



# METAL DRILLING BITS

## CARBIDE TOOTH CUTTERS FOR SHEET METAL

### CLEAN HOLES

- Drills burr-free holes
- Specifically designed for hand held applications to produce drill press quality holes

### LONG LIFE

- Carbide tips stay sharper longer than high-speed steel or bi-metal cutters

### VERSATILE

- For material up to 3/16" thick
- Ideal for stainless steel, structural steel studs and electrical boxes



Size	Metric	Part Number
3/4"	19 mm	49-57-8305
7/8"	22 mm	49-57-8309
1"	25 mm	49-57-8311
1-1/8"	29 mm	49-57-8315
1-7/32"	31 mm	49-57-8317
1-1/4"	32 mm	49-57-8319
1-5/16"	33 mm	49-57-8321
1-3/8"	35 mm	49-57-8323
1-7/16"	37 mm	49-57-8325
1-1/2"	38 mm	49-57-8327
1-3/4"	44 mm	49-57-8329
2"	51 mm	49-57-8331
2-1/8"	54 mm	49-57-8333
2-1/4"	57 mm	49-57-8335
2-3/8"	60 mm	49-57-8337
2-1/2"	64 mm	49-57-8339
2-5/8"	67 mm	49-57-8341
3"	76 mm	49-57-8343

## CARBIDE TOOTH CUTTERS FOR STEEL PLATE

### CLEAN HOLES

- Drills burr-free holes

### LONG LIFE

- Carbide tips stay sharper longer than high-speed steel or bi-metal cutters

### VERSATILE

- For material up to 1/2" thick
- Ideal for stainless steel, structural steel studs and electrical boxes



Size	Metric	Part Number
11/16"	18 mm	49-57-8201
3/4"	19 mm	49-57-8203
13/16"	21 mm	49-57-8205
7/8"	22 mm	49-57-8207
15/16"	24 mm	49-57-8209
1"	25 mm	49-57-8211
1-1/16"	27 mm	49-57-8213
1-1/8"	29 mm	49-57-8215
1-3/16"	30 mm	49-57-8217
1-1/4"	32 mm	49-57-8219
1-5/16"	33 mm	49-57-8221
1-3/8"	35 mm	49-57-8223
1-7/16"	37 mm	49-57-8225
1-1/2"	38 mm	49-57-8227

## SHEET METAL CARBIDE TOOTH CUTTER KITS



5 Pc Electrician's Kit 49-22-8300	7 Pc Electrician's Kit 49-22-8310
<b>Includes:</b> <ul style="list-style-type: none"> <li>7/8", 1-1/8", 1-3/8" carbide steel plate cutters</li> <li>Arbor with pilot bit and one additional pilot bit</li> </ul>	<b>Includes:</b> <ul style="list-style-type: none"> <li>7/8", 1-1/8", 1-3/8", 1-3/4" &amp; 2" carbide sheet metal cutters</li> <li>Arbor with pilot bit and one additional pilot bit</li> </ul>

## STEEL PLATE CARBIDE TOOTH CUTTER KITS



5 Pc Contractor's Kit 49-22-8200	7 Pc Contractor's Kit 49-22-8210
<b>Includes:</b> <ul style="list-style-type: none"> <li>11/16", 13/16" &amp; 15/16" carbide steel plate cutters</li> <li>Arbor with pilot bit and one additional pilot bit</li> </ul>	<b>Includes:</b> <ul style="list-style-type: none"> <li>11/16", 13/16", 15/16", 1-1/8" &amp; 1-3/8" carbide steel plate cutters</li> <li>Arbor with pilot bit and one additional pilot bit</li> </ul>

## ARBORS AND PILOT BITS FOR CARBIDE TOOTH CUTTERS

### QUICK CHANGE ARBOR



Description	Part Number
Quick Change Arbor For All Carbide Cutters	49-57-0035
Pilot Bit For 49-57-0035 Quick Change Arbor	49-57-0038
Ejector Spring For 49-57-0035 Quick Change Arbor	40-50-8780

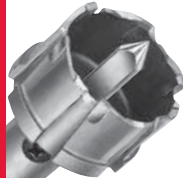
### RETRACTABLE PIN ARBOR



Description	Part Number
Centering Pin Arbor With Detachable Drill Cap*	49-57-0037
Drill Cap For 49-57-0037 Quick Change Arbor*	42-52-1015

\*Drill cap is for drilling a pilot hole if used in a hand held application

# STEEL HAWG® CUTTERS



## THREADED STEEL HAWG® CUTTERS

### FAST CUTTING

- Alternating tooth geometry for up to 3X faster cutting

### LONG LIFE

- Hardened carbide steel teeth provide longer life

### 2" CUTTING DEPTH



Size	Part Number
3/4"	49-57-0750
13/16"	49-57-0812
7/8"	49-57-0875
15/16"	49-57-0937
1"	49-57-1000
1-1/16"	49-57-1062
1-1/8"	49-57-1125
1-3/16"	49-57-1187
1-1/4"	49-57-1250
1-5/16"	49-57-1312
1-3/8"	49-57-1375
1-7/16"	49-57-1437
1-1/2"	49-57-1500
1-9/16"	49-57-1562
1-5/8"	49-57-1625
1-11/16"	49-57-1687
1-3/4"	49-57-1750
1-13/16"	49-57-1812
1-7/8"	49-57-1875
1-15/16"	49-57-1937
2"	49-57-2000
2-1/16"	49-57-2060
2-1/8"	49-57-2120
2-1/4"	49-57-2250
2-5/16"	49-57-2310

Size	Part Number
2-3/8"	49-57-2370
2-1/2"	49-57-2500
2-9/16"	49-57-2560
2-5/8"	49-57-2620
2-3/4"	49-57-2750
2-7/8"	49-57-2870
3"	49-57-3000
3-1/8"	49-57-3120
3-1/4"	49-57-3250
3-3/8"	49-57-3370
3-1/2"	49-57-3500
3-5/8"	49-57-3620
3-3/4"	49-57-3750
3-7/8"	49-57-3870
4"	49-57-4000
4-1/8"	49-57-4120
4-1/4"	49-57-4250
4-3/8"	49-57-4370
4-1/2"	49-57-4500
4-5/8"	49-57-4620
4-3/4"	49-57-4750
5"	49-57-5000
5-1/2"	49-57-5500
6"	49-57-6000

## FOR USE WITH MILWAUKEE ELECTROMAGNETIC DRILL PRESSES AND DRILL STANDS

- **Two Styles:** Threaded Or Quik-Lok With Appropriate Arbor Assemblies
- **Carbide-Tipped Multiple Cutting Edges** – MILWAUKEE steel hawk cutters are high efficient carbide-tipped cutting tools. Alternating inside and outside cutting edges are carefully honed to cut holes rapidly with great precision.
- **Hardened Carbide** – Last longer than regular twist drills. The steel hawk cutters' multiple cutting edges uniformly distribute cutting over a wider area than a two flute twist drill tip.
- **Large Hole Cutters, Maximum 2" Depth, Up To 6" Diameter For Steel Plate, Stainless Steel, Cast Iron Or Aluminum**
- **3 Times Faster Than Twist Drills In Steel, Stainless Or Non-Ferrous Metals**

## ARBORS



#3 Morse Taper Arbor 49-57-0010	3/4" Shank Arbor 49-57-0030
<ul style="list-style-type: none"> <li>■ Works with threaded STEEL HAWG® cutters</li> <li>■ Use with motors 4292-1 and 4297-1</li> </ul>	<ul style="list-style-type: none"> <li>■ Works with threaded STEEL HAWG® cutters</li> <li>■ Use with 4262-1 motor</li> </ul>
<b>Includes:</b> <ul style="list-style-type: none"> <li>■ Oil hose and hand pump</li> </ul>	<b>Includes:</b> <ul style="list-style-type: none"> <li>■ Oil hose and hand pump</li> </ul>

## QUICK CHANGE TANG STEEL HAWG® CUTTERS

### FAST CUTTING

- Alternating tooth geometry for up to 3X faster cutting with less pressure and better results than twist drill bits
- No pre-punching or pilot holes

### LONG LIFE

- Hardened carbide steel teeth provide longer life

### QUICK CHANGE

- Tool-free operation for fast changes

### 1" CUTTING DEPTH



Size	Part Number
1/2"	49-57-0251
9/16"	49-57-0564
5/8"	49-57-0626
11/16"	49-57-0689
3/4"	49-57-0752
13/16"	49-57-0814
7/8"	49-57-0877
15/16"	49-57-0939
1"	49-57-1002
1-1/16"	49-57-1064
1-1/8"	49-57-1127
1-3/16"	49-57-1189
1-1/4"	49-57-1252

Size	Part Number
1-5/16"	49-57-1314
1-3/8"	49-57-1377
1-7/16"	49-57-1439
1-1/2"	49-57-1502
1-9/16"	49-57-1564
1-5/8"	49-57-1627
1-11/16"	49-57-1689
1-3/4"	49-57-1752
1-13/16"	49-57-1814
1-7/8"	49-57-1877
1-15/16"	49-57-1939
2"	49-57-2002

## ARBORS

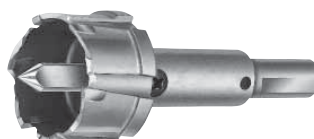


#3 Morse Taper Quick Change Arbor 49-57-0012	#3 Morse Taper Quick Change Arbor w/Chip Breaker 49-57-0013	3/4" Straight Shank Quick Change Arbor 49-57-0032
<ul style="list-style-type: none"> <li>■ Works with quick-change tang STEEL HAWG® cutters</li> <li>■ Use with motors 4292-1 and 4297-1</li> </ul>	<ul style="list-style-type: none"> <li>■ Works with quick-change tang STEEL HAWG® cutters</li> <li>■ Use with motors 4292-1 and 4297-1</li> </ul>	<ul style="list-style-type: none"> <li>■ Works with quick-change tang STEEL HAWG® cutters</li> <li>■ Use with 4262-1 motor</li> </ul>
<b>Includes:</b> <ul style="list-style-type: none"> <li>■ Oil hose and hand pump</li> </ul>	<b>Includes:</b> <ul style="list-style-type: none"> <li>■ Oil hose and hand pump</li> </ul>	<b>Includes:</b> <ul style="list-style-type: none"> <li>■ Oil hose and hand pump</li> </ul>

## ONE PIECE STEEL HAWG® CUTTERS

### 1/2" CUTTING DEPTH

- Recommended for use with Milwaukee® electromagnetic drill presses or hand drill



Size	Part Number
11/16"	49-57-8068
13/16"	49-57-8081
Pilot Bit	49-57-0038