



## A117 SPIRAALBOOR HSS-CO (8%), EXTRA KORT



### Kenmerken

- Voor ondiepe gaten of plaatwerk in gelegerde en roestvaste staalsoorten is de A117 de ideale keus in onder andere hand- en kolomboormachines en minder stabiele bewerkingsomstandigheden.
- De 135° tophoek en kegelmantel aanslijping geven een zeer goede stand tijd
- Ook in de luchtvaart is dit een veel toegepaste boor voor moeilijk bewerkbare materialen.
- De langere uitvoering (DIN338) is de A777
- norm: DIN 1897
- coating: Brons
- materiaal: HSS-E

### Varianten (104)

| Artikelnummer | Artikelnummer fabrikant | norm     | L1 | Materiaal | coating | L2 | Gewicht (gram) | d1 decimal Inch | Diameter (mm) | Diameter (Inch) | ZV_Diameter | To Le (m) |
|---------------|-------------------------|----------|----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-535  | A117 (A1171.0)          | DIN 1897 | 26 | HSS-E     | Brons   | 6  | 0,047          | 0.0394          | 1,00          |                 | 1,00        | 26        |
| 41-10171-536  | A117 (A1171.1)          | DIN 1897 | 28 | HSS-E     | Brons   | 7  | 0,0005         | 0.0433          | 1,10          |                 | 1,10        | 28        |
| 41-10171-537  | A117 (A1171.2)          | DIN 1897 | 30 | HSS-E     | Brons   | 8  | 0,02           | 0.0472          | 1,20          |                 | 1,20        | 30        |
| 41-10171-538  | A117 (A1171.3)          | DIN 1897 | 30 | HSS-E     | Brons   | 8  | 0,005          | 0.0512          | 1,30          |                 | 1,30        | 30        |
| 41-10171-539  | A117 (A1171.4)          | DIN 1897 | 32 | HSS-E     | Brons   | 9  | 0,006          | 0.0551          | 1,40          |                 | 1,40        | 32        |
| 41-10171-540  | A117 (A1171.5)          | DIN 1897 | 32 | HSS-E     | Brons   | 9  | 0,0066         | 0.0591          | 1,50          |                 | 1,50        | 32        |
| 41-10171-541  | A117 (A1171.6)          | DIN 1897 | 34 | HSS-E     | Brons   | 10 | 0,008          | 0.0630          | 1,60          |                 | 1,60        | 34        |
| 41-10171-542  | A117 (A1171.7)          | DIN 1897 | 34 | HSS-E     | Brons   | 10 | 0,012          | 0.0669          | 1,70          |                 | 1,70        | 34        |

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|---------------|-------------------------|----------|----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-543  | A117 (A1171.8)          | DIN 1897 | 36 | HSS-E     | Brons   | 11 | 0,009          | 0.0709          | 1,80          |                 | 1,80        | 36        |
| 41-10171-544  | A117 (A1171.9)          | DIN 1897 | 36 | HSS-E     | Brons   | 11 | 0,014          | 0.0748          | 1,90          |                 | 1,90        | 36        |
| 41-10171-545  | A117 (A1172.0)          | DIN 1897 | 38 | HSS-E     | Brons   | 12 | 0,015          | 0.0787          | 2,00          |                 | 2,00        | 38        |
| 41-10171-546  | A117 (A1172.1)          | DIN 1897 | 38 | HSS-E     | Brons   | 12 | 0,016          | 0.0827          | 2,10          |                 | 2,10        | 38        |
| 41-10171-547  | A117 (A1172.2)          | DIN 1897 | 40 | HSS-E     | Brons   | 13 | 0,0165         | 0.0866          | 2,20          |                 | 2,20        | 40        |
| 41-10171-548  | A117 (A1172.3)          | DIN 1897 | 40 | HSS-E     | Brons   | 13 | 0,017          | 0.0906          | 2,30          |                 | 2,30        | 40        |
| 41-10171-549  | A117 (A1172.4)          | DIN 1897 | 43 | HSS-E     | Brons   | 14 | 0,02           | 0.0945          | 2,40          |                 | 2,40        | 43        |
| 41-10171-550  | A117 (A1172.5)          | DIN 1897 | 43 | HSS-E     | Brons   | 14 | 0,02           | 0.0984          | 2,50          |                 | 2,50        | 43        |
| 41-10171-551  | A117 (A1172.6)          | DIN 1897 | 43 | HSS-E     | Brons   | 14 | 0,021          | 0.1024          | 2,60          |                 | 2,60        | 43        |
| 41-10171-552  | A117 (A1172.7)          | DIN 1897 | 46 | HSS-E     | Brons   | 16 | 0,028          | 0.1063          | 2,70          |                 | 2,70        | 46        |
| 41-10171-553  | A117 (A1172.8)          | DIN 1897 | 46 | HSS-E     | Brons   | 16 | 0,0249         | 0.1102          | 2,80          |                 | 2,80        | 46        |
| 41-10171-554  | A117 (A1172.9)          | DIN 1897 | 46 | HSS-E     | Brons   | 16 | 0,0467         | 0.1142          | 2,90          |                 | 2,90        | 46        |
| 41-10171-555  | A117 (A1173.0)          | DIN 1897 | 46 | HSS-E     | Brons   | 16 | 0,027          | 0.1181          | 3,00          |                 | 3,00        | 46        |
| 41-10171-556  | A117 (A1173.1)          | DIN 1897 | 49 | HSS-E     | Brons   | 18 | 0,03           | 0.1220          | 3,10          |                 | 3,10        | 49        |
| 41-10171-557  | A117 (A1171/8)          | DIN 1897 | 49 | HSS-E     | Brons   | 18 | 0,032          | 0.1252          | 3,18          | 1/8             | 3,18        | 49        |
| 41-10171-558  | A117 (A1173.2)          | DIN 1897 | 49 | HSS-E     | Brons   | 18 | 0,0316         | 0.1260          | 3,20          |                 | 3,20        | 49        |
| 41-10171-559  | A117 (A1173.3)          | DIN 1897 | 49 | HSS-E     | Brons   | 18 | 0,0307         | 0.1299          | 3,30          |                 | 3,30        | 49        |
| 41-10171-560  | A117 (A1173.4)          | DIN 1897 | 52 | HSS-E     | Brons   | 20 | 0,038          | 0.1339          | 3,40          |                 | 3,40        | 52        |
| 41-10171-561  | A117 (A1173.5)          | DIN 1897 | 52 | HSS-E     | Brons   | 20 | 0,02           | 0.1378          | 3,50          |                 | 3,50        | 52        |
| 41-10171-562  | A117 (A1173.6)          | DIN 1897 | 52 | HSS-E     | Brons   | 20 | 0,04           | 0.1417          | 3,60          |                 | 3,60        | 52        |
| 41-10171-563  | A117 (A1173.7)          | DIN 1897 | 52 | HSS-E     | Brons   | 20 | 0,08           | 0.1457          | 3,70          |                 | 3,70        | 52        |

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|---------------|-------------------------|----------|----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-564  | A117 (A1173.8)          | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,046          | 0.1496          | 3,80          |                 | 3,80        | 55        |
| 41-10171-565  | A117 (A1173.9)          | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,04           | 0.1535          | 3,90          |                 | 3,90        | 55        |
| 41-10171-566  | A117 (A1175/32)         | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,0483         | 0.1563          | 3,97          | 5/32            | 3,97        | 55        |
| 41-10171-567  | A117 (A1174.0)          | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,04           | 0.1575          | 4,00          |                 | 4,00        | 55        |
| 41-10171-568  | A117 (A1174.1)          | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,0583         | 0.1614          | 4,10          |                 | 4,10        | 55        |
| 41-10171-569  | A117 (A1174.2)          | DIN 1897 | 55 | HSS-E     | Brons   | 22 | 0,062          | 0.1654          | 4,20          |                 | 4,20        | 55        |
| 41-10171-570  | A117 (A1174.3)          | DIN 1897 | 58 | HSS-E     | Brons   | 24 | 0,06           | 0.1693          | 4,30          |                 | 4,30        | 58        |
| 41-10171-571  | A117 (A1174.4)          | DIN 1897 | 58 | HSS-E     | Brons   | 24 | 0,0678         | 0.1732          | 4,40          |                 | 4,40        | 58        |
| 41-10171-572  | A117 (A1174.5)          | DIN 1897 | 58 | HSS-E     | Brons   | 24 | 0,0709         | 0.1772          | 4,50          |                 | 4,50        | 58        |
| 41-10171-573  | A117 (A1174.6)          | DIN 1897 | 58 | HSS-E     | Brons   | 24 | 0,074          | 0.1811          | 4,60          |                 | 4,60        | 58        |
| 41-10171-574  | A117 (A1174.7)          | DIN 1897 | 58 | HSS-E     | Brons   | 24 | 0,0753         | 0.1850          | 4,70          |                 | 4,70        | 58        |
| 41-10171-575  | A117 (A1173/16)         | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,083          | 0.1874          | 4,76          | 3/16            | 4,76        | 62        |
| 41-10171-576  | A117 (A1174.8)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,08           | 0.1890          | 4,80          |                 | 4,80        | 62        |
| 41-10171-577  | A117 (A1174.9)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,0877         | 0.1929          | 4,90          |                 | 4,90        | 62        |
| 41-10171-578  | A117 (A1175.0)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,09           | 0.1969          | 5,00          |                 | 5,00        | 62        |
| 41-10171-579  | A117 (A1175.1)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,12           | 0.2008          | 5,10          |                 | 5,10        | 62        |
| 41-10171-580  | A117 (A1175.2)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,096          | 0.2047          | 5,20          |                 | 5,20        | 62        |
| 41-10171-581  | A117 (A1175.3)          | DIN 1897 | 62 | HSS-E     | Brons   | 26 | 0,099          | 0.2087          | 5,30          |                 | 5,30        | 62        |
| 41-10171-582  | A117 (A1175.4)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,1            | 0.2126          | 5,40          |                 | 5,40        | 66        |
| 41-10171-583  | A117 (A1175.5)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,1098         | 0.2165          | 5,50          |                 | 5,50        | 66        |
| 41-10171-584  | A117 (A1175.6)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,1156         | 0.2205          | 5,60          |                 | 5,60        | 66        |

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|---------------|-------------------------|----------|----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-585  | A117 (A1175.7)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,12           | 0.2244          | 5,70          |                 | 5,70        | 66        |
| 41-10171-586  | A117 (A1175.8)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,122          | 0.2283          | 5,80          |                 | 5,80        | 66        |
| 41-10171-587  | A117 (A1175.9)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,12           | 0.2323          | 5,90          |                 | 5,90        | 66        |
| 41-10171-588  | A117 (A1176.0)          | DIN 1897 | 66 | HSS-E     | Brons   | 28 | 0,1307         | 0.2362          | 6,00          |                 | 6,00        | 66        |
| 41-10171-589  | A117 (A1176.1)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,22           | 0.2402          | 6,10          |                 | 6,10        | 70        |
| 41-10171-590  | A117 (A1176.2)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,1501         | 0.2441          | 6,20          |                 | 6,20        | 70        |
| 41-10171-591  | A117 (A1176.3)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,156          | 0.2480          | 6,30          |                 | 6,30        | 70        |
| 41-10171-592  | A117 (A1171/4)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,158          | 0.2500          | 6,35          | 1/4             | 6,35        | 70        |
| 41-10171-593  | A117 (A1176.4)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,016          | 0.2520          | 6,40          |                 | 6,40        | 70        |
| 41-10171-594  | A117 (A1176.5)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,163          | 0.2559          | 6,50          |                 | 6,50        | 70        |
| 41-10171-595  | A117 (A1176.6)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,17           | 0.2598          | 6,60          |                 | 6,60        | 70        |
| 41-10171-596  | A117 (A1176.7)          | DIN 1897 | 70 | HSS-E     | Brons   | 31 | 0,173          | 0.2638          | 6,70          |                 | 6,70        | 70        |
| 41-10171-597  | A117 (A1176.8)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,184          | 0.2677          | 6,80          |                 | 6,80        | 74        |
| 41-10171-598  | A117 (A1176.9)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,187          | 0.2717          | 6,90          |                 | 6,90        | 74        |
| 41-10171-599  | A117 (A1177.0)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,14           | 0.2756          | 7,00          |                 | 7,00        | 74        |
| 41-10171-600  | A117 (A1177.1)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,198          | 0.2795          | 7,10          |                 | 7,10        | 74        |
| 41-10171-601  | A117 (A1177.2)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,204          | 0.2835          | 7,20          |                 | 7,20        | 74        |
| 41-10171-602  | A117 (A1177.3)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,16           | 0.2874          | 7,30          |                 | 7,30        | 74        |
| 41-10171-603  | A117 (A1177.4)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,2141         | 0.2913          | 7,40          |                 | 7,40        | 74        |
| 41-10171-604  | A117 (A1177.5)          | DIN 1897 | 74 | HSS-E     | Brons   | 34 | 0,28           | 0.2953          | 7,50          |                 | 7,50        | 74        |
| 41-10171-605  | A117 (A1177.6)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,238          | 0.2992          | 7,60          |                 | 7,60        | 79        |

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|---------------|-------------------------|----------|----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-606  | A117 (A1177.7)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,22           | 0.3031          | 7,70          |                 | 7,70        | 79        |
| 41-10171-607  | A117 (A1177.8)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,247          | 0.3071          | 7,80          |                 | 7,80        | 79        |
| 41-10171-608  | A117 (A1177.9)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,266          | 0.3110          | 7,90          |                 | 7,90        | 79        |
| 41-10171-609  | A117 (A1175/16)         | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,24           | 0.3126          | 7,94          | 5/16            | 7,94        | 79        |
| 41-10171-610  | A117 (A1178.0)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,272          | 0.3150          | 8,00          |                 | 8,00        | 79        |
| 41-10171-611  | A117 (A1178.1)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,24           | 0.3189          | 8,10          |                 | 8,10        | 79        |
| 41-10171-612  | A117 (A1178.2)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,34           | 0.3228          | 8,20          |                 | 8,20        | 79        |
| 41-10171-613  | A117 (A1178.3)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,29           | 0.3268          | 8,30          |                 | 8,30        | 79        |
| 41-10171-614  | A117 (A1178.4)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,18           | 0.3307          | 8,40          |                 | 8,40        | 79        |
| 41-10171-615  | A117 (A1178.5)          | DIN 1897 | 79 | HSS-E     | Brons   | 37 | 0,3            | 0.3346          | 8,50          |                 | 8,50        | 79        |
| 41-10171-616  | A117 (A1178.6)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,168          | 0.3386          | 8,60          |                 | 8,60        | 84        |
| 41-10171-617  | A117 (A1178.7)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,335          | 0.3425          | 8,70          |                 | 8,70        | 84        |
| 41-10171-618  | A117 (A1178.8)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,4            | 0.3465          | 8,80          |                 | 8,80        | 84        |
| 41-10171-619  | A117 (A1178.9)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,22           | 0.3504          | 8,90          |                 | 8,90        | 84        |
| 41-10171-620  | A117 (A1179.0)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,34           | 0.3543          | 9,00          |                 | 9,00        | 84        |
| 41-10171-621  | A117 (A1179.1)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,3566         | 0.3583          | 9,10          |                 | 9,10        | 84        |
| 41-10171-622  | A117 (A1179.2)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,369          | 0.3622          | 9,20          |                 | 9,20        | 84        |
| 41-10171-623  | A117 (A1179.3)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,36           | 0.3661          | 9,30          |                 | 9,30        | 84        |
| 41-10171-624  | A117 (A1179.4)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,34           | 0.3701          | 9,40          |                 | 9,40        | 84        |
| 41-10171-625  | A117 (A1179.5)          | DIN 1897 | 84 | HSS-E     | Brons   | 40 | 0,38           | 0.3740          | 9,50          |                 | 9,50        | 84        |
| 41-10171-626  | A117 (A1173/8)          | DIN 1897 | 89 | HSS-E     | Brons   | 43 | 0,4            | 0.3748          | 9,52          | 3/8             | 9,52        | 89        |

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|---------------|-------------------------|----------|-----|-----------|---------|----|----------------|-----------------|---------------|-----------------|-------------|-----------|
| 41-10171-627  | A117 (A1179.6)          | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,4203         | 0.3780          | 9,60          |                 | 9,60        | 89        |
| 41-10171-628  | A117 (A1179.7)          | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,42           | 0.3819          | 9,70          |                 | 9,70        | 89        |
| 41-10171-629  | A117 (A1179.8)          | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,42           | 0.3858          | 9,80          |                 | 9,80        | 89        |
| 41-10171-630  | A117 (A1179.9)          | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,44           | 0.3898          | 9,90          |                 | 9,90        | 89        |
| 41-10171-631  | A117 (A11710.0)         | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,45           | 0.3937          | 10,00         |                 | 10,00       | 89        |
| 41-10171-632  | A117 (A11710.2)         | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,238          | 0.4016          | 10,20         |                 | 10,20       | 89        |
| 41-10171-633  | A117 (A11710.5)         | DIN 1897 | 89  | HSS-E     | Brons   | 43 | 0,2454         | 0.4134          | 10,50         |                 | 10,50       | 89        |
| 41-10171-634  | A117 (A11711.0)         | DIN 1897 | 95  | HSS-E     | Brons   | 47 | 0,26           | 0.4331          | 11,00         |                 | 11,00       | 95        |
| 41-10171-635  | A117 (A11711.5)         | DIN 1897 | 95  | HSS-E     | Brons   | 47 | 0,326          | 0.4528          | 11,50         |                 | 11,50       | 95        |
| 41-10171-636  | A117 (A11712.0)         | DIN 1897 | 102 | HSS-E     | Brons   | 51 | 0,36           | 0.4724          | 12,00         |                 | 12,00       | 102       |
| 41-10171-637  | A117 (A1171/2)          | DIN 1897 | 102 | HSS-E     | Brons   | 51 | 0,419          | 0.5000          | 12,70         | 1/2             | 12,70       | 102       |
| 41-10171-638  | A117 (A11713.0)         | DIN 1897 | 102 | HSS-E     | Brons   | 51 | 0,434          | 0.5118          | 13,00         |                 | 13,00       | 102       |