

Solid Carbide Straight Flute Drills

For Hardened & Abrasive Applications

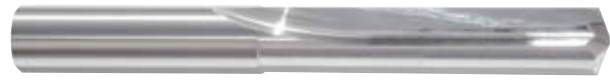
Recommended for hardened, high strength & abrasive materials. Produce close tolerance holes in stainless steels, alloy steels, aerospace alloys, exotic alloys, cryogenic alloys and other materials 40Rc hardness and higher.

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 & Feeds: Page 89

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

Tool Coatings Also Available

(continued)

Solid Carbide Straight Flute Drills

For Hardened & Abrasive Materials

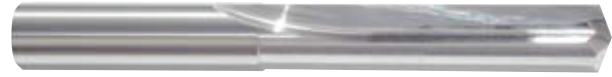
Recommended for hardened, high strength & abrasive materials. Produce close tolerance holes in stainless steels, alloy steels, aerospace alloys, exotic alloys, cryogenic alloys and other materials 40Rc hardness and higher.

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Foret au carbure

Broca de carburo



Drills

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. |
|----------------|-------------|--------------|---------|-----------------------|---------------------|
| 13/64 | .2031 | 1-3/16 | 2-1/4 | 50790 | 92730 |
| 6 | .2040 | 1-1/4 | 2-3/8 | 50791 | 92731 |
| 5 | .2055 | 1-1/4 | 2-3/8 | 50792 | 92732 |
| 4 | .2090 | 1-1/4 | 2-3/8 | 50793 | 92733 |
| 3 | .2130 | 1-1/4 | 2-3/8 | 50794 | 92734 |
| 5.5 MM | .2165 | 1-1/4 | 2-3/8 | 50795 | 92735 |
| 7/32 | .2188 | 1-1/4 | 2-3/8 | 50796 | 92736 |
| 2 | .2210 | 1-5/16 | 2-7/16 | 50797 | 92737 |
| 1 | .2280 | 1-5/16 | 2-7/16 | 50798 | 92738 |
| A | .2340 | 1-5/16 | 2-7/16 | 50799 | 92739 |
| 15/64 | .2344 | 1-5/16 | 2-7/16 | 50800 | 92740 |
| 6.0 MM | .2362 | 1-5/16 | 2-7/16 | 50801 | 92741 |
| B | .2380 | 1-3/8 | 2-1/2 | 50802 | 92742 |
| C | .2420 | 1-3/8 | 2-1/2 | 50803 | 92743 |
| D | .2460 | 1-3/8 | 2-1/2 | 50804 | 92744 |
| 1/4 (E) | .2500 | 1-3/8 | 2-1/2 | 50805 | 92745 |
| 6.5 MM | .2559 | 1-3/8 | 2-1/2 | 50806 | 92746 |
| F | .2570 | 1-7/16 | 2-5/8 | 50807 | 92747 |
| G | .2610 | 1-7/16 | 2-5/8 | 50808 | 92748 |
| 17/64 | .2656 | 1-7/16 | 2-5/8 | 50809 | 92749 |
| H | .2660 | 1-1/2 | 2-11/16 | 50810 | 92750 |
| I | .2720 | 1-1/2 | 2-11/16 | 50811 | 92751 |
| 7.0 MM | .2756 | 1-1/2 | 2-11/16 | 50812 | 92752 |
| J | .2770 | 1-1/2 | 2-11/16 | 50813 | 92753 |
| K | .2810 | 1-1/2 | 2-11/16 | 50814 | 92754 |
| 9/32 | .2812 | 1-1/2 | 2-11/16 | 50815 | 92755 |
| L | .2900 | 1-9/16 | 2-3/4 | 50816 | 92756 |
| M | .2950 | 1-9/16 | 2-3/4 | 50817 | 92757 |
| 7.5 MM | .2953 | 1-9/16 | 2-3/4 | 50818 | 92758 |
| 19/64 | .2969 | 1-9/16 | 2-3/4 | 50819 | 92759 |
| N | .3020 | 1-5/8 | 2-13/16 | 50820 | 92760 |
| 5/16 | .3125 | 1-5/8 | 2-13/16 | 50821 | 92761 |
| 8.0 MM | .3150 | 1-5/8 | 2-13/16 | 50822 | 92762 |
| O | .3160 | 1-11/16 | 2-15/16 | 50823 | 92763 |
| P | .3230 | 1-11/16 | 2-15/16 | 50824 | 92764 |

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

Tool Coatings Also Available