Accessories

Starter Kits

CS Unitec starter kits offer the essentials you need to begin drilling. We have three options that provide a cost-effective tool set for your application.

HSS Steel Cutter Starter Kit

**ZST 100S** Kit Includes:
Set of 5 annular cutters (one each of the following):
- 9/16" dia. x 1" depth (6-1-118)
- 11/16" dia. x 1" depth (6-1-122)
- 13/16" dia. x 1" depth (6-1-126)
- 15/16" dia. x 1" depth (6-1-130)
- 1-1/16" dia. x 1" depth (6-1-134)
2 pilot pins  •  1 cutter storage box  •  1 Power Worker magnetic stick (POW 100)
1 quart high-performance cutting oil (ZHS 006)

See pages 56-57 for more information on HSS annular cutters.

Armor-Plated TiAlN Carbide-Coated Cutter Starter Kit

**ZST 100P** Kit Includes:
Set of 5 annular cutters (one each of the following):
- 9/16" dia. x 1" depth (6-1-118)
- 11/16" dia. x 1" depth (6-1-122)
- 13/16" dia. x 1" depth (6-1-126)
- 15/16" dia. x 1" depth (6-1-130)
- 1-1/16" dia. x 1" depth (6-1-134)
2 pilot pins  •  1 cutter storage box  •  1 Power Worker magnetic stick (POW 100)
1 quart high-performance cutting oil (ZHS 006)

See pages 58-59 for more information on Armor-Plated TiAlN Carbide-Coated annular cutters.

HSS Steel Cutter Starter Kit with Power Cleaner

**ZST 200S** Kit Includes:
Set of 5 annular cutters (one each of the following):
- 9/16" dia. x 1" depth (6-1-118)
- 11/16" dia. x 1" depth (6-1-122)
- 13/16" dia. x 1" depth (6-1-126)
- 15/16" dia. x 1" depth (6-1-130)
- 1-1/16" dia. x 1" depth (6-1-134)
2 pilot pins  •  1 cutter storage box  •  1 Power Cleaner (POW 200)
1 quart high-performance cutting oil (ZHS 006)

See pages 56-57 for more information on HSS annular cutters.

See page 70 for more information on the Power Cleaner (POW 200) and Power Worker magnetic stick (POW 100)
**Accessories**

**Coolants and Cutting Pastes**

*Coolant extends the life of cutting tools – Ideal for cutting steel, stainless steel and hard metals*

**ProLube™**

Your cutting tools will work cooler, longer and more efficiently with ProLube™ Lubricants from CS Unitec.

- Prolong tool life by reducing friction and wear
- Unique composition provides excellent adhesion to cutting tools for maximum lubrication
- Corrosion inhibitor
- Non-toxic

**ProLube™**

Paste (12 oz. tub) – Part No. CS 7030-712
Liquid (1 gallon) – Part No. CS 7010-504

**Water soluble 16:1**

**Paste (tube) – Part No. ZHS 570**
**Paste (12-pack tubes) – Part No. ZHS 572**
**Paste (2.2 lb. tub) – Part No. ZHS 550**
**Liquid (1 quart) – Part No. ZHB 001**

Upgrade your drill's cooling system: see page 67 for arbors with automatic cooling.

**Cutting Oil**

- High-performance, biodegradable, non-hazardous oils and pastes
- Oils for heavy removal of metal, including stainless steel
- Chlorine-free (MSDS on bottle/tub)
- Not necessary to dilute with water

**Cutting Oil:**

Part No. ZHS 006 (quart)
Part No. ZHS 005 (gallon)

**Pressurized Coolant Bottle**

Use with any automatic internal lubrication system.
Part No. 9 4002 0020 N

**Pilot Pins for Cutters**

- Milled channel efficiently supplies internal lubrication to cutting teeth
- Available for cutter diameters ranging from 7/16" to 5 1/8" and up to 8" depth of cut
- See price list for part numbers

Shown at right: 2-piece pin for 3" and 4" depth cutters with 8mm pilot hole (Part No. 7-3-402).
Accessories

Arbors for Annular Cutters

- Use on any magnetic drill stand, drill press or shop equipment with a Morse Taper intake of No. 2, 3 or 4
- Available for Annular Cutter shank sizes of 3/4" or 1 1/4" Weldon
- Available for automatic internal cooling or manual cooling

**Manual Cooling**

- **ZIA 219M** – Morse Taper No. 2 3/4" arbor bore
- **ZIA 319M** – Morse Taper No. 3 3/4" arbor bore
- **ZIA 30/75** – Morse Taper No. 3 3/4" arbor bore, 3" depth
- **ZIA 419M** – Morse Taper No. 4 3/4" arbor bore

**Automatic Cooling**

- **ZIA 219KN** – Morse Taper No. 2 3/4" arbor bore
- **ZIA 319KN** – Morse Taper No. 3 3/4" arbor bore
- **ZIA 30/32** – Morse Taper No. 3 1 1/4" arbor bore
- **ZIA 432 KN** – Morse Taper No. 4 1 1/4" arbor bore

Quick-Lock Arbor with Automatic Internal Cooling

- Keyless for fast, no-tools changeover for 3/4" dia. shank annular cutters
- Automatic internal cooling
- Turn, click… go!

- **ZSS 200** – Morse Taper No. 2 for 3/4" dia. shank annular cutters
- **ZSS 300** – Morse Taper No. 3 for 3/4" dia. shank annular cutters

**Drill Chucks for Straight-Shank Twist Drills**

- Two capacities: 1/2" and 3/4"; four chucks and adapters to fit all magnetic drills

A) **IBC 17** – 1/2" chuck for CSU 32 series
B) **IBC 18** – 1/2" chuck with 3/4" shank for MABasic 200, MABasic 400 and AIRBOR™ (fits all drills with 3/4" arbor bore)
C) **IBC 21** – 3/4" chuck with MT3 shank for MAB 525, MAB 825, MAB 845 and CSU 100/3RL
D) **IBC 22** – 3/4" chuck with MT2 shank for MABasic 450, MAB 455, MAB 485 and CSU 50 series
**Accessories**

### Extensions for Annular Cutters

**Extra-long holders extend stroke of drills**

- Extend cutter reach up to 18"
- Available for magnetic drills with 3/4" arbor bore or MT3
- Also available with 3 flats for straight shank drill chucks and R8 shanks for drill presses
- Drill difficult-to-reach areas
- Extend cutter reach over the side or through an existing hole*

<table>
<thead>
<tr>
<th>Extension</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-9-902</td>
<td>2&quot; extension</td>
</tr>
<tr>
<td>7-9-903</td>
<td>3&quot; extension</td>
</tr>
<tr>
<td>7-9-906</td>
<td>6&quot; extension</td>
</tr>
<tr>
<td>7-9-912</td>
<td>12&quot; extension</td>
</tr>
<tr>
<td>7-9-918</td>
<td>18&quot; extension</td>
</tr>
<tr>
<td>7-9-1146</td>
<td>6&quot; extension, 1-1/4&quot; male x 1-1/4&quot; female shank</td>
</tr>
</tbody>
</table>

* Hole diameter must be larger than 1 5/16" to accommodate width of extension

**We also offer extensions with the following connections:**

- **3 Flats for Geared Chucks x 3/4" arbor**
  - 7-9-100 – 2-1/8" length, 1/2" shank
  - 7-9-200 – 2" length, 3/4" shank

**2-in-1 Drill/Taps**

**Drill and tap with one tool**

- National Coarse Threads (UNC) – sizes available:
  - CS500 – 1/2" x 13 UNC
  - CS625 – 5/8" x 11 UNC
  - CS750 – 3/4" x 10 UNC
  - CS875 – 7/8" x 9 UNC
  - CS1000 – 1" x 8 UNC
  - CSDT-UNCKIT – 1/2", 5/8", 3/4" & 1" drill/taps

**82° and 90° Countersinks**

- Manufactured of HSS with 5% cobalt
- 3/4" Weldon shank

Countersink hole sizes:
- CTS 30 from 5/16" to 2" / 82°
- CTS 50 from 5/16" to 2 1/8" / 90°

**Detachable Chip Guard**

Protects against flying chips when drilling

- ZSS 050 – MAB 485 and MAB 525
- ZSS 500 – MAB 825 and MAB 845

**Quick-Change Tapping Chucks**

Part No. **GSW.830C** tapping chuck includes two variable clamp collets to tap 3/8" to 1 1/8". It is the least expensive system if you will tap more than 4 sizes. **GSW.830C** has an MT3 connection.

For use with all MT3 drills.

Variable clamp collets for use in tap chuck No. **GSW.830C**:
- Part No. **GST-160** for shanks 3/8" – 5/8".
- Part No. **GST-230** for shanks 5/8" – 7/8".
**MobilCLAMP**

A true advance in magnetic drilling technology: MobilCLAMP converts a magnetic drilling machine into a portable drill press.

MobilCLAMP extends the functionality of your portable magnetic drill - converting it to a drill press that can be easily transported to the jobsite. This unit makes it possible to drill, countersink, ream or tap small parts in any location with a flat surface.

The magnetic drill can be mounted onto the MobilCLAMP with only the power of the machine’s magnet - no screws, clamps or other connections between the drill and the base. The magnetic drill becomes a multi-purpose machine for applications involving an annular cutter, twist drill, tap, countersink or reamer.

**MobilCLAMP**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>ZMC 200 N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaw Width</td>
<td>4&quot; (100mm)</td>
</tr>
<tr>
<td>Clamping Range</td>
<td>4&quot; (100mm)</td>
</tr>
</tbody>
</table>

ZMC 200 N includes ZMC 200 base, ZST 300 vise, (2 qty.) ZTN 100 screw and (2 qty.) ZSN 100 hexagon nut with collar

**Drilling stand and vise for hand drills**

- Industrial drilling pillars for commercial hand drills with 43mm chuck journal diameter.
- Optimum stability by cast base plate combined with a pillar top of the MAB series.
- Versatile usability by a drill vise with 4" (100mm) jaw width (special accessories).
- Screws for slots are available for additional security under higher loads (special accessories).
- Working stroke of 9" - 17" (230 - 425mm).

**Magnetic Drilling Pillar**

**Order No. MBS 300**

For hand drills with a 1-11/16" collar diameter and 7" stroke.

**Drilling Pillar**

**Order No. ZBS 100**

**Vise**

**Order No. ZST 300**

Jaw width: 4" (100mm)  
Clamping range: 4" (100mm)

**Accessories**

- Screws for T-Slots – Order No. ZTN 100
- Hexagon Nut with Collar – Order No. ZSM 100
Vacuum Plates

For applications where drill alone will not adhere to surface

**Vacuum Plate for Channeled Plates**
Order No. ZAV 301 (vacuum plate only)
Order No. ZAV 310 (vacuum plate and vacuum pump, 110V)
Ideal for channeled plates. High-performance vacuum pump with circular oil lubrication. Clamping plate diameter: 11.8”

**Vacuum Plate for Smooth Surfaces**
Order No. ZAV 401 (vacuum plate only)
Order No. ZAV 410 (vacuum plate and vacuum pump, 110V)
Ideal for smooth surfaces. High-performance vacuum pump with circular oil lubrication. Clamping plates with two suction surfaces and cut-through drilling area.

**Metal Chip Cleanup Tools**
- Easily clean up sharp-edged drill chips, screws and other metal parts
- Ideal for hard-to-reach spaces

**Power Cleaner – POW 200**
*Two-in-one tool for removing chips*
- Hook pulls away metal swarf from drill
- Brush cleans fine chips

**Power Worker – POW 100**
*Simple cleanup of metal chips*
- Items are safely ejected off of Power Worker without hand contact
- Rare earth magnet cleans metal parts and shavings
Pipe Saddle Clamp System

Ensures safe, secure drilling of pipes and tubular material

ZRO 250 Pipe Saddle Clamp System
Pipe diameters 3\(\frac{1}{4}\)" - 10"
Chain length: 35\(\frac{1}{2}\)"
If using on pipe larger than 10", need 1 qty. ZRO 001 extension chain.
For models: MABasic 200, MABasic 400, MABasic 450, MAB 455, MAB 465, MAB 485 and CSU 32RL

ZRO 500 Pipe Saddle Clamp System
Pipe diameters 6" - 20" (extension chain available)
Chain length: 65"
If using on pipe larger than 20", need 2 qty. ZRO 001 extension chains.
For models: MABasic 850, MAB 525, MAB 825, MAB 845, CSU 50 Series, CSU 100/3RL, AB-4300-2 and HB 4400

Order No. ZRO 001 extension chain for ZRO 250 and ZRO 500 pipe saddle clamps. 35" length.

Dimensions shown in mm.