

# The Original MULTI-PURPOSE DRILL BIT

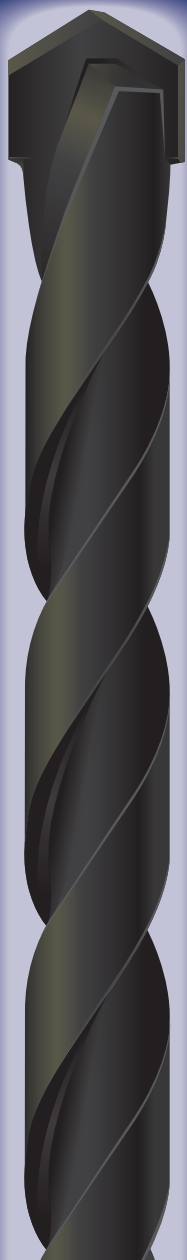
Resharpener by grinding the two flat surfaces\*

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, corded 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



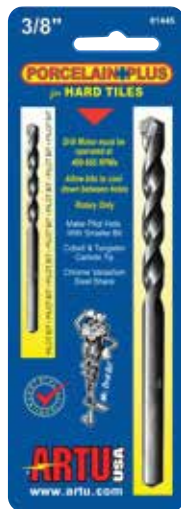
SDS Bits



TC Grit Saws



Porcelain Tile Bits



TC Grit Hole Saws



## MULTI-PURPOSE DRILL BIT

For Rotary or Percussion Drilling

Cobalt & Tungsten Carbide Tip Drill Bit

The same bit for every job!

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



ARTU-USA, Inc.  
330 Fields Drive  
Aberdeen, NC 28315  
P: (800) 367-2788  
F: (910) 944-1884  
sales@artu.com  
©2017 ARTU USA



www.artu.com

artu.com

\*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 Plexiglass	Hand drill or drill press slow speed - light pressure	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



Please be advised that ARTU Multi-Purpose Drill Bits are not recommended to be used on mild steel, i.e., angle iron, galvanized pipe, copper, aluminum, brass, stainless steel, etc. Instead, use ARTU's HSS or Cobalt Drill Bits. Refer to artu.com.

Sets	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 Clamshell	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"

Carded	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"	
	Pouch	ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
		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	
01024		3/16"	4-5/8"	7-1/2"	Straight	
01023		7/32"	3-1/4"	5-1/2"	Straight	
01031		1/4"	4-1/4"	6-1/4"	Straight	
01033		1/4"	4-3/4"	8"	Straight	
01041		5/16"	4-1/4"	6-1/4"	Straight	
01043		5/16"	4-3/4"	8"	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"	
Tube		ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
	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"	

Bulk	ITEM NUMBER	DIAMETER	FLUTE LENGTH	OVERALL LENGTH	SHANK
	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"	4-3/4"	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"	4-3/4"	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"	

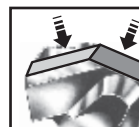
ARTU Multi-Purpose Drill Bits conform to ANSI standards. Precision bits accurate to -.05mm can be manufactured upon request.

## New! Quick Connect



ITEM NO. CARDED	ITEM NO. BULK	DIAMETER	FLUTE LENGTH	OVERALL LENGTH
01456	01455	1/8"	1-1/4"	2-7/8"
01458	01457	5/32"	1-1/2"	3-1/8"
01460	01459	3/16"	1-7/8"	3-1/2"
01464	01463	1/4"	2-1/4"	4-1/8"
01468	01467	5/16"	2-3/4"	4-1/2"
01472	01471	3/8"	2-7/8"	5-1/4"

Set	ITEM NUMBER	NO. OF PIECES	DESCRIPTION
	01540	6	1/8", 5/32", 3/16", 1/4", 5/16", 3/8"



ARTU MULTI-PURPOSE DRILL BITS CAN BE RE-SHARPENED BY GRINDING THE TWO FLAT SURFACES. To achieve the best results use the ARTU Silicon Carbide Grinding Wheel, item #01551.