

MORSE Hole Saws

Overview

Nearly everything that shapes our day – from turning on the lights, to taking a shower, and making breakfast, working in the office, or navigating the roads and airways – begins with making a cut. Whether it be into a wall to run wires or pipe, into massive pieces of structural materials to create construction machinery, vehicle frames and components, or aerospace equipment, Morse products are there from the beginning. We have a role across all industries and project levels, whether in massive industrial plants or at a neighborhood construction site.

The bi-metal hole saw by Morse is an optimized yet economical powerhouse option that meets all of your cutting needs. A patented tooth set design allows you to cut more holes in less time.

Carbide-tipped hole cutters are built to outlast the standard hole saw and make clean, fast cuts in sheet metal, stainless steel, pipe, conduit, aluminum, and composites. These allow for quick, precise cuts time and time again.

Impact-rated hole saws are the perfect option for all your sheet metal cutting needs. Each feature has been expertly crafted to make your sheet metal hole cutting quick and painless. Tackle a variety of thin metals and quickly change sizes with the 1/4 in impact shank.

These products are available individually or in a curated set so that you can grab the right tool and get to work, along with all the accessories you need to keep the job going.



Bi-Metal Hole Saw
MHS58



Carbide-Tipped Hole Cutter
CTS22



Impact-Rated Hole Saw
IHS16

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Carbide-Tipped Standard Arbor
MA34CT



Spring-Loaded Pin Drive Arbor
MA35PSN



Bi-Metal Hole Saw Set
MHSELE01



Carbide-Tipped Hole Cutter Set
CTS02

MORSE Hole Saws

Bi-Metal Hole Saws

The bi-metal hole saw is a general purpose "do-it-all" hole saw featuring a patented tooth set design that delivers faster hole cutting. The saw's solid cap minimizes runout and vibration for a more accurate cut. With a cutting depth of 1-15/16 in, the saws are designed for general purpose use across a wide range of materials including wood, plastic, machinable metals, stainless steel alloys, and nail-embedded wood. An enhanced side slot offers increased leverage for faster and easier slug removal.

Features

- Bi-metal cobalt construction
- Cuts holes with minimal material removal
- Patented tooth set for easier slug removal
- Solid cap reduces runout and vibration
- Enhanced side slot for faster slug removal
- 1-15/16 in (50 mm) cutting depth
- Varied tooth; 4/6 teeth/in

For Use On

- Steel
- Stainless steel
- Aluminum
- Wood
- Plastic
- Composite



Bi-Metal Hole Saw Specifications		
Part Number	Size	Price
<u>MHS12</u>	3/4in [19mm]	
<u>MHS14</u>	7/8in [22mm]	
<u>MHS16</u>	1in [25mm]	
<u>MHS18</u>	1-1/8in [29mm]	
<u>MHS22</u>	1-3/8in [35mm]	
<u>MHS24</u>	1-1/2in [38mm]	
<u>MHS28</u>	1-3/4in [44mm]	
<u>MHS32</u>	2in [51mm]	
<u>MHS40</u>	2-1/2in [64mm]	
<u>MHS42</u>	2-5/8in [67mm]	
<u>MHS48</u>	3in [76mm]	
<u>MHS58</u>	3-5/8in [92mm]	
<u>MHS64</u>	4in [102mm]	
<u>MHS66</u>	4-1/8in [105mm]	
<u>MHS72</u>	4-1/2in [114mm]	
<u>MHS76</u>	4-3/4in [121mm]	



MHS12



MHS28



MHS58



MHS76

MORSE Hole Saws

Bi-Metal Hole Saw Sets

The bi-metal hole saw is a general purpose "do-it-all" hole saw featuring a patented tooth set design that delivers faster hole cutting. The saw's solid cap minimizes runout and vibration for a more accurate cut. With a cutting depth of 1-15/16 in, the saws are designed for general purpose use across a wide range of materials including wood, plastic, machinable metals, stainless steel alloys, and nail-embedded wood. An enhanced side slot offers increased leverage for faster and easier slug removal.

Features

- Bi-metal cobalt construction
- Cuts holes with minimal material removal
- Patented tooth set for easier slug removal
- Solid cap reduces runout and vibration
- Enhanced side slot for faster slug removal
- 1-15/16 in [50 mm] cutting depth
- Varied tooth; 4/6 teeth/in

For Use On

- Steel
- Stainless steel
- Aluminum
- Wood
- Plastic
- Composite

**MHS02E**

Bi-Metal Hole Saw Set Specifications

Part Number	Number of Pieces	Best Use	Sizes	Set Includes	Price
<u>MHS02E</u>	8	Electrical	7/8 in, 1-1/8 in, 1-3/8 in, 1-3/4 in, 2 in, and 2-1/2 in	(1) 3/8 in hex standard arbor assembly, (1) 3/8 in hex p inned arbor assembly, (1) tool storage case	
<u>MHS100</u>	11	Industrial	3/4 in, 7/8 in, 1-1/8 in, 1-3/8 in, 1-1/2 in, 1-3/4 in, 2 in, 2-1/4 in and 2-1/2 in	(1) 3/8 in hex standard arbor assembly, (1) 3/8 in hex p inned arbor assembly, (1) tool storage case	
<u>MHS08E</u>	13	Electrical	7/8 in, 1-1/8 in, 1-3/8 in, 1-3/4 in, 2 in, 2-1/2 in, 3 in, 3-5/8 in, 4-1/8 in, and 4-1/2 in	(1) 1/4 in hex standard arbor assembly, (1) 3/8 in hex standard arbor assembly, (1) 3/8 in hex p inned arbor assembly, (1) tool storage case	
<u>MHS08I</u>	15	Industrial	3/4 in, 7/8 in, 1 in, 1-1/4 in, 1-3/8 in, 1-1/2 in, 1-3/4 in, 2 in, 2-1/4 in, 2-1/2 in, and 3 in	(1) 1/4 in hex standard arbor assembly, (1) 3/8 in hex standard arbor assembly, (1) 7/16 in hex p inned arbor assembly, (1) 12 in extension, (1) tool storage case	
<u>MHS06I</u>	19	Industrial	3/4 in, 7/8 in, 1-1/8 in, 1-3/8 in, 1-1/2 in, 1-3/4 in, 2 in, 2-1/4 in, 2-1/2 in, 3 in, 3-1/4 in, 3-5/8 in, 3-3/4 in, 4-1/4 in, and 4-1/2 in	(1) 1/4 in hex standard arbor assembly, (1) 3/8 in hex standard arbor assembly, (1) 7/16 in hex p inned arbor assembly, (1) 12 in extension, (1) tool storage case	
<u>MHS23M</u>	25	Industrial	3/4 in, 7/8 in, 1 in, 1-1/8 in, 1-3/8 in, 1-1/2 in, 1-3/4 in, 2 in, 2-1/8 in, 2-1/4 in, 2-1/2 in, 2-5/8 in, 3 in, 3-1/4 in, 3-3/8 in, 3-5/8 in, 4-1/8 in, 4-1/2 in	(1) 3/8 in hex standard arbor assembly, (1) 7/16 in hex p inned arbor assembly, (2) 1/4 in pilot drills, (1) 12 in extension, (1) tool storage case	
<u>MHSELE01</u>	29	Electrical	3/4 in, 7/8 in, 1 in, 1-1/8 in, 1-1/4 in, 1-3/8 in, 1-1/2 in, 1-3/4 in, 2 in, 2-1/2 in, 3 in, 3-5/8 in, 4-1/8 in, 4-1/2 in and 4-3/4 in	(1) 3/8 in hex standard arbor assembly, (1) 3/8 in hex p inned arbor assembly, (2) replacement 1/4 in pilot drills, (1) tool storage case	

**MHS06I****MHSELE01**

MORSE Hole Saws

Impact-Rated Hole Saws

Impact-rated hole saws are the perfect option for all your sheet metal cutting needs. Tackle a variety of thin metals and quickly change sizes with the 1/4 in impact shank.

Features

- Trusted bi-metal construction
- Cuts holes with minimal material removal
- 1/8 in [3.2 mm] cutting depth
- 1/4 in quick-change impact shank
- Spring for quick slug removal
- Shoulder cap prevents breakthrough

For Use In

- Fabrication
- HVAC
- Electrical
- Plumbing
- Construction
- Automotive
- DIY

For Use On

- Sheet Metal



Impact-Rated Hole Saw Specifications		
Part Number	Size	Price
<u>IHS12</u>	3/4in [19mm]	
<u>IHS14</u>	7/8in [22mm]	
<u>IHS16</u>	1in [25mm]	
<u>IHS18</u>	1-1/8in [29mm]	
<u>IHS22</u>	1-3/8in [35mm]	



[IHS12](#)



[IHS16](#)

Bi-Metal Hole Saw Set Specifications				
Part Number	Number of Pieces	Sizes	Set Includes	Price
<u>IHSKITIMP</u>	3	<u>IHS14</u> 7/8 in [22 mm] <u>IHS18</u> 1-1/8 in [29 mm] <u>IHS22</u> 1-3/8 in [35 mm]	(3) bi-metal impact hole saws with 1/4 in shank and integrated pilot drill	



[IHS14](#)



[IHS18](#)



[IHS22](#)

MORSE Hole Saws

Carbide-Tipped Hole Cutters

Carbide-tipped hole cutters make clean, fast cuts in sheet metal, stainless steel, pipe, conduit, aluminum, and composites. Designed with an ejector spring for quick slug removal and a flat shank that fits 3/8 in and larger drill chucks. A grooved tooth gullet directs chips away from the cut.

Features

- Precision ground triple-chip tooth
- 3/16 in [4.5 mm] cutting depth for sheet metal
- Integrated ejector spring for quick slug removal
- Step-center pilot
- Grooved gullet directs chips away from the cut
- Flat shank fits 3/8 in and larger drill chucks
- Straight pitch; 3 teeth/in

For Use On

- Sheet metal
- Stainless steel
- Pipe
- Aluminum
- Plastic
- PVC/ABS



Carbide-Tipped Hole Cutter Specifications

Part Number	Size	Price
<u>CTS12</u>	3/4 in [19 mm]	
<u>CTS14</u>	7/8 in [22 mm]	
<u>CTS16</u>	1 in [25 mm]	
<u>CTS18</u>	1-1/8 in [29 mm]	
<u>CTS22</u>	1-3/8 in [35 mm]	
<u>CTS24</u>	1-1/2 in [38 mm]	
<u>CTS28</u>	1-3/4 in [44 mm]	
<u>CTS32</u>	2 in [51 mm]	
<u>CTS40</u>	2-1/2 in [64 mm]	
<u>CTS44</u>	2-3/4 in [70 mm]	
<u>CTS48</u>	3 in [76 mm]	
<u>CTS72</u>	4-1/2 in [114 mm]	



[CTS72](#)



[CTS12](#)



[CTS22](#)



[CTS32](#)

MORSE Hole Saws

Carbide-Tipped Hole Cutter Sets

Carbide-tipped hole cutters make clean, fast cuts in sheet metal, stainless steel, pipe, conduit, aluminum, and composites. Designed with an ejector spring for quick slug removal and a flat shank that fits 3/8in and larger drill chucks. A grooved tooth gullet directs chips away from the cut.

Features

- Precision ground triple chip tooth
- 3/16 in [4.5 mm] cutting depth for sheet metal
- Integrated ejector spring for quick slug removal
- Step-center pilot
- Grooved gullet directs chips away from the cut
- Flat shank fits 3/8in and larger drill chucks
- Straight pitch; 3 teeth/in

For Use On

- Sheet metal
- Stainless steel
- Pipe
- Aluminum
- Plastic
- PVC/ABS



Carbide-Tipped Hole Cutter Set Specifications					
Part Number	Product Image	Number of Pieces	Sizes	Set Includes	Price
<u>CTS01</u>		6	7/8in [22mm] 1-1/8in [29mm] 1-3/8in [35mm]	(3) carbide tipped hole cutters, (1) TCT stepped pilot drill, (1) ejector spring, (1) hex key, (1) tool storage case	
<u>CTS02</u>		9	7/8in [22mm] 1-1/8in [29mm] 1-3/8in [35mm] 1-3/4in [44mm] 2in [51mm] 2-1/2in [64mm]	(6) carbide tipped hole cutters, (1) TCT stepped pilot drill, (1) ejector spring, (1) hex key, (1) tool storage case	

MORSE Hole Saws

Arbor Assemblies

The Morse hole saw arbor is for use with hole saws in cutting a wide range of materials including ferrous and nonferrous metals, woods, composites, and plastics. Designed for professionals who demand efficiency and precision, this arbor is set to optimize drilling tasks.

Features

- High-speed steel pilot bits
- Switch between hole saws in seconds
- Extensions allow for extended reach
- Pilot bits offer additional cutting guidance
- Spring speeds slug removal

For Use In

- HVAC
- Electrical
- Plumbing
- Construction
- Boating/Marine
- Flooring
- Masonry



Arbor Assembly Specifications

Part Number	Arbor Type	Pilot Type	Shank	Thread	Fits Hole Saws	Follow Through	Includes	Price
<u>MA24</u>	Standard	Standard	1/4in hex	1/2-20 UNF	9/16in to 1-13/16in	3/4in	Standard arbor and 1/4in high-speed steel (hss) pilot bit	
<u>MA34</u>	Standard	Standard	3/8in hex				Standard arbor and 1/4in high-speed steel (hss) pilot bit	
<u>MA34CT</u>	Standard	Carbide tipped	3/8in hex				Standard arbor and 1/4in carbide-tipped pilot bit	
<u>MA35</u>	Standard	Standard	3/8in hex	5/8-18 UNF	1-1/4in and above	1.5in	Standard arbor and 1/4in high-speed steel (hss) pilot bit	
<u>MA35PSN</u>	Spring-loaded pin drive	Standard	3/8in hex				Spring loaded pin drive arbor and 1/4in high-speed steel (hss) pilot bit	
<u>MA35PSNCT</u>	Spring-loaded pin drive	Carbide tipped	3/8in hex				Spring loaded pin drive arbor and 1/4in carbide-tipped pilot bit	

Arbor Adaptor Nut Specifications

Part Number	Product Image	Description	For Use With	Price
<u>M44NH01</u>		MK Morse arbor adaptor nut, replacement.	For use with 5/8-18 thread hole saws to fit 1/2-20 arbor.	

MORSE Hole Saws

Replacement Drill Bits

General purpose pilot drills have high-speed pilot bits designed for general purpose cutting applications including ferrous and non-ferrous metals, wood, composite, and plastics.

Features

- High-speed steel pilot bits
- Compatible with all Morse arbors



Replacement Drill Bit Specifications

Part Number	Product Image	Size	Shank	Overall Length	Finish	Price
<u>MAPD301</u>		1/4in	Round	3-3/32in	Black oxide	
<u>MPD401</u>		1/4in	Round	5-5/16in	Bright	
<u>MPD4S01</u>		1/4in	Round	3-1/16in	Black oxide	

Drill Bit Accessories

Part Number	Product Image	Description	Price
<u>MES101</u>		MK Morse ejector spring, replacement. For use with all 1/4in pilot bits.	

MORSE Hole Saws

Cutting Lubricant

The answer to all your metalworking needs! Keep your work area clean without the harmful chemicals. Apply directly to cutting surface or power tool accessory to improve tool life while achieving a quick, clean cut in a variety of metals.

Features

- Water-based, environmentally friendly formula
- Thick paste for easy application
- Easy clean up



Cutting Lube Specifications			
Part Number	Part Image	Size	Price
<u>CUTLUBE</u>		8oz bottle	

