

# *starcraft*<sup>®</sup>

PROFESSIONAL TOOLS



## **HOLE SAWS**

### 1017 / BI-METAL HOLE SAWS



#### APPLICATIONS:

- Bi-metal construction.
- Special high speed steel cutting teeth.
- 4/6 T.P.I. variable tooth pitch achieves easy but fast cutting with less efforts; less noise and increased life span.

#### FEATURES:

- Tip teeth hardened for cutting any usual materials with a high wear resistance.
- Hole saw and arbor in two parts, so hole saws of different diameters can be exchanged and fitted more rapidly.
- For cutting steel, cast iron, aluminum, wood & plastic.

3 cutting depths available:

- 1-1/2" | 38mm, 1-3/4" | 44mm, 1-7/8" | 48mm



ITEM NO.	DIAMETER		ITEM NO.	DIAMETER	
	INCH	MM		INCH	MM
10170301E	9/16	14	10170331E	2-1/2	64
10170302E	5/8	16	10170332E	2-9/16	65
10170303E	11/16	17	10170333E	2-5/8	67
10170304E	3/4	19	10170334E	2-11/16	68
10170305E	25/32	20	10170335E	2-3/4	70
10170306E	13/16	21	10170336E	2-7/8	73
10170307E	7/8	22	10170337E	3	76
10170308E	15/16	24	10170338E	3-1/8	79
10170309E	1	25	10170339E	3-1/4	83
10170310E	1-1/16	27	10170340E	3-3/8	86
10170311E	1-1/8	29	10170341E	3-1/2	89
10170312E	1-3/16	30	10170342E	3-5/8	92
10170313E	1-1/4	32	10170343E	3-3/4	95
10170314E	1-5/16	33	10170344E	3-7/8	98
10170315E	1-3/8	35	10170345E	4	102
10170316E	1-7/16	37	10170346E	4-1/8	105
10170317E	1-1/2	38	10170347E	4-1/4	108
10170318E	1-9/16	40	10170348E	4-3/8	111
10170319E	1-5/8	41	10170349E	4-1/2	114
10170320E	1-11/16	43	10170350E	4-3/4	121
10170321E	1-3/4	44	10170351E	5	127
10170322E	1-13/16	46	10170352E	5-1/4	133
10170323E	1-7/8	48	10170353E	5-1/2	140
10170324E	2	51	10170354E	5-3/4	146
10170325E	2-1/16	52	10170355E	6	152
10170326E	2-1/8	54	10170356E	6-5/16	160
10170327E	2-3/16	56	10170357E	6-5/8	168
10170328E	2-1/4	57	10170358E	7	178
10170329E	2-5/16	59	10170359E	7-7/8	200
10170330E	2-3/8	60			

VARIOUS SETS WITH PACKAGE DISPLAYED ON PAGE 4 & 5.



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN COLOR PAPER BOX



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN CLAMSHELL

## 1018 BI-METAL HOLE SAWS ARBOR & ACCESSORIES



Quick Change  
Deep Drilling up to 150mm

### ARBORS WITH 6MM/1/4" HSS PILOT DRILLS

ITEM NO.	FOR HOLE SAWS DIAMETER (MM) / (INCH)		THREAD SIZE	SHANK
10180303E	14 to 30	9/16 to 1-3/16	1/2-20 UNF	3/8" hex
10180304E	14 to 30	9/16 to 1-3/16	1/2-20 UNF	7/16" hex
10180309E	32 to 203	1-1/4 to 8	5/8-18 UNF	3/8" hex
10180313E	14 to 30	9/16 to 1-3/16	1/2-20 UNF	SDS-plus
10180314E	32 to 203	1-1/4 to 8	5/8-18 UNF	SDS-plus
10180315E	32 to 203	1-1/4 to 8	5/8-18 UNF	7/16" hex
10180331E	14 to 30	9/16 to 1-3/16	1/2-20 UNF	9.5mm 3/8" hex
10180332E	32 to 203	1-1/4 to 8	5/8-18 UNF	9.5mm 3/8" hex
10180333E	14 to 30	9/16 to 8	1/2-20 UNF, 5/8-18 UNF	SDS-plus or 3/8" hex
10180334E	32 to 203	1-1/4 to 8	5/8-18 UNF	9.5mm 3/8" hex

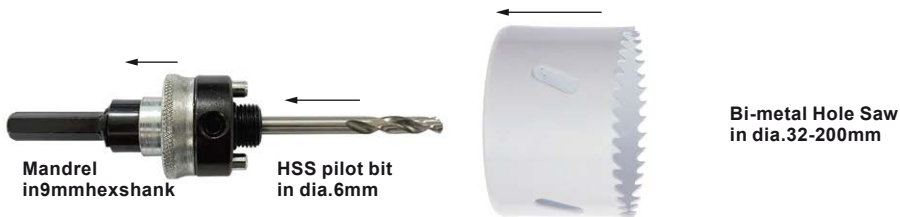
## 1018 / BI-METAL HOLE SAWS ARBOR & ACCESSORIES

### QUICK RELEASE ARBOR

#### Assembly Guide



Insert the shank of hss pilot bit into the manrel and lockit bytightening the set screw;  
Insert the pilot bit through the back of the hole saw;  
Screw the hole saw onto the mandre 's threads unti tight

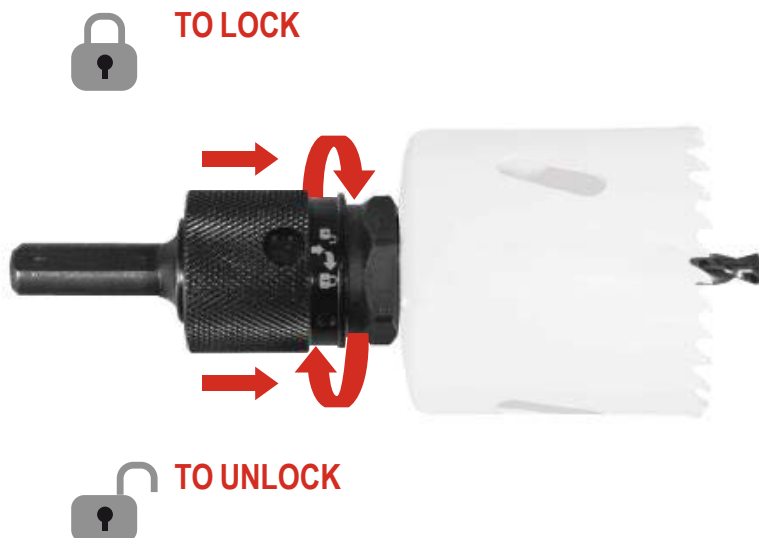


Insert the shank of hss pilot bit into the manrel and lock it by tightening the set screw;  
Insert the pilot bit through the back of the hole saw;  
Screw the hole saw onto the mandrel's threads without being bottomed out on threads.  
Pull back the silver collar and screw the hole saw onto the bottom of mandrel's thread, then release the collar to align the pins with holes on the back of the hole saw to secure the hole saw in place.



### QUICK CHANGE ARBOR

Unique quick change system for rapid hole saw change  
Easy locking system for secure drilling  
Replaceable pilot drill for long arbor life  
Fits all brands of hole saws



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### 1017 BI-METAL HOLE SAWS SETS



**Item No.101745**  
**9PCS ELECTRICIANS' KIT**  
**in plastic case**  
 (6) Bi-metal hole saws:22,29,35,44,51,64mm  
 (7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2");  
 (1)3/8" hex shank arbor with pilot bit;  
 (1)7/16" hex shank arbor with pilot bit;  
 (1)arbor adapter.



**Item No.101746**  
**9PCS ELECTRICIANS' KIT**  
**in plastic case**  
 (6) Bi-metal hole saws:22,29,35,44,51,64mm  
 (7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2");  
 (1)3/8" hex shank arbor with pilot bit;  
 (1)7/16" hex shank arbor with zinc-plated  
 knurled locking collar and pilot bit;  
 (1)arbor adapter.



**Item No.101747**  
**9PCS PLUMBERS' KIT**  
**in plastic case**  
 (6) Bi-metal hole saws:16,20,25,32,40,51mm  
 (5/8", 25/32", 1", 1-1/4", 1-9/16", 2");  
 (1)3/8" hex shank arbor with pilot bit;  
 (1)7/16" hex shank arbor with pilot bit;  
 (1) Ejector spring;



**Item No.101748**  
**9PCS PLUMBERS' KIT**  
**in plastic case**  
 (6) Bi-metal hole saws:19,22,29,38,44,57mm  
 (3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4");  
 (1)3/8" hex shank arbor with pilot bit;  
 (1)7/16" hex shank arbor with zinc-plated  
 knurled locking collar and pilot bit;  
 (1)arbor adapter.



**Item No.110601**  
**14PCS QUICK CHANGE BI-METAL**  
**HOLE SAW KIT in plastic case**  
 (6)Bi-metal hole saw with adapte nut:  
 22,29,35,44,51,64mm(7/8", 1-1/8", 1-3/8",  
 1-3/4", 2", 2-1/2")  
 (1) 7/16" hex shank quick change arbor with  
 pilot bit;  
 (2) replacement pilot drill;  
 (1) adpater nut with 1/2"-20UNF thread;  
 (4) adapter nut with 5/8"-18UNF thread.



**Item No.101749**  
**14PCS BI-METAL HOLE SAW KIT**  
**in blow mould case**  
 (10) Bi-metal hole saws:19,22,29,35,38,44,  
 51,54,57,64mm(3/4", 7/8", 1-1/8", 1-3/8",  
 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4", 2-1/2");  
 (1) small arbor with pilot drill;  
 (1) large arbor with pilot drill;  
 (1) replacement pilot drill;  
 (1) arbor adapter.



**Item No.101744**  
**9PCS PLUMBERS' KIT**  
**in color paper box**  
 (6) Bi-metal hole saws:19,22,29,38,44,57mm  
 (3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4");  
 (1)3/8" hex shank arbor with pilot bit;  
 (1)7/16" hex shank arbor with pilot bit;  
 (1)arbor adapter.



**Item No.101750**  
**16pcs Bi-metal hole saws set**  
**in Aluminum case**  
 (13) hole saws-Ø19,20,22,25,  
 29,32,35,38,44, 51,57,64,76mm  
 (1)arbor extension-300mm  
 (1)7/16" hex shank arbor with HSS  
 pilot bit for Ø32-203mm  
 (1)1/4" round shank arbor with HSS  
 pilot bit for Ø14-32mm

### 1017 BI-METAL HOLE SAWS SETS



**Item No.101751**

**16pcs Bi-metal hole saws set in Plastic case**  
 (13) hole saws-Ø19,20,22,25,29,35,38,40,48,60,65,68,86mm  
 (1) arbor extension-300mm  
 (1) 7/16" hex shank arbor with HSS pilot bit for Ø32-203mm  
 (1) 3/8" hex shank arbor with HSS pilot bit for Ø14-32mm



**Item No.101752**

**12pcs Bi-metal hole saws set in Plastic case**  
 (10) hole saws-Ø19,22,25,29,35,38,44,51,57,68mm  
 (1) 7/16" hex shank arbor with HSS pilot bit for Ø32-203mm  
 (1) 3/8" hex shank arbor with HSS pilot bit for Ø14-32mm



**Item No.101753**

**16pcs Bi-metal hole saws set in Aluminum case**  
 (13) hole saws-Ø19,20,22,25,29,35,38,40,48,60,65,68,86mm  
 (1) arbor extension-300mm  
 (1) 7/16" hex shank arbor with HSS pilot bit for Ø32-203mm  
 (1) 3/8" hex shank arbor with HSS pilot bit for Ø14-32mm



**Item No.101754**

**9PCS BI-METAL HOLE SAW SET in plastic case**  
 (6) Hole saw: 19,22,29,38,44,57mm (3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4");  
 (1) 3/8" hex shank arbor with HSS pilot bit for 14-30mm hole saw;  
 (1) 7/16" hex shank arbor with HSS pilot bit for 32-200mm hole saw.  
 (1) Ejector spring;



**Item No.101755**

**9PCS BI-METAL HOLE SAW SET in plastic case**  
 (6) Hole saw: 20,25,32,40,51,65mm (25/32", 1", 1-1/4", 1-9/16", 2", 2-9/16");  
 (1) 3/8" hex shank arbor with HSS pilot bit for 14-30mm hole saw;  
 (1) 7/16" hex shank arbor with HSS pilot bit for 32-200mm hole saw.  
 (1) Ejector spring;

### 1101 BI-METAL STEEL SHEET HOLE SAWS

**APPLICATIONS:**

- Designed for Mild Steel, Stainless Steel, Aluminium sheets up to 2mm.

**FEATURES:**

- HSS Cutting edge with 8% cobalt for extra durability.
- Shallow cup optimised for drilling thin metal.
- Slim kerf provides reduced resistance for rapid drilling.
- Internal ejection spring automatically ejects the metal disc for hassle-free drilling.
- Stop shoulder prevents over drilling.
- 1/4" hex impact driver shank for use in impact drivers.



INDIVIDUAL PACKAGE DISPLAY  
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ITEM NO.	DIAMETER	
	INCH	MM
11010301C	9/16	14
11010302C	5/8	16
11010303C	11/16	18
11010304C	3/4	19
11010305C	25/32	20
11010306C	7/8	22
11010307C	1	25
11010308C	1-3/16	30
11010309C	1/4	32
11010310C	1-3/8	35
11010311C	1-1/2	38



**Item No.110101**

**3PCS STEEL SHEET HOLE SAWS packed in trapped blister card**  
 Contains:  
 59,66,74,81,93mm  
 with 34mm cutting length

**CARBIDE TIPPED HOLE SAW**

**3tpi Carbide teeth design**

Gives best durability and life in extreme multi-material applications.

**Carbide teeth**

Outperforms bi-metal hole saw. For the toughest applications where bi-metal holes can not cut.

**41mm (1-5/8") Cutting depth**

for cutting up to 1-5/8in thick materials.

**Slant Slots**

enhance user productivity by providing best access and leverage to remove material slugs.



**APPLICATIONS:**

For cutting stainless steel, fastener embedded wood, cement board, fiberglass, plaster, asphalt shingles and more.



## 1102 / T.C.T HOLE SAWS



### APPLICATIONS:

- Cuts stainless steel sheet, ceramic tile, fastener embedded wood, cement board, fiberglass, plaster and more.

### FEATURES:

- Carbide teeth for 50x life in extreme materials.
- Outperforms bi-metal hole saws. For the toughest applications where bi-metal hole saws cannot cut.
- 3tpi carbide teeth design gives best durability and longest life in extreme applications.
- Long slots enhance user productivity by providing best access and leverage to remove.



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### Item No. 110201

#### 15PCS QUICK CHANGE CARBIDE TIPPED HOLE SAWS SET in plastic case

- (9) Carbide tipped hole saws with quick change adapter  
19, 22, 29, 35, 38, 44, 51, 54, 64mm;  
(3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/8", 2-1/2");
- (2) 1/4" HSS PILOT DRILL BITS;
- (2) 3mm hex key;
- (1) 10mm 3-flat shank quick change hole saw arbor;
- (1) Spacer and arbor adapter.

ITEM NO.	DIAMETER	
	INCH	MM
11020301E	9/16	14
11020302E	5/8	16
11020303E	3/4	19
11020304E	7/8	22
11020305E	1	25
11020306E	1-1/8	29
11020307E	1-1/4	32
11020308E	1-3/8	35
11020309E	1-1/2	38
11020310E	1-3/4	44
11020311E	2	51
11020312E	2-1/8	54
11020313E	2-3/8	60
11020314E	2-1/2	64

ITEM NO.	DIAMETER	
	INCH	MM
11020315E	2-5/8	67
11020316E	2-3/4	70
11020317E	3	76
11020318E	3-1/8	79
11020319E	3-1/4	83
11020320E	3-1/2	89
11020321E	3-5/8	92
11020322E	4	102
11020323E	4-1/8	105
11020324E	4-1/4	108
11020325E	4-1/2	114
11020326E	5	127
11020327E	6	152

\* Compatible with 1018 Bi-metal hole saw arbors.



INDIVIDUAL PACKAGE DISPLAY  
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**DEEP CUT T.C.T MULTI-PURPOSE HOLE SAWS**  
also available upon request

### 1048 / T.C.T FAST CUT HOLE SAWS



#### APPLICATIONS:

- Multiple uses - cutting wood, MDF, plastics, ceramic wall tiles and building bricks.
- Suitable for use in mains and battery powered tools.
- Cutting depth up to 60mm(2-3/8").

#### FEATURES:

- Carbide tipped teeth for outstanding cutting performance and product durability.
- Smooth cut, with minimal heat build up.
- Supported by a comprehensive range of arbors (order separately).



INDIVIDUAL PACKAGE DISPLAY  
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ITEM NO.	DIAMETER		ITEM NO.	DIAMETER	
	INCH	MM		INCH	MM
10480201E	5/8	16	10480221E	2-31/64	63
10480202E	3/4	19	10480222E	2-9/16	65
10480203E	25/32	20	10480223E	2-5/8	67
10480204E	7/8	22	10480224E	2-11/16	68
10480205E	1	25	10480225E	2-3/4	71
10480206E	1-1/16	27	10480226E	2-7/8	73
10480207E	1-1/8	29	10480227E	2-29/32	74
10480208E	1-3/16	30	10480228E	3	76
10480209E	1-1/4	32	10480229E	3-5/32	80
10480210E	1-3/8	35	10480230E	3-5/8	92
10480211E	1-7/16	36	10480231E	4	102
10480212E	1-1/2	38	10480232E	4-1/8	105
10480213E	1-9/16	40	10480233E	4-3/8	111
10480214E	1-3/4	44	10480234E	4-15/16	125
10480215E	1-5/32	45	10480235E	5	127
10480216E	1-31/32	50	10480236E	5-1/4	133
10480217E	2	51	10480237E	5-1/2	140
10480218E	2-1/8	54	10480238E	5-3/4	146
10480219E	2-1/4	57	10480239E	6	152
10480220E	2-3/8	60			

\* Compatible with 3031 hole saw arbors.



HSS BITS

10180304



TCT BITS

30310301



HSS BITS

10180315



TCT BITS

30310306

### 1104 / T.C.T HOLE SAWS

#### Aggressive 3-tooth geometry

Unique cutting angle permits up to 5X faster cutting than bi-metal hole saws.

#### Large Carbide teeth

Offer maximum durability against unintended nail impacts.

#### 59mm(2-3/8") Cutting depth

For cutting up to 2-3/8in thick materials.

#### One piece construction body (integrated thicker backer)

Extends extreme life performance, in demanding applications and adds extra durability.

#### Wide and deep gullets

Enable easy plug removal.



#### APPLICATIONS:

- Cuts through wood with nails, screws, plaster, shingles, cement board and more.
- Suitable for use in mains and battery powered tools.
- Cutting depth up to 60mm(2-3/8").

#### FEATURES:

- Deep gullets for easy plug removal.
- Rugged construction for extra life.
- Carbide teeth for wood with nails, cement board, composite enclosures and other abrasive materials.
- Faster than self-feed bits in wood.
- Faster than carbide grit in abrasive materials.

ITEM NO.	DIAMETER		ITEM NO.	DIAMETER		ITEM NO.	DIAMETER		ITEM NO.	DIAMETER	
	INCH	MM		INCH	MM		INCH	MM		INCH	MM
11040301E	5/8	16	11040312E	1-9/16	40	11040323E	2-3/4	70	11040334E	4-1/8	105
11040302E	3/4	19	11040313E	1-5/8	41	11040324E	2-7/8	73	11040335E	4-1/4	108
11040303E	25/32	20	11040314E	1-3/4	44	11040325E	3	76	11040336E	4-5/16	109
11040304E	7/8	22	11040315E	1-7/8	48	11040326E	3-1/8	79	11040337E	4-3/8	111
11040305E	1	25	11040316E	2	51	11040327E	3-1/4	83	11040338E	4-1/2	114
11040306E	1-1/16	27	11040317E	2-1/8	54	11040328E	3-3/8	86	11040339E	4-5/8	118
11040307E	1-1/8	29	11040318E	2-1/4	57	11040329E	3-1/2	89	11040340E	4-3/4	121
11040308E	1-3/16	30	11040319E	2-3/8	60	11040330E	3-5/8	92	11040341E	5	127
11040309E	1-1/4	32	11040320E	2-1/2	64	11040331E	3-3/4	95	11040342E	5-1/2	140
11040310E	1-3/8	35	11040321E	2-9/16	65	11040332E	3-7/8	98	11040343E	6	152
11040311E	1-1/2	38	11040322E	2-5/8	67	11040333E	4	102	11040344E	6-1/4	159

\* Compatible with 3031 hole saw arbors.

### 2549 / DIAMOND GRIT HOLE SAWS



#### APPLICATIONS:

- For precise holes in porcelain tile, ceramic tile, granite, marble, cement board and fibreglass.

#### FEATURES:

- Tough brazed diamond grit for long life.
- Ultra-thin kerf provides low torque for faster cutting and prolonged battery life.
- Use with drills (1,500 – 2,000rpm) with arbor or angle grinders with adaptor (8,000 – 12,000rpm).
- Minimal coolant required for cutting hard tile, stone and glass. Use fully dry on other materials.



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ITEM NO.	DIAMETER		ITEM NO.	DIAMETER	
	INCH	MM		INCH	MM
25490301E	3/4"	19	25490322E	2-5/8	67
25490302E	25/32	20	25490323E	2-11/16	68
25490303E	7/8	22	25490324E	2-3/4	70
25490304E	1	25	25490325E	2-7/8	73
25490305E	1-1/8	29	25490326E	3	76
25490306E	1-1/4	30	25490327E	3-1/8	79
25490308E	1-17/64	32	25490328E	3-1/4	83
25490309E	1-3/8	35	25490329E	3-1/2	89
25490310E	1-1/2	38	25490330E	3-5/8	92
25490311E	1-5/8	41	25490331E	3-3/4	95
25490312E	1-3/4	44	25490332E	3-15/16	100
25490313E	1-7/8	47	25490333E	4	102
25490314E	2	51	25490334E	4-1/8	105
25490315E	2-1/8	53	25490335E	4-1/4	108
25490317E	2-9/64	54	25490336E	4-5/16	110
25490318E	2-1/4	57	25490337E	4-1/2	114
25490319E	2-3/8	60	25490338E	5	127
25490320E	2-1/2	64	25490339E	6	152
25490321E	2-9/16	65			

\* Compatible with 3031 hole saw arbors.

### 3031 / ARBORS WITH T.C.T. PILOT DRILL BIT FOR CARBIDE TIPPED/GRIT HOLE SAWS



30310301



30310302



30310305



30310306



30310307

ITEM NO.	FOR HOLE SAWS DIAMETER		SHANK
	(MM)	(INCH)	
30310301E	14 to 30	9/16 to 1-3/16	3/8" hex
30310302E	14 to 30	9/16 to 1-3/16	7/16" hex
30310305E	32 to 76	1-5/16 to 3	7/16" hex
30310306E	33 to 177	1-5/16 to 6-31/32	7/16" hex
30310307E	33 to 177	1-5/16 to 6-31/32	7/16" hex

## 3043 / HAMMER CORE BITS, HEAVY DUTY



### APPLICATIONS:

- To be used on hammer drills in conjunction with the corresponding arbors.
- For the professional use in drilling concrete, rock, masonry and bricks..

### FEATURES:

- Tungsten carbide tipped cutting teeth and pilot drill.
- Extremely quiet running thanks to Asym metrical tooth pitch arrangement.
- Reduced friction thanks to drilling dust flute.
- Interchangeable M22 threaded arbor.
- High drilling performance thanks to corrugated base.



INDIVIDUAL PACKAGE DISPLAY  
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ITEM NO.	CUTTING DIA. (MM)	OVERALL LENGTH (MM)	NUMBER OF CARBIDE TEETH	SHANK THREAD
30430301C	25	78	6	M22
30430302C	30	78	6	M22
30430303C	35	78	6	M22
30430304C	40	78	6	M22
30430305C	45	78	6	M22
30430306C	50	78	6	M22
30430307C	65	78	8	M22
30430308C	68	78	8	M22
30430309C	80	78	8	M22
30430310C	90	78	8	M22
30430311C	100	78	8	M22
30430312C	125	78	8	M22

ITEM NO.	CUTTING DIA. (INCH)	OVERALL LENGTH (INCH)	NUMBER OF CARBIDE TEETH	SHANK THREAD
30439301C	1	3-1/16	6	M22
30439302C	1-3/16	3-1/16	6	M22
30439303C	1-3/8	3-1/16	6	M22
30439304C	1-9/16	3-1/16	6	M22
30439305C	1-3/4	3-1/16	6	M22
30439306C	2	3-1/16	6	M22
30439307C	2-1/2	3-1/16	8	M22
30439308C	2-11/16	3-1/16	8	M22
30439309C	3	3-1/16	8	M22
30439310C	3-1/2	3-1/16	8	M22
30439311C	4	3-1/16	8	M22
30439312C	5	3-1/16	8	M22



### \* Compatible with following arbors.

- 

**30200002**  
**SDS-MAX SHANK**  
M22x216mm
- 

**30200003**  
**T.C.T. PILOT BITS**  
8mmx110mm
- 

**30200004**  
**HEXAGON SHANK**  
M22 x100mm
- 

**30200007**  
**SDS-MAX SHANK**  
M22 x100mm

### 4020 / HSS HOLE SAWS WITH PILOT AND EJECTOR



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN CLAMSHELL

#### APPLICATIONS:

- For high precision drilling in metallic sheet.

#### FEATURES:

- HSS cutting edges for general use in steels and cast irons.
- Sharper tooth tip for easier cutting.
- Better chip clearance.
- Longer product life; teeth stay sharp longer.
- Ejector spring for quick and continuous work, enables the rapid removal of the core in thin sheet metals.
- Exchangeable centering pilot drill.
- Exchangeable threaded arbor with three flatted shank for better grip in drill chuck.
- For use with portable drills or stationary drills.

ITEM NO.	CUTTING DIA. (MM)	SHANK (MM)	ITEM NO.	CUTTING DIA. (MM)	SHANK (MM)	ITEM NO.	CUTTING DIA. (INCH)	SHANK ((INCH)	ITEM NO.	CUTTING DIA. ((INCH)	SHANK ((INCH)
40200301C	15	8	40200318C	40	12	40209301C	1/2	5/16	40209318C	2-5/8	1/2
40200302C	16	8	40200319C	42	12	40209302C	5/8	5/16	40209319C	2-3/4	1/2
40200303C	18	8	40200320C	45	12	40209303C	3/4	5/16	40209320C	2-7/8	1/2
40200304C	19	8	40200321C	50	12	40209304C	7/8	5/16	40209321C	3	1/2
40200305C	20	8	40200322C	53	12	40209305C	1	3/8	40209322C	3-1/8	1/2
40200306C	22	8	40200323C	54	12	40209306C	1-1/8	3/8	40209323C	3-1/4	1/2
40200307C	23	8	40200324C	60	12	40209307C	1-1/4	3/8	40209324C	3-3/8	1/2
40200308C	24	8	40200325C	65	14	40209308C	1-3/8	3/8	40209325C	3-1/2	1/2
40200309C	25	10	40200326C	70	14	40209309C	1-1/2	1/2	40209326C	3-5/8	1/2
40200310C	26	10	40200327C	75	14	40209310C	1-5/8	1/2	40209327C	3-3/4	1/2
40200311C	28	10	40200328C	80	14	40209311C	1-3/4	1/2	40209328C	3-7/8	1/2
40200312C	30	10	40200329C	85	14	40209312C	1-7/8	1/2	40209329C	4	1/2
40200313C	32	10	40200330C	90	14	40209313C	2	1/2			
40200314C	34	10	40200331C	95	14	40209314C	2-1/8	1/2			
40200315C	35	10	40200332C	100	14	40209315C	2-1/4	1/2			
40200316C	36	10	40200333C	105	14	40209316C	2-3/8	1/2			
40200317C	38	12				40209317C	2-1/2	1/2			



**Item No.402001**  
8PCS SET  
in wooden box  
CONTENTS:  
16,20,22,25,28,30,32,35mm



**Item No.402002**  
8PCS SET  
in wooden box  
CONTENTS:  
5/8",3/4",7/8",1",1-1/8",1-1/4",  
1-3/8",1-1/2"

### 4074 / HSS HOLE SAWS WITH LATERAL CHIP RELIEF



#### APPLICATIONS:

- For high precision drilling in mild steel, metal sheet, fiberglass plastics.

#### FEATURES:

- HSS cutting edges.
- Ground sharper tooth for easier cutting.
- The lateral relief makes chip ejection easier and allows a better teeth cool.
- Longer product life, especially when lubricating oil is used.
- Exchangeable centering pilot drill.
- Exchangeable threaded arbor with three flatted shank for better grip in drill chuck.
- Ejector spring for quick and continuous work enables the rapid removal of the core in thin sheet metals.
- For all mechanical tasks and tasks relating to car bodywork, electrical work, plumbing.
- For use with portable drills or stationary drills.



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN CLAMSHELL

ITEM NO.	CUTTING DIA. (MM)	SHANK (MM)
40740301C	12	8
40740302C	15	8
40740303C	18	8
40740304C	20	8
40740305C	22	8
40740306C	25	10
40740307C	30	10
40740308C	35	10
40740309C	40	12
40740310C	45	12
40740311C	50	12
40740312C	60	12
40740313C	70	14
40740314C	80	14
40740315C	100	14
40740316C	120	14
40740317C	150	14



### 4021 / CARBIDE TIPPED HOLE SAWS



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN CLAMSHELL

#### APPLICATIONS:

- For perfect drilling in steel, stainless steel, non-ferrous and light metals, plastics and wood.

#### FEATURES:

- Carbide tipped cutting edges.
- Sturdy construction.
- Hole saw and arbor in one piece.
- Good chip removal.
- Longer product life; teeth stay sharp longer.
- Exchangeable centering pilot drill.
- Ejector spring for quick and continuous work, enables the rapid removal of the core in thin sheet metals.
- Smooth cutting provides less vibration.
- For use with portable drills and stationary drills
- Unsuitable for percussion-drill operation.

ITEM NO.	CUTTING DIA. (MM)	SHANK (MM)	ITEM NO.	CUTTING DIA. (MM)	SHANK (MM)	ITEM NO.	CUTTING DIA. (INCH)	SHANK (INCH)	ITEM NO.	CUTTING DIA. (INCH)	SHANK (INCH)
40210301C	15	10	40210311C	30	10	40219301C	1/2	3/8	40219311C	1-3/4	1/2
40210302C	16	10	40210312C	32	10	40219302C	5/8	3/8	40219312C	1-7/8	1/2
40210303C	18	10	40210313C	35	10	40219303C	3/4	3/8	40219313C	2	1/2
40210304C	19	10	40210314C	36	12.5	40219304C	7/8	3/8	40219314C	2-1/8	1/2
40210305C	20	10	40210315C	38	12.5	40219305C	1	3/8	40219315C	2-1/4	1/2
40210306C	22	10	40210316C	40	12.5	40219306C	1-1/8	3/8	40219316C	2-3/8	1/2
40210307C	23	10	40210317C	45	12.5	40219307C	1-1/4	3/8			
40210308C	25	10	40210318C	50	12.5	40219308C	1-3/8	3/8			
40210309C	26	10	40210319C	53	12.5	40219309C	1-1/2	3/8			
40210310C	28	10	40210320C	54	12.5	40219310C	1-5/8	1/2			



**Item No. 402101**  
**8PCS SET**  
**in wooden box**  
CONTENTS:  
16, 20, 22, 25, 28, 30, 32, 35mm



**Item No. 402102**  
**8PCS SET**  
**in wooden box**  
CONTENTS:  
5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2"

### 1026 / ADJUSTABLE CIRCLE HOLE CUTTERS



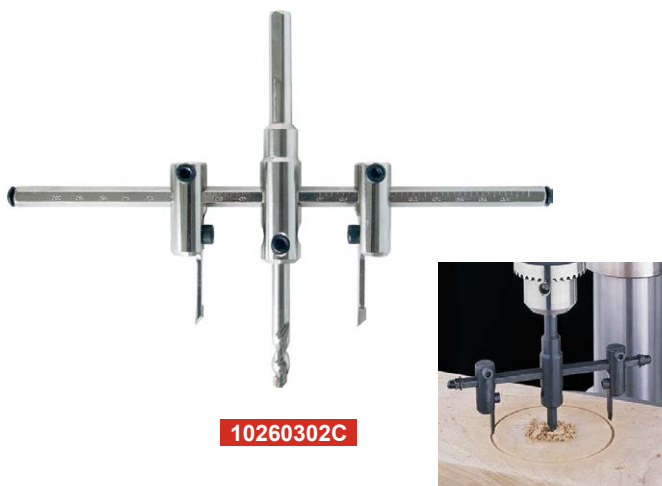
10260301C

#### APPLICATIONS:

- For cutting plywood, laminates, composite boards, plastic, rubber and other soft materials.
- To adjust the size locate the inner edges of the blade holders against the size graduation.
- Not suitable for steel sheet or other metals.

#### FEATURES:

- Alloy tool steel cutter blades and centre pilot drill bit.
- Graduated in metric and inch sizes.
- Cutting capacity:  
30 to 120mm (1-3/16" to 4-3/4");  
30 to 200mm (1-3/16" to 8");  
30 to 300mm (1-3/16" to 12").
- Maximum thickness: 30mm.



10260302C

#### APPLICATIONS:

- For cutting wood, plywood, acrylic, laminates, composites, aluminium sheet, fiber cement board, plasterboard, hardboard, plastic, rubber, etc.
- To adjust the size locate the inner edges of the blade holders against the size graduation.
- Not suitable for steel or other metals.

#### FEATURES:

- Carbide tipped cutter blades and centre pilot drill bit.
- Graduated in metric and inch sizes.
- Cutting capacity: 30 to 200mm (1" to 8").



10260303C

#### APPLICATIONS:

- For cutting ceramic tile, laminates, composite boards, plastic and other abrasive materials.
- To adjust the size locate the inner edges of the blade holders against the size graduation.
- Not suitable for steel or other metals.

#### FEATURES:

- Carbide tipped cutter blades and centre pilot drill bit.
- Graduated in metric and inch sizes.
- Cutting capacity: 30 to 300mm (1" to 12")

**1026/1126 / ADJUSTABLE CIRCLE HOLE CUTTERS**



**Item No.102601**

**18PCS ADJUSTABLE CIRCLE HOLE CUTTERS SET in plastic case**

- 1) Carbide tipped adjustable circle hole cutters: 40-200mm (1-9/16" - 7-7/8");
- 5) Brad point wood drill bits:4-5-6-8-10mm;
- 5) TCT masonry drill bits:4-5-6-8-10mm;
- 2) Replacement steel blades;
- 1) 4mm hex key;
- 1) 3 meter tape measure;
- 1) 8mm Replacement steel pilot drill bit;
- 1) Carpenter pencil;
- 1) 300mm protection cowl with 16.5mm bearing.



**Item No.102602**

**18PCS ADJUSTABLE CIRCLE HOLE CUTTERS SET in plastic case**

- 1) Carbide tipped adjustable circle hole cutters: 40-300mm (1-9/16" - 11-13/16");
- 5) Brad point wood drill bits:4-5-6-8-10mm;
- 5) TCT masonry drill bits:4-5-6-8-10mm;
- 2) Replacement steel blades;
- 1) 8mm Replacement steel pilot drill bit;
- 1) 4mm hex key;
- 1) Carpenter pencil;
- 1) 3 meter tape measure;
- 1) 360mm protection cowl with 16.5mm bearing



**Item No.112601**

**12PCS WOODWORKING DRYWALL HOLE SAW SET in plastic case**

- 3) Carbide tipped hole saws: 75,95,150mm (2-15/16", 3-3/4", 5-15/16");
- 2) HSS Tin-coated twist drill bits:6mm(1/4");
- 1) 3/8" hex shank arbor with 5/8"-18 UNF and HSS pilot bit for 32-203mm (1-1/4"-8") hole saws;
- 1) SDS-plus shank arbor with 5/8"-18 UNF and HSS pilot bit for 32-203mm (1-1/4"-8") hole saws;
- 2) 3mm,4mm Hex Key Wrench;
- 1) SDS-plus shank long arbor;
- 1) 10mm 3-flat shank long arbor;
- 1) Protection cowl with 16.5mm bearing.
- 1) Protection cowl with 16.5mm bearing.

## 1019 / MULTI-BLADES HOLE SAWS



### APPLICATIONS:

- For drilling quickly and neatly holes in wood, plaster board, construction panels and plastics.

### FEATURES:

- Tungsten carbon steel saw blades.
- Special hardened saw teeth.
- Complete with metal locating plate, pilot drill bit.



INDIVIDUAL PACKAGE DISPLAY  
PACKED IN CLAMSHELL

ITEM NO.	NO.OF BLADE	QUICK CHANGE SAW BLADES (MM)	CUTTING DEPTH (MM)	SHANK (MM)
101904C	3pcs	Φ40, 54, 65mm	18 mm	8mm hex
101905C	3pcs	Φ60, 68, 74 mm	33mm	8mm hex
101906C	3pcs	Φ40, 54, 65 mm	40mm	8mm hex
101907C	4pcs	Φ25, 35, 43, 53 mm	33mm	8mm hex
101908C	5pcs	Φ68, 74, 80, 90, 100 mm	33mm	8mm hex
101903C	5pcs	Φ60, 68, 74, 80, 95 mm	33mm	8mm hex
101909C	5pcs	Φ60, 68, 74, 80, 95 mm	40mm	8mm hex
101910C	5pcs	Φ28, 35, 50, 68, 74 mm	40mm	8mm hex
101911C	6pcs	Φ25, 32, 40, 45, 54, 65 mm	23mm	8mm hex
101912C	7pcs	Φ25, 32, 38, 45, 50, 56, 62 mm	18mm	8mm hex
101901C	7pcs	Φ25, 32, 38, 45, 50, 56, 62 mm	23mm	8mm hex
101913C	7pcs	Φ25, 32, 38, 45, 50, 56, 62 mm	33mm	8mm hex
101902C	7pcs	Φ25, 32, 38, 45, 50, 56, 62 mm	50mm	8mm hex
101914C	1pcs	Φ65 mm	33mm	8mm hex
101915C	1pcs	Φ68 mm	23mm	8mm hex
101916C	1pcs	Φ68 mm	33mm	8mm hex



**Item No.101904C**  
**7PCS TUNGSTEN HOLE SAWS**  
packed in clamshell  
Contains:  
27, 33, 38, 45, 51, 57, 64mm  
with 20mm cutting length



**Item No.101905C**  
**7PCS TUNGSTEN HOLE SAWS**  
packed in clamshell  
Contains:  
27, 33, 38, 45, 51, 57, 64mm  
with 44mm cutting length



**Item No.101906C**  
**7PCS TUNGSTEN HOLE SAWS**  
packed in clamshell  
Contains:  
25, 32, 38, 44, 51, 57, 68mm  
with 28mm cutting length



**Item No.101908C**  
**5PCS TUNGSTEN HOLE SAWS**  
packed in clamshell  
Contains:  
59, 66, 74, 81, 93mm  
with 34mm cutting length



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