

CORING TOOLS – Thin Wall Diamond Core Bits

Thin-Wall Diamond (Pavement) Core Bits & Accessories – are available from USExploration Equipment Company in the Series-70 Heavy Duty style, capable of recovering nominal cores ranging from 1-inch (25.4 mm) to 36-inch (914.4 mm) diameters. Each disposable barrel comes equipped with the Hydra-Segment for maximum cutting efficiency in asphalt or concrete.

The Solid Head Barrels come with a 1-1/4 - 7 thread while the Open Head Barrels require an Expansion Adapter ordered separately.

The Series-70 Bits will do a great job getting that hole started through a concrete pad or other surface formations that cannot be penetrated with a Hollow Stem Auger Cutterhead. The Continuous Crown style Surface Set Diamond (Series-10) and Impregnated type (Series-20) have proven their value in both the Public and the Private Sector. When ordering, simply specify the “nominal” core diameter, open end or solid head and **remember that each barrel is (a maximum of) 14-inches (356mm) long...**



Replacement Thin-Wall Bits with Impregnated or Surface Set Diamonds

Nominal Core Diameter	Open End or Solid Head	Heavy Duty (Series-70) Surface Set (Series-10) Impregnated (Series-20)	Assembly Part Number
2-inch (51mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0200
2-3/4-inch (70mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0275
3-inch (76mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0300
3-1/2-inch (89mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0350
4-inch (102mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0400
4-1/2-inch (114mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0450
5-inch (127mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0500
5-1/2-inch	Solid Head	Heavy Duty	TWDCB-70H-0550

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(140mm)		Series-70	
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Nominal Core Diameter	Open End or Solid Head	Heavy Duty (Series-70) Surface Set (Series-10) Impregnated (Series-20)	Assembly Part Number
6-inch (152.4mm)	Solid Head	Heavy Duty Series-70	TWDCB-70H-0600
6-1/4-inch (159mm)	Solid Head	Maroon Impregnated Series-20	TWDCB-MS-0625
6-1/4-inch (159mm)	Open Head	Maroon Impregnated Series-20	TWDCB-MS-OH-0625
7-inch (178mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-0700
7-1/2-inch (190mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-0750
8-inch (203mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-0800
8-1/2-inch (216mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-0850
10-inch (254mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-1000
10-1/2-inch (267mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-1050
12-inch (305mm)	Solid Head	Heavy Duty Series-70	TWDCB-MS-1200

Expansion Adapter Fits Barrels with Nominal Core Diameter	Thread Type	Assembly Part Number
2-inch (51mm) Thru 2-3/4-inch (70mm)	1-1/4" x 7 Box	EA-70H-020
3-inch (76.2mm) Thru 3-1/2-inch (89mm)	1-1/4" x 7 Box	EA-70H-030
4-inch (102mm) Thru 4-1/2-inch (114mm)	1-1/4" x 7 Box	EA-70H-040
5-inch (127mm) Thru 5-1/2-inch (140mm)	1-1/4" x 7 Box	EA-70H-050
6-inch (152.4mm) Thru 6-1/4-inch (159mm)	1-1/4" x 7 Box	EA-70H-060
7-inch (178mm) Thru	1-1/4" x 7 Box	EA-70H-070

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7-1/2-inch (190mm) Expansion Adapter Fits Barrels with Nominal Core Diameter	Thread Type	Assembly Part Number
8-inch (203mm) Thru 8-1/2-inch (216mm)	1-1/4" x 7 Box	EA-70H-080
10-inch (254mm) Thru 10-1/2-inch (267mm)	1-1/4" x 7 Box	EA-70H-100
12-inch (305mm)	1-1/4" x 7 Box	EA-70H-120