Magnetic Base Drill & Annular Cutters

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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
SPIRA-BROACH™ MAG-BASED DRILLS

MBD 4500 - Low Profile
Spira-Broach™ MBD 4500 Magnetic-Based Drill

Features:
- Quick release chuck
- Low height for confined spaces
- LED light for improved vision in dark areas
- Accepts standard 3/4" shank annular cutters
- Removable handle can be used on either side
- 1- 3/8" cutters capacity
- Horsepower 1.5
- RPM load 390
- Weight 25 pounds
- Magnetic Strength: 3,300 lbs.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description/ Size</th>
<th>Qty.</th>
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</thead>
<tbody>
<tr>
<td>12400</td>
<td>MBD 4500</td>
<td>1</td>
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</tbody>
</table>

MBD 7000 - Heavy Duty w/ Reverse
Spira-Broach™ MBD 7000 variable speed Magnetic based drill with reversible motor

Features:
- Reversible motor for tapping
- Variable Speed Control
- Morse Taper allows for quick conversion to twist drilling
- Two gear ranges
- Convenient carrying case
- 2-Inch cutter capacity

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Qty.</th>
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<tbody>
<tr>
<td>17920</td>
<td>MBD 6500</td>
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<tr>
<td>17930</td>
<td>MBD 7000</td>
<td>1</td>
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<tr>
<td>00952</td>
<td>Drill Chuck with #2 Morse Taper</td>
<td>1</td>
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</tbody>
</table>

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

Also Includes:
- Integral lubrication system
- Warranty
- Allen keys
- Safety strap & guard

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

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

Technical Specifications:
- Power 1.5hp • Cutter Capacity 2"
- Morse Taper -2 • Speed Ranges - 280/500 rpm
- Magnet Adhesion - 2000 lbs. • Weight - 40 lbs.

Also Includes:
- Integral lubrication system
- Warranty
- Allen keys
- Safety strap & guard

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www.vikingdrill.com
### Annular Cutters - Spira-Broach™ M2, M35 & M42

#### 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**

**Types 14, Types 14L**
M35 Cobalt Cutters
- Gold Finish
- Similar to M2, 6% cobalt added to increase heat resistance
- M35 increased hardness for tough jobs

**Types 15, Type 15L**
M42 Gold Finish Super Cobalt Steel
- Molybdenum-chromium vanadium tungsten with 8% cobalt superior red hot hardness compared to conventional high speed steel.
- M42 longest tool life in the most difficult applications

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**Pilot Pins for 1” Cut Depth**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Size</th>
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</thead>
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<tr>
<td>00902</td>
<td>1/4” Dia. Pin fits one 1” Depth cutters 1/2” &amp; larger</td>
<td>PP1/4x1</td>
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**Pilot Pins for 2” Cut Depth**

<table>
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<th>Part No.</th>
<th>Description</th>
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<tr>
<td>00903</td>
<td>1/4” Dia. Pin fits two inch Depth cutters 1/2” &amp; larger</td>
<td>PP 1/4x2</td>
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**Part No.** | **Description** | **Size**
---|---|---
16311 | 16631 | 14351 | 7/16” | 1
16321 | 16641 | 14391 | 1/2” | 1
16331 | 16651 | 14431 | 9/16” | 1
16341 | 16661 | 14471 | 5/8” | 1
16351 | 16671 | 14511 | 11/16” | 1
16361 | 16681 | 14551 | 3/4” | 1
16371 | 16691 | 14591 | 13/16” | 1
16381 | 16701 | 14631 | 1 7/8” | 1
16391 | 16711 | 14671 | 15/16” | 1
16401 | 16721 | 14711 | 1” | 1
16411 | 16731 | 14751 | 1-1/16” | 1
16421 | 16741 | 14791 | 1-1/8” | 1
16431 | 16751 | 14831 | 1-3/16” | 1
16441 | 16761 | 14871 | 1-1/4” | 1
16451 | 16771 | 14911 | 1-5/16” | 1
16461 | 16781 | 14951 | 1-3/8” | 1
16471 | 16791 | 14991 | 1-7/16” | 1
16481 | 16801 | 15031 | 1-1/2” | 1
16491 | 16811 | 15051 | 1-9/16” | 1
16501 | 16821 | 15071 | 1-5/8” | 1
16511 | 16831 | 15091 | 1-11/16” | 1
16521 | 16841 | 15111 | 1-3/4” | 1
16531 | 16851 | 15131 | 1-13/16” | 1
16541 | 16861 | 15151 | 1-7/8” | 1
16551 | 16871 | 15171 | 1-15/16” | 1
16561 | 16881 | 15191 | 2” | 1
16571 | 16891 | 15211 | 2-1/16” | 1
16581 | ------ | 15231 | 2-1/8” | 1
16591 | ------ | 15251 | 2-3/16” | 1
16601 | ------ | 15271 | 2-7/16” | 1
16611 | ------ | 15281 | 2-5/16” | 1
16621 | ------ | 15291 | 2-3/8” | 1

**Part No.** | **Description** | **Size**
---|---|---
193710 | 11/64” Dia. Pin fits 7/16” -- 1” Depth cutter | PP1/4x1

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**Part No.** | **Description** | **Size**
---|---|---
13720 | 11/64” Dia. Pin fits 7/16” -- 2” Depth cutter | PP 1/4x2
SPIRA-BROACH™ ANNULAR CUTTERS & COUNTER DISPLAY

5 pcs. 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

<table>
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<tr>
<th>SB-5</th>
<th>1&quot; &amp; 2&quot; LENGTH</th>
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<tbody>
<tr>
<td>9/16&quot;, 11/16&quot;, 13/16&quot;, 15/16&quot;, 1-1/16&quot;</td>
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<table>
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<tr>
<th>Part #</th>
<th>Pin</th>
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<th>Metal</th>
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<tbody>
<tr>
<td>15301</td>
<td>1&quot; Pin</td>
<td>15</td>
<td>M42</td>
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<tr>
<td>15302</td>
<td>2&quot; Pin</td>
<td>15L</td>
<td>M42</td>
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<tr>
<td>16901</td>
<td>1&quot; Pin</td>
<td>14</td>
<td>M35</td>
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<tr>
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<td>16624</td>
<td>1&quot; Pin</td>
<td>13SP</td>
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<td>16629</td>
<td>2&quot; Pin</td>
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<td>M2 HSS</td>
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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

<table>
<thead>
<tr>
<th>Annular Cutters Counter Display</th>
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<th>Part #</th>
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<td>00943</td>
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<td>SB-20</td>
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<td>00944</td>
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<td>SB-20HS</td>
<td>14</td>
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<td>00949</td>
<td>M-2 HSS</td>
<td>SB-20SP</td>
<td>13SP</td>
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