

1-800-GRAINGER (472-4643)



20FR27

Cable Drill Bits for Wire Systems

Bits can bend around obstructions when drilling holes for running wire and cable in hard-to-reach areas. Wire-fishing holes allow wires to be pulled through surfaces after drilling. All bits, except Interchangeable Head and Shank bits, have a tip that prevents it from moving or walking during drilling.

Auger-Style—Wide flutes evacuate chips more efficiently than other styles of cable drill bits.

Interchangeable Head and Shank—Allows users to exchange the bits' head with a compatible head of a different style or replace the bits' shank with a shank of a different length.

Screw-Point—The tips have sharper threads and provide more pulling power than other styles of cable drill bits.

Serrated-Head—The serrated head helps pull the bits through walls and other surfaces.

Drill Bit Size	Overall Length	Shank Diameter	Shank Type	Item No.
Auger-Style Cable Drill Bits				
Carbon Steel Bright (Uncoated)				
3/4"	54"	1/4 in	Quick-Change Hex	33GM44
Carbon Steel Powder Coated				
1/2"	24"	3/16 in	Straight with Three Flats	20FR36
Interchangeable Head & Shank Cable Drill Bits				
Carbon Steel Nickel				
1/2"	6"	—	—	20FR01
3/4"	5"	—	—	20FP98
Screw-Point Cable Drill Bits				
Carbon Steel Powder Coated				
1/2"	54"	3/16 in	Straight with Three Flats	44YW03
3/16"	36"	3/16 in	Straight with Three Flats	20FR27
9/16"	72"	3/16 in	Straight with Three Flats	20FR29
3/4"	72"	1/4 in	Straight with Three Flats	20FR34
Serrated-Head Cable Drill Bits				
Carbon Steel Powder Coated				
1/4"	18"	3/16 in	Straight with Three Flats	33GM46
9/16"	72"	3/16 in	Straight with Three Flats	33GM60



BOSCH



Drill Bit Sets for Glass, Tile, and Porcelain

Designed to avoid damaging the bits or the workpiece when creating holes in glass, ceramic, tile, natural stone, and porcelain.

Number of Drill Bits	Drill Bit Sizes Included	Primary Material Application	Material - Machining	Brand	Item No.
3	1/4 in, 3/4 in, 1 1/4 in	Ceramic, Glass, Metal, Marble, Plaster, Steel	Carbide	WingIt	6UTD1
4	1/8 in, 3/16 in, 1/4 in, 3/8 in	Glass, Porcelain, Ceramic	Carbide Tipped	Bosch	49XX72
4	1/4 in, 5/16 in, 3/8 in, 1/2 in	Ceramic, Glass, Mirror, Porcelain	Diamond	Hydro-Handle	20RX71
5	1/4 in, 1/2 in, 3/4 in, 1 in, 1 1/4 in	Ceramic, Glass, Metal, Marble, Plaster, Steel	Carbide	WingIt	6UTD2
8	1/8 in, 3/16 in, 1/4 in, 3/8 in, 1/2 in, 5/8 in, 3/4 in	Glass, Porcelain, Ceramic	Carbide Tipped	Bosch	3DRN1
10	1/4 in, 3/8 in, 1/2 in, 3/4 in, 1 in, 1 1/8 in, 1 1/2 in, 1 3/4 in, 2 in	Ceramic, Glass, Mirror, Porcelain	Diamond	Hydro-Handle	20RX70



3DRN1



BOSCH

DEWALT



Drill Bits for Glass, Tile, and Stone

These bits are designed to avoid damaging the bits or the workpiece when drilling holes in glass, ceramic, tile, natural stone, and porcelain.

Arrow-Tip Drill Bits for Glass and Tile—Have a tip that helps stop them from moving or walking when starting a hole, and allows bits to drill holes that are smaller than their bit diameter. Create holes in tile, porcelain, ceramic, and mirror glass and are typically used for creating smaller holes than would be possible with diamond-tipped core bits for tile.

Diamond-Tip Core Bits for Tile—Bits have hollow centers surrounded by cutting edges that have been coated with diamond abrasives to allow the bits to grind through porcelain, tile, and other very hard materials. They cut through the perimeter of the hole during drilling and leave a solid slug of material that can be ejected through a side slot on the bits. Typically used for drilling larger holes than would be possible with arrow-tip drill bits for glass and tile.

Drill Bits for Natural Stone—Feature multiple cutting edges that allow them to create holes in natural stone tile, slate, granite, and other hard specialty tiles more quickly than standard drill bits for glass and tile. Bits have tips that help prevent them from moving or walking when starting to drill.

Drill Bit Kits for Porcelain Tile—Kits each have a drill bit for creating holes in porcelain tile with a scratch hardness of eight or less. They also come with a pilot bit for creating a starter hole prior to drilling which helps prevent the drill bit from moving or walking when starting to drill. Bits have spiral flutes that pull dust and chips out of the hole during drilling.

Drill Bit Size	Maximum Drilling Depth	Overall Length	Shank Diameter	Brand	Item No.
Arrow-Tip Drill Bits for Glass & Tile					
Straight Shank					
3/4 in	1 1/4 in	4 1/4 in	3/16 in	WingIt	6UTC9
Straight with Three Flats Shank					
1/8 in	2 1/2 in	2 in	1/8 in	Bosch	3AEE4
3/16 in	2 1/2 in	2 in	3/16 in	Bosch	3AED7
1/4 in	2 1/2 in	2 1/4 in	1/4 in	Bosch	3AED8
5/16 in	2 1/2 in	2 1/4 in	5/16 in	Bosch	3AED9
3/8 in	2 1/2 in	2 1/4 in	3/8 in	Bosch	3AEE1
1/2 in	2 1/2 in	3 3/4 in	1/2 in	Bosch	3AEE2
3/4 in	2 1/2 in	4 in	3/4 in	Bosch	3AEE3
Diamond-Tip Core Bits for Tile					
Straight Shank					
3/16 in	1 3/8 in	2 1/4 in	3/16 in	DeWalt	1ELF4
1/4 in	2 in	2 1/4 in	1/4 in	DeWalt	1ELF5
5/16 in	2 in	2 1/4 in	5/16 in	DeWalt	1ELF6
3/8 in	2 in	2 1/4 in	3/8 in	DeWalt	1ELF7
1/2 in	1 3/8 in	2 1/4 in	1/2 in	DeWalt	1ELF8
5/8 in	1 3/8 in	2 1/4 in	5/8 in	DeWalt	1ELF9
1 1/8 in	1 3/4 in	2 1/4 in	1 1/8 in	DeWalt	4WL72
1 in	2 in	2 1/4 in	1 in	DeWalt	1ELG2
Drill Bits for Natural Stone					
Straight Shank					
1/8 in	1 in	2 in	1/8 in	Bosch	49XX66
3/16 in	1 in	2 in	3/16 in	Bosch	49XX67
1/4 in	1 in	2 1/4 in	1/4 in	Bosch	49XX68
5/16 in	1 in	2 in	5/16 in	Bosch	49XX69
3/8 in	2 1/4 in	3 3/4 in	3/8 in	Bosch	49XX71
Straight with Three Flats Shank					
3/8 in	2 1/4 in	3 3/4 in	3/8 in	Bosch	49XX70
Drill Bit Kits for Porcelain Tile					
Straight Shank					
3/32 in	3 1/2 in	5 1/2 in	3/32 in	Artu	38A240
1/16 in	3 1/2 in	5 1/2 in	1/16 in	Artu	38A241
1/4 in	4 1/2 in	6 1/2 in	1/4 in	Artu	38A242
3/16 in	4 1/2 in	6 1/2 in	3/16 in	Artu	38A243
3/8 in	5 1/2 in	7 1/2 in	3/8 in	Artu	38A244



Arrow-Tip
3AEE4



Diamond-Tip
1ELF5