

**Extended Length**  
Aircraft Extension 6" and 12"

**General Application Drills**

Styles: **1630, 1631, 1803, 1805**



**Note**  
Superior rigidity in hand  
or machine drilling.



HOLEMAKING





6" OAL Black Oxide



12" OAL Black Oxide

| drill diameter<br>frac/wire/let | decimal<br>equivalent | flute<br>length | order number       |                     |                    |                     |
|---------------------------------|-----------------------|-----------------|--------------------|---------------------|--------------------|---------------------|
|                                 |                       |                 | 1630<br>6" Overall | 1631<br>12" Overall | 1803<br>6" Overall | 1805<br>12" Overall |
| 1/16                            | .0625                 | 7/8             | C68867             | C68936              | C23621             | C23721              |
| 5/64                            | .0781                 | 1               | C68868             | C68937              | C23622             | C23722              |
| 3/32                            | .0938                 | 1-1/4           | C68869             | C68938              | C23623             | C23723              |
| 40                              | .0980                 | 1-3/8           | C68935             | C69004              | C23700             | C23800              |
| 39                              | .0995                 | 1-3/8           | C68934             | C69003              | C23699             | C23799              |
| 38                              | .1015                 | 1-7/16          | C68933             | C69002              | C23698             | —                   |
| 37                              | .1040                 | 1-7/16          | C68932             | C69001              | C23697             | —                   |
| 36                              | .1065                 | 1-7/16          | C68931             | C69000              | C23696             | —                   |
| 7/64                            | .1094                 | 1-1/2           | C68870             | C68939              | C23624             | C23724              |
| 35                              | .1100                 | 1-1/2           | C68930             | C68999              | C23695             | —                   |
| 34                              | .1110                 | 1-1/2           | C68929             | C68998              | C23694             | —                   |
| 33                              | .1130                 | 1-1/2           | C68928             | C68997              | C23693             | —                   |
| 32                              | .1160                 | 1-5/8           | C68927             | C68996              | C23692             | —                   |
| 31                              | .1200                 | 1-5/8           | C68926             | C68995              | C23691             | C23791              |
| 1/8                             | .1250                 | 1-5/8           | C68871             | C68940              | C23625             | C23725              |
| 30                              | .1285                 | 1-5/8           | C68925             | C68994              | C23690             | C23790              |
| 29                              | .1360                 | 1-3/4           | C68924             | C68993              | C23689             | C23789              |
| 28                              | .1405                 | 1-3/4           | C68923             | C68992              | C23688             | —                   |
| 9/64                            | .1406                 | 1-3/4           | C68872             | C68941              | C23626             | C23726              |
| 27                              | .1440                 | 1-7/8           | C68922             | C68991              | C23687             | —                   |
| 26                              | .1470                 | 1-7/8           | C68921             | C68990              | C23686             | —                   |
| 25                              | .1495                 | 1-7/8           | C68920             | C68989              | C23685             | C23785              |
| 24                              | .1520                 | 2               | C68919             | C68988              | C23684             | —                   |
| 23                              | .1540                 | 2               | C68918             | C68987              | C23683             | —                   |
| 5/32                            | .1562                 | 2               | C68873             | C68942              | C23627             | C23727              |
| 22                              | .1570                 | 2               | C68917             | C68986              | C23682             | —                   |
| 21                              | .1590                 | 2-1/8           | C68916             | C68985              | C23681             | C23781              |
| 20                              | .1610                 | 2-1/8           | C68915             | C68984              | C23680             | C23780              |
| 19                              | .1660                 | 2-1/8           | C68914             | C68983              | C23679             | C23779              |
| 18                              | .1695                 | 2-1/8           | C68913             | C68982              | C23678             | —                   |
| 11/64                           | .1719                 | 2-1/8           | C68874             | C68943              | C23628             | C23728              |
| 17                              | .1730                 | 2-3/16          | C68912             | C68981              | C23677             | —                   |
| 16                              | .1770                 | 2-3/16          | C68911             | C68980              | C23676             | C23776              |
| 15                              | .1800                 | 2-3/16          | C68910             | C68979              | C23675             | —                   |
| 14                              | .1820                 | 2-3/16          | C68909             | C68978              | C23674             | —                   |
| 13                              | .1850                 | 2-5/16          | C68908             | C68977              | C23673             | C23773              |

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| drill diameter | decimal equivalent | flute length | order number  |   |             |             |
|----------------|--------------------|--------------|---|---|-------------|-------------|
|                |                    |              |  <b>1630</b> |  <b>1631</b> | <b>1803</b> | <b>1805</b> |
|                |                    |              | 6" Overall  | 12" Overall   | 6" Overall  | 12" Overall |
| 3/16           | .1875              | 2-5/16       | C68875  | C68944  | C23629      | C23729      |
| 12             | .1890              | 2-5/16       | C68907  | C68976  | C23672      | C23772      |
| 11             | .1910              | 2-5/16       | C68906  | C68975  | C23671      | C23771      |
| 10             | .1935              | 2-7/16       | C68905  | C68974  | C23670      | C23770      |
| 9              | .1960              | 2-7/16       | C68904  | C68973  | C23669      | C23769      |
| 8              | .1990              | 2-7/16       | C68903  | C68972  | C23668      | C23768      |
| 7              | .2010              | 2-7/16       | C68902  | C68971  | C23667      | C23767      |
| 13/64          | .2031              | 2-7/16       | C68876  | C68945  | C23630      | C23730      |
| 6              | .2040              | 2-1/2        | C68901  | C68970  | C23666      | C23766      |
| 5              | .2055              | 2-1/2        | C68900  | C68969  | C23665      | C23765      |
| 4              | .2090              | 2-1/2        | C68899  | C68968  | C23664      | C23764      |
| 3              | .2130              | 2-1/2        | C68898  | C68967  | C23663      | C23763      |
| 7/32           | .2188              | 2-1/2        | C68877  | C68946  | C23631      | C23731      |
| 2              | .2210              | 2-5/8        | C68897  | C68966  | C23662      | C23762      |
| 1              | .2280              | 2-5/8        | C68896  | C68965  | C23661      | C23761      |
| 15/64          | .2344              | 2-5/8        | C68878  | C68947  | C23632      | C23732      |
| 1/4, E         | .2500              | 2-3/4        | C68879  | C68948  | C23633      | C23733      |
| 17/64          | .2656              | 2-5/8        | C68880  | C68949  | C23634      | C23734      |
| 9/32           | .2812              | 3-1/16       | C68881  | C68950  | C23635      | C23735      |
| 19/64          | .2969              | 3-1/16       | C68882  | C68951  | C23636      | C23736      |
| 5/16           | .3125              | 3-3/16       | C68883  | C68952  | C23637      | C23737      |
| 21/64          | .3281              | 3-7/16       | C68884  | C68953  | C23638      | C23738      |
| 11/32          | .3438              | 3-7/16       | C68885  | C68954  | C23639      | C23739      |
| 23/64          | .3594              | 3-1/2        | C68886  | C68955  | C23640      | C23740      |
| 3/8            | .3750              | 3-5/8        | C68887  | C68956  | C23641      | C23741      |
| 25/64          | .3906              | 3-3/4        | C68888  | C68957  | C23642      | C23742      |
| 13/32          | .4062              | 3-3/4        | C68889  | C68958  | C23643      | C23743      |
| 27/64          | .4219              | 3-15/16      | C68890  | C68959  | C23644      | C23744      |
| 7/16           | .4375              | 4-1/16       | C68891  | C68960  | C23645      | C23745      |
| 29/64          | .4531              | 4-3/16       | C68892  | C68961  | —           | C23746      |
| 15/32          | .4688              | 4-5/6        | C68893  | C68962  | —           | —           |
| 31/64          | .4844              | 4-3/8        | C68894  | C68963  | —           | —           |
| 1/2            | .5000              | 4-1/2        | C68895  | C68964  | C23649      | C23749      |