



**SANDERS
SAWS &
BLADES**

Professional Diamond Tool Catalog 2011

Diamonds working for you

MQ
MULTIQUIP®



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Moving Forward With You



Welcome to Sanders Saws: the most trusted name in professional concrete cutting technology.

For more than half a century, we've been instrumental in shaping North America's roadways, runways, bridges and much more, ensuring the safest and securest construction no matter how challenging the job. We offer a complete line of diamond blades and core bits ideally suited for circular, high-speed cut off, tile and masonry, and walk-behind saws — all crafted using only the finest diamonds and components from around the globe. And we're just getting started.

Founded in 1953, Sanders Saws was among the first to develop the hotpressed process used exclusively in the creation of high performance diamond blades. In 1983, Bob Priest, a concrete cutting veteran with decades of expertise in the industry, purchased the firm and together with a seasoned sales, product development and management team has established Sanders Saws as the innovator in concrete cutting equipment.

Headquartered in Honey Brook, Pennsylvania, we utilize state-of-the-art manufacturing plants both here and in Boise, Idaho that combine the most sophisticated production equipment with expert research and development to create blades, bits and saws you can count on for the long haul. We're continually striving for further improvements and to help us achieve those goals, we've invested heavily in automated blade production machinery in recent years to upgrade manufacturing productivity and product quality, versatility and durability.

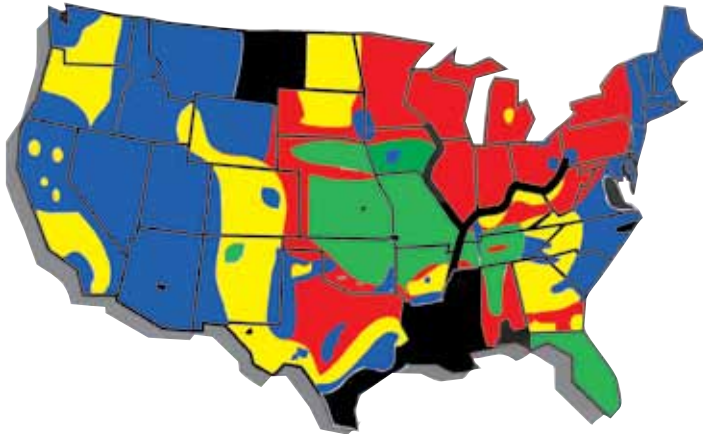
As dedicated to excellence as Sanders Saws is, our success wouldn't be possible without the input of our valued customers. Throughout Sanders Saws' distinguished history in concrete cutting, our customers continue to play an integral role in the production process. Our blades, bits and saws are designed and produced based on the feedback of users from across North America and what they need most to get the job done right.

In response to the growing needs of Sanders Saws' customers, we've added numerous new products and expanded our manufacturing capability and expertise. In 2001, Sanders Saws joined Multiquip Inc. — one of the world's leading light- and medium-sized construction equipment suppliers. Operating now as a division of Multiquip, we've tapped into additional resources, equipment expertise and distribution efficiencies to supply more products to more markets but all while maintaining the small town familiarity that our customers have come to expect.

Indeed the history of Sanders Saws is riddled with success stories, superior equipment developments, product innovators and a continuing commitment to supply the best concrete cutting equipment in North America. The future is filled with enterprising possibilities and we trust you, our valued customers, will be happy to come along for the ride.



Aggregate Map of the United States



Mohs Hardness*

Aggregate Used in Concrete Mix

- 8** Very Hard Aggregate (Flint, Chert)
- 7** Hard Aggregate (Quarts, Hard Gravels)
- 6** Medium Hard Aggregate (Medium Gravels, Granites)
- 5** Medium/Soft Aggregate (Soft Granite, Dolomite)
- 4, 3** Soft, Abrasive Aggregate Limestone



Blade Specifications Breakdown

CC 35 11

CODE	Application
CC	CURED CONCRETE
BD	BRIDGE DECK
KB	CURB SAWS
JC	JOINT CLEANING
NW	JOINT CLEANING (NEW WAVE)
BV	BEVEL BLADES
GC	GREEN CONCRETE
JW	JOINT WIDENING
AS	ASPHALT
AC	ASPHALT OVERLAY
WT	WALL SAW — TWIN SEGMENTS
WP	WALL SAW-SPLIT SEG.
WS	WALL SAW-SANDWICH
CV	FIBER OPTIC TRENCH
CB	CORE BITS
RS	1-PC. "T" JOINT
SI	3-PC. "T" JOINT
SS	3-PC. "T" SHALLOW JOINT
PG	PLUNGE SAW (RECESSED MARKERS)
GR	GRINDER HEADS
GV	GROOVER HEADS

Bond	Typically Used On
10 - 29	Wall Saws, Curb Saws
30 - 39	Cured, Very Hard Aggregate
40 - 49	Cured, Hard Aggregate
50 - 59	Cured, Medium Aggregate
60 - 69	Cured, Soft Aggregate
70 - 79	Green Concrete
80 - 89	Asphalt

Series	Code	Relative Diamond Content
11,000	11	
10,000	10	
9,000	09	
8,000	08	
7,000	07	
6,000	06	
5,000	05	



*Mohs Hardness is a "Scratch" Test, commonly used in Geology, to evaluate the hardness of rocks and minerals relative to the hardness of diamond. (Diamond hardness is assigned the value of "10".)

Specification Selection

	CC35	Critically Hard Aggregate
	CC45	Hard Aggregate
	CC55	Medium Aggregate
	CC60	Medium/Soft Aggregate
	CC65	Soft, Abrasive Aggregate

Series Relative Diamond Content



WET CUT

Standard Blade Sizes

in. Diam. x in. Width	mm. Diam. x mm. Width
14 x 0.125	356 x 3.2
14 x 0.140	356 x 3.6
14 x 0.155	356 x 3.9
14 x 0.165	356 x 4.2
14 x 0.187	356 x 4.7
14 x 0.220	356 x 5.6
14 x 0.250	356 x 6.4
14 x 0.375	356 x 9.5
16 x 0.125	406 x 3.2
16 x 0.140	406 x 3.6
16 x 0.155	406 x 3.9
16 x 0.165	406 x 4.2
16 x 0.187	406 x 4.7
16 x 0.220	406 x 5.6
16 x 0.250	406 x 6.4
18 x 0.125	457 x 3.2
18 x 0.140	457 x 3.6
18 x 0.155	457 x 3.9
18 x 0.165	457 x 4.2
18 x 0.187	457 x 4.7
18 x 0.220	457 x 5.6
18 x 0.250	457 x 6.4
20 x 0.125	508 x 3.2
20 x 0.140	508 x 3.6
20 x 0.155	508 x 3.9
20 x 0.165	508 x 4.2
20 x 0.187	508 x 4.7
20 x 0.220	508 x 5.6
20 x 0.250	508 x 6.4
.450" and .500"	11.4 and 12.7mm

Segment Height

in. Diam. x in. Width	mm. Diam. x mm. Width
24 x 0.155	610 x 3.9
24 x 0.165	610 x 4.2
24 x 0.187	610 x 4.7
24 x 0.220	610 x 5.6
24 x 0.250	610 x 6.4
26 x 0.155	660 x 3.9
26 x 0.165	660 x 4.2
26 x 0.187	660 x 4.7
26 x 0.220	660 x 5.6
26 x 0.250	660 x 6.4
30 x 0.165	762 x 4.2
30 x 0.187	762 x 4.7
30 x 0.220	762 x 5.6
30 x 0.250	762 x 6.4
32 x 0.187	813 x 4.7
32 x 0.250	813 x 6.4
36 x 0.165	914 x 4.2
36 x 0.187	914 x 4.7
36 x 0.220	914 x 5.6
36 x 0.250	914 x 6.4
40 x 0.187	1016 x 4.7
40 x 0.220	1016 x 5.6
40 x 0.250	1016 x 6.4
42 x 0.187	1067 x 4.7
42 x 0.220	1067 x 5.6
42 x 0.250	1067 x 6.4
48 x 0.187	1219 x 4.7
48 x 0.220	1219 x 5.6
48 x 0.250	1219 x 6.4
.450" and .500"	11.4 and 12.7mm

Segment Height



Custom specifications and sizes available on request.

Undercut protection available at no additional charge.

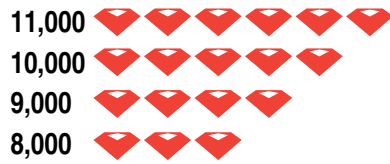
11,000 Series		10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Best general use series; versatility		Fast cutting; excellent blade life		Fast cutting; good value	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 35-82		Rec. HP: 35-82		Rec. HP: 35-82	
	CC3511*		CC3510		CC3509		CC3508		CC3507
	CC4511		CC4510		CC4509		CC4508*		CC4507
	CC5511		CC5510		CC5509*		CC5508		CC5507
	CC6011		CC6010		CC6009*		CC6008		CC6007
	CC6511		CC6510		CC6509*		CC6508		CC6507

* Recommended specification and series based on our experience in these aggregates.

Specification Selection

	BD35	Critically Hard Aggregate
	BD45	Hard Aggregate
	BD55	Medium Aggregate
	BD60	Medium/Soft Aggregate
	BD65	Soft, Abrasive Aggregate

Series Relative Diamond Content



Standard Blade Sizes

in. Diam. x in. Width	mm Diam. x mm. Width	in. Diam. x in. Width	mm Diam. x mm. Width
14 x 0.125	356 x 3.2	24 x 0.155	610 x 3.9
14 x 0.140	356 x 3.6	24 x 0.165	610 x 4.2
14 x 0.155	356 x 3.9	24 x 0.187	610 x 4.7
14 x 0.165	356 x 4.2	24 x 0.220	610 x 5.6
14 x 0.187	356 x 4.7	24 x 0.250	610 x 6.4
14 x 0.220	356 x 5.6	26 x 0.155	660 x 3.9
14 x 0.250	356 x 6.4	26 x 0.165	660 x 4.2
14 x 0.375	356 x 9.5	26 x 0.187	660 x 4.7
16 x 0.125	406 x 3.2	26 x 0.220	660 x 5.6
16 x 0.140	406 x 3.6	26 x 0.250	660 x 6.4
16 x 0.155	406 x 3.9	30 x 0.165	762 x 4.2
16 x 0.165	406 x 4.2	30 x 0.187	762 x 4.7
16 x 0.187	406 x 4.7	30 x 0.220	762 x 5.6
16 x 0.220	406 x 5.6	30 x 0.250	762 x 6.4
16 x 0.250	406 x 6.4	32 x 0.187	813 x 4.7
18 x 0.125	457 x 3.2	32 x 0.250	813 x 6.4
18 x 0.140	457 x 3.6	36 x 0.165	914 x 4.2
18 x 0.155	457 x 3.9	36 x 0.187	914 x 4.7
18 x 0.165	457 x 4.2	36 x 0.220	914 x 5.6
18 x 0.187	457 x 4.7	36 x 0.250	914 x 6.4
18 x 0.220	457 x 5.6	40 x 0.187	1016 x 4.7
18 x 0.250	457 x 6.4	40 x 0.220	1016 x 5.6
20 x 0.125	508 x 3.2	40 x 0.250	1016 x 6.4
20 x 0.140	508 x 3.6	42 x 0.187	1067 x 4.7
20 x 0.155	508 x 3.9	42 x 0.220	1067 x 5.6
20 x 0.165	508 x 4.2	42 x 0.250	1067 x 6.4
20 x 0.187	508 x 4.7	48 x 0.187	1219 x 4.7
20 x 0.220	508 x 5.6	48 x 0.220	1219 x 5.6
20 x 0.250	508 x 6.4	48 x 0.250	1219 x 6.4
.450" and .500"	11.4 and 12.7mm	.450" and .500"	11.4 and 12.7mm
Segment Height		Segment Height	



Undercut protection NOT RECOMMENDED

Custom specifications and sizes available on request.

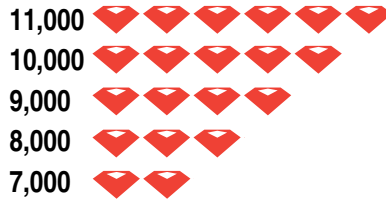
11,000 Series		10,000 Series		9,000 Series		8,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Best general use series; versatility		Fast cutting; excellent blade life	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 35-82		Rec. HP: 35-82	
	BD3511*		BD3510		BD3509		BD3508
	BD4511		BD4510		BD4509*		BD4508*
	BD5511		BD5510		BD5509		BD5508
	BD6011		BD6010		BD6009		BD6008
	BD6511		BD6510		BD6509		BD6508

* Recommended specification and series based on our experience in these aggregates.

Specification Selection

	AC35	Critically Hard Aggregate
	AC45	Hard Aggregate
	AC55	Medium Aggregate
	AC60	Medium/Soft Aggregate
	AC65	Soft, Abrasive Aggregate

Series Relative Diamond Content



Standard Blade Sizes

in. Diam. x in. Width	mm. Diam. x mm. Width	in. Diam. x in. Width	mm. Diam. x mm. Width
14 x 0.125	356 x 3.2	24 x 0.155	610 x 3.9
14 x 0.140	356 x 3.6	24 x 0.165	610 x 4.2
14 x 0.155	356 x 3.9	24 x 0.187	610 x 4.7
14 x 0.165	356 x 4.2	24 x 0.220	610 x 5.6
14 x 0.187	356 x 4.7	24 x 0.250	610 x 6.4
14 x 0.220	356 x 5.6	26 x 0.155	660 x 3.9
14 x 0.250	356 x 6.4	26 x 0.165	660 x 4.2
14 x 0.375	356 x 9.5	26 x 0.187	660 x 4.7
16 x 0.125	406 x 3.2	26 x 0.220	660 x 5.6
16 x 0.140	406 x 3.6	26 x 0.250	660 x 6.4
16 x 0.155	406 x 3.9	30 x 0.165	762 x 4.2
16 x 0.165	406 x 4.2	30 x 0.187	762 x 4.7
16 x 0.187	406 x 4.7	30 x 0.220	762 x 5.6
16 x 0.220	406 x 5.6	30 x 0.250	762 x 6.4
16 x 0.250	406 x 6.4	32 x 0.187	813 x 4.7
18 x 0.125	457 x 3.2	32 x 0.250	813 x 6.4
18 x 0.140	457 x 3.6	36 x 0.165	914 x 4.2
18 x 0.155	457 x 3.9	36 x 0.187	914 x 4.7
18 x 0.165	457 x 4.2	36 x 0.220	914 x 5.6
18 x 0.187	457 x 4.7	36 x 0.250	914 x 6.4
18 x 0.220	457 x 5.6	40 x 0.187	1016 x 4.7
18 x 0.250	457 x 6.4	40 x 0.220	1016 x 5.6
20 x 0.125	508 x 3.2	40 x 0.250	1016 x 6.4
20 x 0.140	508 x 3.6	42 x 0.187	1067 x 4.7
20 x 0.155	508 x 3.9	42 x 0.220	1067 x 5.6
20 x 0.165	508 x 4.2	42 x 0.250	1067 x 6.4
20 x 0.187	508 x 4.7	48 x 0.187	1219 x 4.7
20 x 0.220	508 x 5.6	48 x 0.220	1219 x 5.6
20 x 0.250	508 x 6.4	48 x 0.250	1219 x 6.4
.450" and .500"	11.4 and 12.7mm	.450" and .500"	11.4 and 12.7mm
Segment Height		Segment Height	



Super Slurc undercut protection included



Custom specifications and sizes available on request.

11,000 Series		10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Best general use series; versatility		Fast cutting; excellent blade life		Fast cutting; good value	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 35-82		Rec. HP: 35-82		Rec. HP: 35-82	
	AC3511*		AC3510		AC3509		AC3508		AC3507
	AC4511		AC4510		AC4509		AC4508*		AC4507
	AC5511		AC5510		AC5509*		AC5508		AC5507
	AC6011		AC6010		AC6009*		AC6008		AC6007
	AC6511		AC6510		AC6509*		AC6508		AC6507

* Recommended specification and series based on our experience in these aggregates.

Specification Selection

	AS80	Critically Hard Aggregate
	AS82	Hard Aggregate
	AS85	Medium Aggregate
	AS87	Medium/Soft Aggregate
	AS89	Soft, Abrasive Aggregate

Series Relative Diamond Content



Standard Blade Sizes

in. Diam. x in. Width	mm. Diam. mm. Width	in. Diam. x in. Width	mm. Diam. mm. Width
14 x 0.125	356 x 3.2	20 x 0.155	508 x 3.9
14 x 0.140	356 x 3.6	20 x 0.165	508 x 4.2
14 x 0.155	356 x 3.9	20 x 0.187	508 x 4.7
14 x 0.165	356 x 4.2	20 x 0.220	508 x 5.6
14 x 0.187	356 x 4.7	20 x 0.250	508 x 6.4
14 x 0.220	356 x 5.6	24 x 0.155	610 x 3.9
14 x 0.250	356 x 6.4	24 x 0.165	610 x 4.2
14 x 0.375	356 x 9.5	24 x 0.187	610 x 4.7
16 x 0.140	406 x 3.6	24 x 0.220	610 x 5.6
16 x 0.155	406 x 3.9	24 x 0.250	610 x 6.4
16 x 0.165	406 x 4.2	26 x 0.155	660 x 3.9
16 x 0.187	406 x 4.7	26 x 0.165	660 x 4.2
16 x 0.220	406 x 5.6	26 x 0.187	660 x 4.7
16 x 0.250	406 x 6.4	26 x 0.220	660 x 5.6
18 x 0.140	457 x 3.6	26 x 0.250	660 x 6.4
18 x 0.155	457 x 3.9	30 x 0.187	762 x 4.7
18 x 0.165	457 x 4.2	30 x 0.220	762 x 5.6
18 x 0.187	457 x 4.7	30 x 0.250	762 x 6.4
18 x 0.220	457 x 5.6	36 x 0.187	914 x 4.7
18 x 0.250	457 x 6.4	36 x 0.220	914 x 5.6
20 x 0.140	508 x 3.6	36 x 0.250	914 x 6.4
.350" and .400"	9 and 10mm	.350" and .400"	9 and 10mm
Segment Height		Segment Height	



Slurc undercut protection included

Custom specifications and sizes available on request.

9,000 Series		8,000 Series		7,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Fast cutting; excellent blade life	
Rec. HP: 35-82		Rec. HP: 35-82		Rec. HP: 35-82	
	AS8009*		AS8008		AS8007
	AS8209		AS8208*		AS8207
	AS8509		AS8508*		AS8507
	AS8709		AS8708		AS8707*
	AS8909		AS8908		AS8907*

* Recommended specification and series based on our experience in these aggregates.

Specification Selection

	GC70	Critically Hard Aggregate
	GC72	Hard Aggregate
	GC75	Medium Aggregate
	GC77	Medium/Soft Aggregate
	GC79	Soft, Abrasive Aggregate

Series Relative Diamond Content



WET CUT

Standard Blade Sizes

in. Diam. x in. Width	mm. Diam. x mm. Width
14 x 0.125	356 x 3.2
14 x 0.140	356 x 3.6
14 x 0.155	356 x 3.9
14 x 0.165	356 x 4.2
14 x 0.187	356 x 4.7
14 x 0.220	356 x 5.6
14 x 0.250	356 x 6.4
14 x 0.375	356 x 9.5
16 x 0.125	406 x 3.2
16 x 0.140	406 x 3.6
16 x 0.155	406 x 3.9
16 x 0.165	406 x 4.2
16 x 0.187	406 x 4.7
16 x 0.220	406 x 5.6
16 x 0.250	406 x 6.4
18 x 0.125	457 x 3.2
18 x 0.140	457 x 3.6
18 x 0.155	457 x 3.9
18 x 0.165	457 x 4.2
18 x 0.187	457 x 4.7
18 x 0.220	457 x 5.6
18 x 0.250	457 x 6.4
20 x 0.125	508 x 3.2
20 x 0.140	508 x 3.6
20 x 0.155	508 x 3.9
20 x 0.165	508 x 4.2
20 x 0.187	508 x 4.7
20 x 0.220	508 x 5.6
20 x 0.250	508 x 6.4
.450" and .500"	11.4 and 12.7mm

Segment Height



Super Slurc undercut protection included



Custom specifications and sizes available on request.

11,000 Series		10,000 Series		9,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Best general use series; versatility	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 35-82	
	GC7011*		GC7010		GC7009
	GC7211		GC7210*		GC7209
	GC7511*		GC7510		GC7509
	GC7711		GC7710		GC7709*
	GC7911*		GC7910		GC7909

* Recommended specification and series based on our experience in these aggregates.

Specification Selection

	JW72	Critically Hard Aggregate
	JW72	Hard Aggregate
	JW72	Medium Aggregate
	JW72	Medium/Soft Aggregate
	JW72	Soft, Abrasive Aggregate

Series Relative Diamond Content



WET CUT

Standard Blade Sizes

in. Diam. x in. Width	mm. Diam. x mm. Width
12 x 0.125	305 x 3.2
12 x 0.187	305 x 4.7
12 x 0.220	305 x 5.6
12 x 0.250	305 x 6.4
12 x 0.375	305 x 9.5
14 x 0.125	356 x 3.2
14 x 0.187	356 x 4.7
14 x 0.220	356 x 5.6
14 x 0.250	356 x 6.4
14 x 0.375	356 x 9.5
16 x 0.187	406 x 4.7
16 x 0.220	406 x 5.6
18 x 0.187	457 x 4.7
18 x 0.220	457 x 5.6
18 x 0.250	457 x 6.4
20 x 0.187	508 x 4.7
20 x 0.220	508 x 5.6
20 x 0.250	508 x 6.4
.350"	9 mm

Segment Height



Custom specifications and sizes available on request.

**Joint Widening Blades are normally sold in pairs.
Spacers are required when pairing blades (See Page 15).**

11,000 Series		10,000 Series		9,000 Series	
Highest production; highest blade life		Excellent production; excellent blade life		Best general use series; versatility	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 35-82	
	JW7011*		JW7010		JW7009
	JW7011		JW7010*		JW7009
	JW7211		JW7210*		JW7209*
	JW7511		JW7510		JW7509*
	JW7911		JW7910		JW7909

* Recommended specification and series based on our experience in these aggregates.



Joint Cleaning



Specification Selection

	JC90	General Purpose
	JC92	Extremely Abrasive

Standard Sizes

in. Dia. x in. Width	mm. Dia. x mm. Width
14 x 0.187	356 x 4.7
14 x 0.250	356 x 6.4
.350"	9 mm
Segment Height	

DRY/WET CUT



Series Relative Diamond Content
5,000

If blades are used in pairs, spacers will be required. (See Page 15)

5,000 Series	
Fast cutting; excellent blade life	
Rec. HP: 35-82	
	JC9005
	JC9205



New Wave Joint Cleaning

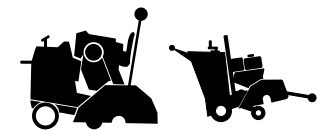
Specification Selection

	NWJC-3	Critically Hard Aggregate
	NWJC-4	Hard Aggregate
	NWJC-6	Medium Aggregate
	NWJC-8	Medium/Soft Aggregate
	NWJC-10	Soft, Abrasive Aggregate

Standard Sizes

in. Dia. x in. Width	mm. Dia. x mm. Width
14 x 0.187	356 x 4.7
14 x 0.250	356 x 6.4
.350"	9 mm
Segment Height	

WET CUT



Series Relative Diamond Content
11,000

Blades are used in pairs; spacers are required. (See Page 15)

11,000 Series	
Rec. HP: 57-82	
	NWJC-311
	NWJC-411
	NWJC-611
	NWJC-811
	NWJC-1011

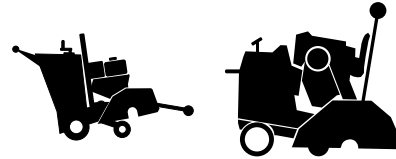


Specification Selection

BV7408	General Purpose
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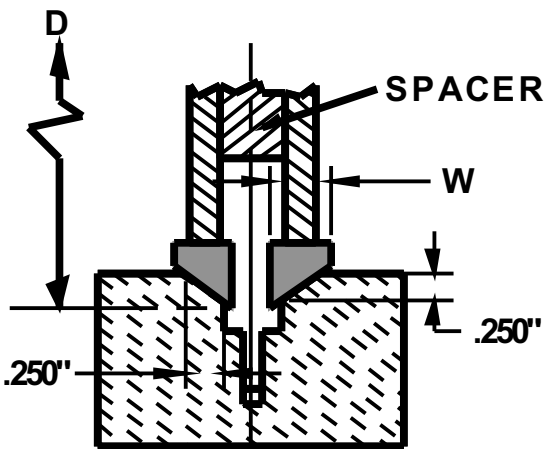
Standard Sizes

in. Dia. x in. Width	mm. Dia. x mm. Width
8 x 0.250	203 x 6.4
8 x 0.375	203 x 9.5
12 x 0.250	305 x 6.4
12 x 0.375	305 x 9.5
12 x 0.500	305 x 12.7



Custom specifications and sizes available on request.

Blades will be used in PAIRS; spacers will be required. (See Page 15)



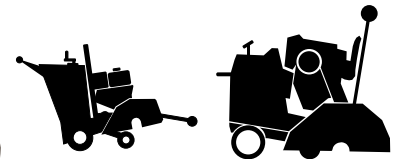
Wire Brushes

Specification Selection

JC12	Joint Cleaning Brush
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Standard Size

in. Diam. x in. Width	mm. Diam. x mm. Width
12 x 3/8	305 x 9.5





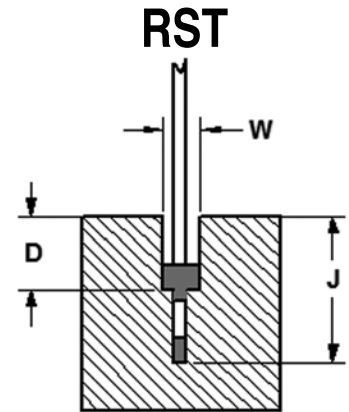
"RST" One Pass, One Piece Joint Sawing and Widening



U.S.PATENT NO 4960487, NO. 5385768

Blade Selection Chart

Reservoir					Specification/Joint Depth, J				
Width, W				Depth, D	RST-1	RST-2	RST-3	RST-4	RST-5
1/4"	3/8"	1/2"	5/8"	1/2"	2"	2 1/4"	2 3/4"	1 3/4"	3 5/16"
1/4"	3/8"	1/2"	5/8"	3/4"	2 1/4"	2 1/2"	3"	2"	3 9/16"
1/4"	3/8"	1/2"	5/8"	1"	2 1/2"	2 3/4"	3 1/4"	2 1/4"	3 13/16"
1/4"	3/8"	1/2"	5/8"	1 1/4"	2 3/4"	3"	3 1/2"	2 1/2"	4 1/16"
1/4"	3/8"	1/2"	5/8"	1 1/2"	3"	3 1/4"	3 3/4"	2 3/4"	4 5/16"
1/4"	3/8"	1/2"	5/8"	1 3/4"	3 1/4"	3 1/2"	4"	3"	4 9/16"
Core Diameter				9.250"	13.500/10.5"	12.632"	13.500"	11.750"	17.500/12"



A unique diamond blade design allows one blade and one cut to induce cracking and form the sealant reservoir all in one pass! The unique design includes the widening operation in green concrete or asphalt. The reservoir is centered on the crack control joint to minimize spalling or raveling. Dry cutting blades are available for even greater savings.

Size and Specification* Selection

- 1st..... Specify Reservoir Width, W
- 2nd..... Specify Reservoir Depth, D
- 3rd Specify Control Joint depth, J
- 4th..... Specify Material to be Cut: Green Concrete, Asphalt

*Blade specification may vary for harder or softer materials.



Green Concrete

	11,000 Series	10,000 Series	9,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	RS7211	RS7210	RS7209
	RS7311	RS7310	RS7309
	RS7511	RS7510	RS7509
	RS7711	RS7710	RS7709
	RS7911	RS7910	RS7909

Asphalt

	11,000 Series	10,000 Series	9,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	RS8211	RS8210	RD8209
	RS8311	RS8310	RS8309
	RS8511	RS8510	RS8509
	RS8711	RS8710	RS8709
	RS8911	RS8910	RS8909

WET CUT



DRY/WET CUT





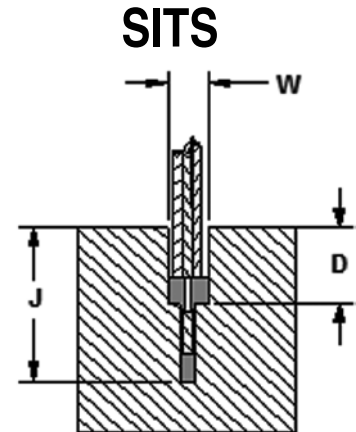
"SITS" One Pass, Three Piece Sawing and Widening



U.S. PATENT NO 5197453

Blade Selection Chart

Reservoir				Specification/Joint Depth, J				
Width, W			Depth, D	SITS-1	SITS-2	SITS-3	SITS-4	SITS-5
3/8"	1/2"	5/8"	3/8"	1 3/8"	1 5/8"	1 7/8"	2 1/8"	2 3/8"
3/8"	1/2"	5/8"	1/2"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"
3/8"	1/2"	5/8"	3/4"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
3/8"	1/2"	5/8"	1"	2"	2 1/4"	2 1/2"	2 3/4"	3"
3/8"	1/2"	5/8"	1 1/4"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"
3/8"	1/2"	5/8"	1 1/2"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"
Core Diameter			9.250"	11.250"	11.750"	12.250"	12.750"	13.250"

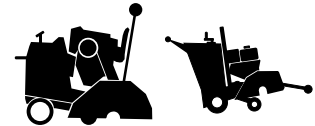


A unique diamond blade design allows one blade and one cut to induce cracking and form the sealant reservoir all in one pass! The unique design includes the widening operation. In green concrete or asphalt. The reservoir is centered on the crack control joint to minimize spalling or raveling.

Size and Specification* Selection

- 1st..... Specify Reservoir Width, W
- 2nd..... Specify Reservoir Depth, D
- 3rd Specify Control Joint depth, J
- 4th..... Specify Material to be Cut: Green Concrete, Asphalt

*Blade specification may vary for harder or softer materials.



Green Concrete



	11,000 Series	10,000 Series	9,000 Series	8,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	SI7211	SI7210	SI7209	SI7208
	SI7311	SI7310	SI7309	SI7308
	SI7511	SI7510	SI7509	SI7508
	SI7711	SI7710	SI7709	SI7708
	SI7911	SI7910	SI7909	SI7908

Series Relative Diamond Content



Asphalt



	11,000 Series	10,000 Series	9,000 Series	8,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	SI8211	SI8210	SI8209	SI8208
	SI8311	SI8310	SI8309	SI8308
	SI8511	SI8510	SI8509	SI8508
	SI8711	SI8710	SI8709	SI8708
	SI8911	SI8910	SI8909	SI8908



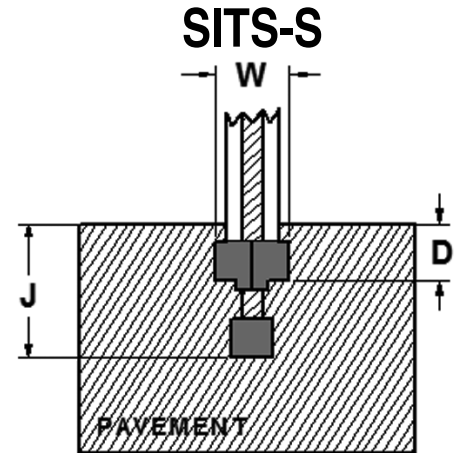


“SITS-S” Shallow Joint Three-Piece Sawing System



U.S.PATENT NO 5197453

Reservoir		Joint
Width, W	Depth, D	Depth, J
1/2"	5/8"	3/8"
1/2"	5/8"	5/8"
1/2"	5/8"	7/8"
1/2"	5/8"	1-1/8"
1/2"	5/8"	1-3/8"
1/2"	5/8"	1-5/8"
1/2"	5/8"	1-7/8"
1/2"	5/8"	2-1/8"
Core Diameter	10.950"	11.750"



“SITS-S” - SHALLOW JOINT SAWING SYSTEM

It's more efficient to saw joints and sealant reservoirs in one pass, using the patented Sanders SITS-S system step cut blades. This unique design includes the widening operation in a single pass in green concrete and in asphalt. The reservoir is centered over the control joint cut without spalling or raveling. Dry cutting blades are available for asphalt applications.

Size and Specification* Selection

- 1st..... Specify Reservoir Width, W
- 2nd..... Specify Reservoir Depth, D
- 3rd Specify Control Joint depth, J
- 4th..... Specify Material to be Cut: Green Concrete, Asphalt

*Blade specification may vary for harder or softer materials.

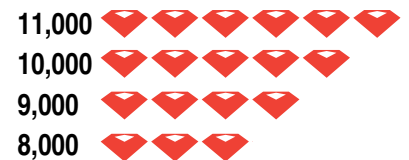


Green Concrete



	11,000 Series	10,000 Series	9,000 Series	8,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	SS7211	SS7210	SS7209	SS7208
	SS7311	SS7310	SS7309	SS7308
	SS7511	SS7510	SS7509	SS7508
	SS7711	SS7710	SS7709	SS7708
	SS7911	SS7910	SS7909	SS7908

Series Relative Diamond Content



Asphalt



	11,000 Series	10,000 Series	9,000 Series	8,000 Series
	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82	Rec. HP: 57-82
	SS8211	SS8210	SS8209	SS8208
	SS8311	SS8310	SS8309	SS8308
	SS8511	SS8510	SS8509	SS8508
	SS8711	SS8710	SS8709	SS8708
	SS8911	SS8910	SS8909	SS8908



Specification Selection

Twin Segments		
	WT10	Hard Materials
	WT13	Medium Hard Materials
	WT15	Soft Materials
Split Segments		
	WP10	Hard Materials
	WP13	Medium Hard Materials
	WP15	Soft Materials
Sandwich Segments		
	WS10	Hard Materials
	WS13	Medium Hard Materials
	WS15	Soft Materials



**WET
CUT**

Standard Sizes

in. Diam. x in. Width	mm. Diam. x mm. Width	in. Diam. x in. Width	mm. Diam. x mm. Width	in. Diam. x in. Width	mm. Diam. x mm. Width
20 x 0.125	508 x 3.2	26 x 0.220	660 x 5.6	40 x 0.250	1016 x 6.4
20 x 0.140	508 x 3.6	26 x 0.250	660 x 6.4	42 x 0.187	1067 x 4.7
20 x 0.187	508 x 4.7	30 x 0.187	762 x 4.7	42 x 0.220	1067 x 5.6
20 x 0.220	508 x 5.6	30 x 0.220	762 x 5.6	42 x 0.250	1067 x 6.4
20 x 0.250	508 x 6.4	30 x 0.250	762 x 6.4	48 x 0.187	1219 x 4.7
21 x 0.125	533 x 3.2	32 x 0.187	813 x 4.7	48 x 0.220	1219 x 5.6
21 x 0.140	533 x 3.6	32 x 0.250	813 x 6.4	54 x 0.220	1372 x 5.6
24 x 0.140	610 x 3.6	36 x 0.187	914 x 4.7	54 x 0.250	1372 x 6.4
24 x 0.187	610 x 4.7	36 x 0.220	914 x 5.6	60 x 0.220	1524 x 5.6
24 x 0.220	610 x 5.6	36 x 0.250	914 x 6.4	60 x 0.250	1524 x 6.4
24 x 0.250	610 x 6.4	40 x 0.187	1016 x 4.7		
26 x 0.187	660 x 4.7	40 x 0.220	1016 x 5.6		

Custom specifications and sizes available on request.



Twin Segments — Seg. Ht. .450"		Split Segments — Seg. Ht. .350" and .400"		Sandwich Segments — Seg. Ht. .450"	
Excellent Control; fastest cutting		Fast cutting; excellent blade life		Best line tracking; excellent blade life	
Hydraulic or High Cycle		Hydraulic or High Cycle		Hydraulic or High Cycle	
	WT1005*		WP1005*		WS1005*
	WT1305*		WP1305*		WS1305*
	WT1505*		WP1505*		WS1505*

* Recommended specification and series based on our experience in these aggregates.



Chevron Fiber Optic Series



Specification Selection

	CV67	Cured Concrete
	CV70	Asphalt



Blade Sizes

18 x .500 1"
20 x .500 1"
24 x .500 1"

Specially engineered for sawing wide slots in pavements to support telecom utility fiber optics and similar in-ground cabling.

	9,000 Series
	Rec. HP: 57-82
	CV6709
	CV7009



Spacers

Model	Size	Arbor
SPACER60351	6" x .035"	1"
SPACER60451	6" x .045"	1"
SPACER60551	6" x .055"	1"
SPACER60651	6" x .065"	1"
SPACER60751	6" x .075"	1"
SPACER61251	6" x .125"	1"

Model	Size	Arbor
SPACER62501	6" x .255"	1"
SPACER80501	8" x .050"	1"
SPACER80751	8" x .075"	1"
SPACER81001	8" x .100"	1"
SPACER81251	8" x .125"	1"

Other sizes available upon request. Spacers required when pairing blades.



Professional Series Core Bits



Specification Selection

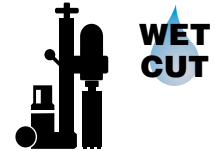
	CB35	Critically Hard Aggregate
	CB45	Hard Aggregate
	CB55	Medium Aggregate
	CB60	Medium/Soft Aggregate
	CB65	Soft, Abrasive Aggregate

Series Relative Diamond Content

7,000

6,000

5,000



Standard Spacing

Diameter		No. of Segments
in.	mm	
2	51	5
2 1/4	57	6
2 1/2	64	6
3	76	8
3 1/2	89	9
4	102	10
4 1/4	108	11
4 1/2	114	12
5	127	13
5 1/2	140	14
6	152	15
6 1/4	159	16
7	178	17
8	203	18
9	229	20
10	254	22
11	279	24
12	305	26
13	330	28
14	356	30
15	381	33
16	406	35
18	457	41
Segment Height: .375"		

Wide Spacing

Diameter		No. of Segments
in.	mm	
2	51	4
2 1/4	57	5
2 1/2	64	5
3	76	6
3 1/2	89	7
4	102	8
4 1/4	108	9
4 1/2	114	9
5	127	10
5 1/2	140	11
6	152	12
6 1/4	159	13
7	178	13
8	203	15
9	229	17
10	254	19
11	279	21
12	305	23
13	330	25
14	356	26
15	381	28
16	406	30
18	457	34
Segment Height: .375"		

See Page A-1 for recommended operating speeds.

Distribution Accessories

Model	Item
ADM1858	BIT Adapter 18mm Female To 5/8"-11 Male
ADM181147	BIT Adapter M18 Female To 1 1/4"-7 Male
AD114758	BIT Adapter 1 1/4"-7 Female To 5/8"-11 Male
AD581147	BIT Adapter 5/8"-11 Female To 1 1/4"-7 Male
EXT65811	BIT Extension 6" x 5/8"-11 Female/Male
EXT61147	BIT Extension 6" x 1 1/4"-7 Female/Male
EXT12M18	BIT Extension 12" x M18 Female/Male
EXT125811	BIT Extension 12" x 5/8"-11 Female/Male
EXT121147	BIT Extension 12" x 1 1/4"-7 Female/Male

Custom specifications and sizes available on request.

7,000 Series		6,000 Series		5,000 Series	
Highest production; highest blade life		Excellent production; Excellent blade life		Best general use series; versatility	
High-Cycle, Hydraulic, 110 Volt					
	CB3507		CB3506		CB3505
	CB4507		CB4506		CB4505
	CB5507		CB5506		CB5505
	CB6007		CB6006		CB6005
	CB6507		CB6506		CB6505



PRB Premium Series

Excellent quality, performance and operational life. Designed for medium to heavy steel reinforcement applications and general purpose drilling of:

- **Cured concrete** — medium hard to hard
- **Masonry** — medium hard to hard
- **Natural Stone** — medium hard to hard

Alternating TURBO slant segment design provides lightning fast bit entry and drilling performance.

Premium



Model	Diameter	Thread
1PRB	3/4"	5/8" -11
114PRB	1"	5/8" -11
112PRB	1 1/4"	5/8" -11
2PRB	1 1/2"	1/4" - 7
212PRB	2"	1/4" - 7
3PRB	3"	1/4" - 7
312PRB	3 1/2"	1/4" - 7
4PRB	4"	1/4" - 7
412PRB	4 1/2"	1/4" - 7
5PRB	5"	1/4" - 7
6PRB	6"	1/4" - 7
612PRB	6 1/2"	1/4" - 7
7PRB	7"	1/4" - 7
8PRB	8"	1/4" - 7
9PRB	9"	1/4" - 7
10PRB	10"	1/4" - 7
12PRB	12"	1/4" - 7
14PRB	14"	1/4" - 7



PCB and PCBA Supreme Series

Outstanding quality, performance and operational life. Designed for heavy steel reinforcement applications and general purpose drilling of:

PCB Series

- **Cured concrete** — medium hard to hard
- **Masonry** — medium hard to hard
- **Natural Stone** — medium hard to hard

PCBA Series

- **Cured concrete** — soft/abrasive
- **Masonry** — soft/abrasive
- **Asphalt**

Supreme



Model	Dia.	Thread
05PCB	1/2"	5/8" -11
05PCBA	1/2"	5/8" -11
58PCB	5/8"	5/8" -11
58PCBA	5/8"	5/8" -11
34PCB	3/4"	5/8" -11
34PCBA	3/4"	5/8" -11
78PCB	7/8"	5/8" -11
78PCBA	7/8"	5/8" -11
1PCB	1"	5/8" -11
1PCBA	1"	5/8" -11
114PCB	1 1/4"	5/8" -11
114PCBA	1 1/4"	5/8" -11
112PCB	1 1/2"	5/8" -11
112PCBA	1 1/2"	5/8" -11
134PCB	1 3/4"	1/4" - 7
134PCBA	1 3/4"	1/4" - 7
2PCB	2"	1/4" - 7
2PCBA	2"	1/4" - 7
214PCB	2 1/4"	1/4" - 7
214PCBA	2 1/4"	1/4" - 7
212PCB	2 1/2"	1/4" - 7
212PCBA	2 1/2"	1/4" - 7
234PCB	2 3/4"	1/4" - 7
234PCBA	2 3/4"	1/4" - 7
3PCB	3"	1/4" - 7
3PCBA	3"	1/4" - 7
314PCB	3 1/4"	1/4" - 7
314PCBA	3 1/4"	1/4" - 7
312PCB	3 1/2"	1/4" - 7

Model	Dia.	Thread
312PCBA	3 1/2"	1/4" - 7
4PCB	4"	1/4" - 7
4PCBA	4"	1/4" - 7
414PCB	4 1/4"	1/4" - 7
414PCBA	4 1/4"	1/4" - 7
412PCB	4 1/2"	1/4" - 7
412PCBA	4 1/2"	1/4" - 7
5PCB	5"	1/4" - 7
5PCBA	5"	1/4" - 7
515PCB	5 1/2"	1/4" - 7
515PCBA	5 1/2"	1/4" - 7
6PCB	6"	1/4" - 7
6PCBA	6"	1/4" - 7
614PCB	6 1/4"	1/4" - 7
614PCBA	6 1/4"	1/4" - 7
612PCB	6 1/2"	1/4" - 7
612PCBA	6 1/2"	1/4" - 7
7PCB	7"	1/4" - 7
7PCBA	7"	1/4" - 7
8PCB	8"	1/4" - 7
8PCBA	8"	1/4" - 7
9PCB	9"	1/4" - 7
9PCBA	9"	1/4" - 7
10PCB	10"	1/4" - 7
10PCBA	10"	1/4" - 7
12PCB	12"	1/4" - 7
12PCBA	12"	1/4" - 7
14PCB	14"	1/4" - 7
14PCBA	14"	1/4" - 7

PDHS 1

General Purpose

Superior quality, performance and operational life when cutting:

PDHS1

- Cured concrete — medium hard
- Masonry — medium hard

PDHS1A

- Asphalt
- Green Concrete
- Masonry — soft/abrasive

Premium Plus



Model	Size	Arbor
12PDHS1	12" x .125"	1" - 20mm
12PDHS1M	12" x .125"	20mm
12PDHS1A	12" x .125"	1" - 20mm
12PDHS1AM	12" x .125"	20mm
14PDHS1	14" x .125"	1" - 20mm
14PDHS1M	14" x .125"	20mm
14PDHS1A	14" x .125"	1" - 20mm
14PDHS1AM	14" x .125"	20mm
16PDHS1	16" x .125"	1" - 20mm
16PDHS1M	16" x .125"	20mm
16PDHS1A	16" x .125"	1" - 20mm
16PDHS1AM	16" x .125"	10mm
18PDHS1	18" x .125"	1" - 20mm
18PDHS1A	18" x .125"	1" - 20mm



PDHS 2

General Purpose

Outstanding quality, performance and operational life when cutting:

PDHS2

- Cured concrete — hard
- Masonry — hard

PDHS2A

- Asphalt
- Green Concrete
- Masonry — soft/abrasive

Supreme



Model	Size	Arbor
12PDHS2	12" x .125"	1" - 20mm
12PDHS2M	12" x .125"	20mm
12PDHS2A	12" x .125"	1" - 20mm
12PDHS2AM	12" x .125"	20mm
14PDHS2	14" x .125"	1" - 20mm
14PDHS2M	14" x .125"	20mm
14PDHS2A	14" x .125"	1" - 20mm
14PDHS2AM	14" x .125"	20mm
16PDHS2	16" x .125"	1" - 20mm
16PDHS2M	16" x .125"	20mm
16PDHS2A	16" x .125"	1" - 20mm
16PDHS2AM	16" x .125"	20mm
18PDHS2	18" x .140"	1"
18PDHS2A	18" x .140"	1"
20PDHS2	20" x .140"	1"
20PDHS2A	20" x .140"	1"



For Walk-Behind Saws up to 20HP

OSAKA



Type	Hardness/Application	Bead Diameter mm (in.)	Bead Length mm (in.)	Beads/Ft.
SPM	Average to Hard Concrete with up to normal steel reinforcement	10.5 (.410)	7 (.275)	13
SPW	Hard Concrete with high rebar concentrations; longer life	10.5 (.410)	5 (.210)	13
SPF	Cast Iron or Concrete with abnormal or extreme steel content	10.5 (.410)	5 (.210)	13

All types are manufactured with an internal spring



Steel Crimping Sleeves
DSM10ASCS

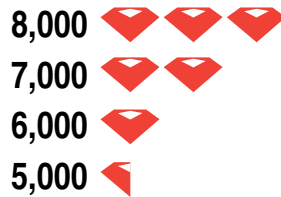


Braxx Quick Connect
6BWC9

Specification Selection

	KB10	Very Hard Aggregate
	KB13	Hard Aggregate
	KB15	Medium Aggregate
	KB17	Medium/Soft Aggregate
	KB19	Soft Aggregate

Series Relative Diamond Content



WET CUT

Standard Sizes

in.	mm	in.	mm
20 x 0.187	508 x 4.7	30 x 0.187	762 x 4.7
20 x 0.220	508 x 5.6	30 x 0.220	762 x 5.6
20 x 0.250	508 x 6.4	30 x 0.250	762 x 6.4
22 x 0.187	559 x 4.7	36 x 0.187	914 x 4.7
22 x 0.220	559 x 5.6	36 x 0.220	914 x 5.6
22 x 0.250	559 x 6.4	36 x 0.250	914 x 6.4
24 x 0.187	610 x 4.7	40 x 0.187	1016 x 4.7
24 x 0.220	610 x 5.6	40 x 0.220	1016 x 5.6
24 x 0.250	610 x 6.4	40 x 0.250	1016 x 6.4
26 x 0.187	660 x 4.7	42 x 0.187	1067 x 4.7
26 x 0.220	660 x 5.6	42 x 0.220	1067 x 5.6
26 x 0.250	660 x 6.4	42 x 0.250	1067 x 6.4
29 x 0.187	737 x 4.7	48 x 0.187	1219 x 4.7
29 x 0.220	737 x 5.6	48 x 0.220	1219 x 5.6
29 x 0.250	737 x 6.4	48 x 0.250	1219 x 6.4
Segment Height: .350" (8.9mm)		Segment Height: .350" (8.9mm)	



Custom specifications and sizes available on request.

8,000 Series		7,000 Series		6,000 Series		5,000 Series	
High horsepower; excellent blade life		High production; excellent blade life		Fast cutting; Excellent blade life		Fastest cutting; excellent blade life	
Rec. HP: 35-82		Rec. HP: 35-82		Rec. HP: 35-82		Rec. HP: 35-82	
	KB1008		KB1007		KB1006		KB1005*
	KB1308		KB1307*		KB1306		KB1305
	KB1508		KB1507*		KB1506		KB1505
	KB1708		KB1707*		KB1706		KB1705
	KB1908*		KB1907		KB1906		KB1905

* Recommended specification and series based on our experience in these aggregates.

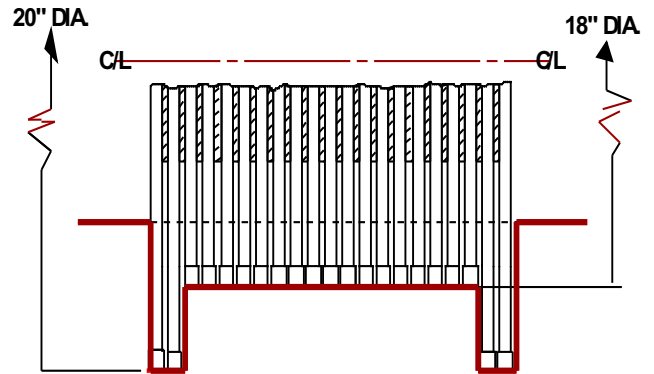


Plunge Saw Heads for Setting Reflective Markers



Specification Selection

Cured Concrete		
	PG35	Critically Hard Aggregate
	PG45	Hard Aggregate
	PG55	Medium, Non-Abrasive
	PG60	Medium, Aggregate
	PG65	Soft, Abrasive
Asphalt		
	PG80	Critically Hard Aggregate
	PG82	Hard Aggregate
	PG83	Medium, Non-Abrasive
	PG85	Medium, Aggregate
	PG87	Soft, Abrasive



Standard Sizes

in. Dia. x in. Width	mm. Dia. x mm. Width
18 x 0.187	457.2 x 4.7
18 x 0.250	457.2 x 6.4
18 x 0.375	457.2 x 9.5
20 x 0.187	508 x 4.7
20 x 0.250	508 x 6.4
20 x 0.375	508 x 9.5

Series Relative Diamond Content



Custom specifications and sizes available on request.

CURED CONCRETE					
9,000 Series		8,000 Series		7,000 Series	
High production; excellent blade life		Fast cutting; excellent blade life		Fast cutting; good blade life	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 57-82	
	PG3509*		PG3508		PG3507
	PG4509*		PG4508		PG4507
	PG5509		PG5508*		PG5507
	PG6009		PG6008*		PG6007
	PG6509		PG6508*		PG6507

ASPHALT					
9,000 Series		8,000 Series		7,000 Series	
High production; excellent blade life		Fast cutting; excellent blade life		Fast cutting; good blade life	
Rec. HP: 57-82		Rec. HP: 57-82		Rec. HP: 57-82	
	PG8009*		PG8008		PG8007
	PG8209*		PG8208		PG8207
	PG8309		PG8308*		PG8307
	PG8509		PG8508*		PG8507
	PG8709		PG8708*		PG8707

* Recommended specification and series based on our experience in these aggregates.

FOR CURED CONCRETE

Specification Selection

	GR70	Critically Hard Aggregate
	GR72	Hard Aggregate
	GR74	Medium — Non Abrasive
	GR76	Medium — Abrasive
	GR78	Soft — Abrasive

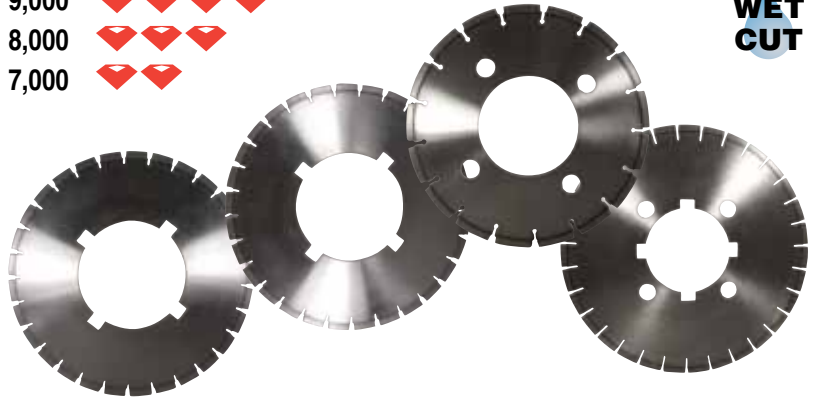
Standard Sizes
— Specify Head
Width and Arbor;
all common
arbors available.

in.	mm
12 x 0.125	305 x 3.2
14 x 0.125	356 x 3.2
16 x 0.125	406 x 3.2
18 x 0.125	457 x 3.2

Series Relative Diamond Content



WET CUT



10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; excellent blade life		Excellent production; excellent blade life		Fast cutting; excellent blade life		Very fast cutting; excellent blade life	
	GR7010		GR7009		GR7008		GR7007*
	GR7210		GR7209		GR7208		GR7207*
	GR7410		GR7409		GR7408*		GR7407
	GR7610		GR7609*		GR7608		GR7607
	GR7810*		GR7809		GR7808		GR7807

* Recommended specification and series based on our experience in these aggregates.

FOR ASPHALT

Specification Selection

	GR75	Critically Hard Aggregate
	GR77	Hard Aggregate
	GR79	Medium — Non Abrasive
	GR82	Medium — Abrasive
	GR85	Soft — Abrasive

Standard Sizes
— Specify Head
Width and Arbor;
all common
arbors available.

in.	mm
12 x 0.125	305 x 3.2
14 x 0.125	356 x 3.2
16 x 0.125	406 x 3.2
18 x 0.125	457 x 3.2

Series Relative Diamond Content



WET CUT



10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; excellent blade life		Excellent production; excellent blade life		Fast cutting; excellent blade life		Very fast cutting; excellent blade life	
	GR7510		GR7509		GR7508		GR7507*
	GR7710		GR7709		GR7708		GR7707*
	GR7910		GR7909		GR7908*		GR7907
	GR8210		GR8209*		GR8208		GR8207
	GR8510*		GR8509		GR8508		GR8507

* Recommended specification and series based on our experience in these aggregates.

FOR CURED CONCRETE

Specification Selection

	GV70	Critically Hard Aggregate
	GV72	Hard Aggregate
	GV74	Medium — Non Abrasive
	GV76	Medium — Abrasive
	GV78	Soft — Abrasive

Series Relative Diamond Content



WET CUT

Standard Sizes
— Specify Head
Width and Arbor;
all common
arbors available.

	in.	mm
	12 x 0.110	305 x 2.8
	12 x 0.125	305 x 3.2
	12 x 0.230	305 x 5.8
	12 x 0.250	305 x 6.4
	14 x 0.125	356 x 3.2
	14 x 0.230	356 x 5.8
	14 x 0.250	356 x 6.4

10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; excellent blade life		Excellent production; excellent blade life		Fast cutting; excellent blade life		Very fast cutting; excellent blade life	
	GV7010		GV7009		GV7008		GV7007*
	GV7210		GV7209		GV7208		GV7207*
	GV7410		GV7409		GV7408*		GV7407
	GV7610		GV7609*		GV7608		GV7607
	GV7810*		GV7809		GV7808		GV7807

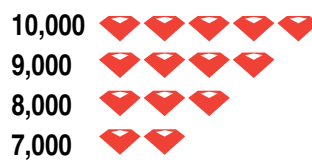
* Recommended specification and series based on our experience in these aggregates.

FOR ASPHALT

Specification Selection

	GV75	Critically Hard Aggregate
	GV77	Hard Aggregate
	GV79	Medium — Non Abrasive
	GV82	Medium — Abrasive
	GV85	Soft — Abrasive

Series Relative Diamond Content



WET CUT

Standard Sizes
— Specify Head
Width and Arbor;
all common
arbors available.

	in.	mm
	12 x 0.125	305 x 3.2
	12 x 0.230	305 x 5.8
	12 x 0.250	305 x 6.4
	14 x 0.125	356 x 3.2
	14 x 0.230	356 x 5.8
	14 x 0.250	356 x 6.4

10,000 Series		9,000 Series		8,000 Series		7,000 Series	
Highest production; excellent blade life		Excellent production; excellent blade life		Fast cutting; excellent blade life		Very fast cutting; excellent blade life	
	GV7510		GV7509		GV7508		GV7507*
	GV7710		GV7709		GV7708		GV7707*
	GV7910		GV7909		GV7908*		GV7907
	GV8210		GV8209*		GV8208		GV8207
	GV8510*		GV8509		GV8508		GV8507

* Recommended specification and series based on our experience in these aggregates.

PPC and PPCA Crack Chaser

Outstanding blade life and productivity to aggressively rout, clean and repair cracks in the following:

PPC — for cured concrete

PPCA — for soft/abrasive, green concrete

Supreme

**DRY/WET
CUT**

Model	Size	Arbor
825PPC	8" x .250"	1"
837PPC	8" x .375"	1"
850PPC	8" x .500"	1"
825PPCA	8" x .250"	1"
837PPCA	8" x .375"	1"
850PPCA	8" x .500"	1"



Floor Grinders

PDGW Grinding Disk

Fast, aggressive 10" floor grinding performance providing professional surface finishes and long life on:

■ **Concrete** — medium to medium hard

Premium

**DRY/WET
CUT**

Model	Size	Arbor
10PDGW	10"	*

*Arbor: Hole patterns are engineered to fit most 10" Grinding Machines. Arbor is 3/4". 4 holes are 3/8"-24 fine machine thread and 4 holes are 25/64" countersunk.



PDGWA Floor Grinding

Fast, aggressive 10" floor grinding performance providing professional surface finishes and long life on:

■ **Concrete** — soft/abrasive, green
■ **Asphalt**

Premium

**DRY/WET
CUT**

Model	Size	Arbor
10PDGWA	10"	**

**Arbor: Hole patterns are engineered to fit most 10" Grinding Machines. Arbor is 3/4". 4 holes are 3/8"-24 fine machine thread and 4 holes are 25/64" countersunk.





Technical Information



Flat Saws

Blade Diameter	Blade Diameter	Optimum Operating Speed	Average Cutting Depth	Average Cutting Depth
in.	mm.	rpm	in.	mm.
12	305	3024	3 5/8	92
14	356	2892	4 5/8	117
16	406	2268	5 5/8	143
18	457	2016	6 5/8	168
20	508	1814	7 5/8	194
24	610	1512	9 5/8	244
25	635	1452	10 1/8	257
26	660	1396	10 5/8	270
30	762	1210	12 5/8	321
36	914	1008	14 5/8	371
38	965	954	15 5/8	397
40	1016	907	16 5/8	422
42	1067	863	17 5/8	448
44	1118	826	18 5/8	473
48	1219	756	19 5/8	498

Core Bit Operating Speeds, RPM

Diameter	Min.	Ideal	Max.
2"	1200	1600	2000
3"	800	1050	1300
4"	600	800	1000
5"	475	640	800
6"	400	560	665
7"	340	450	600
8"	300	400	500
10"	240	320	400
12"	200	265	330
14"	170	225	285
16"	150	200	250
18"	130	175	220

Application Code for Diamond Saw Blades



Position: 1 - 2 - 3
X - X - X

POSITION	DESCRIPTION	APPLICATION	CODE
1	Wet	Wet use only	W
	Wet or Dry	Wet or dry use	D
2	Media Type	Cured Concrete	C
		Green Concrete	G
		Asphalt	A
		Asphalt over Concrete	O
		Brick, Block, Masonry, Refractory	B
		Tile, Ceramic, Stone	T
3	Saw Type	Flat Saw	F
		Wall Saw	W
		Hand-Held Saw	H
		Stationary Saw	S
		Masonry or Tile Saw	M

Example: W - C - F = Wet use only; Cured Concrete; Flat Saw



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Diamonds working for you

*Materials and specifications are subject to change without notice.
Always wear proper safety equipment when using cutting tools.*

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HONEY BROOK, PA 19344-0310

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