

Magnetic Base Drill & Annular Cutters

Annular Cutters

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Spira-Broach™

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Using the Latest Manufacturing and

Design Technology to provide hole-cutting solutions

for a Wide Range of Industries: • Construction • Steel Fabrication

- Oil & Gas • Mining • Shipyards • Offshore Oil/Gas Rigs • Structural Steelwork
- Automotive • Highway and Railroad Bridgework • Petrochemical Plants • Welding Shops
- Railroads • HVAC • Machinery Installation

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Magnetic Base Drill Machines

SPIRA-BROACH™ MAG-BASED DRILLS

MBD 40

The Spira-Broach™ MBD 40 is a light, yet powerful magnetic drill with the ability to cut large diameter holes up to 1-1/2".

Features:

- Cutter capacity 1-1/2"
- Automatic coolant
- Clutch and Overload protection
- Twist Drill Capacity 1/2"
- Six variable speeds 270-610 RPM
- Carry case, drill chuck and accessories included
- Magnetic adhesion: 1650 lbs.
- COO-UK

Technical Specifications:	• Speed RPM 350 Load
	• Speed RPM 610 No Load
	• Weight - only 32.2 lbs.
	• Max hole cutting capacity: 1/2" dia x 2" deep
	• Motor Spec: 110V full load 11A 1100W
	230V full load 5A 1100W

Part No.	Size	Qty.
12420	MBD 40	1



MBD 6500 - Heavy Duty

Spira-Broach™ MBD 6500 variable speed Magnetic based drill.

- Features:**
- Two gear ranges
 - Morse Taper allows for quick conversion to twist drilling
 - Convenient carrying case

Technical Specifications:	• Power 1.5hp	• Cutter Capacity 2"
	• Morse Taper -2	• Speed Ranges - 280/ 500 rpm
Includes:	• Magnet Adhesion - 2000 lbs.	• Weight - 40 lbs.
	• Integral lubrication system	• Warranty
	• Allen keys	• Safety strap & guard

Part No.	Description	Qty.
17920	MBD 6500	1
00952	Drill Chuck with #2 Morse Taper	1



Portable Magnetic Base Drills - Spira-Broach™

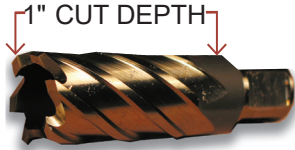
Annular Cutters

SPIRA-BROACH™ ANNULAR CUTTERS

Types 13SP, Type 13LSP

M2 High-Speed Steel Cutters

- High tungsten content increases abrasion resistance resulting in a tough tool with long lasting durability.
- M2 excellent all purpose capability.**
- COO-UK



Type 13SP
M2, Hi-Tungsten



Type 14
COBALT

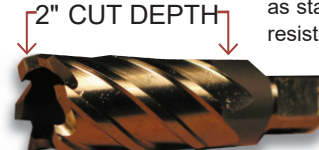


Type 15C
Carbide Tipped

Type 14, Types 14L

M35 Cobalt Cutters
Gold Finish

- Cobalt added to increase heat resistance.
- M35 Increased hardness for tough jobs.**
- COO-UK



Type 13LSP
M2, Hi-Tungsten



Type 14L
COBALT



Type 15CL
Carbide Tipped

Type 15C & 15CL

Cobalt CT Spira-Broach Carbide Annular Cutters

- Spira-Broach carbide tipped annular cutters outperform high-speed steel annular cutters when drilling harder when drilling harder materials such as stainless steel, grade wear resistant steel. • COO-CHINA

Annular Cutters - Spira-Broach™ M2 M35 & M42

Type 13SP M2 Part #	Type 14 M35 Part #	Type 15C Carbide Tipped Part #	Cutter Diameter	Qty.
16311	16631	15651	7/16"	1
16321	16641	15661	1/2"	1
16331	16651	15671	9/16"	1
16341	16661	15681	5/8"	1
16351	16671	15691	11/16"	1
16361	16681	15701	3/4"	1
16371	16691	15711	13/16"	1
16381	16701	15721	7/8"	1
16391	16711	15731	15/16"	1
16401	16721	15741	1"	1
16411	16731	15751	1-1/16"	1
16421	16741	15761	1-1/8"	1
16431	16751	15771	1-3/16"	1
16441	16761	15781	1-1/4"	1
16451	16771	15791	1-5/16"	1
16461	16781	15801	1-3/8"	1
16471	16791	15811	1-7/16"	1
16481	16801	15821	1-1/2"	1
16491	16811	15831	1-9/16"	1
16501	16821	15841	1-5/8"	1
16511	16831	15851	1-11/16"	1
16521	16841	15861	1-3/4"	1
16531	16851	15871	1-13/16"	1
16541	16861	15881	1-7/8"	1
16551	16871	15891	1-15/16"	1
16561	16881	15901	2"	1
16571	16891	15911	2-1/16"	1
16581	16911	15921	2-1/8"	1
16591	16921	15931	2-3/16"	1
16601	16931	15941	2-1/4"	1
16611	16941	15951	2-5/16"	1
16621	16951	15961	2-3/8"	1

Type 13LSP M2 Part #	Type 14L M35 Part #	Type 15CL Carbide Tipped Part #	Cutter Diameter	Qty.
16312	16632	15652	7/16"	1
16322	16642	15662	1/2"	1
16332	16652	15672	9/16"	1
16342	16662	15682	5/8"	1
16352	16672	15692	11/16"	1
16362	16682	15702	3/4"	1
16372	16692	15712	13/16"	1
16382	16702	15722	7/8"	1
16392	16712	15732	15/16"	1
16402	16722	15742	1"	1
16412	16732	15752	1-1/16"	1
16422	16742	15762	1-1/8"	1
16432	16752	15772	1-3/16"	1
16442	16762	15782	1-1/4"	1
16452	16772	15792	1-5/16"	1
16462	16782	15802	1-3/8"	1
16472	16792	15812	1-7/16"	1
16482	16802	15822	1-1/2"	1
16492	16812	15832	1-9/16"	1
16502	16822	15842	1-5/8"	1
16512	16832	15852	1-11/16"	1
16522	16842	15862	1-3/4"	1
16532	16852	15872	1-13/16"	1
16542	16862	15882	1-7/8"	1
16552	16872	15892	1-15/16"	1
16562	16882	15902	2"	1
16572	16892	15912	2-1/16"	1
16582	16912	15922	2-1/8"	1
16592	16922	15932	2-3/16"	1
16602	16932	15942	2-1/4"	1
16612	16942	15952	2-5/16"	1
16622	16952	15962	2-3/8"	1

Pilot Pins for 1" Cut Depth		
Part #	Description	Size
00902	1/4" dia. pin fits One inch Depth cutters 1/2" & Larger	PP1/4" x 1"
13710	11/64" dia. Pin fits 7/16" --- 1" Depth cutter	

Pilot Pins for 2" Cut Depth		
Part #	Description	Size
00903	1/4" dia. pin fits Two inch Depth cutters 1/2" & Larger	PP1/4" x 2"
13720	11/64" dia. Pin fits 7/16" --- 2" Depth cutter	

Pilot Pins for Type 15C - 1" Cut Depth		
Part #	Description	Size
15601	1/4" dia. pin for 1/2" - 5/8"	PP1/4" x 1"
15611	5/16" dia. pin for 11/16" - 2-3/8"	PP5/16" x 1"
15621	7/16" dia. pin for 7/16"	PP7/16" x 1"

Pilot Pins for Type 15CL - 2" Cut Depth		
Part #	Description	Size
15602	1/4" dia. pin for 1/2" - 5/8"	PP1/4" x 2"
15612	5/16" dia. pin for 11/16" - 2-3/8"	PP5/16" x 2"
15622	7/16" dia. pin for 7/16"	PP7/16" x 2"

Annular Cutters

SPIRA-BROACH™ ANNULAR CUTTERS & COUNTER DISPLAY

Spira-Broach™ Annular Cutters

These unique cutters reduce time and power requirements by cutting larger diameter holes at the periphery leaving solid slug in the center.

SPIRA-BROACH Cutters

- Give the lowest cost per hole
- Cut on curved surfaces
- Allow overlapping cuts on existing holes
- Stay sharp much longer
- Leaves a burr-free hole



SB-5 1" & 2" LENGTH

9/16", 11/16", 13/16", 15/16", 1-1/16"

Part #	Pin	Type	Metal
16901	1" Pin	14	M42
16902	2" Pin	14L	M42
16624	1" Pin	13SP	M2 HSS
16629	2" Pin	13LSP	M2 HSS
15971	1" Pin	15-C	Hi-Carbon
15972	2" Pin	15-CL	Hi-Carbon



ANNULAR CUTTER DISPLAYS

Annular Cutters

- Compact metal case attractively displays annular cutters.
- Scratch proof Lexan front reduces pilferage and keeps merchandise clean.
- Includes: 1" pins and 2" pins for each size

ANNULAR CUTTERS COUNTER DISPLAY

1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16"

Part#		Size	Type	Qty.
00944	M-35	SB-20HS	14	1
00949	M-2 HSS	SB-20SP	13SP	1
15981	Carbide Tipped	SB-20	15-C	1



Annular Cutters - Spira-Broach™ Counter Display & Sets