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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
Magnetic Base Drill Machines

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 adhesion: 1650 lbs.

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

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”
• Carry case, drill chuck and accessories included
• Magnetic adhesion: 1650 lbs.

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

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

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

Technical Specifications:
• 2-Inch cutter capacity

Includes:
• Integral lubrication system • Safety strap & guard

Part No. Description/ Size Qty.
12420 MBD 4000 1

Part No. Description Qty.
12420 MBD 4000 1

Part No. Description Qty.
17920 MBD 6500 1
17930 MBD 7000 1
00952 Drill Chuck with #2 Morse Taper 1

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

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

Part No. Description Qty.
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17930 MBD 7000 1
00952 Drill Chuck with #2 Morse Taper 1

Technical Specifications:
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• Speed RPM 610 No Load
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• Motor Spec: 110V full load 11A 1100W
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Includes:
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• Allen keys • Safety strap & guard

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17930 MBD 7000 1
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17930 MBD 7000 1
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Includes:
• Integral lubrication system • Warranty
• Allen keys • Safety strap & guard
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**

### Type 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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<tbody>
<tr>
<td>00902</td>
<td>1/4&quot; dia. pin fits one inch depth cutters 1/2&quot; &amp; larger</td>
<td>PP1/4x1</td>
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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>13710</td>
<td>11/64&quot; dia. pin fits 7/16&quot; -- 1&quot; depth cutter</td>
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#### Pilot Pins for 2" Cut Depth

<table>
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<th>Part No.</th>
<th>Description</th>
<th>Size</th>
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<td>00903</td>
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<td>PP 1/4x2</td>
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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>13720</td>
<td>11/64&quot; dia. pin fits 7/16&quot; -- 2&quot; depth cutter</td>
</tr>
</tbody>
</table>
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

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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Size</th>
<th>Type</th>
<th>Qty.</th>
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<tbody>
<tr>
<td>00943</td>
<td>M-42</td>
<td>SB-20</td>
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<tr>
<td>00944</td>
<td>M-35</td>
<td>SB-20HS</td>
<td>14</td>
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<tr>
<td>00949</td>
<td>M-2 HSS</td>
<td>SB-20SP</td>
<td>13SP</td>
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</table>

SB-5 1” & 2” LENGTH

<table>
<thead>
<tr>
<th>Part #</th>
<th>Pin</th>
<th>Type</th>
<th>Qty.</th>
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</thead>
<tbody>
<tr>
<td>15301</td>
<td>1&quot; Pin</td>
<td>15 M42</td>
<td>15</td>
</tr>
<tr>
<td>15302</td>
<td>2&quot; Pin</td>
<td>15L M42</td>
<td>14</td>
</tr>
<tr>
<td>16901</td>
<td>1&quot; Pin</td>
<td>14 M35</td>
<td>13SP</td>
</tr>
<tr>
<td>16902</td>
<td>2&quot; Pin</td>
<td>14L M35</td>
<td>13LSP</td>
</tr>
<tr>
<td>16624</td>
<td>1&quot; Pin</td>
<td>13SP M2 HSS</td>
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<tr>
<td>16629</td>
<td>2&quot; Pin</td>
<td>13LSP M2 HSS</td>
<td></td>
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