

# Solid Carbide Straight Flute Drills

## For Hardened & Abrasive Applications

Recommended for hardened, high strength & abrasive materials. Produce close tolerance holes in stainless steels, alloy steels, aerospace alloys, exotic alloys, cryogenic alloys and other materials 40Rc hardness and higher.

**Solid Carbide** offers excellent hardness, wear resistance and heat resistance for higher cutting speeds and longer tool life. High rigidity enhances hole accuracy and quality.

**Titanium Aluminum Nitride (TiAlN) Coating** is an excellent all around coating that increases surface hardness, wear resistance, heat resistance, chip flow and resists chip welding. Especially recommended for abrasive and hard-to-machine materials that generate higher cutting temperatures.

Foret au carbure

Broca de carburo



List No. 5376 - Uncoated

List No. 5376T - TiAlN Coated

2-Flute - 140° Notch Point

**TOLERANCES**

All sizes +.0000/-.0005

**STANDARD PACKAGE**

All sizes — 1 each

Speeds &amp; Feeds: Page 89

| SIZE        | DEC. EQUIV. | FLUTE LENGTH | OAL     | 5376 UNCOATED EDP NO. | 5376T TiAlN EDP NO. | SIZE         | DEC. EQUIV. | FLUTE LENGTH | OAL     | 5376 UNCOATED EDP NO. | 5376T TiAlN EDP NO. |
|-------------|-------------|--------------|---------|-----------------------|---------------------|--------------|-------------|--------------|---------|-----------------------|---------------------|
| <b>1/32</b> | .0312       | 1/2          | 1-1/2   | <b>50720</b>          | <b>92660</b>        | 3.0 MM       | .1181       | 7/8          | 1-7/8   | <b>50755</b>          | <b>92695</b>        |
| 1.0 MM      | .0394       | 1/2          | 1-1/2   | <b>50721</b>          | <b>92661</b>        | 31           | .1200       | 7/8          | 1-7/8   | <b>50756</b>          | <b>92696</b>        |
| 56          | .0465       | 1/2          | 1-1/2   | <b>50722</b>          | <b>92662</b>        | <b>1/8</b>   | .1250       | 7/8          | 1-7/8   | <b>50757</b>          | <b>92697</b>        |
| <b>3/64</b> | .0469       | 1/2          | 1-1/2   | <b>50723</b>          | <b>92663</b>        | 30           | .1285       | 15/16        | 1-15/16 | <b>50758</b>          | <b>92698</b>        |
| 55          | .0520       | 1/2          | 1-1/2   | <b>50724</b>          | <b>92664</b>        | 29           | .1360       | 15/16        | 1-15/16 | <b>50759</b>          | <b>92699</b>        |
| 54          | .0550       | 1/2          | 1-1/2   | <b>50725</b>          | <b>92665</b>        | 3.5 MM       | .1378       | 15/16        | 1-15/16 | <b>50760</b>          | <b>92700</b>        |
| 1.5 MM      | .0591       | 1/2          | 1-1/2   | <b>50726</b>          | <b>92666</b>        | 28           | .1405       | 15/16        | 1-15/16 | <b>50761</b>          | <b>92701</b>        |
| 53          | .0595       | 1/2          | 1-1/2   | <b>50727</b>          | <b>92667</b>        | <b>9/64</b>  | .1406       | 15/16        | 1-15/16 | <b>50762</b>          | <b>92702</b>        |
| <b>1/16</b> | .0625       | 5/8          | 1-5/8   | <b>50728</b>          | <b>92668</b>        | 27           | .1440       | 1            | 2-1/16  | <b>50763</b>          | <b>92703</b>        |
| 52          | .0635       | 11/16        | 1-11/16 | <b>50729</b>          | <b>92669</b>        | 26           | .1470       | 1            | 2-1/16  | <b>50764</b>          | <b>92704</b>        |
| 51          | .0670       | 11/16        | 1-11/16 | <b>50730</b>          | <b>92670</b>        | 25           | .1495       | 1            | 2-1/16  | <b>50765</b>          | <b>92705</b>        |
| 50          | .0700       | 11/16        | 1-11/16 | <b>50731</b>          | <b>92671</b>        | 24           | .1520       | 1            | 2-1/16  | <b>50766</b>          | <b>92706</b>        |
| 49          | .0730       | 11/16        | 1-11/16 | <b>50732</b>          | <b>92672</b>        | 23           | .1540       | 1            | 2-1/16  | <b>50767</b>          | <b>92707</b>        |
| 48          | .0760       | 11/16        | 1-11/16 | <b>50733</b>          | <b>92673</b>        | <b>5/32</b>  | .1562       | 1            | 2-1/16  | <b>50768</b>          | <b>92708</b>        |
| <b>5/64</b> | .0781       | 11/16        | 1-11/16 | <b>50734</b>          | <b>92674</b>        | 22           | .1570       | 1-1/16       | 2-1/8   | <b>50769</b>          | <b>92709</b>        |
| 47          | .0785       | 3/4          | 1-3/4   | <b>50735</b>          | <b>92675</b>        | 4.0 MM       | .1575       | 1-1/16       | 2-1/8   | <b>50770</b>          | <b>92710</b>        |
| 2.0 MM      | .0787       | 3/4          | 1-3/4   | <b>50736</b>          | <b>92676</b>        | 21           | .1590       | 1-1/16       | 2-1/8   | <b>50771</b>          | <b>92711</b>        |
| 46          | .0810       | 3/4          | 1-3/4   | <b>50737</b>          | <b>92677</b>        | 20           | .1610       | 1-1/16       | 2-1/8   | <b>50772</b>          | <b>92712</b>        |
| 45          | .0820       | 3/4          | 1-3/4   | <b>50738</b>          | <b>92678</b>        | 19           | .1660       | 1-1/16       | 2-1/8   | <b>50773</b>          | <b>92713</b>        |
| 44          | .0860       | 3/4          | 1-3/4   | <b>50739</b>          | <b>92679</b>        | 18           | .1695       | 1-1/16       | 2-1/8   | <b>50774</b>          | <b>92714</b>        |
| 43          | .0890       | 3/4          | 1-3/4   | <b>50740</b>          | <b>92680</b>        | <b>11/64</b> | .1719       | 1-1/16       | 2-1/8   | <b>50775</b>          | <b>92715</b>        |
| 42          | .0935       | 3/4          | 1-3/4   | <b>50741</b>          | <b>92681</b>        | 17           | .1730       | 1-1/8        | 2-3/16  | <b>50776</b>          | <b>92716</b>        |
| <b>3/32</b> | .0938       | 3/4          | 1-3/4   | <b>50742</b>          | <b>92682</b>        | 16           | .1770       | 1-1/8        | 2-3/16  | <b>50777</b>          | <b>92717</b>        |
| 41          | .0960       | 13/16        | 1-13/16 | <b>50743</b>          | <b>92683</b>        | 4.5 MM       | .1772       | 1-1/8        | 2-3/16  | <b>50778</b>          | <b>92718</b>        |
| 40          | .0980       | 13/16        | 1-13/16 | <b>50744</b>          | <b>92684</b>        | 15           | .1800       | 1-1/8        | 2-3/16  | <b>50779</b>          | <b>92719</b>        |
| 2.5 MM      | .0984       | 13/16        | 1-13/16 | <b>50745</b>          | <b>92685</b>        | 14           | .1820       | 1-1/8        | 2-3/16  | <b>50780</b>          | <b>92720</b>        |
| 39          | .0995       | 13/16        | 1-13/16 | <b>50746</b>          | <b>92686</b>        | 13           | .1850       | 1-1/8        | 2-3/16  | <b>50781</b>          | <b>92721</b>        |
| 38          | .1015       | 13/16        | 1-13/16 | <b>50747</b>          | <b>92687</b>        | <b>3/16</b>  | .1875       | 1-1/8        | 2-3/16  | <b>50782</b>          | <b>92722</b>        |
| 37          | .1040       | 13/16        | 1-13/16 | <b>50748</b>          | <b>92688</b>        | 12           | .1890       | 1-3/16       | 2-1/4   | <b>50783</b>          | <b>92723</b>        |
| 36          | .1065       | 13/16        | 1-13/16 | <b>50749</b>          | <b>92689</b>        | 11           | .1910       | 1-3/16       | 2-1/4   | <b>50784</b>          | <b>92724</b>        |
| <b>7/64</b> | .1094       | 13/16        | 1-13/16 | <b>50750</b>          | <b>92690</b>        | 10           | .1935       | 1-3/16       | 2-1/4   | <b>50785</b>          | <b>92725</b>        |
| 35          | .1100       | 7/8          | 1-7/8   | <b>50751</b>          | <b>92691</b>        | 9            | .1960       | 1-3/16       | 2-1/4   | <b>50786</b>          | <b>92726</b>        |
| 34          | .1110       | 7/8          | 1-7/8   | <b>50752</b>          | <b>92692</b>        | 5.0 MM       | .1969       | 1-3/16       | 2-1/4   | <b>50787</b>          | <b>92727</b>        |
| 33          | .1130       | 7/8          | 1-7/8   | <b>50753</b>          | <b>92693</b>        | 8            | .1990       | 1-3/16       | 2-1/4   | <b>50788</b>          | <b>92728</b>        |
| 32          | .1160       | 7/8          | 1-7/8   | <b>50754</b>          | <b>92694</b>        | 7            | .2010       | 1-3/16       | 2-1/4   | <b>50789</b>          | <b>92729</b>        |

Tool Coatings Also Available

(continued)

# Solid Carbide Straight Flute Drills

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Foret au carbure

Broca de carburo



List No. 5376 - Uncoated

List No. 5376T - TiAlN Coated

2-Flute – 140° Notch Point

### TOLERANCES

All sizes +.0000/-.0005

### STANDARD PACKAGE

All sizes — 1 each

(continued)

| SIZE           | DEC. EQUIV. | FLUTE LENGTH | OAL     | 5376 UNCOATED EDP NO. | 5376T TiAlN EDP NO. |
|----------------|-------------|--------------|---------|-----------------------|---------------------|
| <b>13/64</b>   | .2031       | 1-3/16       | 2-1/4   | <b>50790</b>          | <b>92730</b>        |
| 6              | .2040       | 1-1/4        | 2-3/8   | <b>50791</b>          | <b>92731</b>        |
| 5              | .2055       | 1-1/4        | 2-3/8   | <b>50792</b>          | <b>92732</b>        |
| 4              | .2090       | 1-1/4        | 2-3/8   | <b>50793</b>          | <b>92733</b>        |
| 3              | .2130       | 1-1/4        | 2-3/8   | <b>50794</b>          | <b>92734</b>        |
| 5.5 MM         | .2165       | 1-1/4        | 2-3/8   | <b>50795</b>          | <b>92735</b>        |
| <b>7/32</b>    | .2188       | 1-1/4        | 2-3/8   | <b>50796</b>          | <b>92736</b>        |
| 2              | .2210       | 1-5/16       | 2-7/16  | <b>50797</b>          | <b>92737</b>        |
| 1              | .2280       | 1-5/16       | 2-7/16  | <b>50798</b>          | <b>92738</b>        |
| A              | .2340       | 1-5/16       | 2-7/16  | <b>50799</b>          | <b>92739</b>        |
| <b>15/64</b>   | .2344       | 1-5/16       | 2-7/16  | <b>50800</b>          | <b>92740</b>        |
| 6.0 MM         | .2362       | 1-5/16       | 2-7/16  | <b>50801</b>          | <b>92741</b>        |
| B              | .2380       | 1-3/8        | 2-1/2   | <b>50802</b>          | <b>92742</b>        |
| C              | .2420       | 1-3/8        | 2-1/2   | <b>50803</b>          | <b>92743</b>        |
| D              | .2460       | 1-3/8        | 2-1/2   | <b>50804</b>          | <b>92744</b>        |
| <b>1/4 (E)</b> | .2500       | 1-3/8        | 2-1/2   | <b>50805</b>          | <b>92745</b>        |
| 6.5 MM         | .2559       | 1-3/8        | 2-1/2   | <b>50806</b>          | <b>92746</b>        |
| F              | .2570       | 1-7/16       | 2-5/8   | <b>50807</b>          | <b>92747</b>        |
| G              | .2610       | 1-7/16       | 2-5/8   | <b>50808</b>          | <b>92748</b>        |
| <b>17/64</b>   | .2656       | 1-7/16       | 2-5/8   | <b>50809</b>          | <b>92749</b>        |
| H              | .2660       | 1-1/2        | 2-11/16 | <b>50810</b>          | <b>92750</b>        |
| I              | .2720       | 1-1/2        | 2-11/16 | <b>50811</b>          | <b>92751</b>        |
| 7.0 MM         | .2756       | 1-1/2        | 2-11/16 | <b>50812</b>          | <b>92752</b>        |
| J              | .2770       | 1-1/2        | 2-11/16 | <b>50813</b>          | <b>92753</b>        |
| K              | .2810       | 1-1/2        | 2-11/16 | <b>50814</b>          | <b>92754</b>        |
| <b>9/32</b>    | .2812       | 1-1/2        | 2-11/16 | <b>50815</b>          | <b>92755</b>        |
| L              | .2900       | 1-9/16       | 2-3/4   | <b>50816</b>          | <b>92756</b>        |
| M              | .2950       | 1-9/16       | 2-3/4   | <b>50817</b>          | <b>92757</b>        |
| 7.5 MM         | .2953       | 1-9/16       | 2-3/4   | <b>50818</b>          | <b>92758</b>        |
| <b>19/64</b>   | .2969       | 1-9/16       | 2-3/4   | <b>50819</b>          | <b>92759</b>        |
| N              | .3020       | 1-5/8        | 2-13/16 | <b>50820</b>          | <b>92760</b>        |
| <b>5/16</b>    | .3125       | 1-5/8        | 2-13/16 | <b>50821</b>          | <b>92761</b>        |
| 8.0 MM         | .3150       | 1-5/8        | 2-13/16 | <b>50822</b>          | <b>92762</b>        |
| O              | .3160       | 1-11/16      | 2-15/16 | <b>50823</b>          | <b>92763</b>        |
| P              | .3230       | 1-11/16      | 2-15/16 | <b>50824</b>          | <b>92764</b>        |

| SIZE         | DEC. EQUIV. | FLUTE LENGTH | OAL     | 5376 UNCOATED EDP NO. | 5376T TiAlN EDP NO. |
|--------------|-------------|--------------|---------|-----------------------|---------------------|
| <b>21/64</b> | .3281       | 1-11/16      | 2-15/16 | <b>50825</b>          | <b>92765</b>        |
| Q            | .3320       | 1-11/16      | 3       | <b>50826</b>          | <b>92766</b>        |
| 8.5 MM       | .3346       | 1-11/16      | 3       | <b>50827</b>          | <b>92767</b>        |
| R            | .3390       | 1-11/16      | 3       | <b>50828</b>          | <b>92768</b>        |
| <b>11/32</b> | .3438       | 1-11/16      | 3       | <b>50829</b>          | <b>92769</b>        |
| S            | .3480       | 1-3/4        | 3-1/16  | <b>50830</b>          | <b>92770</b>        |
| 9.0 MM       | .3543       | 1-3/4        | 3-1/16  | <b>50831</b>          | <b>92771</b>        |
| T            | .3580       | 1-3/4        | 3-1/16  | <b>50832</b>          | <b>92772</b>        |
| <b>23/64</b> | .3594       | 1-3/4        | 3-1/16  | <b>50833</b>          | <b>92773</b>        |
| U            | .3680       | 1-13/16      | 3-1/8   | <b>50834</b>          | <b>92774</b>        |
| 9.5 MM       | .3740       | 1-13/16      | 3-1/8   | <b>50835</b>          | <b>92775</b>        |
| <b>3/8</b>   | .3750       | 1-13/16      | 3-1/8   | <b>50836</b>          | <b>92776</b>        |
| V            | .3770       | 1-7/8        | 3-1/4   | <b>50837</b>          | <b>92777</b>        |
| W            | .3860       | 1-7/8        | 3-1/4   | <b>50838</b>          | <b>92778</b>        |
| <b>25/64</b> | .3906       | 1-7/8        | 3-1/4   | <b>50839</b>          | <b>92779</b>        |
| 10.0 MM      | .3937       | 1-7/8        | 3-1/4   | <b>50840</b>          | <b>92780</b>        |
| X            | .3970       | 1-15/16      | 3-5/16  | <b>50841</b>          | <b>92781</b>        |
| Y            | .4040       | 1-15/16      | 3-5/16  | <b>50842</b>          | <b>92782</b>        |
| <b>13/32</b> | .4062       | 1-15/16      | 3-5/16  | <b>50843</b>          | <b>92783</b>        |
| Z            | .4130       | 2            | 3-3/8   | <b>50844</b>          | <b>92784</b>        |
| 10.5 MM      | .4134       | 2            | 3-3/8   | <b>50845</b>          | <b>92785</b>        |
| <b>27/64</b> | .4219       | 2            | 3-3/8   | <b>50846</b>          | <b>92786</b>        |
| 11.0 MM      | .4331       | 2            | 3-3/8   | <b>50847</b>          | <b>92787</b>        |
| <b>7/16</b>  | .4375       | 2-1/16       | 3-7/16  | <b>50848</b>          | <b>92788</b>        |
| 11.5 MM      | .4528       | 2-1/16       | 3-7/16  | <b>50849</b>          | <b>92789</b>        |
| <b>29/64</b> | .4531       | 2-1/8        | 3-9/16  | <b>50850</b>          | <b>92790</b>        |
| <b>15/32</b> | .4688       | 2-1/8        | 3-5/8   | <b>50851</b>          | <b>92791</b>        |
| 12.0 MM      | .4724       | 2-1/8        | 3-5/8   | <b>50852</b>          | <b>92792</b>        |
| <b>31/64</b> | .4844       | 2-3/16       | 3-11/16 | <b>50853</b>          | <b>92793</b>        |
| 12.5 MM      | .4921       | 2-3/16       | 3-11/16 | <b>50854</b>          | <b>92794</b>        |
| <b>1/2</b>   | .5000       | 2-1/4        | 3-3/4   | <b>50855</b>          | <b>92795</b>        |

Tool Coatings Also Available