



## A777 SPIRAALBOOR HSS-CO, HD UITVOERING



### Kenmerken

- De A777 heavy duty spiraalboor met cilindrische schacht.
- Deze boor is bedoelt voor de moeilijker verspaanbare materialen, in het bijzonder voor titanium(legeringen).
- De boor heeft een sterke 135° tophoek en wordt vaak toegepast in Aerospace (luchtvaart/ruimtevaart) productie.
- De A777 kan zowel in handboormachines als machinaal worden ingezet.
- Uniek aan deze boor is het hoge percentage kobalt in het snelstaal (HSS).
- In soortgelijke boren wordt veelal 5% kobalt toegepast, maar de Dormer A777 is voorzien van maar liefst 8% kobalt.
- Daardoor is de boor beter bestand tegen warmteontwikkeling.
- Let op: dit is geen specifieke boor voor Roestvaststaal daarvoor kan beter de A108 of A147 gekozen worden.
- norm: DIN 338
- coating: Brons
- materiaal: HSS-E
- brons 4xD voor gelegeerd staal  $\leq 1620$  N/mm<sup>2</sup>, nodulair gietijzer  $\leq 1000$  N/mm<sup>2</sup>, titaanlegeringen  $\leq 1250$  N/mm<sup>2</sup> en nikkellegeringen  $\leq 900$  N/mm<sup>2</sup>

### Varianten (151)

| Artikelnummer | Artikelnummer fabrikant | norm    | Materiaal | coating | Diameter (mm) | Totale lengte | Spiraallengte (mm) |
|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-229  | A777 (A777.3)           | DIN 338 | HSS-E     | Brons   | 0,30          | 19            | 3                  |
| 41-10174-230  | A777 (A777.35)          | DIN 338 | HSS-E     | Brons   | 0,35          | 19            | 4                  |
| 41-10174-231  | A777 (A777.4)           | DIN 338 | HSS-E     | Brons   | 0,40          | 20            | 5                  |
| 41-10174-232  | A777 (A777.45)          | DIN 338 | HSS-E     | Brons   | 0,45          | 20            | 5                  |
| 41-10174-233  | A777 (A777.5)           | DIN 338 | HSS-E     | Brons   | 0,50          | 22            | 6                  |
| 41-10174-234  | A777 (A777.55)          | DIN 338 | HSS-E     | Brons   | 0,55          | 24            | 7                  |
| 41-10174-235  | A777 (A777.6)           | DIN 338 | HSS-E     | Brons   | 0,60          | 24            | 7                  |
| 41-10174-236  | A777 (A777.65)          | DIN 338 | HSS-E     | Brons   | 0,65          | 26            | 8                  |

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|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-237  | A777 (A777.7)           | DIN 338 | HSS-E     | Brons   | 0,70          | 28            | 9                  |
| 41-10174-238  | A777 (A777.8)           | DIN 338 | HSS-E     | Brons   | 0,80          | 30            | 10                 |
| 41-10174-239  | A777 (A777.9)           | DIN 338 | HSS-E     | Brons   | 0,90          | 32            | 11                 |
| 41-10174-240  | A777 (A777.95)          | DIN 338 | HSS-E     | Brons   | 0,95          | 32            | 11                 |
| 41-10174-241  | A777 (A7771.0)          | DIN 338 | HSS-E     | Brons   | 1,00          | 34            | 12                 |
| 41-10174-242  | A777 (A7771.1)          | DIN 338 | HSS-E     | Brons   | 1,10          | 36            | 14                 |
| 41-10174-243  | A777 (A7771.2)          | DIN 338 | HSS-E     | Brons   | 1,20          | 38            | 16                 |
| 41-10174-244  | A777 (A7771.3)          | DIN 338 | HSS-E     | Brons   | 1,30          | 38            | 16                 |
| 41-10174-245  | A777 (A7771.4)          | DIN 338 | HSS-E     | Brons   | 1,40          | 40            | 18                 |
| 41-10174-246  | A777 (A7771.5)          | DIN 338 | HSS-E     | Brons   | 1,50          | 40            | 18                 |
| 41-10174-247  | A777 (A7771/16)         | DIN 338 | HSS-E     | Brons   | 1,59          | 43            | 20                 |
| 41-10174-248  | A777 (A7771.6)          | DIN 338 | HSS-E     | Brons   | 1,60          | 43            | 20                 |
| 41-10174-249  | A777 (A7771.7)          | DIN 338 | HSS-E     | Brons   | 1,70          | 43            | 20                 |
| 41-10174-250  | A777 (A7771.8)          | DIN 338 | HSS-E     | Brons   | 1,80          | 46            | 22                 |
| 41-10174-251  | A777 (A7771.9)          | DIN 338 | HSS-E     | Brons   | 1,90          | 46            | 22                 |
| 41-10174-252  | A777 (A7775/64)         | DIN 338 | HSS-E     | Brons   | 1,98          | 49            | 24                 |
| 41-10174-253  | A777 (A7772.0)          | DIN 338 | HSS-E     | Brons   | 2,00          | 49            | 24                 |
| 41-10174-254  | A777 (A7772.1)          | DIN 338 | HSS-E     | Brons   | 2,10          | 49            | 24                 |
| 41-10174-255  | A777 (A7772.2)          | DIN 338 | HSS-E     | Brons   | 2,20          | 53            | 27                 |
| 41-10174-256  | A777 (A7772.3)          | DIN 338 | HSS-E     | Brons   | 2,30          | 53            | 27                 |
| 41-10174-257  | A777 (A7773/32)         | DIN 338 | HSS-E     | Brons   | 2,38          | 57            | 30                 |
| 41-10174-258  | A777 (A7772.4)          | DIN 338 | HSS-E     | Brons   | 2,40          | 57            | 30                 |
| 41-10174-259  | A777 (A7772.5)          | DIN 338 | HSS-E     | Brons   | 2,50          | 57            | 30                 |
| 41-10174-260  | A777 (A7772.6)          | DIN 338 | HSS-E     | Brons   | 2,60          | 57            | 30                 |
| 41-10174-261  | A777 (A7772.7)          | DIN 338 | HSS-E     | Brons   | 2,70          | 61            | 33                 |
| 41-10174-262  | A777 (A7777/64)         | DIN 338 | HSS-E     | Brons   | 2,78          | 61            | 33                 |
| 41-10174-263  | A777 (A7772.8)          | DIN 338 | HSS-E     | Brons   | 2,80          | 61            | 33                 |
| 41-10174-264  | A777 (A7772.9)          | DIN 338 | HSS-E     | Brons   | 2,90          | 61            | 33                 |
| 41-10174-265  | A777 (A7773.0)          | DIN 338 | HSS-E     | Brons   | 3,00          | 61            | 33                 |
| 41-10174-266  | A777 (A7773.1)          | DIN 338 | HSS-E     | Brons   | 3,10          | 65            | 36                 |
| 41-10174-267  | A777 (A7771/8)          | DIN 338 | HSS-E     | Brons   | 3,18          | 65            | 36                 |
| 41-10174-268  | A777 (A7773.2)          | DIN 338 | HSS-E     | Brons   | 3,20          | 65            | 36                 |

| Artikelnummer | Artikelnummer fabrikant | norm    | Materiaal | coating | Diameter (mm) | Totale lengte | Spiraallengte (mm) |
|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-269  | A777 (A7773.3)          | DIN 338 | HSS-E     | Brons   | 3,30          | 65            | 36                 |
| 41-10174-270  | A777 (A7773.4)          | DIN 338 | HSS-E     | Brons   | 3,40          | 70            | 39                 |
| 41-10174-271  | A777 (A7773.5)          | DIN 338 | HSS-E     | Brons   | 3,50          | 70            | 39                 |
| 41-10174-272  | A777 (A7779/64)         | DIN 338 | HSS-E     | Brons   | 3,57          | 70            | 39                 |
| 41-10174-273  | A777 (A7773.6)          | DIN 338 | HSS-E     | Brons   | 3,60          | 70            | 39                 |
| 41-10174-274  | A777 (A7773.7)          | DIN 338 | HSS-E     | Brons   | 3,70          | 70            | 39                 |
| 41-10174-275  | A777 (A7773.8)          | DIN 338 | HSS-E     | Brons   | 3,80          | 75            | 43                 |
| 41-10174-276  | A777 (A7773.9)          | DIN 338 | HSS-E     | Brons   | 3,90          | 75            | 43                 |
| 41-10174-277  | A777 (A7775/32)         | DIN 338 | HSS-E     | Brons   | 3,97          | 75            | 43                 |
| 41-10174-278  | A777 (A7774.0)          | DIN 338 | HSS-E     | Brons   | 4,00          | 75            | 43                 |
| 41-10174-279  | A777 (A7774.1)          | DIN 338 | HSS-E     | Brons   | 4,10          | 75            | 43                 |
| 41-10174-280  | A777 (A7774.2)          | DIN 338 | HSS-E     | Brons   | 4,20          | 75            | 43                 |
| 41-10174-281  | A777 (A7774.3)          | DIN 338 | HSS-E     | Brons   | 4,30          | 80            | 47                 |
| 41-10174-282  | A777 (A77711/64)        | DIN 338 | HSS-E     | Brons   | 4,37          | 80            | 47                 |
| 41-10174-283  | A777 (A7774.4)          | DIN 338 | HSS-E     | Brons   | 4,40          | 80            | 47                 |
| 41-10174-284  | A777 (A7774.5)          | DIN 338 | HSS-E     | Brons   | 4,50          | 80            | 47                 |
| 41-10174-285  | A777 (A7774.6)          | DIN 338 | HSS-E     | Brons   | 4,60          | 80            | 47                 |
| 41-10174-286  | A777 (A7774.7)          | DIN 338 | HSS-E     | Brons   | 4,70          | 80            | 47                 |
| 41-10174-287  | A777 (A7773/16)         | DIN 338 | HSS-E     | Brons   | 4,76          | 86            | 52                 |
| 41-10174-288  | A777 (A7774.8)          | DIN 338 | HSS-E     | Brons   | 4,80          | 86            | 52                 |
| 41-10174-289  | A777 (A7774.9)          | DIN 338 | HSS-E     | Brons   | 4,90          | 86            | 52                 |
| 41-10174-290  | A777 (A7775.0)          | DIN 338 | HSS-E     | Brons   | 5,00          | 86            | 52                 |
| 41-10174-291  | A777 (A7775.1)          | DIN 338 | HSS-E     | Brons   | 5,10          | 86            | 52                 |
| 41-10174-292  | A777 (A77713/64)        | DIN 338 | HSS-E     | Brons   | 5,16          | 86            | 52                 |
| 41-10174-293  | A777 (A7775.2)          | DIN 338 | HSS-E     | Brons   | 5,20          | 86            | 52                 |
| 41-10174-294  | A777 (A7775.3)          | DIN 338 | HSS-E     | Brons   | 5,30          | 86            | 52                 |
| 41-10174-295  | A777 (A7775.4)          | DIN 338 | HSS-E     | Brons   | 5,40          | 93            | 57                 |
| 41-10174-296  | A777 (A7775.5)          | DIN 338 | HSS-E     | Brons   | 5,50          | 93            | 57                 |
| 41-10174-297  | A777 (A7777/32)         | DIN 338 | HSS-E     | Brons   | 5,56          | 93            | 57                 |
| 41-10174-298  | A777 (A7775.6)          | DIN 338 | HSS-E     | Brons   | 5,60          | 93            | 57                 |
| 41-10174-299  | A777 (A7775.7)          | DIN 338 | HSS-E     | Brons   | 5,70          | 93            | 57                 |
| 41-10174-300  | A777 (A7775.8)          | DIN 338 | HSS-E     | Brons   | 5,80          | 93            | 57                 |

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|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-301  | A777 (A7775.9)          | DIN 338 | HSS-E     | Brons   | 5,90          | 93            | 57                 |
| 41-10174-302  | A777 (A77715/64)        | DIN 338 | HSS-E     | Brons   | 5,95          | 93            | 57                 |
| 41-10174-303  | A777 (A7776.0)          | DIN 338 | HSS-E     | Brons   | 6,00          | 93            | 57                 |
| 41-10174-304  | A777 (A7776.1)          | DIN 338 | HSS-E     | Brons   | 6,10          | 101           | 63                 |
| 41-10174-305  | A777 (A7776.2)          | DIN 338 | HSS-E     | Brons   | 6,20          | 101           | 63                 |
| 41-10174-306  | A777 (A7776.3)          | DIN 338 | HSS-E     | Brons   | 6,30          | 101           | 63                 |
| 41-10174-307  | A777 (A7771/4)          | DIN 338 | HSS-E     | Brons   | 6,35          | 101           | 63                 |
| 41-10174-308  | A777 (A7776.4)          | DIN 338 | HSS-E     | Brons   | 6,40          | 101           | 63                 |
| 41-10174-309  | A777 (A7776.5)          | DIN 338 | HSS-E     | Brons   | 6,50          | 101           | 63                 |
| 41-10174-310  | A777 (A7776.6)          | DIN 338 | HSS-E     | Brons   | 6,60          | 101           | 63                 |
| 41-10174-311  | A777 (A7776.7)          | DIN 338 | HSS-E     | Brons   | 6,70          | 101           | 63                 |
| 41-10174-312  | A777 (A77717/64)        | DIN 338 | HSS-E     | Brons   | 6,75          | 109           | 69                 |
| 41-10174-313  | A777 (A7776.8)          | DIN 338 | HSS-E     | Brons   | 6,80          | 109           | 69                 |
| 41-10174-314  | A777 (A7776.9)          | DIN 338 | HSS-E     | Brons   | 6,90          | 109           | 69                 |
| 41-10174-315  | A777 (A7777.0)          | DIN 338 | HSS-E     | Brons   | 7,00          | 109           | 69                 |
| 41-10174-316  | A777 (A7777.1)          | DIN 338 | HSS-E     | Brons   | 7,10          | 109           | 69                 |
| 41-10174-317  | A777 (A7779/32)         | DIN 338 | HSS-E     | Brons   | 7,14          | 109           | 69                 |
| 41-10174-318  | A777 (A7777.2)          | DIN 338 | HSS-E     | Brons   | 7,20          | 109           | 69                 |
| 41-10174-319  | A777 (A7777.3)          | DIN 338 | HSS-E     | Brons   | 7,30          | 109           | 69                 |
| 41-10174-320  | A777 (A7777.4)          | DIN 338 | HSS-E     | Brons   | 7,40          | 109           | 69                 |
| 41-10174-321  | A777 (A7777.5)          | DIN 338 | HSS-E     | Brons   | 7,50          | 109           | 69                 |
| 41-10174-322  | A777 (A77719/64)        | DIN 338 | HSS-E     | Brons   | 7,54          | 117           | 75                 |
| 41-10174-323  | A777 (A7777.6)          | DIN 338 | HSS-E     | Brons   | 7,60          | 117           | 75                 |
| 41-10174-324  | A777 (A7777.7)          | DIN 338 | HSS-E     | Brons   | 7,70          | 117           | 75                 |
| 41-10174-325  | A777 (A7777.8)          | DIN 338 | HSS-E     | Brons   | 7,80          | 117           | 75                 |
| 41-10174-326  | A777 (A7777.9)          | DIN 338 | HSS-E     | Brons   | 7,90          | 117           | 75                 |
| 41-10174-327  | A777 (A7775/16)         | DIN 338 | HSS-E     | Brons   | 7,94          | 117           | 75                 |
| 41-10174-328  | A777 (A7778.0)          | DIN 338 | HSS-E     | Brons   | 8,00          | 117           | 75                 |
| 41-10174-329  | A777 (A7778.1)          | DIN 338 | HSS-E     | Brons   | 8,10          | 117           | 75                 |
| 41-10174-330  | A777 (A7778.2)          | DIN 338 | HSS-E     | Brons   | 8,20          | 117           | 75                 |
| 41-10174-331  | A777 (A7778.3)          | DIN 338 | HSS-E     | Brons   | 8,30          | 117           | 75                 |
| 41-10174-332  | A777 (A77721/64)        | DIN 338 | HSS-E     | Brons   | 8,33          | 117           | 75                 |

| Artikelnummer | Artikelnummer fabrikant | norm    | Materiaal | coating | Diameter (mm) | Totale lengte | Spiraallengte (mm) |
|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-333  | A777 (A7778.4)          | DIN 338 | HSS-E     | Brons   | 8,40          | 117           | 75                 |
| 41-10174-334  | A777 (A7778.5)          | DIN 338 | HSS-E     | Brons   | 8,50          | 117           | 75                 |
| 41-10174-335  | A777 (A7778.6)          | DIN 338 | HSS-E     | Brons   | 8,60          | 125           | 81                 |
| 41-10174-336  | A777 (A7778.7)          | DIN 338 | HSS-E     | Brons   | 8,70          | 125           | 81                 |
| 41-10174-337  | A777 (A77711/32)        | DIN 338 | HSS-E     | Brons   | 8,73          | 125           | 81                 |
| 41-10174-338  | A777 (A7778.8)          | DIN 338 | HSS-E     | Brons   | 8,80          | 125           | 81                 |
| 41-10174-339  | A777 (A7778.9)          | DIN 338 | HSS-E     | Brons   | 8,90          | 125           | 81                 |
| 41-10174-340  | A777 (A7779.0)          | DIN 338 | HSS-E     | Brons   | 9,00          | 125           | 81                 |
| 41-10174-341  | A777 (A7779.1)          | DIN 338 | HSS-E     | Brons   | 9,10          | 125           | 81                 |
| 41-10174-342  | A777 (A77723/64)        | DIN 338 | HSS-E     | Brons   | 9,13          | 125           | 81                 |
| 41-10174-343  | A777 (A7779.2)          | DIN 338 | HSS-E     | Brons   | 9,20          | 125           | 81                 |
| 41-10174-344  | A777 (A7779.3)          | DIN 338 | HSS-E     | Brons   | 9,30          | 125           | 81                 |
| 41-10174-345  | A777 (A7779.4)          | DIN 338 | HSS-E     | Brons   | 9,40          | 125           | 81                 |
| 41-10174-346  | A777 (A7779.5)          | DIN 338 | HSS-E     | Brons   | 9,50          | 125           | 81                 |
| 41-10174-347  | A777 (A7773/8)          | DIN 338 | HSS-E     | Brons   | 9,52          | 133           | 87                 |
| 41-10174-348  | A777 (A7779.6)          | DIN 338 | HSS-E     | Brons   | 9,60          | 133           | 87                 |
| 41-10174-349  | A777 (A7779.7)          | DIN 338 | HSS-E     | Brons   | 9,70          | 133           | 87                 |
| 41-10174-350  | A777 (A7779.8)          | DIN 338 | HSS-E     | Brons   | 9,80          | 133           | 87                 |
| 41-10174-351  | A777 (A7779.9)          | DIN 338 | HSS-E     | Brons   | 9,90          | 133           | 87                 |
| 41-10174-352  | A777 (A77725/64)        | DIN 338 | HSS-E     | Brons   | 9,92          | 133           | 87                 |
| 41-10174-353  | A777 (A77710.0)         | DIN 338 | HSS-E     | Brons   | 10,00         | 133           | 87                 |
| 41-10174-354  | A777 (A77710.1)         | DIN 338 | HSS-E     | Brons   | 10,10         | 133           | 87                 |
| 41-10174-355  | A777 (A77710.2)         | DIN 338 | HSS-E     | Brons   | 10,20         | 133           | 87                 |
| 41-10174-356  | A777 (A77713/32)        | DIN 338 | HSS-E     | Brons   | 10,32         | 133           | 87                 |
| 41-10174-357  | A777 (A77710.5)         | DIN 338 | HSS-E     | Brons   | 10,50         | 133           | 87                 |
| 41-10174-358  | A777 (A77727/64)        | DIN 338 | HSS-E     | Brons   | 10,72         | 142           | 94                 |
| 41-10174-359  | A777 (A77710.8)         | DIN 338 | HSS-E     | Brons   | 10,80         | 142           | 94                 |
| 41-10174-360  | A777 (A77711.0)         | DIN 338 | HSS-E     | Brons   | 11,00         | 142           | 94                 |
| 41-10174-361  | A777 (A7777/16)         | DIN 338 | HSS-E     | Brons   | 11,11         | 142           | 94                 |
| 41-10174-362  | A777 (A77711.2)         | DIN 338 | HSS-E     | Brons   | 11,20         | 142           | 94                 |
| 41-10174-363  | A777 (A77711.5)         | DIN 338 | HSS-E     | Brons   | 11,50         | 142           | 94                 |
| 41-10174-364  | A777 (A77729/64)        | DIN 338 | HSS-E     | Brons   | 11,51         | 142           | 94                 |

| Artikelnummer | Artikelnummer fabrikant | norm    | Materiaal | coating | Diameter (mm) | Totale lengte | Spiraallengte (mm) |
|---------------|-------------------------|---------|-----------|---------|---------------|---------------|--------------------|
| 41-10174-365  | A777 (A77711.8)         | DIN 338 | HSS-E     | Brons   | 11,80         | 142           | 94                 |
| 41-10174-366  | A777 (A77715/32)        | DIN 338 | HSS-E     | Brons   | 11,91         | 151           | 101                |
| 41-10174-367  | A777 (A77712.0)         | DIN 338 | HSS-E     | Brons   | 12,00         | 151           | 101                |
| 41-10174-368  | A777 (A77712.2)         | DIN 338 | HSS-E     | Brons   | 12,20         | 151           | 101                |
| 41-10174-369  | A777 (A77731/64)        | DIN 338 | HSS-E     | Brons   | 12,30         | 151           | 101                |
| 41-10174-370  | A777 (A77712.5)         | DIN 338 | HSS-E     | Brons   | 12,50         | 151           | 101                |
| 41-10174-371  | A777 (A7771/2)          | DIN 338 | HSS-E     | Brons   | 12,70         | 151           | 101                |
| 41-10174-372  | A777 (A77712.8)         | DIN 338 | HSS-E     | Brons   | 12,80         | 151           | 101                |
| 41-10174-373  | A777 (A77713.0)         | DIN 338 | HSS-E     | Brons   | 13,00         | 151           | 101                |
| 41-10174-374  | A777 (A77713.5)         | DIN 338 | HSS-E     | Brons   | 13,50         | 160           | 108                |
| 41-10174-375  | A777 (A77714.0)         | DIN 338 | HSS-E     | Brons   | 14,00         | 160           | 108                |
| 41-10174-376  | A777 (A77714.5)         | DIN 338 | HSS-E     | Brons   | 14,50         | 169           | 114                |
| 41-10174-377  | A777 (A77715.0)         | DIN 338 | HSS-E     | Brons   | 15,00         | 169           | 114                |
| 41-10174-378  | A777 (A77715.5)         | DIN 338 | HSS-E     | Brons   | 15,50         | 178           | 120                |
| 41-10174-379  | A777 (A77716.0)         | DIN 338 | HSS-E     | Brons   | 16,00         | 178           | 120                |