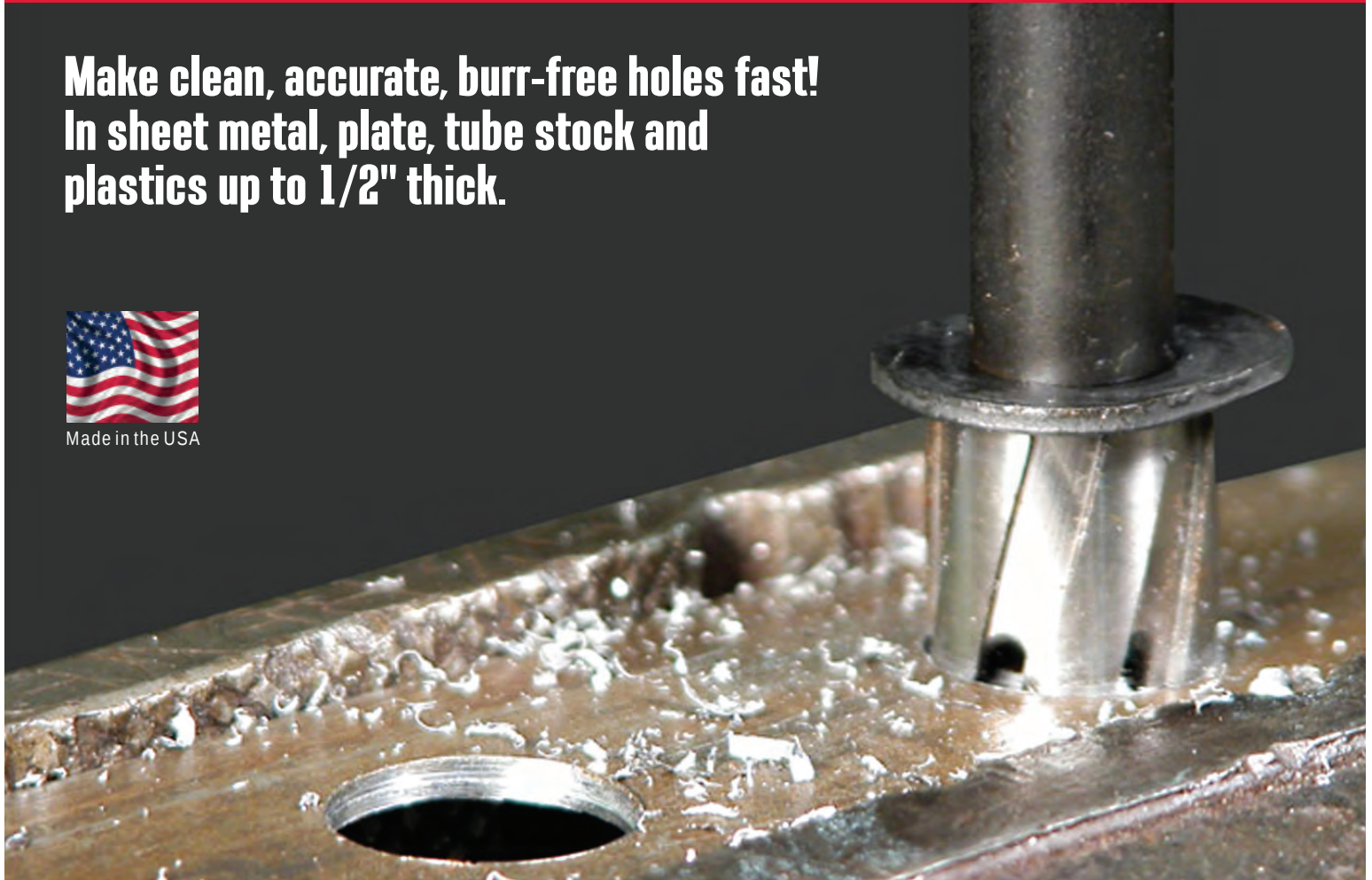


CIC 200™ Sheet Metal Hole Cutters

**Make clean, accurate, burr-free holes fast!
In sheet metal, plate, tube stock and
plastics up to 1/2" thick.**



Made in the USA



**Three Portable Kits and a Tray Assortment
Thirteen Sizes Total: 5/16" – 1-1/2"**



See demo video!

CIC 200™ Sheet Metal Hole Cutters

Features

Cut clean, accurate, burr-free holes fast!
For sheet metal, plate, tube stock and plastic up to 1/2" thick (7/8" to 1-1/2"); up to 1/4" thick (5/16" to 3/4").

Three Kits Available:

P/N 8903 – 5/16" to 1-1/2"

P/N 8902 – 7/8" to 1-1/2"

P/N 8901 – 5/16" to 3/4"

Benefits

- CIC 200™ Sheet Metal Hole Cutters are made from hardened M2 H.S.S. and precision ground to exacting specifications.
- A patented tooth geometry provides smooth cutting action from start to finish. There's no stalling, jagged edges or damage to surrounding material.
- A heavy cutter wall provides sturdiness, easy chip evacuation and up to **10X** the tool life of conventional hole making tools.

Applications

- Electrical Installations
- Pipe and Tubing
- Conduit Work
- Sheet Metal & Thin Plate Fabrication
- Spotweld Removal
- Maintenance and Repair
- Production Fabrication of Products
- HVAC
- PHCC
- Automotive Fabrication and Repair



Made in the USA

Contents

Portable Kits

Combo Kit, P/N 8903

- Diameters: 5/16" to 1-1/2"3

Large Diameter Kit, P/N 8902

- Diameters: 7/8" to 1-1/2"4

Hole Cutters, P/N 8901

- Diameters: 5/16" to 3/4"5

Tray Assortment

- Diameters: 5/16" to 1-1/2"6

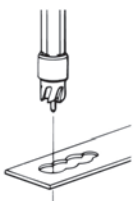
Kit Contents/Ordering Info

- All components of portable kits7

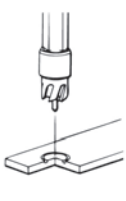


See the Sheet Metal Hole Cutter Kit in action! Demo video is online at:
http://chromate.com/marketing_material/hole-cutter-video.html

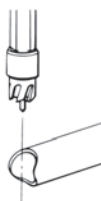
Do more than just drill holes.



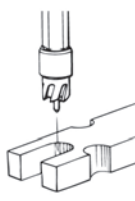
Drill Slots



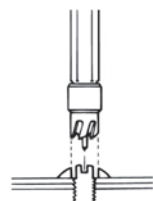
Groove to Depth



Tube Joints



Partial Holes



Remove Bolt,
Screw, & Rivet Heads



Remove Frozen
Nuts



Red Lion™ Cutting Wax
P/N 74559 – 2 oz.

For best performance apply to end and inside of cutter.

Hole Cutters Combo Kit

P/N 8903



Kit Contents

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

See page 7 for full kit description with part numbers.

Material	Recommended Speeds (RPM)												
	Cutter Diameter / Part Number												
	5/16" 51800	3/8" 51801	7/16" 51802	1/2" 51803	9/16" 51804	5/8" 51805	3/4" 51806	7/8" 51813	1" 51814	1-1/8" 51815	1-1/4" 51816	1-3/8" 51817	1-1/2" 51818
Tool Steel or Stainless	600	500	450	400	350	300	250	220	190	170	150	140	130
Mild Steel	1200	1000	900	800	700	600	500	440	380	340	310	280	260
Soft Aluminum	9600	8000	7200	6400	5600	4800	4000	3400	2980	2650	2380	2170	1990

Features

- Cut clean, accurate, burr-free holes fast! In sheet metal, plate, tube stock and plastic up to 1/2" thick (7/8" to 1-1/2"); up to 1/4" thick (5/16" to 3/4").
- Precision ground M2 High Speed Steel.
- 3x faster than hole saws or twist drills.
- Lasts 10x longer than hole saws.
- Far superior to twist drills and hole saws, there's no comparison in quality.
- Use with hand held drills or drill presses with a 3/8" chuck (5/16" to 3/4"), or with 1/2" chuck (7/8" to 1-1/2")

CIC 200™ Sheet Metal Hole Cutters

Large Diameter Sheet Metal Hole Cutter Kit P/N 8902



Kit Contents

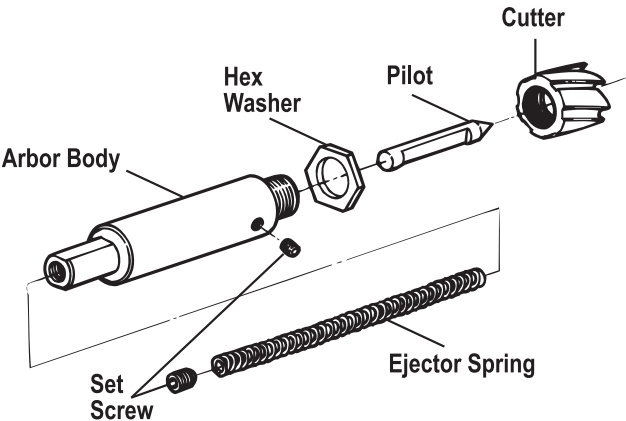
7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2"

See page 7 for full kit description with part numbers.

Features

- Cut clean, accurate, burr-free holes fast! In sheet metal, plate, tube stock and plastic up to 1/2" thick.
- Precision ground M2 High Speed Steel.
- 3x faster than hole saws or twist drills.
- Lasts 10x longer than hole saws.
- Far superior to twist drills and hole saws, there's no comparison in quality.
- Use with hand held drills or drill presses with a 1/2" chuck.

Blowout View



Material	Recommended Speeds (RPM)					
	Cutter Diameter / Part Number					
	7/8" 51813	1" 51814	1-1/8" 51815	1-1/4" 51816	1-3/8" 51817	1-1/2" 51818
Tool Steel or Stainless	220	190	170	150	140	130
Mild Steel	440	380	340	310	280	260
Soft Aluminum	3400	2980	2650	2380	2170	1990



Sheet Metal Hole Cutter Kit P/N 8901



Kit Contents

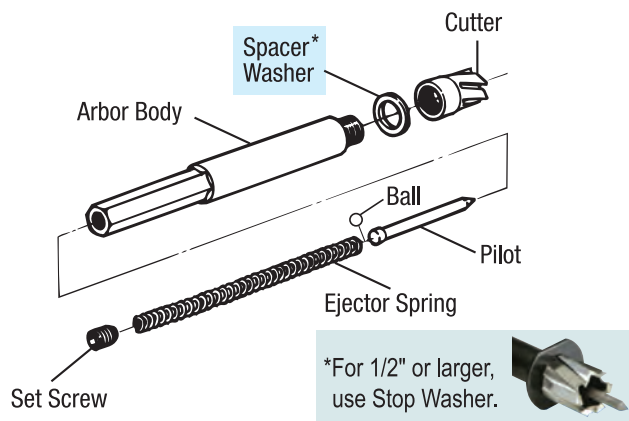
5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"

See page 7 for full kit description with part numbers.

Features

- Cut clean, accurate, burr-free holes fast! In sheet metal, plate, tube stock and plastic up to 1/4" thick.
- Precision ground M2 High Speed Steel.
- **3x** faster than hole saws or twist drills.
- Lasts **10x** longer than hole saws.
- Far superior to twist drills and hole saws, there's no comparison in quality.
- Use with hand held drills or drill presses with a 3/8" chuck.

Blowout View



Material	Recommended Speeds (RPM)						
	Cutter Diameter / Part Number						
	5/16" 51800	3/8" 51801	7/16" 51802	1/2" 51803	9/16" 51804	5/8" 51805	3/4" 51806
Tool Steel or Stainless	600	500	450	400	350	300	250
Mild Steel	1200	1000	900	800	700	600	500
Soft Aluminum	9600	8000	7200	6400	5600	4800	4000

CIC 200™ Sheet Metal Hole Cutters

Tray Assortment, P/N 17686



SHEET METAL HOLE CUTTERS/FRACTIONAL

- FEATURES:**
- Thirteen sizes: 5/16" to 1-1/2"
 - Make clean accurate burr-free holes fast!
 - Use in sheet metal, plate, tube stock and plastic up to 1/2" thick (7/8" to 1-1/2"); up to 1/4" thick (5/16" to 3/4").
 - Made from hardened M2 H.S.S. and precision ground to exacting specifications.
 - Patented tooth geometry.

P/N 17686



 5/16" Sheet Metal Hole Cutter P/N 51800	 9/16" Sheet Metal Hole Cutter P/N 51804	 1" Sheet Metal Hole Cutter P/N 51814	 1-1/2" Sheet Metal Hole Cutter P/N 51818	 Spacer Washer P/N 51810	 5/16" to 3/4" Arbor P/N 51807
 3/8" Sheet Metal Hole Cutter P/N 51801	 5/8" Sheet Metal Hole Cutter P/N 51805	 1-1/8" Sheet Metal Hole Cutter P/N 51815	 Pilot Pin for 5/16" to 3/4" Arbor P/N 51808	 Hex Washer P/N 51821	 7/8" to 1-1/2" Arbor P/N 51819
 7/16" Sheet Metal Hole Cutter P/N 51802	 3/4" Sheet Metal Hole Cutter P/N 51806	 1-1/4" Sheet Metal Hole Cutter P/N 51816	 Pilot Pin for 7/8" to 1-1/2" Arbor P/N 51820	 1/8 Hex Key P/N 51811	 Center Punch P/N 51812
 1/2" Sheet Metal Hole Cutter P/N 51803	 7/8" Sheet Metal Hole Cutter P/N 51813	 1-3/8" Sheet Metal Hole Cutter P/N 51817	 Stop Washer P/N 51809	 5/32 Hex Key P/N 44202	EXPANSION

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Kit Contents/Ordering Info

KIT COMPONENTS – PART NUMBER/DESCRIPTION				
COMPONENT P/N	DESCRIPTION	SMALL KIT P/N 8901	LARGE KIT P/N 8902	COMBO KIT P/N 8903
51800	5/16" Cutter	1		1
51801	3/8" Cutter	1		1
51802	7/16" Cutter	1		1
51803	1/2" Cutter	1		1
51804	9/16" Cutter	1		1
51805	5/8" Cutter	1		1
51806	3/4" Cutter	1		1
51813	7/8" Cutter		1	1
51814	1" Cutter		1	1
51815	1-1/8" Cutter		1	1
51816	1-1/4" Cutter		1	1
51817	1-3/8" Cutter		1	1
51818	1-1/2" Cutter		1	1
51807	Arbor, 5/16" to 3/4"	1		1
51819	Arbor, 7/8" to 1-1/2"		1	1
51808	Pilot Pin (for Arbor 51807)	3		3
51820	Pilot Pin (for Arbor 51819)		2	2
51809	Stop Washer	1		1
51810	Spacer Washer	1		1
51821	Hex Washer		1	1
51812	Center Punch	1	1	1
51811	Hex Key (1/8")	1	Not Included	1
8901C	Empty Case (Kit P/N 8901)	1		
8902C	Empty Case (Large Kit P/N 8902)		1	
8903C	Empty Case (Combo Kit P/N 8903)			1

When it comes to repairs, quality products make the difference!



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