

1-800-GRAINGER (472-4643)

Understanding Hole Saws and Hole Cutters

Hole saws and **hole cutters** connect to handheld power drills and cut holes faster than drill bits in wood, metal, and other materials. Their narrow cutting edge forms a ring and removes a core of material from a workpiece. **Hole saws** have a linear-edge blade welded to the rim. **Hole cutters** have individual carbide-tipped cutting teeth, and generally have fewer teeth and a thicker body to cut more aggressively than hole saws. **Arbors** attach a hole saw or cutter to a drill. Their shank fits into the drill chuck and their collar holds the saw or cutter. An arbor may be **built-in** with its collar fixed to the saw or cutter, **included** so it can attach or detach for use on another tool, or **not included**.



Hole Saw

Hole Cutter



Standard Metal-Cutting
3EJD7



Impact-Rated Metal-Cutting
32PK28



Metal-Cutting Hole Saw Kits

Standard hole saws fit standard power drills to cut steel, mild alloys, and aluminum, such as sheet metal and thin plate metal. **Impact-rated hole saws** fit impact drivers to cut steel, aluminum, and some stainless steel.

No. of Pieces	Saw Size Range	Max. Cutting Depth	Tooth Material	Teeth per Inch	Brand	Item No.
Standard Metal-Cutting Hole Saw Kits						
Arbor Built-In						
3	3/8 in to 1 3/8 in	1/4 in	Steel	2	DeWalt	44YX82
Arbor Included						
8	3/4 in to 2 1/4 in	1 1/2 in	Bi-Metal	4/6	Westward	12G708
	7/8 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	1VXK2
	7/8 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	12G707
9	3/4 in to 2 1/4 in	1 3/4 in	Steel	3/4	DeWalt	6UT72
10	3/4 in to 1 1/2 in	1 3/8 in	Bi-Metal	4	Milwaukee	489P12
	1 1/2 in to 4 1/2 in	1 3/8 in	Bi-Metal	4	Milwaukee	55EA24
11	7/8 in to 2 1/2 in	1 3/8 in	High Speed Steel	4	Milwaukee	3EJD7
	7/8 in to 2 1/2 in	1 3/8 in	Carbide Tipped	3	LENOX	60HJ31
12	3/4 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	1VXK3
13	3/4 in to 2 1/2 in	1 3/8 in	High Speed Steel	4	Milwaukee	11C836
	3/4 in to 2 1/2 in	1 3/8 in	High Speed Steel	4	Milwaukee	11C837
16	3/4 in to 2 1/2 in	1 3/8 in	High Speed Steel	4	Milwaukee	11C839
19	3/4 in to 4 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	1VXK4
29	3/4 in to 4 3/4 in	1 3/8 in	High Speed Steel	4	Milwaukee	3EJD9
30	3/4 in to 6 in	1 1/2 in	Bi-Metal	4/6	Westward	12G709
Arbor Not Included						
6	5/8 in to 1 1/4 in	10 mm	Tungsten Carbide		Rothenberger	60PZ98
	3/4 in to 1 3/8 in	10 mm	Tungsten Carbide		Rothenberger	60PZ97
7	7/8 in to 1 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX19
Impact-Rated Metal-Cutting Hole Saw Kits						
Arbor Built-In						
3	3/8 in to 1 3/8 in	1/2 in	High Speed Steel	8	Milwaukee	32PK28
Arbor Included						
5	3/4 in to 1 3/8 in	1/2 in	Steel	6/7	DeWalt	5XFA4



Wood-Cutting Hole Cutter Kits

■ 3 carbide teeth

Cut holes in wood, MDF, and plywood. These hole cutters are often used in joist drills to cut quickly through 2x4s.



483K83

No. of Pieces	Saw Size Range	Max. Cutting Depth	Item No.
7	2 1/2 in to 3 3/8 in	2 1/4 in	483K82
8	2 1/2 in to 3 3/8 in	2 1/4 in	483K83
10	2 1/2 in to 4 1/4 in	2 1/4 in	483K84



Metal-Cutting Hole Cutter Kits

For use on metal workpieces for tasks such as cutting knockouts in electrical panels.

No. of Pieces	Saw Size Range	Max. Cutting Depth	Tooth Material	Number of Teeth	Brand	Item No.
Arbor Not Included						
10	1/8 in to 2 1/2 in	3/8 in	Carbide Tipped	—	Westward	6EXN7
11	1/8 in to 2 1/2 in	1/4 in	High Speed Steel	7/8/10/14/15/17	Greenlee	4GB13
Arbor Included						
4	1/8 in to 1 3/8 in	1/8 in	Carbide Tipped	4/4/4	Greenlee	1ANZ1
5	1 1/8 in to 1 9/16 in	1/8 in	Carbide Tipped	6	Milwaukee	48Z662
	7/8 in to 1 3/8 in	1/8 in	Carbide Tipped	4	Milwaukee	48Z664
	1 1/8 in to 1 1/2 in	1 in	Carbide Tipped	—	Morse	48ZU45
7	1 1/8 in to 1 3/8 in	1/2 in	Carbide Tipped	6	Milwaukee	48Z663
	7/8 in to 2 in	1/8 in	Carbide Tipped	6	Milwaukee	48Z665
Arbor Built-In						
4	1/8 in to 1 3/8 in	1/8 in	Carbide Tipped	5/6/8	Greenlee	1ANV9
	1/8 in to 1 3/8 in	1/4 in	Carbide Tipped	5/6/7	IDEAL	10F520
6	1/8 in to 1 3/8 in	1/8 in	Carbide Tipped	—	Morse	48ZU46
8	1/8 in to 2 1/2 in	1/4 in	Carbide Tipped	5/6/7/9/10/12	IDEAL	10F522
	7/8 in to 2 in	1/8 in	Carbide Tipped	4/4/6/6	Greenlee	34F138
9	7/8 in to 2 1/2 in	1/8 in	Carbide Tipped	—	Morse	48ZU47



Arbor Built-In
34F138



Wood-Cutting Hole Saw Kits

Cut holes in wood, plywood, and MDF. The pilot bit prevents the hole saw from walking or moving when it starts the cut.

No. of Pieces	Saw Size Range	Max. Cutting Depth	Tooth Material	Teeth per Inch	Brand	Item No.
Arbor Built-In						
3	1 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX11
9	3/4 in to 1 3/4 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX25
15	3/4 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX23
Arbor Included						
4	1 in to 2 1/2 in	1 1/2 in	Bi-Metal	5/6	Morse	53WP36
5	1 in to 2 1/2 in	1 3/4 in	Steel	3/4	DeWalt	5TY57
9	7/8 in to 2 1/2 in	1 3/4 in	Steel	3/4	DeWalt	6MT74
10	1/2 in to 2 in	1 3/8 in	Bi-Metal	3/4	Greenlee	35MJ17
13	3/4 in to 2 1/2 in	1 3/4 in	Steel	3/4	DeWalt	1LPR4
Arbor Not Included						
6	2 1/2 in to 4 in	1 1/2 in	Bi-Metal	—	Greenlee	35MJ18
8	7/8 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX18
9	7/8 in to 2 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX13
10	3/4 in to 2 1/4 in	1 3/8 in	Bi-Metal	Variable Pitch	Greenlee	35MH74
12	3/4 in to 2 1/2 in	1 3/8 in	Bi-Metal	Variable Pitch	Greenlee	35MH76
14	7/8 in to 4 1/2 in	1 3/8 in	Bi-Metal	—	Greenlee	35MJ19
16	3/4 in to 4 1/2 in	1 1/2 in	Bi-Metal	4/6	Westward	29VX16



Arbor Included
1LPR4



Diamond Grit Hole Saw Kit for Masonry & Tile

Diamond grit cuts faster and has a longer life span than carbide grit when cutting masonry and stone.

No. of Pieces	Max. Cutting Depth	Item No.
3	1 3/8 in	35T135

