

# Diamond Core Drills

## Diamond Drilling / Boring Drills

For Hard Tiles / Ceramics

# Service Warehouse



### Features:

- Made of close density diamond particles and are engineered to cut through materials where other bits fail.
- Drills to depths of one-half inch.
- Designed for cutting holes in any hard-to-drill surface, including wall tile, floor tile, glass, porcelain, ceramic and stone.



**NEW!**

BIT SIZE	HOLE SIZE		SHANK		OAL	DIAMOND GRIT SIZE	STOCK #
	OD	ID	DIA.	LENGTH			
1/8	.13	.07	5/32	1-5/8	2-1/4	60	DD7001
3/16	.19	.12	3/16	2-1/4	2-1/4	60	DD7002
1/4	.26	.19	1/4	2-1/4	2-1/4	60	DD7003
5/16	.32	.25	1/4	1	2-1/4	60	DD7004
3/8	.38	.31	1/4	1	2-1/4	60	DD7005
1/2	.51	.43	1/4	1	2-1/4	60	DD7006
5/8	.63	.54	5/16	1	2-1/4	50	DD7007
3/4	.76	.66	5/16	1	2-1/4	50	DD7008
7/8	.88	.78	5/16	1	2-1/4	50	DD7009
1	1.01	.90	5/16	1	2-1/4	50	DD7010
1-1/8	1.13	1.03	5/16	1	2-1/4	50	DD7011
1-1/4	1.26	1.16	5/16	1	2-1/4	50	DD7012
1-3/8	1.38	1.28	5/16	1	2-1/4	50	DD7013
1-1/2	1.51	1.40	5/16	1	2-1/4	50	DD7014

Individually packaged

### Directions for Use – NOT FOR USE ON CONCRETE OR MASONRY

- Diamond drills require adequate water lubrication, proper drill speed, and low drill pressure.
- Improper use can overheat bits, causing heat fractures and/or material breakage.
- Drill-life varies with drilling techniques used and thickness and hardness of material drilled.

**NOT FOR USE WITH HAMMER DRILLS**

### RECOMMENDED DRILL SPEED (RPM)

For Diamond Drilling / Boring Bits

Material	1/8" to 1/2"	5/8" to 1"	1-1/8" to 1-1/2"
Fiberglass	1200	700	525
Glass, Ceramic & China	800	500	375
Limestone & Marble Stone	600	450	325
Ceramic Wall Tile	600	450	325
Porcelain Wall Tile	500	375	275
Porcelain Floor Tile	500	375	275
Granite & Quartz Stone	400	300	225