

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



**Water soluble
16:1**

ProLube™

Paste (12 oz. tub) – Part No. **CS 7030-712**

Liquid (1 gallon) – Part No. **CS 7010-504**

Upgrade your drill's cooling system: see page 49 for arbors with automatic cooling.



- High-performance
- Liquid coolant is concentrated for dilution with water
- Eco-friendly

Paste (2.2 lb. tub) – Part No. **ZHS 550**

Liquid (1 quart) – Part No. **ZHB 001**

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**

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 $\frac{3}{4}$ " or $1\frac{1}{4}$ " Weldon
- Available for automatic internal cooling or manual cooling



Manual Cooling

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



Automatic Cooling

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

Quick-Lock Arbor with Automatic Internal Cooling

- Keyless for fast, no-tools changeover for $\frac{3}{4}$ " dia. shank annular cutters
- Automatic internal cooling
- Turn, click... go!

ZSS 200 – Morse Taper No. 2
for $\frac{3}{4}$ " dia. shank
annular cutters

ZSS 300 – Morse Taper No. 3
for $\frac{3}{4}$ " dia. shank
annular cutters



**turn,
click...**



*Keyless,
quick-change
system for annular
cutters saves time
and money.*

Just twist and lock!



Drill Chucks for Straight-Shank Twist Drills

- Two capacities: $\frac{1}{2}$ " and $\frac{3}{4}$ "; four chucks and adapters to fit all magnetic drills

- A) **IBC 17** – $\frac{1}{2}$ " chuck for CSU 32 series
- B) **IBC 18** – $\frac{1}{2}$ " chuck with $\frac{3}{4}$ " shank for MABasic 200, MABasic 400 and AIRBOR™ (fits all drills with $\frac{3}{4}$ " arbor bore)
- C) **IBC 21** – $\frac{3}{4}$ " chuck with MT3 shank for MAB 525, MAB 825, MAB 845 and CSU 100/3RL
- D) **IBC 22** – $\frac{3}{4}$ " 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*

7-9-902 – 2" extension
7-9-903 – 3" extension
7-9-906 – 6" extension
7-9-912 – 12" extension
7-9-918 – 18" extension

7-9-1146 – 6" extension,
 1-1/4" male x 1-1/4"
 female shank

* 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

R8



7-9-500 – R8, 1-3/4" length; 3/4" arbor bore
7-9-506 – R8, 6" length; 3/4" arbor bore
7-9-700 – R8, 2-3/4" length; 1-1/4" arbor bore

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 5/8" to 2" / 82°

CTS 50 from 5/8" to 2 1/8" / 90°



Detachable Chip Guard

Protects against flying chips when drilling

ZSS 050 – for MAB 155, MAB 485
 and MAB 525



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".



GSW 444
 Quick-Change
 Chuck



Part No. **GSW 444** quick-change tapping chuck with MT4 connection (for MAB 1300). Collets not included.

GSS-420 collet for 20mm shanks

GSS-422 collet for 22mm shanks

GSS-427 collet for 27mm shanks

GSS-433 collet for 33mm shanks

GSS-442 collet for 42mm shanks



GSS-4xx
 Collet

Clamping Devices

MOBIL CLAMP

A true advance in magnetic drilling technology: The new clamping system MOBIL CLAMP can be used to convert a magnetic drilling machine into a bench drill.

Extends the functionality of your portable magnetic drill. Ideal for parts that previously could only be drilled in the workshop – they can now be machined on site. MOBIL CLAMP makes it possible to drill, countersink, ream or tap small parts, since these can be mounted into the quick clamping device.

With the mounting of a magnetic drilling machine onto the surface of the vice and the subsequent activation of the magnet, you will have a versatile, stationary drilling machine in next to no time. The magnetic drilling machine becomes a multi-purpose machine: whether large or small applications, flat or high, with the twist drill or the reamer, everything is possible. A stable support, designed for the MOBIL CLAMP clamping device, ensures the correct working height and a comfortable and reliable operation.



ZMC 300

Base stand for clamping device



MOBIL CLAMP

Order No.	Jaw width	Quick-action clamping jaw	V-block clamping jaw
ZMC 180	4" (100mm)	3.15" (80mm) clamping width	•

Drilling stand and vise for hand drills



Drill not included.

- 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.



Drill not included.

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



Ideal for applications requiring the flexibility of clamping on pipes from 3-1/4" to 20" diameter. These pipe clamp systems are flexible and easy to use. Swivelling V-blocks fit the contour of the pipe while the heavy-duty tension chains securely affix the clamps to the piece being drilled. The drilling position can be easily and safely adjusted.



PIPE SADDLE CLAMP



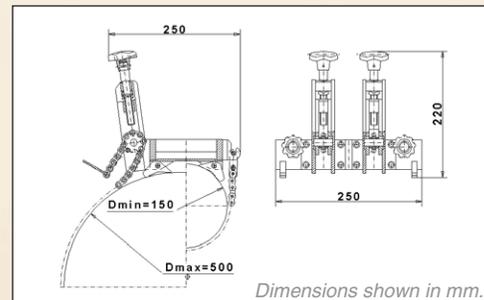
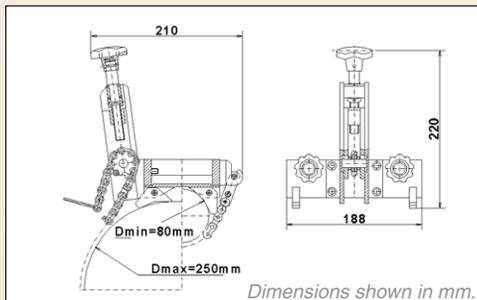
ZRO 250 Pipe Saddle Clamp System

Pipe diameters 3¹/₄" - 10"
Chain length: 35¹/₂"
For models: MABasic 200, MABasic 400, MABasic 450, MAB 455, MAB 485 and CSU 32RL



ZRO 500 Pipe Saddle Clamp System

Pipe diameters 6" - 20" (extension chain available)
Chain length: 65"
For models: 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 500 pipe saddle clamp.