.027 | 10pcs |
| 2,8 | 46 | 16 | 180.028 | 10pcs |
| 2,9 | 46 | 16 | 180.029 | 10pcs |
| 3,0 | 46 | 16 | 180.030 | 10pcs |
| 3,1 | 49 | 18 | 180.031 | 10pcs |
| 3,2 | 49 | 18 | 180.032 | 10pcs |
| 3,3 | 49 | 18 | 180.033 | 10pcs |
| 3,4 | 52 | 20 | 180.034 | 10pcs |
| 3,5 | 52 | 20 | 180.035 | 10pcs |
| 3,6 | 52 | 20 | 180.036 | 10pcs |
| 3,7 | 52 | 20 | 180.037 | 10pcs |
| 3,8 | 55 | 22 | 180.038 | 10pcs |
| 3,9 | 55 | 22 | 180.039 | 10pcs |
| 4,0 | 55 | 22 | 180.040 | 10pcs |
| 4,1 | 55 | 22 | 180.041 | 10pcs |
| 4,2 | 55 | 22 | 180.042 | 10pcs |
| 4,3 | 58 | 24 | 180.043 | 10pcs |
| 4,4 | 58 | 24 | 180.044 | 10pcs |
| 4,5 | 58 | 24 | 180.045 | 10pcs |
| 4,6 | 58 | 24 | 180.046 | 10pcs |
| 4,7 | 58 | 24 | 180.047 | 10pcs |
| 4,8 | 62 | 26 | 180.048 | 10pcs |
| 4,9 | 62 | 26 | 180.049 | 10pcs |
| 5,0 | 62 | 26 | 180.050 | 10pcs |
| 5,1 | 62 | 26 | 180.051 | 10pcs |
| 5,2 | 62 | 26 | 180.052 | 10pcs |
| 5,5 | 66 | 28 | 180.055 | 10pcs |
| 6,0 | 66 | 28 | 180.060 | 10pcs |
| 6,5 | 66 | 28 | 180.065 | 10pcs |
| 8,0 | 79 | 37 | 180.080 | 10pcs |

rollgewalzt

rollgewalzt, 118° Spitzenwinkel
HSS DIN 1897, stub drills, roll forged 118° point angle



| Ø | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-----|---------|----------|-------------------------|-------|
| 2,0 | 38 | 12 | 180R.020 | 10pcs |
| 2,1 | 38 | 12 | 180R.021 | 10pcs |
| 2,2 | 40 | 13 | 180R.022 | 10pcs |
| 2,3 | 40 | 13 | 180R.023 | 10pcs |
| 2,4 | 43 | 14 | 180R.024 | 10pcs |
| 2,5 | 43 | 14 | 180R.025 | 10pcs |
| 2,6 | 43 | 14 | 180R.026 | 10pcs |
| 2,7 | 46 | 16 | 180R.027 | 10pcs |
| 2,8 | 46 | 16 | 180R.028 | 10pcs |
| 2,9 | 46 | 16 | 180R.029 | 10pcs |
| 3,0 | 46 | 16 | 180R.030 | 10pcs |
| 3,1 | 49 | 18 | 180R.031 | 10pcs |
| 3,2 | 49 | 18 | 180R.032 | 10pcs |
| 3,3 | 49 | 18 | 180R.033 | 10pcs |
| 3,4 | 52 | 20 | 180R.034 | 10pcs |
| 3,5 | 52 | 20 | 180R.035 | 10pcs |
| 3,6 | 52 | 20 | 180R.036 | 10pcs |
| 3,7 | 52 | 20 | 180R.037 | 10pcs |
| 3,8 | 55 | 22 | 180R.038 | 10pcs |
| 3,9 | 55 | 22 | 180R.039 | 10pcs |
| 4,0 | 55 | 22 | 180R.040 | 10pcs |
| 4,1 | 55 | 22 | 180R.041 | 10pcs |
| 4,2 | 55 | 22 | 180R.042 | 10pcs |
| 4,3 | 58 | 24 | 180R.043 | 10pcs |
| 4,4 | 58 | 24 | 180R.044 | 10pcs |
| 4,5 | 58 | 24 | 180R.045 | 10pcs |
| 4,6 | 58 | 24 | 180R.046 | 10pcs |
| 4,7 | 58 | 24 | 180R.047 | 10pcs |
| 4,8 | 62 | 26 | 180R.048 | 10pcs |
| 4,9 | 62 | 26 | 180R.049 | 10pcs |
| 5,0 | 62 | 26 | 180R.050 | 10pcs |
| 5,1 | 62 | 26 | 180R.051 | 10pcs |
| 5,2 | 62 | 26 | 180R.052 | 10pcs |
| 5,5 | 66 | 28 | 180R.055 | 10pcs |
| 6,0 | 66 | 28 | 180R.060 | 10pcs |
| 8,0 | 79 | 37 | 180R.080 | 10pcs |

HSS- G Spiralbohrer Doppelend, geschliffen

geschliffen, 135° Spitzenwinkel, ab 3,0mm Kreuzanschliff
 HSS double end drills, fully ground, 135° point angle, split point



| \emptyset | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-------------|---------|----------|-------------------------|-------|
| 2,0 | 38 | 8 | 190.020 | 10pcs |
| 3,0 | 46 | 11 | 190.030 | 10pcs |
| 3,1 | 49 | 11 | 190.031 | 10pcs |
| 3,2 | 49 | 11 | 190.032 | 10pcs |
| 3,25 | 49 | 11 | 190.0325 | 10pcs |
| 3,3 | 49 | 11 | 190.033 | 10pcs |
| 3,5 | 52 | 14 | 190.035 | 10pcs |
| 4,0 | 55 | 14 | 190.040 | 10pcs |
| 4,1 | 55 | 14 | 190.041 | 10pcs |
| 4,2 | 55 | 14 | 190.042 | 10pcs |
| 4,5 | 58 | 17 | 190.045 | 10pcs |
| 4,8 | 62 | 17 | 190.048 | 10pcs |
| 4,9 | 62 | 17 | 190.049 | 10pcs |
| 5,0 | 62 | 17 | 190.050 | 10pcs |
| 5,1 | 62 | 17 | 190.051 | 10pcs |
| 5,2 | 62 | 17 | 190.052 | 10pcs |
| 5,5 | 66 | 19 | 190.055 | 10pcs |
| 6,0 | 66 | 19 | 190.060 | 10pcs |

HSS-G Zentrierbohrer DIN 333 A

geschliffen, 60° Zentrierwinkel, 120° Spitzenwinkel
 HSS center drill bits, 60° center square, 120° point angle



| \emptyset | L mm | L1 mm | Art. Nr. Quick- Pack | VE |
|-------------|---------|----------|-------------------------|------|
| 1,0 | 31 | 3 | 760.010 | 1pcs |
| 1,25 | 31 | 3 | 760.0125 | 1pcs |
| 1,6 | 35 | 4 | 760.016 | 1pcs |
| 2,0 | 40 | 5 | 760.020 | 1pcs |
| 2,5 | 45 | 6 | 760.025 | 1pcs |
| 3,15 | 50 | 8 | 760.0315 | 1pcs |
| 4,0 | 55 | 10 | 760.040 | 1pcs |
| 5,0 | 63 | 13 | 760.050 | 1pcs |
| 6,3 | 71 | 16 | 760.063 | 1pcs |

HSS Schweißpunktbohrer, geschliffen

geschliffen, Co 5%
 HSS-Co spot weld drill bit, Co 5%



| \emptyset | L mm | L1 mm | Art. Nr. HSS-Co |
|-------------|---------|----------|--------------------|
| 6,0 | 66 | 33 | 730Co.060 |
| 8,0 | 80 | 39 | 730Co.080 |
| 10,0 | 88 | 52 | 730Co.100 |

| Art. Nr. HSS-Co-TiN | VE |
|------------------------|------|
| 730CoTiN.060 | 1pcs |
| 730CoTiN.080 | 1pcs |
| 730CoTiN.100 | 1pcs |

Kegelsenker DIN 335 Form C, 90°

CBN geschliffen, HSS- **M2**, HSS- **TiN-M2**, HSS- **Co-M35**



| Ø | L mm | Ø Schaft | Art. Nr. | |
|------|---------|-------------|------------|--------|
| | | | HSS CBN | VE |
| 4,3 | 40 | 4 | 720CBN.043 | 1 pcs. |
| 5,0 | 40 | 4 | 720CBN.050 | 1 pcs. |
| 6,0 | 45 | 5 | 720CBN.060 | 1 pcs. |
| 6,3 | 45 | 5 | 720CBN.063 | 1 pcs. |
| 7,0 | 50 | 6 | 720CBN.070 | 1 pcs. |
| 8,0 | 50 | 6 | 720CBN.080 | 1 pcs. |
| 8,3 | 50 | 6 | 720CBN.083 | 1 pcs. |
| 10,0 | 50 | 6 | 720CBN.100 | 1 pcs. |
| 10,4 | 50 | 6 | 720CBN.104 | 1 pcs. |
| 11,5 | 56 | 8 | 720CBN.115 | 1 pcs. |
| 12,4 | 56 | 8 | 720CBN.124 | 1 pcs. |
| 15,0 | 60 | 10 | 720CBN.150 | 1 pcs. |
| 15,5 | 60 | 10 | 720CBN.155 | 1 pcs. |
| 16,5 | 60 | 10 | 720CBN.165 | 1 pcs. |
| 19,0 | 63 | 10 | 720CBN.190 | 1 pcs. |
| 20,5 | 63 | 10 | 720CBN.205 | 1 pcs. |
| 23,0 | 67 | 10 | 720CBN.230 | 1 pcs. |
| 25,0 | 67 | 10 | 720CBN.250 | 1 pcs. |
| 28,0 | 71 | 12 | 720CBN.280 | 1 pcs. |
| 30,0 | 71 | 12 | 720CBN.300 | 1 pcs. |
| 31,0 | 71 | 12 | 720CBN.310 | 1 pcs. |
| 40,0 | 80 | 15 | 720CBN.400 | 1 pcs. |

| Art. Nr. | | VE |
|---------------|--|--------|
| HSS CBN - TiN | | |
| 740CBN.043 | | 1 pcs. |
| 740CBN.050 | | 1 pcs. |
| 740CBN.060 | | 1 pcs. |
| 740CBN.063 | | 1 pcs. |
| 740CBN.070 | | 1 pcs. |
| 740CBN.080 | | 1 pcs. |
| 740CBN.083 | | 1 pcs. |
| 740CBN.100 | | 1 pcs. |
| 740CBN.104 | | 1 pcs. |
| 740CBN.115 | | 1 pcs. |
| 740CBN.124 | | 1 pcs. |
| 740CBN.150 | | 1 pcs. |
| 740CBN.155 | | 1 pcs. |
| 740CBN.165 | | 1 pcs. |
| 740CBN.190 | | 1 pcs. |
| 740CBN.205 | | 1 pcs. |
| 740CBN.230 | | 1 pcs. |
| 740CBN.250 | | 1 pcs. |
| 740CBN.280 | | 1 pcs. |
| 740CBN.300 | | 1 pcs. |
| 740CBN.310 | | 1 pcs. |
| 740CBN.400 | | 1 pcs. |

| Art. Nr. | | VE |
|--------------|--|--------|
| HSS CBN - Co | | |
| 750CBN.043 | | 1 pcs. |
| 750CBN.050 | | 1 pcs. |
| 750CBN.060 | | 1 pcs. |
| 750CBN.063 | | 1 pcs. |
| 750CBN.070 | | 1 pcs. |
| 750CBN.080 | | 1 pcs. |
| 750CBN.083 | | 1 pcs. |
| 750CBN.100 | | 1 pcs. |
| 750CBN.104 | | 1 pcs. |
| 750CBN.115 | | 1 pcs. |
| 750CBN.124 | | 1 pcs. |
| 750CBN.150 | | 1 pcs. |
| 750CBN.155 | | 1 pcs. |
| 750CBN.165 | | 1 pcs. |
| 750CBN.190 | | 1 pcs. |
| 750CBN.205 | | 1 pcs. |
| 750CBN.230 | | 1 pcs. |
| 750CBN.250 | | 1 pcs. |
| 750CBN.280 | | 1 pcs. |
| 750CBN.300 | | 1 pcs. |
| 750CBN.310 | | 1 pcs. |
| 750CBN.400 | | 1 pcs. |

Kegelsenker DIN 335 Form C, 90°

HSS, & HSS-Co standard



| Ø | Länge mm | Ø Schaft | Art. Nr. HSS | VE |
|------|-------------|-------------|-----------------|------|
| 6,3 | 45 | 5 | 720.063 | 1pcs |
| 8,3 | 50 | 6 | 720.083 | 1pcs |
| 10,4 | 50 | 6 | 720.104 | 1pcs |
| 12,4 | 56 | 8 | 720.124 | 1pcs |
| 16,5 | 60 | 10 | 720.165 | 1pcs |
| 20,5 | 63 | 10 | 720.205 | 1pcs |

| Art. Nr. | VE |
|-----------|------|
| HSS- Co | |
| 720Co.063 | 1pcs |
| 720Co.083 | 1pcs |
| 720Co.104 | 1pcs |
| 720Co.124 | 1pcs |
| 720Co.165 | 1pcs |
| 720Co.205 | 1pcs |

Kegelsenker 90°, Bit Schaft E6,3 - 1/4"

HSS, HSS- Co



| Ø | Länge mm | Ø Schaft | Art. Nr. HSS | VE |
|------|-------------|-------------|-----------------|------|
| 6,3 | 31 | E6,3 | 720B-E.063 | 1pcs |
| 8,3 | 31 | E6,3 | 720B-E.083 | 1pcs |
| 10,4 | 34 | E6,3 | 720B-E.104 | 1pcs |
| 12,4 | 35 | E6,3 | 720B-E.124 | 1pcs |
| 16,5 | 40 | E6,3 | 720B-E.165 | 1pcs |
| 20,5 | 40 | E6,3 | 720B-E.205 | 1pcs |

| Art. Nr. | VE |
|------------|------|
| HSS- Co | |
| 750B-E.063 | 1pcs |
| 750B-E.083 | 1pcs |
| 750B-E.104 | 1pcs |
| 750B-E.124 | 1pcs |
| 750B-E.165 | 1pcs |
| 750B-E.205 | 1pcs |

HSS M2 Stufenbohrer gerade genutet Kreuzanschliff nach DIN 1412C

HSS M2 step drills straight flute



geschliffen, HSS, HSS- Co

| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS |
|----------|----------|--------|----------|--------------|
| 4 - 12mm | 65 | 9 | 6 | 700.9412 |
| 4 - 20mm | 75 | 9 | 8 | 700.9420 |
| 6 - 30mm | 100 | 14 | 10 | 700.14630 |

| Art. Nr. HSS- Co | VE |
|------------------|------|
| 700Co.9412 | 1pcs |
| 700Co.9420 | 1pcs |
| 700Co.14630 | 1pcs |

CBN geschliffen, HSS, HSS- Co

| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS |
|----------|----------|--------|----------|--------------|
| 4 - 12mm | 65 | 9 | 6 | 70CBN.9-1 |
| 4 - 20mm | 75 | 9 | 8 | 70CBN.9-2 |
| 6 - 30mm | 100 | 13 | 10 | 70CBN.13-4 |

| Art. Nr. HSS- Co | VE |
|------------------|------|
| 70CBNCo.9-1 | 1pcs |
| 70CBNCo.9-2 | 1pcs |
| 70CBNCo.13-4 | 1pcs |

HSS M2 Stufenbohrer gerade genutet

CBN geschliffen, HSS, HSS- Co

HSS step drills straight flute



| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS |
|-----------|----------|--------|----------|--------------|
| 12 - 20mm | 66 | 9 | 6 | 700CBN.9-1 |
| 20 - 30mm | 78 | 11 | 10 | 700CBN.11-2 |
| 30 - 40mm | 78 | 11 | 10 | 700CBN.11-3 |

| Art. Nr. HSS- Co | VE |
|------------------|------|
| 700CBNCo.9-1 | 1pcs |
| 700CBNCo.11-2 | 1pcs |
| 700CBNCo.11-3 | 1pcs |

HSS M2 Stufenbohrer spiral genutet Kreuzanschliff nach DIN 1412C

HSS step drills straight flute



HSS geschliffen, HSS

| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS | VE |
|----------|----------|--------|----------|--------------|------|
| 4 - 12mm | 65 | 9 | 6 | 700-35.9412 | 1pcs |
| 4 - 20mm | 75 | 9 | 8 | 700-35.9420 | 1pcs |
| 6 - 30mm | 98 | 14 | 10 | 700-35.14630 | 1pcs |

HSS CBN geschliffen, HSS, HSS- Co

| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS |
|----------|----------|--------|----------|--------------|
| 4 - 12mm | 65 | 9 | 6 | 70CBN35.9-1 |
| 4 - 20mm | 75 | 9 | 8 | 70CBN35.9-2 |
| 6 - 30mm | 98 | 13 | 10 | 70CBN35.13-3 |
| 6 - 36mm | 100 | 11 | 10 | 70CBN35.11-4 |

| Art. Nr. HSS- Co | VE |
|------------------|------|
| 70CBNCo35.9-1 | 1pcs |
| 70CBNCo35.9-2 | 1pcs |
| 70CBNCo35.13-3 | 1pcs |
| 70CBNCo35.11-4 | 1pcs |

HSS Stufenbohrer spiral genutet mit Bit Schaft E6,3 - 1/4"

CBN geschliffen, Kreuzanschliff nach DIN 1412C, HSS, HSS- Co

HSS step drills straight flute



| Ø | Länge mm | Stufen | Ø Schaft | Art. Nr. HSS |
|----------|----------|--------|----------|--------------|
| 4 - 12mm | 65 | 9 | 6 | 700-35BE.2 |
| 4 - 20mm | 75 | 9 | 8 | 700-35BE.3 |
| 6 - 30mm | 98 | 13 | 10 | 700-35BE.5 |

| Art. Nr. HSS- Co | VE |
|------------------|------|
| 700Co35-BE.2 | 1pcs |
| 700Co35-BE.3 | 1pcs |
| 700Co35-BE.5 | 1pcs |

HSS M2 Kegelsenker mit Querloch 90°

HSS cross hole countersink 90°



| Ø | Länge mm | Ø Schaft | Art. Nr. QuickPack | VE |
|---------|-------------|-------------|-----------------------|------|
| 2- 5mm | 45 | 6 | 720Q.005 | 1pcs |
| 5-10mm | 48 | 8 | 720Q.010 | 1pcs |
| 10-15mm | 65 | 10 | 720Q.015 | 1pcs |
| 15-20mm | 85 | 12 | 720Q.020 | 1pcs |

HSS M2 Blechschälbohrer gerade genutet, Kreuzanschliff nach DIN 1412C

geschliffen, HSS, HSS- Co

HSS conical drills straight flute, split point



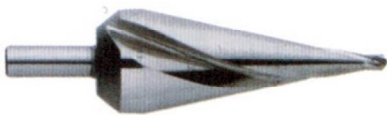
| Ø | Länge L mm | Ø Schaft | Art. Nr. HSS |
|-------------|---------------|-------------|-----------------|
| 3 - 14mm | 58 | 6 | 710.314 |
| 8 - 20mm | 71 | 8 | 710.820 |
| 16 - 30,5mm | 76 | 9 | 710.16305 |

| Art. Nr. HSS-Co | VE |
|--------------------|------|
| 710Co.314 | 1pcs |
| 710Co.820 | 1pcs |
| 710Co.16305 | 1pcs |

HSS Blechschälbohrer Spiral genutet, Kreuzanschliff nach DIN 1412C

geschliffen, HSS, HSS- Co

HSS conical drills spiral flute, split point



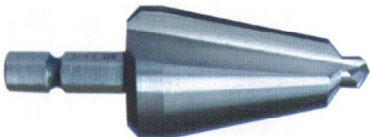
| Ø | Länge L mm | Ø Schaft | Art. Nr. HSS |
|-------------|---------------|-------------|-----------------|
| 3 - 14mm | 58 | 6 | 710-35.1 |
| 8 - 20mm | 71 | 8 | 710-35.2 |
| 16 - 30,5mm | 76 | 9 | 710-35.5 |

| Art. Nr. HSS-Co | VE |
|--------------------|------|
| 710Co35.1 | 1pcs |
| 710Co35.2 | 1pcs |
| 710Co35.5 | 1pcs |

HSS Blechschälbohrer gerade genutet mit Bit Schaft E6,3 - 1/4"

geschliffen, Kreuzanschliff nach DIN 1412C, HSS, HSS- Co

HSS conical drills spiral flute, split point



| Ø | Länge L mm | Ø Schaft | Art. Nr. HSS |
|-------------|---------------|-------------|-----------------|
| 3 - 14mm | 58 | 6 | 710B-E.1 |
| 8 - 20mm | 71 | 8 | 710B-E.2 |
| 16 - 30,5mm | 76 | 9 | 710B-E.6 |

| Art. Nr. HSS-Co | VE |
|--------------------|------|
| 710CoB-E.1 | 1pcs |
| 710CoB-E.2 | 1pcs |
| 710CoB-E.6 | 1pcs |

Steinbohrer nach DIN 8039

Gewalzte Ausführung, verzinkt, hartmetallbestückt, 116° Spitzenwinkel
 Masonry drill bits, rolled type, galvanised, carbide tipped, 116° point angle



| Ø | Länge length | Art. Nr. PVC Tasche | Art. Nr. SB-Tasche/DIY | VE |
|------|-----------------|------------------------|---------------------------|-------|
| 3,0 | 60 | 200.0030 | 202.0030 | 10pcs |
| 4,0 | 75 | 200.0040 | 202.0040 | 10pcs |
| 4,5 | 75 | 200.0045 | 202.0045 | 10pcs |
| 5,0 | 85 | 200.0050 | 202.0050 | 10pcs |
| 5,5 | 85 | 200.0055 | 202.0055 | 10pcs |
| 6,0 | 100 | 200.0060 | 202.0060 | 10pcs |
| 6,5 | 100 | 200.0065 | 202.0065 | 10pcs |
| 7,0 | 100 | 200.0070 | 202.0070 | 10pcs |
| 8,0 | 120 | 200.0080 | 202.0080 | 10pcs |
| 9,0 | 120 | 200.0090 | 202.0090 | 10pcs |
| 10,0 | 120 | 200.0100 | 202.0100 | 10pcs |

| | | | | |
|------|-----|----------|----------|------|
| 11,0 | 150 | 200.1110 | 202.1110 | 5pcs |
| 12,0 | 150 | 200.1120 | 202.1120 | 5pcs |
| 13,0 | 150 | 200.1130 | 202.1130 | 5pcs |
| 14,0 | 150 | 200.1140 | 202.1140 | 5pcs |
| 16,0 | 160 | 200.1160 | 202.1160 | 5pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 5,0 | 200 | 200.2050 | 202.2050 | 10pcs |
| 6,0 | 200 | 200.2060 | 202.2060 | 10pcs |
| 8,0 | 200 | 200.2080 | 202.2080 | 10pcs |
| 10,0 | 200 | 200.2100 | 202.2100 | 10pcs |
| 12,0 | 200 | 200.2120 | 202.2120 | 5pcs |
| 14,0 | 200 | 200.2140 | 202.2140 | 5pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 6,0 | 400 | 200.4060 | 202.4060 | 10pcs |
| 8,0 | 400 | 200.4080 | 202.4080 | 10pcs |
| 10,0 | 400 | 200.4100 | 202.4100 | 10pcs |
| 12,0 | 400 | 200.4120 | 202.4120 | 5pcs |
| 13,0 | 400 | 200.4130 | 202.4130 | 5pcs |
| 14,0 | 400 | 200.4140 | 202.4140 | 5pcs |
| 16,0 | 400 | 200.4160 | 202.4160 | 5pcs |
| 18,0 | 400 | 200.4180 | 202.4180 | 5pcs |
| 20,0 | 400 | 200.4200 | 202.4200 | 5pcs |
| 22,0 | 400 | 200.4220 | 202.4220 | 5pcs |
| 25,0 | 400 | 200.4250 | 202.4250 | 5pcs |

Betonbohrer nach DIN 8039

Gefräste Ausführung, hartmetallbestückt, 130° Spitzenwinkel
Concrete drill bits, Milled type, carbide tipped, 130° point angle



| Ø | Länge length | Art. Nr. PVC Tasche | Art. Nr. SB-Tasche/DIY | VE |
|------|-----------------|------------------------|---------------------------|-------|
| 3,0 | 60 | 210.0030 | 212.0030 | 10pcs |
| 4,0 | 75 | 210.0040 | 212.0040 | 10pcs |
| 5,0 | 85 | 210.0050 | 212.0050 | 10pcs |
| 6,0 | 100 | 210.0060 | 212.0060 | 10pcs |
| 7,0 | 100 | 210.0070 | 212.0070 | 10pcs |
| 8,0 | 120 | 210.0080 | 212.0080 | 10pcs |
| 9,0 | 120 | 210.0090 | 212.0090 | 10pcs |
| 10,0 | 120 | 210.0100 | 212.0100 | 10pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 4,0 | 150 | 210.1040 | 212.1040 | 10pcs |
| 5,0 | 150 | 210.1050 | 212.1050 | 10pcs |
| 6,0 | 150 | 210.1060 | 212.1060 | 10pcs |
| 7,0 | 150 | 210.1070 | 212.1070 | 10pcs |
| 8,0 | 150 | 210.1080 | 212.1080 | 10pcs |
| 10,0 | 150 | 210.1100 | 212.1100 | 10pcs |
| 12,0 | 150 | 210.1120 | 212.1120 | 5pcs |
| 14,0 | 150 | 210.1140 | 212.1140 | 5pcs |
| 16,0 | 150 | 210.1160 | 212.1160 | 5pcs |
| 18,0 | 150 | 210.1180 | 212.1180 | 5pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 6,0 | 200 | 210.2060 | 212.2060 | 10pcs |
| 8,0 | 200 | 210.2080 | 212.2080 | 10pcs |
| 10,0 | 200 | 210.2100 | 212.2100 | 10pcs |
| 12,0 | 200 | 210.2120 | 212.2120 | 5pcs |
| 14,0 | 200 | 210.2140 | 212.2140 | 5pcs |

Granitbohrer

Gefräste Ausführung, kugelgestrahlt, hartmetallbestückt, 130° Spitzenwinkel
Granite drill bits, Milled type, shot-blasted, carbide tipped, 130° point angle



| Ø | Länge length | Art. Nr. PVC Tasche | Art. Nr. SB-Tasche/DIY | VE |
|------|-----------------|------------------------|---------------------------|-------|
| 3,0 | 60 | 220.0030 | 222.0030 | 10pcs |
| 4,0 | 75 | 220.0040 | 222.0040 | 10pcs |
| 5,0 | 85 | 220.0050 | 222.0050 | 10pcs |
| 6,0 | 100 | 220.0060 | 222.0060 | 10pcs |
| 7,0 | 100 | 220.0070 | 222.0070 | 10pcs |
| 8,0 | 120 | 220.0080 | 222.0080 | 10pcs |
| 9,0 | 120 | 220.0090 | 222.0090 | 10pcs |
| 10,0 | 120 | 220.0100 | 222.0100 | 10pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 5,0 | 150 | 220.1050 | 222.1050 | 10pcs |
| 6,0 | 150 | 220.1060 | 222.1060 | 10pcs |
| 8,0 | 150 | 220.1080 | 222.1080 | 10pcs |
| 10,0 | 150 | 220.1100 | 222.1100 | 10pcs |
| 11,0 | 150 | 220.1110 | 222.1110 | 5pcs |
| 12,0 | 150 | 220.1120 | 222.1120 | 5pcs |
| 14,0 | 150 | 220.1140 | 222.1140 | 5pcs |
| 16,0 | 160 | 220.1160 | 222.1160 | 5pcs |
| 18,0 | 160 | 220.1180 | 222.1180 | 5pcs |

| | | | | |
|------|-----|----------|----------|-------|
| 6,0 | 200 | 220.2060 | 222.2060 | 10pcs |
| 8,0 | 200 | 220.2080 | 222.2080 | 10pcs |
| 10,0 | 200 | 220.2100 | 222.2100 | 10pcs |
| 12,0 | 200 | 220.2120 | 222.2120 | 5pcs |
| 14,0 | 200 | 220.2140 | 222.2140 | 5pcs |

Hammerbohrer für SDS-plus

Gefräste Ausführung, hartmetallbestückt, 130° Spitzenwinkel
 Hammer drill bits for SDS-plus, milled type, carbide tipped, 130° point angle



| Ø | Länge/length | | Art. Nr. SB-Tasche/DIY | VE |
|------|--------------|-----|---------------------------|------|
| | L | L1 | | |
| 4,0 | 110 | 50 | 230.04110 | 1pcs |
| 5,0 | 110 | 50 | 230.05110 | 1pcs |
| 5,0 | 160 | 100 | 230.05160 | 1pcs |
| 5,5 | 110 | 50 | 230.055110 | 1pcs |
| 5,5 | 160 | 100 | 230.055160 | 1pcs |
| 5,5 | 210 | 150 | 230.055210 | 1pcs |
| 5,5 | 260 | 200 | 230.055260 | 1pcs |
| 6,0 | 110 | 50 | 230.06110 | 1pcs |
| 6,0 | 160 | 100 | 230.06160 | 1pcs |
| 6,0 | 210 | 150 | 230.06210 | 1pcs |
| 6,0 | 260 | 200 | 230.06260 | 1pcs |
| 6,0 | 310 | 250 | 230.06310 | 1pcs |
| 6,5 | 110 | 50 | 230.065110 | 1pcs |
| 6,5 | 160 | 100 | 230.065160 | 1pcs |
| 6,5 | 210 | 150 | 230.065210 | 1pcs |
| 6,5 | 260 | 200 | 230.065260 | 1pcs |
| 6,5 | 310 | 250 | 230.065310 | 1pcs |
| 7,0 | 110 | 50 | 230.07110 | 1pcs |
| 7,0 | 160 | 100 | 230.07160 | 1pcs |
| 7,0 | 210 | 150 | 230.07210 | 1pcs |
| 7,0 | 260 | 200 | 230.07260 | 1pcs |
| 8,0 | 110 | 50 | 230.08110 | 1pcs |
| 8,0 | 160 | 100 | 230.08160 | 1pcs |
| 8,0 | 210 | 150 | 230.08210 | 1pcs |
| 8,0 | 260 | 200 | 230.08260 | 1pcs |
| 8,0 | 310 | 250 | 230.08310 | 1pcs |
| 8,0 | 410 | 350 | 230.08410 | 1pcs |
| 8,0 | 460 | 400 | 230.08460 | 1pcs |
| 8,0 | 600 | 540 | 230.08600 | 1pcs |
| 9,0 | 160 | 100 | 230.09160 | 1pcs |
| 9,0 | 210 | 150 | 230.09210 | 1pcs |
| 9,0 | 310 | 250 | 230.09310 | 1pcs |
| 10,0 | 110 | 50 | 230.10110 | 1pcs |
| 10,0 | 160 | 100 | 230.10160 | 1pcs |
| 10,0 | 210 | 150 | 230.10210 | 1pcs |
| 10,0 | 260 | 200 | 230.10260 | 1pcs |
| 10,0 | 310 | 250 | 230.10310 | 1pcs |
| 10,0 | 410 | 350 | 230.10410 | 1pcs |
| 10,0 | 450 | 390 | 230.10450 | 1pcs |
| 10,0 | 600 | 540 | 230.10600 | 1pcs |
| 10,0 | 1000 | 940 | 230.101000 | 1pcs |
| 11,0 | 310 | 250 | 230.11310 | 1pcs |
| 12,0 | 160 | 100 | 230.12160 | 1pcs |
| 12,0 | 210 | 150 | 230.12210 | 1pcs |
| 12,0 | 260 | 200 | 230.12260 | 1pcs |
| 12,0 | 310 | 250 | 230.12310 | 1pcs |
| 12,0 | 450 | 390 | 230.12450 | 1pcs |
| 12,0 | 600 | 540 | 230.12600 | 1pcs |
| 12,0 | 1000 | 940 | 230.121000 | 1pcs |
| 13,0 | 160 | 100 | 230.13160 | 1pcs |
| 13,0 | 210 | 150 | 230.13210 | 1pcs |
| 13,0 | 310 | 250 | 230.13310 | 1pcs |
| 13,0 | 410 | 350 | 230.13410 | 1pcs |
| 13,0 | 600 | 540 | 230.13600 | 1pcs |
| 14,0 | 160 | 100 | 230.14160 | 1pcs |
| 14,0 | 210 | 150 | 230.14210 | 1pcs |
| 14,0 | 260 | 200 | 230.14260 | 1pcs |
| 14,0 | 310 | 250 | 230.14310 | 1pcs |
| 14,0 | 410 | 350 | 230.14410 | 1pcs |
| 14,0 | 450 | 390 | 230.14450 | 1pcs |
| 14,0 | 600 | 540 | 230.14600 | 1pcs |
| 14,0 | 1000 | 940 | 230.141000 | 1pcs |

Hammerbohrer in RoseBox

| Art. Nr. | Inhalt / content | VE |
|----------|--|------|
| 23R.007 | 7pcs Hammerbohrer f. SDS-plus Ø 5,0 - 6,0 - 8,0 x110mm Ø 6,0 - 8,0 - 10,0 - 12,0 x110mm | 1pcs |
| 26R.007 | 7pcs Hammerbohrer f. SDS-plus PGM Ø 5,0 - 6,0 - 8,0 x110mm Ø 6,0 - 8,0 - 10,0 - 12,0 x110mm | 1pcs |



Hammerbohrer in Kunststoffkassette

| Art. Nr. | Inhalt / content | VE |
|----------|---|------|
| 237.005 | 5pcs Hammerbohrer für SDS-plus Ø 5,0 - 6,0 x 110mm Ø 6,0 - 8,0 - 10,0 x 160mm | 1pcs |



Hammerbohrer für SDS-plus


Gefräste Ausführung, hartmetallbestückt, 130° Spitzenwinkel
 Hammer drill bits for SDS-plus, milled type, carbide tipped, 130° point angle


| Ø | Länge/length | | Art. Nr. SB-Tasche/DIY | VE |
|------|--------------|-----|---------------------------|------|
| | L | L1 | | |
| 15,0 | 160 | 100 | 230.15160 | 1pcs |
| 15,0 | 460 | 400 | 230.15460 | 1pcs |
| 16,0 | 160 | 100 | 230.16160 | 1pcs |
| 16,0 | 210 | 150 | 230.16210 | 1pcs |
| 16,0 | 260 | 200 | 230.16260 | 1pcs |
| 16,0 | 310 | 250 | 230.16310 | 1pcs |
| 16,0 | 410 | 350 | 230.16410 | 1pcs |
| 16,0 | 450 | 390 | 230.16450 | 1pcs |
| 16,0 | 600 | 540 | 230.16600 | 1pcs |
| 16,0 | 1000 | 940 | 230.161000 | 1pcs |
| 18,0 | 160 | 100 | 230.18160 | 1pcs |
| 18,0 | 210 | 150 | 230.18210 | 1pcs |
| 18,0 | 260 | 200 | 230.18260 | 1pcs |
| 18,0 | 310 | 250 | 230.18310 | 1pcs |
| 18,0 | 450 | 390 | 230.18450 | 1pcs |
| 18,0 | 600 | 540 | 230.18600 | 1pcs |
| 18,0 | 1000 | 940 | 230.181000 | 1pcs |
| 20,0 | 200 | 140 | 230.20200 | 1pcs |
| 20,0 | 260 | 200 | 230.20260 | 1pcs |
| 20,0 | 300 | 240 | 230.20300 | 1pcs |
| 20,0 | 450 | 390 | 230.20450 | 1pcs |
| 20,0 | 600 | 540 | 230.20600 | 1pcs |
| 20,0 | 1000 | 940 | 230.201000 | 1pcs |
| 22,0 | 210 | 150 | 230.22210 | 1pcs |
| 22,0 | 250 | 190 | 230.22250 | 1pcs |
| 22,0 | 450 | 390 | 230.22450 | 1pcs |
| 24,0 | 250 | 190 | 230.24250 | 1pcs |
| 24,0 | 450 | 390 | 230.24450 | 1pcs |
| 25,0 | 450 | 390 | 230.25450 | 1pcs |
| 26,0 | 450 | 390 | 230.26450 | 1pcs |
| 30,0 | 160 | 100 | 230.30160 | 1pcs |
| 30,0 | 260 | 200 | 230.30260 | 1pcs |
| 30,0 | 450 | 390 | 230.30450 | 1pcs |
| 30,0 | 600 | 540 | 230.30600 | 1pcs |

Meißel für SDS-plus

Spitz-, Flach-, Spat-, Hohlkehlmeißel, kugelgestrahlt
 Chisel for SDS-plus, point, flat, spade, pipe, shot-blasted

| Ø | Länge length | Art. Nr. | VE |
|----|-----------------|-----------|------|
| * | 250 | 240.01250 | 1pcs |
| 20 | 250 | 240.20250 | 1pcs |
| 40 | 250 | 240.40250 | 1pcs |
| 20 | 250 | 240.10250 | 1pcs |

| Art. Nr. | Inhalt / content | VE |
|----------|--|------|
| 245.003 | 3pcs Meißel-Satz im Quick- Pack  Spitzmeißel, 250 x 193mm Flachmeißel, 20 x 250 x 193mm Spatmeißel, 40 x 250 x 193mm | 1pcs |

| Art. Nr. | Inhalt / content | VE |
|----------|--|------|
| 245.004 | 4pcs Meißel-Satz im Quick- Pack  Spitzmeißel, 250 x 193mm Flachmeißel, 20 x 250 x 193mm Spatmeißel, 40 x 250 x 193mm Hohlkehlmeißel, 22 x 250 x 193mm | 1pcs |



Hammerbohrer für SDS-plus PGM



PGM Zertifiziert, Industrielle Ausführung, Hartmetallschneide, 130° Spitzenwinkel, sandgestrahlt
Einteilige Hartmetallschneide ermöglicht höchste Drehzahl bei reduziertem Verschleiß.
Spirale Typ M sorgt für größtmöglichen Bohrmehltransport bei minimaler Abnutzung



| Ø | Länge/length | | Art. Nr. SB-Tasche/DIY | VE |
|------|--------------|-----|---------------------------|------|
| | L | L1 | | |
| 5,0 | 110 | 50 | 260.05110 | 1pcs |
| 5,0 | 160 | 100 | 260.05160 | 1pcs |
| 6,0 | 110 | 50 | 260.06110 | 1pcs |
| 6,0 | 160 | 100 | 260.06160 | 1pcs |
| 6,0 | 210 | 150 | 260.06210 | 1pcs |
| 6,0 | 260 | 200 | 260.06260 | 1pcs |
| 8,0 | 110 | 50 | 260.08110 | 1pcs |
| 8,0 | 160 | 100 | 260.08160 | 1pcs |
| 8,0 | 210 | 150 | 260.08210 | 1pcs |
| 8,0 | 310 | 250 | 260.08310 | 1pcs |
| 8,0 | 410 | 350 | 260.08410 | 1pcs |
| 8,0 | 600 | 540 | 260.08600 | 1pcs |
| 10,0 | 110 | 50 | 260.10110 | 1pcs |
| 10,0 | 160 | 100 | 260.10160 | 1pcs |
| 10,0 | 310 | 250 | 260.10310 | 1pcs |
| 10,0 | 410 | 350 | 260.10410 | 1pcs |
| 10,0 | 450 | 400 | 260.10460 | 1pcs |
| 10,0 | 600 | 540 | 260.10600 | 1pcs |
| 10,0 | 1000 | 940 | 260.101000 | 1pcs |
| 12,0 | 160 | 100 | 260.12160 | 1pcs |
| 12,0 | 310 | 250 | 260.12310 | 1pcs |
| 12,0 | 450 | 400 | 260.12460 | 1pcs |
| 12,0 | 600 | 540 | 260.12600 | 1pcs |
| 12,0 | 1000 | 940 | 260.121000 | 1pcs |
| 14,0 | 160 | 100 | 260.14160 | 1pcs |
| 14,0 | 310 | 250 | 260.14310 | 1pcs |
| 14,0 | 410 | 350 | 260.14410 | 1pcs |
| 14,0 | 600 | 540 | 260.14600 | 1pcs |
| 14,0 | 1000 | 940 | 260.141000 | 1pcs |
| 16,0 | 160 | 100 | 260.16160 | 1pcs |
| 16,0 | 310 | 250 | 260.16310 | 1pcs |
| 16,0 | 410 | 350 | 260.16410 | 1pcs |
| 16,0 | 600 | 540 | 260.16600 | 1pcs |
| 16,0 | 1000 | 940 | 260.161000 | 1pcs |
| 18,0 | 160 | 100 | 260.18160 | 1pcs |
| 18,0 | 600 | 540 | 260.18600 | 1pcs |
| 18,0 | 1000 | 940 | 260.181000 | 1pcs |
| 20,0 | 260 | 200 | 260.20260 | 1pcs |
| 20,0 | 600 | 540 | 260.20600 | 1pcs |
| 20,0 | 1000 | 940 | 260.201000 | 1pcs |
| 22,0 | 450 | 400 | 260.22460 | 1pcs |
| 24,0 | 450 | 400 | 260.24460 | 1pcs |
| 25,0 | 450 | 400 | 260.25460 | 1pcs |
| 30,0 | 260 | 200 | 260.30260 | 1pcs |
| 30,0 | 450 | 400 | 260.30460 | 1pcs |
| 30,0 | 600 | 540 | 260.30600 | 1pcs |



Holzspiralbohrer , geschliffen

Geschliffen mit Schulerschneiden
Wood twist drill bits, ground with side cutters

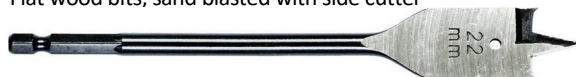


| Ø | Länge length | Art. Nr. PVC Tasche | Art. Nr. SB-Tasche/DIY | VE |
|------|-----------------|------------------------|---------------------------|-------|
| 3,0 | 60 | 360.1030 | 362.1030 | 10pcs |
| 4,0 | 75 | 360.1040 | 362.1040 | 10pcs |
| 5,0 | 85 | 360.1050 | 362.1050 | 10pcs |
| 6,0 | 90 | 360.1060 | 362.1060 | 10pcs |
| 7,0 | 105 | 360.1070 | 362.1070 | 10pcs |
| 8,0 | 115 | 360.1080 | 362.1080 | 10pcs |
| 9,0 | 120 | 360.1090 | 362.1090 | 10pcs |
| 10,0 | 120 | 360.1100 | 362.1100 | 10pcs |
| 11,0 | 150 | 360.1110 | 362.1110 | 5pcs |
| 12,0 | 150 | 360.1120 | 362.1120 | 5pcs |
| 13,0 | 150 | 360.1130 | 362.1130 | 5pcs |
| 14,0 | 150 | 360.1140 | 362.1140 | 5pcs |
| 15,0 | 160 | 360.1150 | 362.1150 | 5pcs |
| 16,0 | 160 | 360.1160 | 362.1160 | 5pcs |
| 18,0 | 160 | 360.1180 | 362.1180 | 5pcs |
| 20,0 | 160 | 360.1200 | 362.1200 | 5pcs |

| Ø | Länge length | Art. Nr. PVC Tasche | Art. Nr. Röhrchen / Tube | VE |
|------|-----------------|------------------------|-----------------------------|-------|
| 6,0 | 250 | 360.2060 | 364.2060 | 10pcs |
| 8,0 | 250 | 360.2080 | 364.2080 | 10pcs |
| 10,0 | 250 | 360.2100 | 364.2100 | 10pcs |
| 12,0 | 250 | 360.2120 | 364.2120 | 5pcs |
| 14,0 | 250 | 360.2140 | 364.2140 | 5pcs |
| 16,0 | 250 | 360.2160 | 364.2160 | 5pcs |
| 18,0 | 250 | 360.2180 | 364.2180 | 5pcs |
| 20,0 | 250 | 360.2200 | 364.2200 | 5pcs |

Flachfräser

Sandgestrahlt mit Seitenschneider
Flat wood bits, sand blasted with side cutter



| Ø | Ø | Länge length | Ø Schaft | Art. Nr. SB-Tasche/DIY | VE |
|------|---------|-----------------|-------------|---------------------------|-------|
| 6,0 | 15/64" | 158 | 6 | 330.060 | 10pcs |
| 8,0 | 5/16" | 158 | 6 | 330.080 | 10pcs |
| 10,0 | 3/8" | 158 | 6 | 330.100 | 10pcs |
| 12,0 | 15/32" | 158 | 6 | 330.120 | 10pcs |
| 13,0 | 1/2" | 158 | 6 | 330.130 | 10pcs |
| 14,0 | 9/16" | 158 | 6 | 330.140 | 10pcs |
| 15,0 | 19/32" | 158 | 6 | 330.150 | 10pcs |
| 16,0 | 5/8" | 158 | 6 | 330.160 | 10pcs |
| 17,0 | 43/64" | 158 | 6 | 330.170 | 10pcs |
| 18,0 | 11/16" | 158 | 6 | 330.180 | 10pcs |
| 19,0 | 3/4" | 158 | 6 | 330.190 | 10pcs |
| 20,0 | 25/32" | 158 | 6 | 330.200 | 10pcs |
| 22,0 | 7/8" | 158 | 6 | 330.220 | 10pcs |
| 24,0 | 5/16" | 158 | 6 | 330.240 | 10pcs |
| 25,0 | 1" | 161 | 6 | 330.250 | 5pcs |
| 26,0 | 1 1/32" | 164 | 6 | 330.260 | 5pcs |
| 28,0 | 1 1/8" | 167 | 6 | 330.280 | 5pcs |
| 30,0 | 1 3/16" | 174 | 6 | 330.300 | 5pcs |
| 32,0 | 1 1/4" | 174 | 6 | 330.320 | 5pcs |
| 34,0 | 1 5/16" | 174 | 6 | 330.340 | 5pcs |
| 35,0 | 1 3/8" | 174 | 6 | 330.350 | 5pcs |
| 36,0 | 1 7/16" | 174 | 6 | 330.360 | 5pcs |
| 38,0 | 1 1/2" | 174 | 6 | 330.380 | 5pcs |
| 40,0 | 1 9/16" | 174 | 6 | 330.400 | 5pcs |

Forstnerbohrer DIN 7483 G

Zentrierspitze und Umfangschneide

Forstner drill bits, centring spike and peripheral edge



| \varnothing | Länge length | \varnothing Schaft | Art. Nr. Pappschachtel | Art. Nr. Röhrchen / DIY Tube | VE |
|---------------|-----------------|-------------------------|---------------------------|---------------------------------|------|
| 10,0 | 90 | 8 | 320.100 | 324.100 | 1pcs |
| 12,0 | 90 | 8 | 320.120 | 324.120 | 1pcs |
| 14,0 | 90 | 8 | 320.140 | 324.140 | 1pcs |
| 15,0 | 90 | 8 | 320.150 | 324.150 | 1pcs |
| 16,0 | 90 | 8 | 320.160 | 324.160 | 1pcs |
| 18,0 | 90 | 8 | 320.180 | 324.180 | 1pcs |
| 20,0 | 90 | 8 | 320.200 | 324.200 | 1pcs |
| 22,0 | 90 | 8 | 320.220 | 324.220 | 1pcs |
| 24,0 | 90 | 8 | 320.240 | 324.240 | 1pcs |
| 25,0 | 90 | 8 | 320.250 | 324.250 | 1pcs |
| 26,0 | 90 | 8 | 320.260 | 324.260 | 1pcs |
| 28,0 | 90 | 8 | 320.280 | 324.280 | 1pcs |
| 30,0 | 90 | 8 | 320.300 | 324.300 | 1pcs |
| 32,0 | 90 | 8 | 320.320 | 324.320 | 1pcs |
| 34,0 | 90 | 10 | 320.340 | 324.340 | 1pcs |
| 35,0 | 90 | 10 | 320.350 | 324.350 | 1pcs |
| 36,0 | 90 | 10 | 320.360 | 324.360 | 1pcs |
| 38,0 | 90 | 10 | 320.380 | 324.380 | 1pcs |
| 40,0 | 90 | 10 | 320.400 | 324.400 | 1pcs |
| 45,0 | 90 | 10 | 320.450 | 324.450 | 1pcs |
| 50,0 | 90 | 10 | 320.500 | 324.500 | 1pcs |
| 55,0 | 90 | 12,5 | 320.550 | | 1pcs |
| 60,0 | 160 | 12,5 | 320.600 | | 1pcs |
| 65,0 | 160 | 12,5 | 320.650 | | 1pcs |
| 70,0 | 160 | 12,5 | 320.700 | | 1pcs |
| 75,0 | 160 | 12,5 | 320.750 | | 1pcs |
| 80,0 | 160 | 12,5 | 320.800 | | 1pcs |
| 85,0 | 160 | 12,5 | 320.850 | | 1pcs |
| 90,0 | 160 | 12,5 | 320.900 | | 1pcs |
| 95,0 | 160 | 12,5 | 320.950 | | 1pcs |
| 100,0 | 160 | 12,5 | 320.1000 | | 1pcs |

Schlangenbohrer

Form Lewis, 230mm und 320mm

Auger bits, type Lewis, 230mm and 320mm



| Ø mm | Länge L | Länge L1 | Ø Schaft | Art. Nr. SB-Tasche/DIY | Art. Nr. Röhrchen/DIY tube | VE |
|---------|------------|-------------|-------------|---------------------------|-------------------------------|------|
| 4,0 | 230 | 170 | 4 | 340.2040 | 344.2040 | 1pcs |
| 6,0 | 230 | 170 | 5 | 340.2060 | 344.2060 | 1pcs |
| 7,0 | 230 | 170 | 6 | 340.2070 | 344.2070 | 1pcs |
| 8,0 | 230 | 170 | 6 | 340.2080 | 344.2080 | 1pcs |
| 10,0 | 230 | 170 | 7 | 340.2100 | 344.2100 | 1pcs |
| 11,0 | 230 | 170 | 9 | 340.2110 | 344.2110 | 1pcs |
| 12,0 | 230 | 170 | 9 | 340.2120 | 344.2120 | 1pcs |
| 14,0 | 230 | 170 | 9 | 340.2140 | 344.2140 | 1pcs |
| 15,0 | 230 | 170 | 9 | 340.2150 | 344.2150 | 1pcs |
| 16,0 | 230 | 170 | 9 | 340.2160 | 344.2160 | 1pcs |
| 18,0 | 230 | 170 | 9 | 340.2180 | 344.2180 | 1pcs |
| 20,0 | 230 | 170 | 11 | 340.2200 | 344.2200 | 1pcs |
| 22,0 | 230 | 170 | 11 | 340.2220 | 344.2220 | 1pcs |
| 24,0 | 230 | 170 | 11 | 340.2240 | 344.2240 | 1pcs |
| 25,0 | 230 | 170 | 11 | 340.2250 | 344.2250 | 1pcs |
| 26,0 | 230 | 170 | 11 | 340.2260 | 344.2260 | 1pcs |
| 28,0 | 230 | 170 | 11 | 340.2280 | 344.2280 | 1pcs |
| 30,0 | 230 | 170 | 11 | 340.2300 | 344.2300 | 1pcs |
| 32,0 | 230 | 170 | 11 | 340.2320 | 344.2320 | 1pcs |
| 34,0 | 230 | 170 | 11 | 340.2340 | 344.2340 | 1pcs |
| 36,0 | 230 | 170 | 11 | 340.2360 | | 1pcs |
| 38,0 | 230 | 170 | 11 | 340.2380 | | 1pcs |
| 40,0 | 230 | 170 | 11 | 340.2400 | | 1pcs |

| Ø mm | Länge length | Länge L1 | Ø Schaft | Art. Nr. SB-Tasche/DIY | Art. Nr. Röhrchen/DIY tube | VE |
|---------|-----------------|-------------|-------------|---------------------------|-------------------------------|------|
| 6,0 | 320 | 255 | 5 | 340.3060 | 344.3060 | 1pcs |
| 7,0 | 320 | 255 | 6 | 340.3070 | 344.3070 | 1pcs |
| 8,0 | 320 | 255 | 7 | 340.3080 | 344.3080 | 1pcs |
| 9,0 | 320 | 255 | 8 | 340.3090 | 344.3090 | 1pcs |
| 10,0 | 320 | 255 | 9 | 340.3100 | 344.3100 | 1pcs |
| 11,0 | 320 | 255 | 9 | 340.3110 | 344.3110 | 1pcs |
| 12,0 | 320 | 255 | 9 | 340.3120 | 344.3120 | 1pcs |
| 14,0 | 320 | 255 | 9 | 340.3140 | 344.3140 | 1pcs |
| 16,0 | 320 | 255 | 9 | 340.3160 | 344.3160 | 1pcs |
| 18,0 | 320 | 255 | 9 | 340.3180 | 344.3180 | 1pcs |
| 20,0 | 320 | 255 | 11 | 340.3200 | 344.3200 | 1pcs |
| 22,0 | 320 | 255 | 11 | 340.3220 | 344.3220 | 1pcs |
| 24,0 | 320 | 255 | 11 | 340.3240 | 344.3240 | 1pcs |
| 26,0 | 320 | 255 | 11 | 340.3260 | 344.3260 | 1pcs |
| 28,0 | 320 | 255 | 11 | 340.3280 | 344.3280 | 1pcs |
| 30,0 | 320 | 255 | 11 | 340.3300 | 344.3300 | 1pcs |
| 32,0 | 320 | 255 | 11 | 340.3320 | 344.3320 | 1pcs |
| 34,0 | 320 | 255 | 11 | 340.3340 | 344.3340 | 1pcs |
| 36,0 | 320 | 255 | 11 | 340.3360 | | 1pcs |
| 38,0 | 320 | 255 | 11 | 340.3380 | | 1pcs |
| 40,0 | 320 | 255 | 11 | 340.3400 | | 1pcs |

Schlangenbohrer

Form Lewis, 460mm und 620mm

Auger bits, type Lewis, 460mm and 620mm



| \varnothing mm | Länge length | Länge L1 | \varnothing Schaft | Art. Nr. SB-Tasche/DIY | Art. Nr. Röhrchen/DIY tube | VE |
|---------------------|-----------------|-------------|-------------------------|---------------------------|-------------------------------|------|
| 6,0 | 460 | 390 | 5 | 340.4060 | 344.4060 | 1pcs |
| 8,0 | 460 | 390 | 7 | 340.4080 | 344.4080 | 1pcs |
| 10,0 | 460 | 390 | 9 | 340.4100 | 344.4100 | 1pcs |
| 12,0 | 460 | 390 | 9 | 340.4120 | 344.4120 | 1pcs |
| 14,0 | 460 | 390 | 9 | 340.4140 | 344.4140 | 1pcs |
| 16,0 | 460 | 390 | 9 | 340.4160 | 344.4160 | 1pcs |
| 18,0 | 460 | 390 | 9 | 340.4180 | 344.4180 | 1pcs |
| 20,0 | 460 | 390 | 11 | 340.4200 | 344.4200 | 1pcs |
| 22,0 | 460 | 390 | 11 | 340.4220 | 344.4220 | 1pcs |
| 24,0 | 460 | 390 | 11 | 340.4240 | 344.4240 | 1pcs |
| 26,0 | 460 | 390 | 11 | 340.4260 | 344.4260 | 1pcs |
| 28,0 | 460 | 390 | 11 | 340.4280 | 344.4280 | 1pcs |
| 30,0 | 460 | 390 | 11 | 340.4300 | 344.4300 | 1pcs |
| 32,0 | 460 | 390 | 11 | 340.4320 | 344.4320 | 1pcs |
| 34,0 | 460 | 390 | 11 | 340.4340 | 344.4340 | 1pcs |
| 35,0 | 460 | 390 | 11 | 340.4350 | 344.4350 | 1pcs |
| 36,0 | 460 | 390 | 11 | 340.4360 | | 1pcs |
| 38,0 | 460 | 390 | 11 | 340.4380 | | 1pcs |
| 40,0 | 460 | 390 | 11 | 340.4400 | | 1pcs |

| \varnothing mm | Länge length | Länge L1 | \varnothing Schaft | Art. Nr. SB-Tasche/DIY | Art. Nr. Röhrchen/DIY tube | VE |
|---------------------|-----------------|-------------|-------------------------|---------------------------|-------------------------------|------|
| 6,0 | 620 | 545 | 5 | 340.6060 | 344.6060 | 1pcs |
| 8,0 | 620 | 545 | 7 | 340.6080 | 344.6080 | 1pcs |
| 10,0 | 620 | 545 | 9 | 340.6100 | 344.6100 | 1pcs |
| 12,0 | 620 | 545 | 9 | 340.6120 | 344.6120 | 1pcs |
| 14,0 | 620 | 545 | 11 | 340.6140 | 344.6140 | 1pcs |
| 16,0 | 620 | 545 | 11 | 340.6160 | 344.6160 | 1pcs |
| 18,0 | 620 | 545 | 11 | 340.6180 | 344.6180 | 1pcs |
| 20,0 | 620 | 545 | 11 | 340.6200 | 344.6200 | 1pcs |
| 22,0 | 620 | 545 | 11 | 340.6220 | 344.6220 | 1pcs |
| 24,0 | 620 | 545 | 11 | 340.6240 | 344.6240 | 1pcs |
| 26,0 | 620 | 545 | 11 | 340.6260 | 344.6260 | 1pcs |
| 28,0 | 620 | 545 | 11 | 340.6280 | 344.6280 | 1pcs |
| 30,0 | 620 | 545 | 11 | 340.6300 | 344.6300 | 1pcs |
| 32,0 | 620 | 545 | 11 | 340.6320 | 344.6320 | 1pcs |
| 34,0 | 620 | 545 | 11 | 340.6340 | 344.6340 | 1pcs |
| 36,0 | 620 | 545 | 11 | 340.6360 | | 1pcs |
| 38,0 | 620 | 545 | 11 | 340.6380 | | 1pcs |
| 40,0 | 620 | 545 | 11 | 340.6400 | | 1pcs |

Schlangenbohrer

Form Lewis, 880mm, 1080mm

Auger bits type Lewis, 880mm, 1080mm



| \emptyset mm | Länge length | Länge L1 | \emptyset Schaft | Art. Nr. SB-Tasche/DIY | VE |
|-------------------|-----------------|-------------|-----------------------|---------------------------|------|
| 12,0 | 880 | 805 | 9 | 340.8120 | 1pcs |
| 14,0 | 880 | 805 | 9 | 340.8140 | 1pcs |
| 16,0 | 880 | 805 | 9 | 340.8160 | 1pcs |
| 18,0 | 880 | 805 | 9 | 340.8180 | 1pcs |
| 20,0 | 880 | 805 | 11 | 340.8200 | 1pcs |
| 22,0 | 880 | 805 | 11 | 340.8220 | 1pcs |
| 24,0 | 880 | 805 | 11 | 340.8240 | 1pcs |
| 26,0 | 880 | 805 | 11 | 340.8260 | 1pcs |
| 28,0 | 880 | 805 | 11 | 340.8280 | 1pcs |
| 30,0 | 880 | 805 | 11 | 340.8300 | 1pcs |
| 32,0 | 880 | 805 | 11 | 340.8320 | 1pcs |
| 34,0 | 880 | 805 | 11 | 340.8340 | 1pcs |
| 35,0 | 880 | 805 | 11 | 340.8350 | 1pcs |
| 36,0 | 880 | 805 | 11 | 340.8360 | 1pcs |
| 38,0 | 880 | 805 | 11 | 340.8380 | 1pcs |
| 40,0 | 880 | 805 | 11 | 340.8400 | 1pcs |

| \emptyset mm | Länge length | Länge L1 | \emptyset Schaft | Art. Nr. SB-Tasche/DIY | VE |
|-------------------|-----------------|-------------|-----------------------|---------------------------|------|
| 16,0 | 1.080 | 1005 | 9 | 340.10160 | 1pcs |
| 18,0 | 1.080 | 1005 | 9 | 340.10180 | 1pcs |
| 20,0 | 1.080 | 1005 | 11 | 340.10200 | 1pcs |
| 22,0 | 1.080 | 1005 | 11 | 340.10220 | 1pcs |
| 24,0 | 1.080 | 1005 | 11 | 340.10240 | 1pcs |
| 26,0 | 1.080 | 1005 | 11 | 340.10260 | 1pcs |
| 28,0 | 1.080 | 1005 | 11 | 340.10280 | 1pcs |
| 30,0 | 1.080 | 1005 | 11 | 340.10300 | 1pcs |
| 32,0 | 1.080 | 1005 | 11 | 340.10320 | 1pcs |
| 34,0 | 1.080 | 1005 | 11 | 340.10340 | 1pcs |
| 35,0 | 1.080 | 1005 | 11 | 340.10350 | 1pcs |
| 36,0 | 1.080 | 1005 | 11 | 340.10360 | 1pcs |
| 38,0 | 1.080 | 1005 | 11 | 340.10380 | 1pcs |
| 40,0 | 1.080 | 1005 | 11 | 340.10400 | 1pcs |

Schalungsbohrer

Sicherheitsschalungsbohrer, 400 und 600mm
Shuttering Wood Twist Drill Bits, 400 und 600mm



| \varnothing mm | Länge length | Länge L1 | \varnothing Schaft | Art. Nr. SB-Tasche/DIY | VE |
|---------------------|-----------------|-------------|-------------------------|---------------------------|------|
| 6,0 | 400 | | 5 | 352.4060 | 1pcs |
| 8,0 | 400 | | 6 | 352.4080 | 1pcs |
| 10,0 | 400 | | 8 | 352.4100 | 1pcs |
| 12,0 | 400 | | 8 | 352.4120 | 1pcs |
| 13,0 | 400 | | 8 | 352.4130 | 1pcs |
| 14,0 | 400 | | 8 | 352.4140 | 1pcs |
| 15,0 | 400 | | 10 | 352.4150 | 1pcs |
| 16,0 | 400 | | 10 | 352.4160 | 1pcs |
| 17,0 | 400 | | 10 | 352.4170 | 1pcs |
| 18,0 | 400 | | 10 | 352.4180 | 1pcs |
| 19,0 | 400 | | 10 | 352.4190 | 1pcs |
| 20,0 | 400 | | 10 | 352.4200 | 1pcs |
| 22,0 | 400 | | 10 | 352.4220 | 1pcs |
| 24,0 | 400 | | 11 | 352.4240 | 1pcs |
| 25,0 | 400 | | 11 | 352.4250 | 1pcs |
| 26,0 | 400 | | 11 | 352.4260 | 1pcs |
| 28,0 | 400 | | 11 | 352.4280 | 1pcs |
| 30,0 | 400 | | 11 | 352.4300 | 1pcs |

| \varnothing mm | Länge length | Länge L1 | \varnothing Schaft | Art. Nr. SB-Tasche/DIY | VE |
|---------------------|-----------------|-------------|-------------------------|---------------------------|------|
| 6,0 | 600 | | 5 | 352.6060 | 1pcs |
| 8,0 | 600 | | 6 | 352.6080 | 1pcs |
| 10,0 | 600 | | 8 | 352.6100 | 1pcs |
| 12,0 | 600 | | 8 | 352.6120 | 1pcs |
| 13,0 | 600 | | 8 | 352.6130 | 1pcs |
| 14,0 | 600 | | 8 | 352.6140 | 1pcs |
| 15,0 | 600 | | 10 | 352.6150 | 1pcs |
| 16,0 | 600 | | 10 | 352.6160 | 1pcs |
| 17,0 | 600 | | 10 | 352.6170 | 1pcs |
| 18,0 | 600 | | 10 | 352.6180 | 1pcs |
| 19,0 | 600 | | 10 | 352.6190 | 1pcs |
| 20,0 | 600 | | 10 | 352.6200 | 1pcs |
| 22,0 | 600 | | 10 | 352.6220 | 1pcs |
| 24,0 | 600 | | 11 | 352.6240 | 1pcs |
| 25,0 | 600 | | 11 | 352.6250 | 1pcs |
| 26,0 | 600 | | 11 | 352.6260 | 1pcs |
| 28,0 | 600 | | 11 | 352.6280 | 1pcs |
| 30,0 | 600 | | 11 | 352.6300 | 1pcs |

Sätze in Metallkassetten

HSS DIN 338, rollgewalzt, 118°

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 106.019 | 19pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 106.025 | 25pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 13,0 x 0,5mm | 1pcs |
| 106.170 | 170pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 106.210 | 210pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 13,0 x 0,5mm + 3,3 - 4,2 - 6,8mm | 1pcs |



HSS-G DIN 338, geschliffen, 135°, Kreuzanschiff

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 136.019 | 19pcs HSS-G DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 136.025 | 25pcs HSS-G DIN 338, geschliffen Ø 1,0 - 13,0 x 0,5mm | 1pcs |
| 136.170 | 170pcs HSS-G DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 136.210 | 210pcs HSS-G DIN 338, geschliffen Ø 1,0 - 13,0 x 0,5mm + 3,3 - 4,2 - 6,8mm | 1pcs |



HSS-TiN DIN 338, 135°, Kreuzanschiff

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 146.019 | 19pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 146.025 | 25pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 13,0 x 0,5mm | 1pcs |
| 146.170 | 170pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |



HSS-E DIN 338 Co 5%, 135°, Kreuzanschiff

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 156.019 | 19pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 156.025 | 25pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 13,0 x 0,5mm | 1pcs |
| 156.170 | 170pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 10,0 x 0,5mm | 1pcs |
| 156.210 | 210pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 13,0 x 0,5mm + 3,3 - 4,2 - 6,8mm | 1pcs |



HSS-R DIN 345

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 176.010 | 10pcs HSS DIN 345 Ø 14 - 23 x 1,0mm | 1pcs |

Hammerbohrer für SDS-plus

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 236.056 | 56pcs Hammerbohrer für SDS-plus 110mm Ø 4 - 5 - 6 160mm Ø 5 - 6 - 8 - 10 - 12 210mm Ø 8 - 10 | 1pcs |



Neue Sätze in Roseplastic

92pcs in RosePlastik Koffer

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 10R.092 | 92pcs HSS-R DIN 338 rollgewalzt Ø 1,0 - 10,0mm x 0,1mm | 1pcs |
| 13R.092 | 92pcs HSS-G DIN 338 geschliffen Ø 1,0 - 10,0mm x 0,1mm | 1pcs |
| 15R.092 | 92pcs HSS-Co DIN 338 Kobalt legiert Ø 1,0 - 10,0mm x 0,1mm | 1pcs |



32pcs in RosePlastik Koffer

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 10R.032 | 32pcs HSS-R Bohrer, Senker & Gewinde Set 19pcs HSS-R DIN 338, Ø 1,0 - 10,0mm x 0,5mm 7pcs HSS DIN 371, M3,M4,M5,M6,M8,M10,M12 6pcs HSS DIN 336C, 90°, Senker | 1Set |
| 13R.032 | 32pcs HSS-G Bohrer, Senker & Gewinde Set 19pcs HSS-G DIN 338, Ø 1,0 - 10,0mm x 0,5mm 7pcs HSS DIN 371, M3,M4,M5,M6,M8,M10,M12 6pcs HSS DIN 336C, 90°, Senker | 1Set |
| 15R.032 | 32pcs HSS-Co Bohrer, Senker & Gewinde Set 19pcs HSS-Co DIN 338, Ø 1,0 - 10,0mm x 0,5mm 7pcs HSS DIN 371, M3,M4,M5,M6,M8,M10,M12 6pcs HSS-Co, DIN 336C, 90°, Senker | 1Set |



6pcs HSS / HSS-Co Senker stand. geschliffen in SetPack

| Art. Nr. | Inhalt | VE |
|-------------|--|------|
| 72RMB.006 | 6pcs HSS Senker in Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |
| 72RMBCo.006 | 6pcs HSS-Co Senker in Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |



6pcs HSS M2 / HSS-Co Senker CBN geschliffen in SetPack

| Art. Nr. | Inhalt | VE |
|-------------|--|------|
| 72CBNMB.006 | 6pcs HSS Senker in Rose Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |
| 74CBNMB.006 | 6pcs HSS-TiN Senker in Rose Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |
| 75CBNMB.006 | 6pcs HSS-Co Senker in Rose Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |



6pcs HSS / HSS-Co Senker Bit Schaft E 6,3 in SetPack

| Art. Nr. | Inhalt | VE |
|-------------|--|------|
| 72RMB-E.006 | 6pcs HSS Senker E 6,3 Schaft, in Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |
| 75RMB-E.006 | 6pcs HSS-Co Senker E 6,3 Schaft, in Rose MultiBox Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm | 1pcs |

Bohrer Sätze in Rose-Plastik Kassetten

HSS DIN 338, rollgewalzt, 118°

HSS DIN 338, roll forged, 118° point angle

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 10R.019 | 19pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 10,0 x 0,5mm in Roseplastik Box | 1pcs |
| 10R.025 | 25pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 13,0 x 0,5mm in Roseplastik Box | 1pcs |
| 10R.051 | 51pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 6,0 x 0,1mm in Roseplastik Box | 1pcs |
| 10R.041 | 41pcs HSS-R DIN 338, rollgewalzt Ø 6,0 - 10,0 x 0,1mm in Roseplastik Box | 1pcs |
| 10R.170 | 170pcs HSS-R DIN 338, rollgewalzt Ø 1,0 - 10,0 x 0,5mm in Roseplastik Koffer | 1pcs |



HSS-G DIN 338, geschliffen, 135°, Kreuzanschliff

HSS-G DIN 338, ground, 135° point angle, split point

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 13R.019 | 19pcs HSS-G DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Box | 1pcs |
| 13R.025 | 25pcs HSS-G DIN 338, geschliffen Ø 1,0 - 13,0 x 0,5mm in Roseplastik Box | 1pcs |
| 13R.051 | 51pcs HSS-G DIN 338, geschliffen Ø 1,0 - 6,0 x 0,1mm in Roseplastik Box | 1pcs |
| 13R.041 | 41pcs HSS-G DIN 338, geschliffen Ø 6,0 - 10,0 x 0,1mm in Roseplastik Box | 1pcs |
| 13R.170 | 170pcs HSS-G DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Koffer | 1pcs |



HSS- TiN DIN 338, 135°, Kreuzanschliff

HSS- TiN DIN 338, 135° point angle, split point

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 14R.019 | 19pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Box | 1pcs |
| 14R.025 | 25pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 13,0 x 0,5mm in Roseplastik Box | 1pcs |
| 14R.170 | 170pcs HSS-TiN DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Koffer | 1pcs |



HSS- E DIN 338 Co 5%, 135°, Kreuzanschliff

HSS 338 Co 5% alloyed, 135° point angle, split point

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 15R.019 | 19pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Box | 1pcs |
| 15R.025 | 25pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 13,0 x 0,5mm in Roseplastik Box | 1pcs |
| 15R.051 | 51pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 1,0 - 6,0 x 0,1mm in Roseplastik Box | 1pcs |
| 15R.041 | 41pcs HSS-Co DIN 338, Co 5%, geschliffen Ø 6,0 - 10,0 x 0,1mm in Roseplastik Koffer | 1pcs |
| 15R.070 | 70pcs HSS-Co DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Koffer | 1pcs |
| 15R.170 | 170pcs HSS-Co DIN 338, geschliffen Ø 1,0 - 10,0 x 0,5mm in Roseplastik Koffer | 1pcs |



7tlg Hammerbohrer f. SDS-plus, PGM Zertifiziert

Hammerdrill Bits for SDS-plus certified

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 23R.007 | 7pcs Hammerbohrer f. SDS-plus Standard | 1pcs |
| 26R.007 | 7pcs Hammerbohrer f. SDS-plus Profi Ø 5,0 - 6,0 - 8,0 x 110mm in Roseplastik Box Ø 6,0 - 8,0 - 10,0 - 12 x 160mm in Roseplastik Box | 1pcs |

Senkwerkzeug Sätze in Rose-Plastik Kassetten

Sets in Rose- Plastic- boxes

HSS-M2 & HSS-Co M35 Senker DIN 335C 90°, CBN geschliffen

| Art. Nr. | Inhalt | VE |
|------------|--|------|
| 72xR.006 | 6pcs HSS Senker DIN 335C 90° | 1pcs |
| 72R.006 | 6pcs HSS-M2 Senker DIN 335C 90° | 1pcs |
| 72RCo.006 | 6pcs HSS- Co Senker DIN 335C 90° | 1pcs |
| 72RCBN.006 | 6pcs HSS CBN geschliffen, Senker DIN 335C 90° | 1pcs |
| 74RCBN.006 | 6pcs HSS- TiN CBN geschliffen, Senker DIN 335C 90° | 1pcs |
| 75RCBN.006 | 6pcs HSS- Co CBN geschliffen, Senker DIN 335C 90° | 1pcs |
| | Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm in Roseplastik Box | |

Senker mit Bit Aufnahme, C6,3 & E6,3

| Art. Nr. | Inhalt | VE |
|------------|--|------|
| 72RB-E.006 | 6pcs HSS Senker DIN 335C 90°, Schaft E6,3 | 1pcs |
| 75RB-E.006 | 6pcs HSS-Co Senker DIN 335C 90°, Schaft E6,3 | 1pcs |
| | Ø 6,3 - 8,3 - 10,4 - 12,4 - 16,5 - 20,5mm in Roseplastik Box | |

HSS Querlochsenker 90°

HSS cross hole cutter, 90°

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 72QR.004 | 4pcs HSS Querlochsenker 90° 2-5, 5-10, 10-15, 15-20mm | 1pcs |

HSS Stufenbohrer, CBN geschliffen

HSS step drills CBN ground

Gerade genutet, straight flute

| Art. Nr. | Inhalt | VE |
|-------------|--|------|
| 70R.003 | 3pcs HSS Stufenbohrer | 1pcs |
| 70RCo.003 | 3pcs HSS-Co Stufenbohrer | 1pcs |
| 70RCBN.03 | 3pcs HSS CBN geschliffen Stufenbohrer | 1pcs |
| 70RCoCBN.03 | 3pcs HSS-Co CBN geschliffen Stufenbohrer | 1pcs |
| | Ø 4-12, 4-20, 6-30mm in Roseplastik Box | |

35° Spiralgenutet, spiral flute

| Art. Nr. | Inhalt | VE |
|----------------|---|------|
| 70R35.003 | 3pcs HSS Stufenbohrer, 35° Spiralgenutet | 1pcs |
| 70RCBN35.003 | 3pcs HSS CBN geschliffen Stufenbohrer, 35° Spiralgenutet | 1pcs |
| 70RCoCBN35.003 | 3pcs HSS-Co CBN geschliffen Stufenbohrer, 35° Spiralgenutet | 1pcs |
| | Ø 4-12, 4-20, 6-30mm in Roseplastik Box | |

Bit Aufnahme Spiralgenutet, spiral flute, E6,3 1/4"

| Art. Nr. | Inhalt | VE |
|--------------|---|------|
| 70R35B-E.3 | 3pcs HSS Stufenbohrer, 35° Spiralgenutet, Schaft E6,3 | 1pcs |
| 70RCo35B-E.3 | 3pcs HSS-Co Stufenbohrer, 35° Spiralgenutet, Schaft E6,3 | 1pcs |
| | Ø 4-12, 4-20, 6-30mm in Roseplastik Box | |

HSS- Blechschälbohrer, conical drills

Gerade genutet, straight flute

| Art. Nr. | Inhalt | VE |
|-----------|--|------|
| 71R.003 | 3pcs HSS Schälbohrer | 1pcs |
| 71RCo.003 | 3pcs HSS-Co Schälbohrer | 1pcs |
| | Ø 3-14, 8-20, 16-30,5mm in Roseplastik Box | |

Spiralgenutet, spiral flute

| Art. Nr. | Inhalt | VE |
|-------------|--|------|
| 71R35.003 | 3pcs HSS Schälbohrer, 35° Spiralgenutet | 1pcs |
| 71RCo35.003 | 3pcs HSS-Co Schälbohrer, 35° Spiralgenutet | 1pcs |
| | Ø 8-20, 16-30,5mm in Roseplastik Box | |

Bit Aufnahme gerade genutet, straight flute, E6,3 1/4"

| Art. Nr. | Inhalt | VE |
|--------------|---|------|
| 71RB-E.003 | 3pcs HSS Schälbohrer, , Schaft E6,3 | 1pcs |
| 71RCoB-E.003 | 3pcs HSS-Co Schälbohrer, Schaft E6,3 | 1pcs |
| | Ø 8-20, 16-30,5mm in Roseplastik Box | |



Sätze in Holz Kassetten

Forstnerbohrer

Forstner / open end sets in wooden- boxes

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 328.005 | 5pcs Forstnerbohrer DIN 7483 G Satz im Holzkasten Ø 15, 20, 25, 30, 35mm | 1pcs |
| 328.015 | 15pcs Forstnerbohrer DIN 7483 G Satz im Holzkasten Ø 10, 12, 15, 16, 18, 20, 22, 25, 26, 28, 30, 35, 40, 45, 50mm, | 1pcs |



Schlangenbohrer

Auger bits in wooden boxes

| Art. Nr. | Inhalt | VE |
|----------|---|------|
| 348.206 | 6pcs Schlangenbohrer Satz 230 mm im Holzkasten Ø 10, 12, 14, 16, 18, 20mm | 1pcs |
| 348.306 | 6pcs Schlangenbohrer Satz 320 mm im Holzkasten Ø 10, 12, 14, 16, 18, 20mm | 1pcs |
| 348.406 | 6pcs Schlangenbohrer Satz 460 mm im Holzkasten Ø 10, 12, 14, 16, 18, 20mm | 1pcs |
| 348.606 | 6pcs Schlangenbohrer Satz 620 mm im Holzkasten Ø 10, 12, 14, 16, 18, 20mm | 1pcs |
| 348.408 | 8pcs Schlangenbohrer Satz 460 mm im Holzkasten Ø 10, 12, 14, 16, 18, 20, 22, 24mm | 1pcs |



Forstner & Zapfenschneider Satz

Forstner / plug cutter set in wooden- box

| Art. Nr. | Inhalt | VE |
|----------|--|------|
| 628.006 | 6pcs Forstnerbohrer & Zapfenschneider Satz Ø 15, 25, 35mm | 1pcs |





International Drills Germany GmbH



KATALOG 2020



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HSS Einschnittgewindebohrer DIN 352

HSS Einschnittgewindebohrer
Short machine taps DIN 352

| \varnothing mm | P | Art. Nr. QuickPack | VE |
|---------------------|------|-----------------------|------|
| M3 | 0,5 | 450.030 | 1pcs |
| M4 | 0,7 | 450.040 | 1pcs |
| M5 | 0,8 | 450.050 | 1pcs |
| M6 | 1,0 | 450.060 | 1pcs |
| M8 | 1,25 | 450.080 | 1pcs |
| M10 | 1,5 | 450.100 | 1pcs |
| M12 | 1,75 | 450.120 | 1pcs |



Gewindewerkzeug-Zubehör

Werkzeughalter

Werkzeughalter mit Ratsche
Tap wrench with ratchet

| Nr. | von - bis from till | Art. Nr. QuickPack | VE |
|-----|------------------------|-----------------------|------|
| TC1 | M3 - M6 | 440.1001 | 1pcs |
| TC2 | M5 - M12 | 440.1002 | 1pcs |
| TL1 | M3 - M6 | 440.1003 | 1pcs |
| TL2 | M5 - M12 | 440.1004 | 1pcs |



HSS Maschinengewindebohrer

HSS Maschinengewindebohrer DIN 371 DIN 376 Form B
HSS machine taps DIN 371 DIN 376 type B

DIN 371-B

| \varnothing mm | P | Art. Nr. QuickPack | VE |
|---------------------|------|-----------------------|------|
| M3 | 0,5 | 410.1030 | 1pcs |
| M4 | 0,7 | 410.1040 | 1pcs |
| M5 | 0,8 | 410.1050 | 1pcs |
| M6 | 1,0 | 410.1060 | 1pcs |
| M8 | 1,25 | 410.1080 | 1pcs |
| M10 | 1,5 | 410.1100 | 1pcs |

DIN 376-B

| \varnothing mm | P | Art. Nr. QuickPack | VE |
|---------------------|------|-----------------------|------|
| M12 | 1,75 | 410.1120 | 1pcs |
| M14 | 2,0 | 410.1140 | 1pcs |
| M16 | 2,0 | 410.1160 | 1pcs |
| M18 | 2,5 | 410.1180 | 1pcs |
| M20 | 2,5 | 410.1200 | 1pcs |
| M22 | 2,5 | 410.1220 | 1pcs |
| M24 | 3,0 | 410.1240 | 1pcs |



HSS Maschinengewindebohrer

DIN 371-C/RSP 35°

| \varnothing mm | P | Art. Nr. QuickPack | VE |
|---------------------|------|-----------------------|------|
| M3 | 0,5 | 420.1030 | 1pcs |
| M4 | 0,7 | 420.1040 | 1pcs |
| M5 | 0,8 | 420.1050 | 1pcs |
| M6 | 1,0 | 420.1060 | 1pcs |
| M8 | 1,25 | 420.1080 | 1pcs |
| M10 | 1,5 | 420.1100 | 1pcs |

DIN 376-C/RSP 35°

| \varnothing mm | P | Art. Nr. QuickPack | VE |
|---------------------|------|-----------------------|------|
| M12 | 1,75 | 420.1120 | 1pcs |
| M14 | 2,0 | 420.1140 | 1pcs |
| M16 | 2,0 | 420.1160 | 1pcs |
| M18 | 2,5 | 420.1180 | 1pcs |
| M20 | 2,5 | 420.1200 | 1pcs |
| M22 | 2,5 | 420.1220 | 1pcs |
| M24 | 3,0 | 420.1240 | 1pcs |



Sätze in Rose-Kunststoff Kassetten

HSS Stufenbohrer

HSS Handgewindebohrer, M3 - M12, DIN 352

| Art. Nr. | Inhalt | VE |
|----------|---|-------|
| 40R.021 | 21pcs HSS- HGB DIN 352, 3er Satz M3 - M12 | 1 Set |
| 40RR.028 | 28pcs HSS HGB DIN 352 M3 - M12 | 1 Set |
| | HSS-R DIN 338 Ø 2,5-3,3-4,2-5-6,8-8,5-10,2mm | 1 Set |
| 40RG.028 | 28pcs HSS HGB DIN 352, M3 - M12 | 1 Set |
| | HSS- G DIN 338 Ø 2,5-3,3-4,2-5-6,8-8,5-10,2mm | |



HSS Maschinengewindebohrer, M3 - M12, DIN 371 / 376

| Art. Nr. | Inhalt | VE |
|----------|---|-------|
| 41R.007 | 7pcs HSS- MGB DIN 371 / 376, M3 - M12, Form "B" | 1 Set |
| 42R.007 | 7pcs HSS- MGB DIN 371 / 376, M3 - M12 Form "C/RSP 35°" | 1 Set |
| 41R.014 | 14pcs HSS- DIN 371 / 376, M3 - M12 Form "B" | 1 Set |
| | HSS-G DIN 338 Ø 2,5-3,3-4,2-5-6,8-8,5-10,2mm | |
| 42R.014 | 14pcs HSS- DIN 371 / 376, M3 - M12, Form "C/RSP 35°" | 1 Set |
| | HSS-G DIN 338 Ø 2,5-3,3-4,2-5-6,8-8,5-10,2mm | |



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