

# Drills • Special Purpose

## List #2013 Cobalt Jobber Length Drill



Substrate - Cobalt  
Length - Jobber Length  
Surface Treatment - Straw Color  
Shank - Straight  
Point - 135° Split



### Features:

- Cobalt provides heavy duty construction to increase tool strength
- 135° split point is self centering reducing thrust for ease of penetration & the preferred point for stainless steels
- AIA NAS-907 (Type J) drill specification approved for aircraft applications

| Diameter | Decimal Equiv. | Metric Equiv. | Overall Length | Flute Length | EDP Number |
|----------|----------------|---------------|----------------|--------------|------------|
| 80       | .0135          | 0.34          | 3/4            | 1/8          | C04066     |
| 79       | .0145          | 0.37          | 3/4            | 1/8          | C04068     |
| 1/64     | .0156          | 0.40          | 3/4            | 3/16         | C04070     |
| 78       | .0160          | 0.41          | 7/8            | 3/16         | C04072     |
| 77       | .0180          | 0.46          | 7/8            | 3/16         | C04075     |
| 76       | .0200          | 0.51          | 7/8            | 3/16         | C04078     |
| 75       | .0210          | 0.53          | 1              | 1/4          | C04079     |
| 74       | .0225          | 0.57          | 1              | 1/4          | C04081     |
| 73       | .0240          | 0.61          | 1-1/8          | 5/16         | C04083     |
| 72       | .0250          | 0.64          | 1-1/8          | 5/16         | C04084     |
| 71       | .0260          | 0.66          | 1-1/4          | 3/8          | C04086     |
| 70       | .0280          | 0.71          | 1-1/4          | 3/8          | C04088     |
| 69       | .0292          | 0.74          | 1-3/8          | 1/2          | C04089     |
| 68       | .0310          | 0.79          | 1-3/8          | 1/2          | C04091     |
| 1/32     | .0312          | 0.79          | 1-3/8          | 1/2          | C04092     |
| 67       | .0320          | 0.81          | 1-3/8          | 1/2          | C04094     |
| 66       | .0330          | 0.84          | 1-3/8          | 1/2          | C04095     |
| 65       | .0350          | 0.89          | 1-1/2          | 5/8          | C04097     |
| 64       | .0360          | 0.91          | 1-1/2          | 5/8          | C04099     |
| 63       | .0370          | 0.94          | 1-1/2          | 5/8          | C04100     |
| 62       | .0380          | 0.97          | 1-1/2          | 5/8          | C04102     |
| 61       | .0390          | 0.99          | 1-5/8          | 11/16        | C04103     |
| 60       | .0400          | 1.02          | 1-5/8          | 11/16        | C04105     |
| 59       | .0410          | 1.04          | 1-5/8          | 11/16        | C04106     |
| 58       | .0420          | 1.07          | 1-5/8          | 11/16        | C04108     |
| 57       | .0430          | 1.09          | 1-3/4          | 3/4          | C04109     |
| 56       | .0465          | 1.18          | 1-3/4          | 3/4          | C04112     |
| 3/64     | .0469          | 1.19          | 1-3/4          | 3/4          | C04113     |
| 55       | .0520          | 1.32          | 1-7/8          | 7/8          | C04117     |
| 54       | .0550          | 1.40          | 1-7/8          | 7/8          | C04119     |
| 53       | .0595          | 1.51          | 1-7/8          | 7/8          | C04123     |
| 1/16     | .0625          | 1.59          | 1-7/8          | 7/8          | C04125     |
| 52       | .0635          | 1.61          | 1-7/8          | 7/8          | C04127     |
| 51       | .0670          | 1.70          | 2              | 1            | C04130     |
| 50       | .0700          | 1.78          | 2              | 1            | C04132     |
| 49       | .0730          | 1.85          | 2              | 1            | C04135     |
| 48       | .0760          | 1.93          | 2              | 1            | C04137     |
| 5/64     | .0781          | 1.98          | 2              | 1            | C04139     |
| 47       | .0785          | 1.99          | 2              | 1            | C04140     |
| 46       | .0810          | 2.06          | 2-1/8          | 1-1/8        | C04143     |
| 45       | .0820          | 2.08          | 2-1/8          | 1-1/8        | C04144     |
| 44       | .0860          | 2.18          | 2-1/8          | 1-1/8        | C04147     |
| 43       | .0890          | 2.26          | 2-1/4          | 1-1/4        | C04150     |
| 42       | .0935          | 2.37          | 2-1/4          | 1-1/4        | C04153     |
| 3/32     | .0938          | 2.38          | 2-1/4          | 1-1/4        | C04154     |
| 41       | .0960          | 2.44          | 2-3/8          | 1-3/8        | C04156     |
| 40       | .0980          | 2.49          | 2-3/8          | 1-3/8        | C04158     |
| 39       | .0995          | 2.53          | 2-3/8          | 1-3/8        | C04160     |
| 38       | .1015          | 2.58          | 2-1/2          | 1-7/16       | C04161     |
| 37       | .1040          | 2.64          | 2-1/2          | 1-7/16       | C04163     |
| 36       | .1065          | 2.71          | 2-1/2          | 1-7/16       | C04165     |
| 7/64     | .1094          | 2.78          | 2-5/8          | 1-1/2        | C04167     |
| 35       | .1100          | 2.79          | 2-5/8          | 1-1/2        | C04168     |
| 34       | .1110          | 2.82          | 2-5/8          | 1-1/2        | C04170     |
| 33       | .1130          | 2.87          | 2-5/8          | 1-1/2        | C04171     |
| 32       | .1160          | 2.95          | 2-3/4          | 1-5/8        | C04173     |
| 31       | .1200          | 3.05          | 2-3/4          | 1-5/8        | C04175     |

| Diameter | Decimal Equiv. | Metric Equiv. | Overall Length | Flute Length | EDP Number |
|----------|----------------|---------------|----------------|--------------|------------|
| 1/8      | .1250          | 3.18          | 2-3/4          | 1-5/8        | C04177     |
| 30       | .1285          | 3.26          | 2-3/4          | 1-5/8        | C04180     |
| 29       | .1360          | 3.45          | 2-7/8          | 1-3/4        | C04183     |
| 28       | .1405          | 3.57          | 2-7/8          | 1-3/4        | C04185     |
| 9/64     | .1406          | 3.57          | 2-7/8          | 1-3/4        | C04186     |
| 27       | .1440          | 3.66          | 3              | 1-7/8        | C04188     |
| 26       | .1470          | 3.73          | 3              | 1-7/8        | C04190     |
| 25       | .1495          | 3.80          | 3              | 1-7/8        | C04192     |
| 24       | .1520          | 3.86          | 3-1/8          | 2            | C04194     |
| 23       | .1540          | 3.91          | 3-1/8          | 2            | C04196     |
| 5/32     | .1562          | 3.97          | 3-1/8          | 2            | C04197     |
| 22       | .1570          | 3.99          | 3-1/8          | 2            | C04198     |
| 21       | .1590          | 4.04          | 3-1/4          | 2-1/8        | C04200     |
| 20       | .1610          | 4.09          | 3-1/4          | 2-1/8        | C04201     |
| 19       | .1660          | 4.22          | 3-1/4          | 2-1/8        | C04204     |
| 18       | .1695          | 4.31          | 3-1/4          | 2-1/8        | C04207     |
| 11/64    | .1719          | 4.37          | 3-1/4          | 2-1/8        | C04208     |
| 17       | .1730          | 4.39          | 3-3/8          | 2-3/16       | C04209     |
| 16       | .1770          | 4.50          | 3-3/8          | 2-3/16       | C04211     |
| 15       | .1800          | 4.57          | 3-3/8          | 2-3/16       | C04213     |
| 14       | .1820          | 4.62          | 3-3/8          | 2-3/16       | C04215     |
| 13       | .1850          | 4.70          | 3-1/2          | 2-5/16       | C04216     |
| 3/16     | .1875          | 4.76          | 3-1/2          | 2-5/16       | C04219     |
| 12       | .1890          | 4.80          | 3-1/2          | 2-5/16       | C04220     |
| 11       | .1910          | 4.85          | 3-1/2          | 2-5/16       | C04222     |
| 10       | .1935          | 4.91          | 3-5/8          | 2-7/16       | C04224     |
| 9        | .1960          | 4.98          | 3-5/8          | 2-7/16       | C04225     |
| 8        | .1990          | 5.05          | 3-5/8          | 2-7/16       | C04227     |
| 7        | .2010          | 5.11          | 3-5/8          | 2-7/16       | C04229     |
| 13/64    | .2031          | 5.16          | 3-5/8          | 2-7/16       | C04230     |
| 6        | .2040          | 5.18          | 3-3/4          | 2-1/2        | C04231     |
| 5        | .2055          | 5.22          | 3-3/4          | 2-1/2        | C04233     |
| 4        | .2090          | 5.31          | 3-3/4          | 2-1/2        | C04236     |
| 3        | .2130          | 5.41          | 3-3/4          | 2-1/2        | C04238     |
| 7/32     | .2188          | 5.56          | 3-3/4          | 2-1/2        | C04240     |
| 2        | .2210          | 5.61          | 3-7/8          | 2-5/8        | C04242     |
| 1        | .2280          | 5.79          | 3-7/8          | 2-5/8        | C04245     |
| A        | .2340          | 5.94          | 3-7/8          | 2-5/8        | C04248     |
| 15/64    | .2344          | 5.95          | 3-7/8          | 2-5/8        | C04249     |
| B        | .2380          | 6.05          | 4              | 2-3/4        | C04251     |
| C        | .2420          | 6.15          | 4              | 2-3/4        | C04253     |
| D        | .2460          | 6.25          | 4              | 2-3/4        | C04255     |
| 1/4,E    | .2500          | 6.35          | 4              | 2-3/4        | C04258     |
| F        | .2570          | 6.53          | 4-1/8          | 2-7/8        | C04262     |
| G        | .2610          | 6.63          | 4-1/8          | 2-7/8        | C04264     |
| 17/64    | .2656          | 6.75          | 4-1/8          | 2-7/8        | C04266     |
| H        | .2660          | 6.76          | 4-1/8          | 2-7/8        | C04268     |
| I        | .2720          | 6.91          | 4-1/8          | 2-7/8        | C04271     |
| J        | .2770          | 7.04          | 4-1/8          | 2-7/8        | C04273     |
| K        | .2810          | 7.14          | 4-1/4          | 2-15/16      | C04275     |
| L        | .2900          | 7.37          | 4-1/4          | 2-15/16      | C04279     |
| 9/32     | .2812          | 7.14          | 4-1/4          | 2-15/16      | C04280     |
| M        | .2950          | 7.49          | 4-3/8          | 3-1/16       | C04282     |
| 19/64    | .2969          | 7.54          | 4-3/8          | 3-1/16       | C04284     |
| N        | .3020          | 7.67          | 4-3/8          | 3-1/16       | C04286     |
| 5/16     | .3125          | 7.94          | 4-1/2          | 3-3/16       | C04291     |
| O        | .3160          | 8.03          | 4-1/2          | 3-3/16       | C04293     |

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