



<b>Black Oxide Drill Bits</b>				
<i>High Speed Steel bits with a 135° Split Point</i>				
<i>Black Oxide Coating for more efficient chip removal</i>				
Diameter	Description	Qty	Part No.	
1/16"	Black Oxide	1	711301-A	
3/32"		1	711303-A	
1/8"		1	711305-A	
5/32"		1	711307-A	
3/16"		1	711309-A	
7/32"		1	711311-A	
1/4"		1	711313-A	
9/32"		1	711315-A	
5/16"		1	711317-A	
11/32"		1	711319-A	
3/8"		1	711321-A	
13/32"		1	711323-A	
7/16"		1	711325-A	
15/32"		1	711327-A	
1/2"		1	711329-A	
Includes: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4"		13	711300-A-B	
Includes: 1/16", 3/32", 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"		15	711300-A-C	



<b>Ultrafast Drill Bits</b>			
<i>Coated High Speed Steel for fast, clean drilling</i>			
<i>Aggressive chisel and rake angles penetrate material on contact.</i>			
<i>Self Centering 135° Split Point prevents "walking" and increases drilling speed.</i>			
<i>Enlarged precision ground flutes maximize chip removal and prevent binding.</i>			
<i>Premium quality High Speed Steel construction.</i>			
<i>Use requires little operator pressure .</i>			
Diameter	Overall Length	Flute Length	Part No.
1/16"	1-7/8"	7/8"	711330-A
5/64"	2"	1"	711331-A
3/32"	2-1/4"	1-1/4"	711332-A
7/64"	2-5/8"	1-1/2"	711333-A
1/8"	2-3/4"	1-5/8"	711334-A
9/64"	2-7/8"	1-3/4"	711335-A
5/32"	3-1/8"	2"	711336-A
11/64"	3-1/4"	2-1/8"	711337-A
3/16"	3-1/2"	2-5/16"	711338-A
13/64"	3-5/8"	2-7/16"	711339-A
7/32"	3-3/4"	2-1/2"	711340-A
15/64"	3-7/8"	2-5/8"	711341-A
1/4"	4"	2-3/4"	711342-A
17/64"	4-1/8"	2-7/8"	711343-A
9/32"	4-1/4"	2-15/16"	711344-A
19/64"	4-3/8"	3-1/16"	711345-A
5/16"	4-1/2"	3-1/16"	711346-A
21/64"	4-5/8"	3-5/16"	711347-A
11/32"	4-3/4"	3-7/16"	711348-A
23/64"	4-7/8"	3-1/2"	711349-A
3/8"	5"	3-5/8"	711350-A
25/64"	5-1/8"	3-3/4"	711351-A
13/32"	5-1/4"	3-7/8"	711352-A
27/64"	5-3/8"	3-15/16"	711353-A
7/16"	5-1/2"	4-1/16"	711354-A
29/64"	5-5/8"	4-3/16"	711355-A
15/32"	5-3/4"	4-5/16"	711356-A
31/64"	5-7/8"	4-3/8"	711357-A
1/2"	6"	4-1/2"	711358-A
25/64"	5-1/8"	3-3/4"	711359-A
13/32"	5-1/4"	3-7/8"	711360-A
27/64"	5-3/8"	3-15/16"	711361-A
7/16"	5-1/2"	4-1/16"	711362-A
29/64"	5-5/8"	4-3/16"	711363-A
15/32"	5-3/4"	4-5/16"	711364-A
31/64"	5-7/8"	4-3/8"	711365-A
1/2"	6"	4-1/2"	711366-A



<b>Titanium Nitride Coated Drill Bits</b>			
<i>Titanium Coating reduces heat buildup to prolong the life of the bit</i>			
<i>Industrial Quality High Speed Steel Construction</i>			
<i>Self Centering 135° Split Point prevents "walking"</i>			
<i>Appropriate for all Metal, Wood and Plastic applications</i>			
Diameter	Overall Length	Flute Length	Part No.
1/16"	1-7/8"	7/8"	710051-A
5/64"	2"	1"	710052-A
3/32"	2-1/4"	1-1/4"	710053-A
7/64"	2-5/8"	1-1/2"	710054-A
1/8"	2-3/4"	1-5/8"	710055-A
9/64"	2-7/8"	1-3/4"	710056-A
5/32"	3-1/8"	2"	710057-A
11/64"	3-1/4"	2-1/8"	710057-B
3/16"	3-1/2"	2-5/16"	710058-A
13/64"	3-5/8"	2-7/16"	710058-B
7/32"	3-3/4"	2-1/2"	710059-A
15/64"	3-7/8"	2-5/8"	710059-B
1/4"	4"	2-3/4"	710060-A
17/64"	4-1/8"	2-7/8"	710060-B
9/32"	4-1/4"	2-15/16"	710060-C
19/64"	4-3/8"	3-1/16"	710060-D
5/16"	4-1/2"	3-1/16"	710061-A
21/64"	4-5/8"	3-5/16"	710061-B
11/32"	4-3/4"	3-7/16"	710061-C
23/64"	4-7/8"	3-1/2"	710061-D
3/8"	5"	3-5/8"	710062-A
25/64"	5-1/8"	3-3/4"	710062-B
13/32"	5-1/4"	3-7/8"	710062-C
27/64"	5-3/8"	3-15/16"	710062-D
7/16"	5-1/2"	4-1/16"	710063-A
29/64"	5-5/8"	4-3/16"	710063-B
15/32"	5-3/4"	4-5/16"	710063-C
31/64"	5-7/8"	4-3/8"	710063-D
1/2"	6"	4-1/2"	710064-A



<b>High Speed Steel Drill Bits</b>			
<i>Aggressive chisel and rake angles penetrate material on contact</i>			
<i>Self Centering 135° Split Point prevents "walking" and increases drilling speed</i>			
<i>Enlarged precision ground flutes maximize chip removal and prevent binding</i>			
<i>Premium quality High Speed Steel construction</i>			
<i>Use requires little operator pressure</i>			
Diameter	Overall Length	Flute Length	Part No.
1/16"	1-7/8"	7/8"	710001-A
5/64"	2"	1"	710002-A
3/32"	2-1/4"	1-1/4"	710003-A
7/64"	2-5/8"	1-1/2"	710004-A
1/8"	2-3/4"	1-5/8"	710005-A
9/64"	2-7/8"	1-3/4"	710006-A
5/32"	3-1/8"	2"	710007-A
11/64"	3-1/4"	2-1/8"	710007-B
3/16"	3-1/2"	2-5/16"	710008-A
13/64"	3-5/8"	2-7/16"	710008-B
7/32"	3-3/4"	2-1/2"	710009-A
15/64"	3-7/8"	2-5/8"	710009-B
1/4"	4"	2-3/4"	710010-A
17/64"	4-1/8"	2-7/8"	710010-B
9/32"	4-1/4"	2-15/16"	710010-C
19/64"	4-3/8"	3-1/16"	710010-D
5/16"	4-1/2"	3-1/16"	710011-A
21/64"	4-5/8"	3-5/16"	710011-B
11/32"	4-3/4"	3-7/16"	710011-C
23/64"	4-7/8"	3-1/2"	710011-D
3/8"	5"	3-5/8"	710012-A
25/64"	5-1/8"	3-3/4"	710012-B
13/32"	5-1/4"	3-7/8"	710012-C
27/64"	5-3/8"	3-15/16"	710012-D
7/16"	5-1/2"	4-1/16"	710013-A
29/64"	5-5/8"	4-3/16"	710013-B
15/32"	5-3/4"	4-5/16"	710013-C
31/64"	5-7/8"	4-3/8"	710013-D
1/2"	6"	4-1/2"	710014-A



<b>Cobalt Drill Bits</b>			
<i>Made from M-42 Cobalt High Speed Steel for greater heat and abrasion resistance in Stainless Steel and Titanium.</i>			
<i>Precision ground flutes for increased accuracy and better chip removal.</i>			
<i>Heavy duty thick web construction to resist breakage</i>			
<i>Self Centering 135° Split Point prevents "walking" and increases drilling speed.</i>			
Diameter	Overall Length	Flute Length	Part No.
1/16"	1-7/8"	7/8"	711401-A
3/32"	2-1/4"	1-1/4"	711402-A
5/32"	3-1/8"	2"	711404-A
3/16"	3-1/2"	2-5/16"	711405-A
7/32"	3-3/4"	2-1/2"	711406-A
1/4"	4"	2-3/4"	711407-A
9/32"	4-1/4"	2-15/16"	711408-A
5/16"	4-1/2"	3-1/16"	711409-A
11/32"	4-3/4"	3-7/16"	711410-A
3/8"	5"	3-5/8"	711411-A
13/32"	5-1/4"	3-7/8"	711412-A
7/16"	5-1/2"	4-1/16"	711413-A
15/32"	5-3/4"	4-5/16"	711414-A
1/2"	6"	4-1/2"	711415-A

**Bi-Metal Hole Saws**



- Variable pitch teeth cut faster, last longer
- Extra hard high speed steel teeth
- Flexible, shatter resistant steel body for long life and durability
- Deeper cutting than standard Bi-Metal Hole Saws
- Drills through steel and wood

**Bi-Metal Hole Saws**

Diameter	Pipe Entrance Size	Pipe Tap Size	Per No (Card)	Part No (Box)	Arbor
9/16"				714001-A	Use with Arbor 714060-A (1/4" Chuck)
5/8"				714002-A	
11/16"				714003-A	
3/4"			714004-B	714004-A	
13/16"				714005-A	
7/8"	1/2"	3/4"	714006-B	714006-A	
15/16"				714007-A	
1"			714008-B	714008-A	
1-1/16"				714009-A	
1-1/8"	3/4"	1"	714010-B	714010-A	
1-3/16"				714011-A	
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1-1/4"			714012-B	714012-A	Use with Arbor 714063-A (3/8" Chuck)
1-5/16"				714013-A	
1-3/8"	1"		714014-B	714014-A	
1-7/16"				714015-A	
1-1/2"		1-1/2"	714016-B	714016-A	
1-9/16"				714017-A	
1-5/8"			714018-B	714018-A	
1-11/16"				714019-A	
1-3/4"	1-1/4"	1-1/2"	714020-B	714020-A	
1-13/16"				714021-A	
1-7/8"			714022-B	714022-A	
2"	1-1/2"		714023-B	714023-A	
2-1/16"				714024-A	
2-1/8"			714025-B	714025-A	
2-1/4"		2"	714026-B	714026-A	
2-5/16"				714027-A	
2-3/8"				714028-A	
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2-1/2"	2"		714029-B	714029-A	Use with Arbor 714065-A (1/2" Chuck)
2-9/16"				714030-A	
2-5/8"		2-1/2"		714031-A	
2-3/4"			714032-B	714032-A	
2-7/8"				714033-A	
3"	2-1/2"		714034-B	714034-A	
3-1/8"				714035-A	
3-1/4"		3"	714036-B	714036-A	
3-3/8"				714037-A	
3-1/2"			714038-B	714038-A	
3-5/8"		3"		714039-A	
3-3/4"		3-1/2"	714040-B	714040-A	
3-7/8"				714041-A	
4"			714042-B	714042-A	
4-1/8"	3-1/2"			714043-A	
4-1/4"				714044-A	
4-3/8"				714045-A	
4-1/2"	4"			714046-A	
4-3/4"		4-1/2"		714047-A	
5"				714048-A	
5-1/2"				714049-A	
6"				714050-A	

**Bi-Metal Hole Saw Arbors**

Shank Size	Thread Size	Chuck Size	1 per Card	1 per Box
1/4" Round	1/2" - 20	1/4"	714060-B	714060-A
3/8" Hex	1/2" - 20	3/8"		714061-A
7/16" Hex	1/2" - 20	1/2"	714062-B	714062-A
3/8" Hex	5/8" - 18	3/8"	714063-B	714063-A
7/16" Hex	5/8" - 18	1/2"	714065-B	714065-A
5/8" Hex	5/8" - 18	3/4"		714066-A
<b>Description</b>			<b>For Arbor Part No.</b>	<b>Part No.</b>
12" Extension for 7/16" Shank Arbors				714067-A
1/4" x 2-3/4" Replacement Pilot Drill Bit			714062-A / 714062-B, 714065-A / 714065-B	714069-A
1/4" x 4-1/2" Replacement Pilot Drill Bit				714068-A



**Forstner Bits**

Diameter	Overall Length	Shank Size	Part No.
1/4"			733308-A
3/8"			733309-A
1/2"			733310-A
5/8"			733311-A
3/4"			733312-A
7/8"			733313-A
1"			733314-A
1-1/8"	3-1/2"	3/8"	733315-A
1-1/4"			733316-A
1-3/8"			733317-A
1-1/2"			733318-A
1-5/8"			733319-A
1-3/4"			733320-A
1-7/8"			733321-A
2"			733322-A

- Ideal for drilling clean, chip free holes in wood
- Large gullets produce exceptional chip clearance
- Sharp center spur accurately locates center of hole for precise drilling



**Self Feed Bits**

Diameter	For Pipe Diameter	Part No.
1"		714101-A
1-1/8"	1/2"	714102-A
1-1/4"	3/4"	714103-A
1-3/8"		714104-A
1-1/2"	1"	714105-A
1-3/4"	1-1/4"	714106-A
2"		714107-A
2-1/8"	1-1/2"	714108-A
2-1/4"		714109-A
3"		714111-A
4-5/8"	4"	714113-A
5-1/2" Extension		714120-A
12" Extension		714121-A
18" Extension		714122-A
Double Ended Screw Point for 1" - 3" Bits		714123-A
Double Ended Screw Point for 3-5/8" - 4-5/8" Bits		714124-A

- Used by Plumbers, Electricians and more for boring pipe and conduit holes in wood
- Outlining spurs accurately define hole diameter
- Threaded screw point pulls bit into material creating an easy to use self-feeding action
- Heavy duty 1/2" shanks have 3 milled flats for secured gripping in drill chuck
- 4-5/8" diameter bit features double chip lifters for quick and efficient chip removal

**Heavy Duty "Spur" Spade Bits**

Diameter	Overall Length	Part No.
1/4"	6-1/8"	714154-A
5/16"	6-1/8"	714155-A
3/8"	6-1/8"	714156-A
3/8"	16"	714147-A
7/16"	6-1/8"	714157-A
1/2"	6-1/8"	714158-A
1/2"	16"	714148-A
9/16"	6-1/8"	714159-A
5/8"	6-1/8"	714160-A
5/8"	16"	714150-A
11/16"	6-1/8"	714161-A
3/4"	6-1/8"	714162-A
3/4"	16"	714151-A
13/16"	6-1/8"	714163-A
7/8"	6-1/8"	714164-A
7/8"	16"	714152-A
15/16"	6-1/8"	714165-A
1"	6-1/8"	714166-A
1"	16"	714153-A
1-1/8"	6-1/8"	714167-A
1-1/4"	6-1/8"	714168-A
1-3/8"	6-1/8"	714169-A
1-1/2"	6-1/8"	714170-A
6 Piece Set (Includes: 3/8", 1/2", 5/8", 3/4", 7/8", 1")		714171-A

- "Spurs" cut cleaner, more accurate holes through hardwood
- Chisel edge design is positively angled and aggressively digs into wood
- Strong, durable spade bits designed to last in heavy duty applications.



# DRILLS



Ship Auger Bits			
Diameter	Overall Length	Shank Size	Part No.
3/8"	18"	5/16"	714224-A
7/16"	18"	5/16"	714225-A
1/2"	18"	5/16" ***	714226-A
9/16"	18"	7/16" ***	714227-A
5/8"	8"	7/16" ***	714241-A
5/8"	18"	7/16" ***	714228-A
11/16"	18"	7/16" ***	714229-A
3/4"	8"	7/16"	714243-A
3/4"	18"	7/16"	714230-A
13/16"	8"	7/16" ***	714244-A
13/16"	18"	7/16" ***	714231-A
7/8"	8"	7/16"	714245-A
7/8"	18"	7/16"	714232-A
1"	8"	7/16"	714247-A
1"	18"	7/16"	714234-A
1-1/8"	18"	7/16"	714235-A
1-1/4"	18"	7/16"	714236-A
1-3/8"	18"	7/16"	714237-A
1-1/2"	18"	7/16"	714238-A
2-1/4" Counter Bore for holes less than 5/8" diameter			714114-A

\*\*\* Bits accepting counter bore.



- Molybdenum Coating works as a dry lubricant to reduce friction and heat
- Heat treated to cut through tough nails
- Machined on true center to pull bits straighter and faster with no wobble
- Counter bore allows bolt head and nuts to be recessed without additional tools
- 18" lengths allow deep boring in telephone and power poles, docks, bridges, large timbers and more.

## 30" Extension Attachment

193317-9



DA4000LR

- Extends the reach of drill up to 30"
- Operates at same rate as drill up to 600 RPM with no power loss



## Right Angle Attachment



- Ideal for buffing and sanding
- Reaches into tight places
- Rotates 360° in any direction

DA4000LR

193316-1

6013BR

122177-2

## Bi-Metal Lock Installation Kit

714051-B

Includes:

- 1 - 2-1/8" Bi-Metal Hole Saw
- 1 - 1" Bi-Metal Hole Saw
- 1 - Arbor Adapter
- 1 - Arbor



## 8 Piece Electrician's Bi-Metal Hole Saw Kit

714000-A-C

Includes:

- 1 - Hole Saw Sizes 7/8", 1-1/8", 1-3/8", 1-3/4", 2", & 2-1/2"
- 1 - 3/8" Shank Arbor
- 1 - 7/16" Shank Arbor



## 8 Piece Plumbers Bi-Metal Hole Saw Kit

714000-A-D

Includes:

- 1 - Hole Saw Sizes 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", & 2-1/4"
- 1 - 3/8" Shank Arbor
- 1 - 7/16" Shank Arbor



## 13 Piece Plumbers & Electrician's Bi-Metal Hole Saw Kit

714000-A-B

Includes:

- 1 - Hole Saw Sizes 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2-1/4", & 2-1/2"
- 1 - 3/8" Shank Arbor
- 1 - 12" Extension
- 2 - 7/16" Shank Arbor



## Drilling Bit Sets in metal Index Case

- Index folds out for bench top usage
- Small bits displayed in front rows for easy access

Qty./Pkg.

Description

Part #

13 Piece Set Includes 1 each: 1/16" to 1/4" by 64ths 711330-B-C

15 Piece Set Includes 1 each: 1/16" to 1/2" by 32nds 711330-B-D

21 Piece Set Includes 1 each: 1/16" to 3/8" by 64ths 711330-B-E

29 Piece Set Includes 1 each: 1/16" to 1/2" by 64ths 711330-B-F

