

# The Original MULTI-PURPOSE DRILL BIT

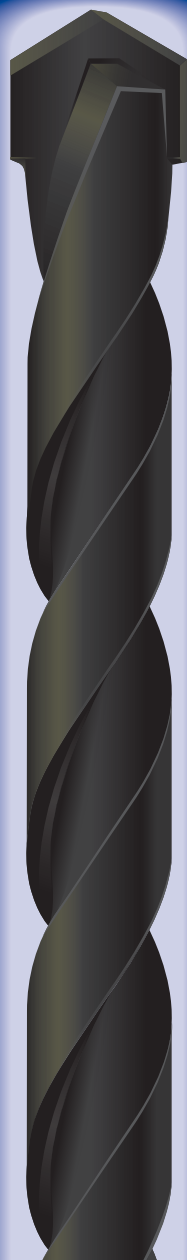
Resharpen by  
grinding the two  
flat surfaces\*

Special  
negative back  
grinding  
enables the tip  
to bore with a  
filing action,  
not cutting

Chrome  
vanadium  
steel shank  
for enormous  
strength and  
flexibility

Ideal for  
cordless drills,  
cabled drills  
and drill  
presses

Available in an  
assortment of  
sizes and sets



*Now  
Improved!* Flat  
bottom  
parabolic  
flute for faster  
waste removal

The blend and  
high tech  
bonding of  
cobalt and  
tungsten  
carbide allows  
bit to withstand  
temperatures  
up to 2000° F

No center  
punch needed,  
eliminates  
"walking"

Outlasts  
regular  
carbide  
tipped bits

Coolants:  
turpentine  
light oil  
water

Also available from ARTU:

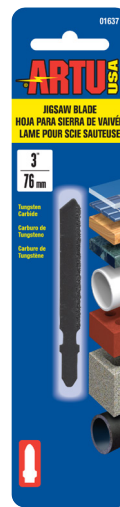
Cobalt Bits



SDS Bits



TC Grit Saws



Porcelain Tile Bits



TC Grit Hole Saws



# ARTU<sup>®</sup> USA

## MULTI-PURPOSE DRILL BIT

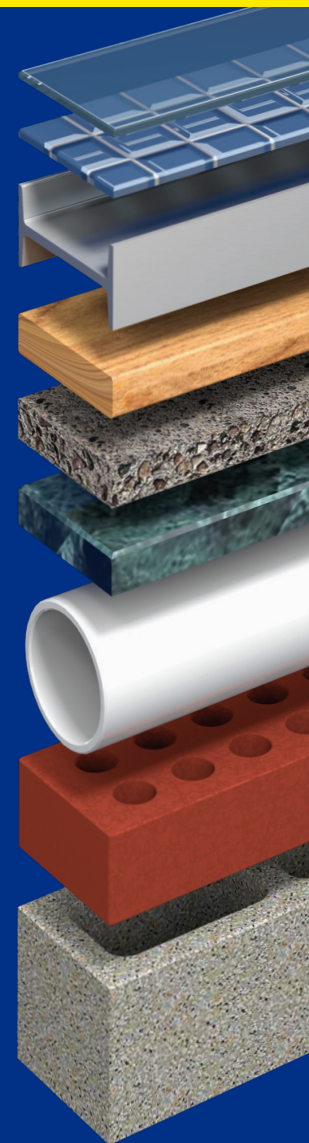
For Rotary or  
Percussion Drilling

Cobalt & Tungsten  
Carbide Tip Drill Bit

*The same bit  
for every job!*

For use with:

Glass  
Plexiglass  
Ceramic Tile  
Cast Metal  
Hardened Steel  
Soft Wood  
Hard Wood  
Granite  
Marble  
Fiberglass  
Brick  
Masonry  
Concrete



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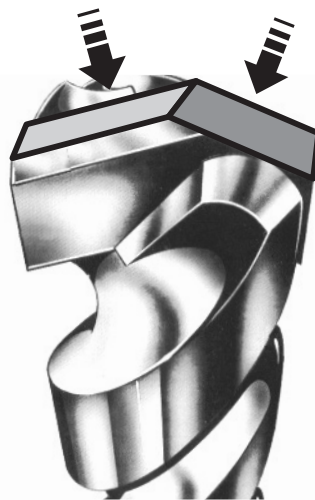
\*Use ARTU  
Silicon Carbide  
Grinding Wheel  
(item #01551)

## Drilling Instructions

MATERIALS	DIRECTIONS	RPMs
Concrete Slab Concrete Block Masonry and Brick	With or without percussion - if you run into rebar, continue drilling at high speed without percussion	1,000+
Granite/Stone	With percussion	1,000+
Marble	Not necessary to punch or score - use moderate pressure - with or without percussion	1,000+
Ceramic Tile	Not necessary to punch or score - moderate pressure - no percussion	1,000+
Porcelain	Use ARTU's Porcelain Tile Bit - refer to our website: artu.com	
Baked Ceramic	Slow speeds - liquid coolant	300-500
Glass/Crystal and Mirror	Liquid coolant - slow speed - light pressure - manual hand drill recommended or slow speed on variable speed drill	300-700
Hard Wood	Hand drill or drill press	800-1,500
Soft Wood	Hand drill or drill press	1,500+
Plastic	Hand drill or drill press	300-500
Cast Metal	Hand drill or drill press	2,000+
Hardened Steel	Drill press only	2,000+
Grinding Wheel	Use to sharpen drill bit	Full speed

## Sharpening Instructions

ARTU Multi-Purpose Drill Bits can be resharpened by grinding the two flat surfaces.



To achieve the best results use the ARTU Silicon Carbide Grinding Wheel, item #01551.

## Drill Bit Sets for Rotary or Percussion

ITEM NUMBER	NO. OF PIECES	DESCRIPTION
01505	5	1/8", 3/16", 1/4", 5/16", 3/8"
01506	5	4 mm, 5 mm, 6 mm, 8 mm, 10 mm
01510	7	1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
01511	7	4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 10 mm, 12 mm
01535 <i>Clamshell</i>	13	1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 15/32", 1/2"



Please be advised that the ARTU Multi-Purpose Drill Bit is not recommended to be used on mild steel, ie: Angle Iron, Galvanized Pipe, Copper, Aluminum, Brass, Stainless Steel, etc. Instead, use ARTU's Cobalt Drill Bits. Refer to our website: artu.com.

### Carded

### Pouch

### Tube

### Bulk

ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
01010	1/8"	1-5/16"	2-5/8"	Straight
01012	5/32"	1-3/4"	3-1/8"	Straight
01020	3/16"	1-7/8"	3-1/2"	Straight
01022	7/32"	1-7/8"	3-3/4"	Straight
01030	1/4"	2-1/4"	4-1/8"	Straight
01032	9/32"	2-5/8"	4-3/8"	Straight
01040	5/16"	2-5/8"	4-1/2"	Straight
01042	11/32"	2-5/8"	4-7/8"	Straight
01050	3/8"	3-1/16"	5-1/4"	Straight
01052	13/32"	3-3/8"	5-3/4"	Straight
01060	7/16"	3-3/4"	6-1/8"	Straight
01062	15/32"	3-5/8"	6-1/4"	3/8"
01070	1/2"	3-3/4"	6-1/4"	3/8"
01006	5/32"	1-7/8"	3-1/2"	Straight
01011	5/32"	3-1/4"	5-1/2"	Straight
01014	3/16"	1-7/8"	3-1/2"	Straight
01021	3/16"	3-1/4"	5-1/2"	Straight
01023	7/32"	3-1/4"	5-1/2"	Straight
01031	1/4"	4-1/4"	6-1/4"	Straight
01041	5/16"	4-1/4"	6-1/4"	Straight
01075	9/16"	3-1/8"	6-1/4"	3/8"
01080	5/8"	2-7/8"	6-1/8"	3/8"
01081	5/8"	5-5/8"	9"	3/8"
01090	3/4"	2-7/8"	6-1/4"	3/8"
01095	3/4"	5-1/4"	9-1/4"	3/8"
01097	7/8"	2-5/8"	6-3/8"	3/8"
01099	1"	3-1/4"	6-1/2"	1/2"
01145	3/16"	11-5/8"	16"	Straight
01150	1/4"	11-5/8"	16"	Straight
01155	5/16"	11-5/8"	16"	Straight
01160	3/8"	11-5/8"	16"	Straight
01165	7/16"	11-5/8"	16"	Straight
01170	1/2"	11-3/4"	16"	Straight
01171	1/2"	17-3/4"	24"	Straight
01173	9/16"	11-3/4"	16"	Straight
01175	5/8"	11-3/4"	16"	1/2"
01180	3/4"	11-3/4"	16"	1/2"
01185	7/8"	11-3/4"	16"	1/2"
01005	1/8"	1-5/16"	2-5/8"	Straight
01007	5/32"	1-3/4"	3-1/8"	Straight
01008	5/32"	1-7/8"	3-1/2"	Straight
01009	5/32"	3-1/4"	5-1/2"	Straight
01015	3/16"	1-7/8"	3-1/2"	Straight
01016	3/16"	3-1/4"	5-1/2"	Straight
01019	3/16"	4-5/8"	7-1/2"	Straight
01017	7/32"	1-7/8"	3-3/4"	Straight
01018	7/32"	3-1/4"	5-1/2"	Straight
01025	1/4"	2-1/4"	4-1/8"	Straight
01026	1/4"	4-1/4"	6-1/4"	Straight
01028	1/4"	5-1/4"	8"	Straight
01027	9/32"	2-5/8"	4-3/8"	Straight
01035	5/16"	2-5/8"	4-1/2"	Straight
01036	5/16"	4-1/4"	6-1/4"	Straight
01038	5/16"	5-1/4"	8"	Straight
01037	11/32"	2-5/8"	4-7/8"	Straight
01045	3/8"	3-1/16"	5-1/4"	Straight
01047	13/32"	3-3/8"	5-3/4"	Straight
01055	7/16"	3-3/4"	6-1/8"	Straight
01057	15/32"	3-5/8"	6-1/4"	3/8"
01065	1/2"	3-3/4"	6-1/4"	3/8"
01073	9/16"	3-1/8"	6-1/4"	3/8"
01074	5/8"	2-7/8"	6-1/8"	3/8"
01076	5/8"	5-5/8"	9"	3/8"
01089	3/4"	2-7/8"	6-1/4"	3/8"
01094	3/4"	5-1/4"	9-1/4"	3/8"
01096	7/8"	2-5/8"	6-3/8"	3/8"
01098	1"	3-1/4"	6-1/2"	1/2"