



DIXIE
DIAMOND



Dixie Diamond Product Guide

www.DixieDiamond.com

MADE
IN THE USA

ABOUT US

Engineering High-Performance Diamond Tools – Made in the USA Since 1946

Founded in 1946, Dixie Diamond Manufacturing has grown to become the largest American-owned manufacturer of high-quality diamond tools.

With more than seven decades of experience, we proudly engineer and manufacture blades, core bits, wire, and parts designed for cutting concrete, asphalt, masonry, stone, tile, and other tough materials.

Trusted Quality. Proven Performance.

We specialize in producing superior diamond tools—not equipment—giving us a sharp focus on product performance, quality, and reliability. Our tools are built for professional users who demand durability and value.

We offer tiered product lines to meet a wide range of cutting and drilling needs—all delivering excellent results at the best possible value.

Why Choose Dixie Diamond?

Made in the USA

Our full-service manufacturing plant in Lilburn, Georgia has been operating since 1946.

We're proud to offer the largest selection of U.S.-made products.

Dedicated Metallurgist on Staff

Our in-house metallurgist brings deep expertise in diamond formulations, helping you save time and money when developing custom tools for specific aggregates or applications.

Extensive Product Testing

We conduct comprehensive product testing and quality control to help reduce downtime and ensure consistent, high performance on every job.

Technical & Experienced Sales Team

With over 200 years of combined industry experience, our technical sales professionals offer on-site education, support, and insight to help you get the most out of your tools. Each customer is supported by a dedicated Territory Manager and Inside Sales Manager who understand the demands of real-world cutting environments.

Fast, Reliable Distribution

With distribution centers in the Atlanta, Houston, and Seattle metro areas, we can deliver product within 3–5 business days across the country. Quotes are turned around within 24 hours, and orders are managed by dedicated Project Managers who keep you informed every step of the way.

At Dixie Diamond, we don't just manufacture diamond tools—we engineer solutions that power performance, minimize downtime, and keep your job running on schedule. Let our team of experts help you cut through the toughest challenges with confidence.





Choosing the Right Blade Starts Here

How to Select the Correct Blade for Your Application

Selecting the right diamond blade for your application is essential for cutting performance, blade life, and job site efficiency. Use this guide to help narrow your options and ensure you're matched with the right tool for the job

Step One -> What material are you cutting?

- Whether you're working with concrete, asphalt, granite, tile, marble, or metal, the type of material directly affects blade performance.
- The blade's bond and segment design are engineered to handle specific material hardness, abrasiveness and amount of reinforcement condition
- Refer to the Aggregate Map below to understand the aggregate hardness in your region—this impacts which bond is most appropriate.



Step Three -> What is the horsepower of your saw?

- Saw horsepower affects cutting speed and heat generation.
- Higher horsepower requires blades built to withstand more force and heat.
 - Let us know if your application uses multiple saw types with different horsepower ratings.



Step Two -> What type of equipment are you using?

Different blades are designed for different types of saws:

- Handheld saws
- Walk-behind saws
- Angle grinders
- Tile saws
- Bridge saws

Matching the blade to the correct equipment ensures smooth operation and optimal results.

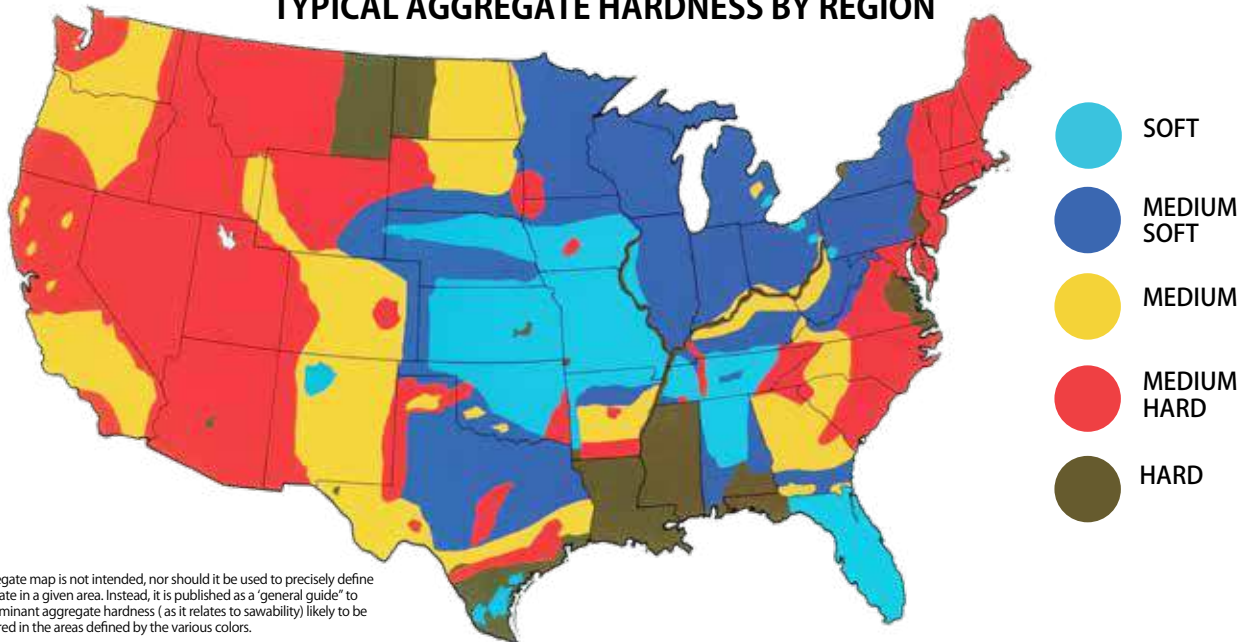
Step Four -> What is the bolt pattern on your saw?

- Before final selection, confirm the bolt pattern to ensure the blade is compatible with your saw.
- This small detail ensures proper fit and safe operation.

Need Help Choosing?

Our technical support team is here to help you match the perfect blade to your needs.
Call us at 800-654-7224 or visit www.DixieDiamond.com

TYPICAL AGGREGATE HARDNESS BY REGION



This aggregate map is not intended, nor should it be used to precisely define all aggregate in a given area. Instead, it is published as a 'general guide' to the predominant aggregate hardness (as it relates to sawability) likely to be encountered in the areas defined by the various colors.

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ICON KEY

Keep an eye out for these icons in the catalog to simplify your blade selection. If you spot this icon at the top of a page, it means the blades featured are suited for this equipment



Large Walk Behind Saws



Medium Walk Behind Saws



Floor Grinders



Soft Cut Saws



Hydraulic Hand Saws



Electric Hand Saws



Wall Saws



Wire Saws



Core Drill Rig



Hand Held Drill



Masonry Saws



Cup Wheel Grinder



Right Angle Grinder



High Speed Hand Saws

DIXIE DIAMOND CASE STUDY

Pushing the Limits: A Fully Customized Blade Solution

When Concrete Cutting & Breaking (CC&B Co.) took on the Howard Frankland Bridge Replacement in Tampa Bay, they faced one of the most demanding concrete cutting projects in U.S. history. Standard solutions wouldn't cut it — they needed something purpose-built for the challenge.

That's when Dixie Diamond stepped in.



A Blade Designed for the Job

Working in collaboration with the customer's fabrication team in Grand Rapids, Michigan, Dixie Diamond engineered a fully customized 94" saw blade tailored specifically to the project's needs. Built to power through vertical diaphragm splits, pile cap sections, and heavily reinforced concrete, this blade delivered a level of performance that off-the-shelf options simply couldn't match.

Performance at Scale

- Diameter: 94"
- Application: Vertical diaphragm splits, pile cap sections, deep reinforced cuts
- Environment: Continuous heavy-duty cutting in reinforced bridge structures
- Result: Faster progress, unmatched durability, fewer blade changes

**"Dixie Diamond blades performed beyond our expectations.
From the 28" all the way up to the 94", their performance was impressive."**

— Project Manager, CC&B



A Blade That Redefined What's Possible

Standing taller than most of the crew on-site, the 94" custom blade is more than just equipment — it's a testament to what tailored design, engineering, and partnership can achieve. It enabled crews to keep pace with the demolition of a 3-mile, \$973 million bridge replacement project, cutting through thousands of feet of reinforced concrete with precision and consistency.

When the job demands bigger, deeper, and tougher cutting solutions, Dixie Diamond delivers fully customized answers.

Ready to Push the Limits on Your Next Project?

Talk to a Dixie Diamond sales representative today to learn how our custom blades and engineered solutions can help you tackle your toughest jobs.

BOND INFORMATION

CATALOG SPEC. #	RECOMMEND SAW or APPLICATION	CSDA AGGREGATE HARDNESS COLORS		
		Soft Limestone, Abrasive concrete	Limestone, Soft Granite, Sand & Blue stone	Granite, Hard limestone, Trap rock
BD4510	BRIDGE DECK			X
BD4516	BRIDGE DECK		X	X
C4514	GAS 35-60			
C4515	GAS 35-60			X
C4516	GAS 35-60		X	X
C4517	GAS 35-60	X	X	X
C4518	GAS 65-110			X
C4520	GAS 65-110			X
C4521	GAS 65-110		X	X
C4522	GAS 65-110		X	X
C4523	GAS 65-110		X	X
C4562	GAS 65-110			
C4564	GAS 65-110			
E10	ELECTRIC-10HP			X
E20	ELECTRIC-20HP			X
E25	ELECTRIC-20-30HP		X	X
E30	ELECTRIC-20-30HP		X	X
E40	ELECTRIC-30-40HP	X	X	X
CC4035	CURB CUT			
CC4040	CURB CUT			X
CC4060	CURB CUT	X	X	X
RED	ECONOMY FLAT SAW			X
BLUE	ECONOMY FLAT SAW		X	X
GREEN	ECONOMY FLAT SAW	X	X	
JW20	JOINT WIDENING			
JW30	JOINT WIDENING		X	X
JW50	JOINT WIDENING	X	X	X
G4520	GREEN CONCRETE			
G4540	GREEN CONCRETE			
G4545	GREEN CONCRETE			X
G4555	GREEN CONCRETE		X	X
G4564	GREEN CONCRETE	X	X	X
G4570	GREEN CONCRETE	X	X	X
A3855	ASPHALT			X
A3860	ASPHALT			X
A3865	ASPHALT		X	X
A3870	ASPHALT	X	X	X
O3530	OVERLAY			X

BOND INFORMATION

Quartz, River rock, Basalt	Flint, Chert	APPLICATION DESCRIPTION
X		FAST CUTTING FOR 48+ HP SAWS WITH U SEGMENTS
X		GENERAL PURPOSE BLADE IN MOST BRIDGES
X	X	HARD AGGREGATE WITH MEDIUM STEEL CONTENT
X		MEDIUM HARD AGGREGATE WITH MEDIUM STEEL CONTENT
		HARD AGGREGATE WITH MEDIUM STEEL CONTENT
		MEDIUM AGGREGATE WITH MEDIUM STEEL CONTENT
X		HARD AGGREGATE WITH HEAVY STEEL CONTENT
X		HARD AGGREGATE WITH MEDIUM STEEL CONTENT
X		MEDIUM AGGREGATE WITH MEDIUM STEEL CONTENT
		MEDIUM TO SOFT AGGREGATE LIGHT REINFORCEMENT
X		MEDIUM AGGREGATE, WITH STEEL LONGER, LIFE
X	X	VERY HARD FINE GRAINED AGGREGATE, FLINT CHERT WITH STEEL
X	X	HARD FLINT AGGREGATE WITH STEEL AND LONGER LIFE
X	X	FAST CUTTING FOR LOW HP ELECTRIC SAWS - U SEGMENTS
X	X	GRANITE AND HARD LIMESTONE AGGREGATE - U SEGMENTS
X		GENERAL PURPOSE ELECTRIC SAW WITH REINFORCEMENT
X		MEDIUM HARD AGGREGATE WITH STEEL, HIGHER HP ELECTRIC SAWS
		HARD AGGREGATE WITH STEEL AND HIGHER HP ELECTRIC SAWS
X	X	FAST CUTTING CURB CUT WITH HARD BAZALT AND QUARTZ AGGREGATE
X		LIMESTONE TO GRANITE AGGREGATE
		LIMESTONE MEDIUM HARD GRANITE AGGREGATE FOR LONGER LIFE
X		CONCRETE, HARD AGGREGATE WITH MEDIUM STEEL CONTENT
		CONCRETE, GENERAL PURPOSE WITH MEDIUM STEEL CONTENT
		ASPHALT, GENERAL PURPOSE
X	X	FASTER CUTTING JOINT BLADE WITH LOWER HP SAWS
		HARD AGGREGATE, FLINT CHERT FOR FAST CUTTING
		SOFTER ABRASIVE AGGREGATE FOR LONGER LIFE.
X	X	HARD AGGREGATE, FLINT CHERT FOR FAST CUTTING
X	X	FAST AND CLEAN CUTTING CHERT, ROSE QUARTZ, OPTIMUM LIFE
X	X	FAST CUTTING CHERT VERY LONG LIFE
		FAST CUTTING, LIMESTONE AND GRANITE AGGREGATE
		ABRASIVE CONCRETE, SHOULDER CUTTING BLADE LONGER LIFE
		LIME STONE, GRANITE AND HARD LIMESTONE, FAST AND LONG LIFE FORMULA
X		HARD GRANITE, QUARTZ TRAP ROCK, GREAT LIFE, FAST CUTTING
X	X	MEDIUM HARD & HARD AGGREGATE AND FAST CUTTING
X		MEDIUM HARD & HARD AGGREGATE AND LONGER LIFE
		GREAT LIFE IN GRANITE AND HARD AND SOFT LIMESTONE
X		FAST CUTTING OVERLAY BLADE WITH MOSTLY CONCRETE TO BE CUT

BOND INFORMATION

CATALOG SPEC. #	RECOMMEND SAW or APPLICATION	CSDA AGGREGATE HARDNESS COLORS		
		Soft Limestone, Abrasive concrete	Limestone, Soft Granite, Sand & Blue stone	Granite, Hard limestone, Trap rock
X26MB	OVERLAY	X	X	X
H4015	HAND SAW		X	X
H4025	HAND SAW			X
H4027	HAND SAW		X	X
H4028	HAND SAW	X	X	X
H4035	HAND SAW	X	X	X
W4015	WALL SAW			X
W4025	WALL SAW	X	X	X
W4035	WALL SAW	X	X	X
W4040	WALL SAW			X
W4055	WALL SAW			
RS10	RING SAW			X
RS25	RING SAW	X	X	X
RS-MATRIX	RING SAW	X	X	
TLC4510	TRAFFIC LOOP			X
TLC	TRAFFIC LOOP	X	X	X
TLA4520	TRAFFIC LOOP		X	X
TLA	TRAFFIC LOOP	X	X	X

HARDNESS OF AGGREGATE

There are many different types of rock used as aggregate. Generally, hard aggregate breaks down the cutting diamonds faster which means the bond must be softer to expose new diamonds. Softer aggregate generally does not break down the cutting diamond as quickly and therefore requires a harder bond to hold the diamonds in place to use their full potential. The Mohs' scale is used to measure the hardness of aggregate and has a range of 1 - 10. Most aggregates fall into the 2 - 9 range.

BOND INFORMATION

Quartz, River rock, Basalt	Flint, Chert	APPLICATION DESCRIPTION
		GRANITE, TRAP ROCK AND HARD LIMESTONE, GREAT LIFE 50+ HP
X		FAST CUTTING WITH AIR SAWS
X	X	FAST CUTTING, GRANITE AND BLUE STONE CONCRETE WITH STEEL
X	X	FAST CUTTING MEDIUM HARD CONCRETE WITH STEEL
		SPITTED SEGMENT FOR MEDIUM HARD CONCRETE AND STEEL
		GRANITE AGGREGATE, MORE POWERFUL SAWS WITH IMPROVED LIFE
X		AIR SAWS, FAST CUTTING 5 LAYER SEGMENTS ABOVE 0.220" THICK BLADES
X	X	FAST CUTTING ALL PURPOSE WALL SAW BLADE IN MOST AGGREGATES
		HARD LIMESTONE TO GRANITE AGGREGATE IMPROVED LIFE
X	X	HARD AGGREGATE WITH QUARTZ AND BASALT AGGREGATE AND HEAVY STEEL
X	X	HARD FLINT AND CHERT AGGREGATE WITH STEEL, GREAT LIFE!
X	X	FAST BRONZE BOND HARD AGGREGATE BOND - CUTS THROUGH STEEL
		DESIGNED FOR MEDIUM HARD AGGREGATE AND LONGER LIFE
		ALL PURPOSE APPLICATION
X	X	CONCRETE, HARD AGGREGATE CONCRETE LOOP BLADE
		ALL PURPOSE CURED CONCRETE LOOP BLADE WITH SANDWICHED SEGMENTS
		ASPHALT, HARD AGGREGATE LOOP BLADE
		ALL PURPOSE ASPHALT LOOP BLADE WITH SANDWICH SEGMENTS



PRO CURED CONCRETE BLADES - WET CUTTING



35 - 60 HP Saws Recommended

<<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>>

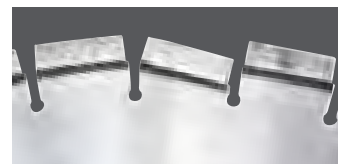
CATALOG SERIES

SIZES	C4514	C4515	C4516	C4517
12 X 125	C451412125	C451512125	C451612125	C451712125
12 X 140	C451412140	C451512140	C451612140	C451712140
12 X 155	C451412155	C451512155	C451612155	C451712155
12 X 165	C451412165	C451512165	C451612165	C451712165
12 X 187	C451412187	C451512187	C451612187	C451712187
12 X 220	C451412220	C451512220	C451612220	C451712220
12 X 250	C451412250	C451512250	C451612250	C451712250
14 X 125	C451414125	C451514125	C451614125	C451714125
14 X 140	C451414140	C451514140	C451614140	C451714140
14 X 155	C451414155	C451514155	C451614155	C451714155
14 X 165	C451414165	C451514165	C451614165	C451714165
14 X 187	C451414187	C451514187	C451614187	C451714187
14 X 220	C451414220	C451514220	C451614220	C451714220
14 X 250	C451414250	C451514250	C451614250	C451714250
16 X 125	C451416125	C451516125	C451616125	C451716125
16 X 140	C451416140	C451516140	C451616140	C451716140
16 X 155	C451416155	C451516155	C451616155	C451716155
16 X 165	C451416165	C451516165	C451616165	C451716165
16 X 187	C451416187	C451516187	C451616187	C451716187
16 X 220	C451416220	C451516220	C451616220	C451716220
16 X 250	C451416250	C451516250	C451616250	C451716250
18 X 125	C451418125	C451518125	C451618125	C451718125
18 X 140	C451418140	C451518140	C451618140	C451718140
18 X 155	C451418155	C451518155	C451618155	C451718155
18 X 165	C451418165	C451518165	C451618165	C451718165
18 X 187	C451418187	C451518187	C451618187	C451718187
18 X 220	C451418220	C451518220	C451618220	C451718220
18 X 250	C451418250	C451518250	C451618250	C451718250
20 X 125	C451420125	C451520125	C451620125	C451720125
20 X 140	C451420140	C451520140	C451620140	C451720140
20 X 155	C451420155	C451520155	C451620155	C451720155
20 X 165	C451420165	C451520165	C451620165	C451720165
20 X 187	C451420187	C451520187	C451620187	C451720187



Product Spec Description

- C4514 Hard aggregate with medium steel content
- C4515 Medium Hard aggregate with medium steel content
- C4516 Hard aggregate with medium steel content
- C4517 Medium aggregate with medium steel content



RECESS SEGMENT UNDERCUT
PROTECTION AVAILABLE



PRO CURED CONCRETE BLADES - WET CUTTING

35 - 60 HP Saws Recommended

<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>

CATALOG SERIES

SIZES	C4514	C4515	C4516	C4517
20 X 220	C451420220	C451520220	C451620220	C451720220
20 X 250	C451420250	C451520250	C451620250	C451720250
22 X 155	C451422155	C451522155	C451622155	C451722155
22 X 165	C451422165	C451522165	C451622165	C451722165
22 X 187	C451422187	C451522187	C451622187	C451722187
22 X 250	C451422250	C451522250	C451622250	C451722250
24 X 125	C451424125	C451524125	C451624125	C451724125
24 X 140	C451424140	C451524140	C451624140	C451724140
24 X 155	C451424155	C451524155	C451624155	C451724155
24 X 165	C451424165	C451524165	C451624165	C451724165
24 X 187	C451424187	C451524187	C451624187	C451724187
24 X 220	C451424220	C451524220	C451624220	C451724220
24 X 250	C451424250	C451524250	C451624250	C451724250
26 X 140	C451426140	C451526140	C451626140	C451726140
26 X 155	C451426155	C451526155	C451626155	C451726155
26 X 165	C451426165	C451526165	C451626165	C451726165
26 X 187	C451426187	C451526187	C451626187	C451726187
26 X 200	C451426200	C451526200	C451626200	C451726200
26 X 220	C451426220	C451526220	C451626220	C451726220
26 X 250	C451426250	C451526250	C451626250	C451726250
28 X 140	C451428140	C451528140	C451628140	C451728140
28 X 165	C451428165	C451528165	C451628165	C451728165
28 X 187	C451428187	C451528187	C451628187	C451728187
28 X 200	C451428200	C451528200	C451628200	C451728200
28 X 220	C451428220	C451528220	C451628220	C451728220
28 X 250	C451428250	C451528250	C451628250	C451728250
30 X 155	C451430155	C451530155	C451630155	C451730155
30 X 165	C451430165	C451530165	C451630165	C451730165
30 X 187	C451430187	C451530187	C451630187	C451730187
30 X 200	C451430200	C451530200	C451630200	C451730200
30 X 220	C451430220	C451530220	C451630220	C451730220
30 X 250	C451430250	C451530250	C451630250	C451730250
32 X 155	C451432155	C451532155	C451632155	C451732155
32 X 165	C451432165	C451532165	C451632165	C451732165
32 X 187	C451432187	C451532187	C451632187	C451732187
32 X 200	C451432200	C451532200	C451632200	C451732200
32 X 220	C451432220	C451532220	C451632220	C451732220
32 X 250	C451432250	C451532250	C451632250	C451732250
36 X 155	C451436155	C451536155	C451636155	C451736155
36 X 165	C451436165	C451536165	C451636165	C451736165
36 X 187	C451436187	C451536187	C451636187	C451736187
36 X 200	C451436200	C451536200	C451636200	C451736200
36 X 220	C451436220	C451536220	C451636220	C451736220
36 X 250	C451436250	C451536250	C451636250	C451736250



PRO CURED CONCRETE BLADES - WET CUTTING

65-110 HP Saws Recommended

<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>

CATALOG SERIES

SIZES	C4518	C4520	C4521	C4523
12 X 125	C451812125	C452012125	C452112125	C452312125
12 X 140	C451812140	C452012140	C452112140	C452312140
12 X 155	C451812155	C452012155	C452112155	C452312155
12 X 165	C451812165	C452012165	C452112165	C452312165
12 X 187	C451812187	C452012187	C452112187	C452312187
12 X 220	C451812220	C452012220	C452112220	C452312220
12 X 250	C451812250	C452012250	C452112250	C452312250
14 X 125	C451814125	C452014125	C452114125	C452314125
14 X 140	C451814140	C452014140	C452114140	C452314140
14 X 155	C451814155	C452014155	C452114155	C452314155
14 X 165	C451814165	C452014165	C452114165	C452314165
14 X 187	C451814187	C452014187	C452114187	C452314187
14 X 220	C451814220	C452014220	C452114220	C452314220
14 X 250	C451814250	C452014250	C452114250	C452314250
16 X 125	C451816125	C452016125	C452116125	C452316125
16 X 140	C451816140	C452016140	C452116140	C452316140
16 X 155	C451816155	C452016155	C452116155	C452316155
16 X 165	C451816165	C452016165	C452116165	C452316165
16 X 187	C451816187	C452016187	C452116187	C452316187
16 X 220	C451816220	C452016220	C452116220	C452316220
16 X 250	C451816250	C452016250	C452116250	C452316250
18 X 125	C451818125	C452018125	C452118125	C452318125
18 X 140	C451818140	C452018140	C452118140	C452318140
18 X 155	C451818155	C452018155	C452118155	C452318155
18 X 165	C451818165	C452018165	C452118165	C452318165
18 X 187	C451818187	C452018187	C452118187	C452318187
18 X 220	C451818220	C452018220	C452118220	C452318220
18 X 250	C451818250	C452018250	C452118250	C452318250
20 X 125	C451820125	C452020125	C452120125	C452320125
20 X 140	C451820140	C452020140	C452120140	C452320140
20 X 155	C451820155	C452020155	C452120155	C452320155
20 X 165	C451820165	C452020165	C452120165	C452320165
20 X 187	C451820187	C452020187	C452120187	C452320187
20 X 220	C451820220	C452020220	C452120220	C452320220
20 X 250	C451820250	C452020250	C452120250	C452320250
22 X 155	C451822155	C452022155	C452122155	C452322155
22 X 165	C451822165	C452022165	C452122165	C452322165
22 X 187	C451822187	C452022187	C452122187	C452322187

Product Spec Description

- C4518 Hard aggregate with heavy steel content
- C4520 Hard aggregate with medium steel content
- C4521 Medium aggregate with medium steel content
- C4523 Medium aggregate, with steel, longer life



PRO CURED CONCRETE BLADES - WET CUTTING

65-110 HP Saws Recommended

<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>

CATALOG SERIES

SIZES	C4518	C4520	C4521	C4523
22 X 250	C451822250	C452022250	C452122250	C452322250
24 X 125	C451824125R	C452024125R	C452124125R	C452324125
24 X 140	C451824140R	C452024140R	C452124140R	C452324140
24 X 155	C451824155R	C452024155R	C452124155R	C452324155
24 X 165	C451824165R	C452024165R	C452124165R	C452324165
24 X 187	C451824187R	C452024187R	C452124187R	C452324187
24 X 220	C451824220R	C452024220R	C452124220R	C452324220
24 X 250	C451824250R	C452024250R	C452124250R	C452324250
26 X 140	C451826140R	C452026140R	C452126140R	C452326140
26 X 155	C451826155R	C452026155R	C452126155R	C452326155
26 X 165	C451826165R	C452026165R	C452126165R	C452326165
26 X 187	C451826187R	C452026187R	C452126187R	C452326187
26 X 200	C451826200R	C452026200R	C452126200R	C452326200
26 X 220	C451826220R	C452026220R	C452126220R	C452326220
26 X 250	C451826250R	C452026250R	C452126250R	C452326250
28 X 140	C451828140R	C452028140R	C452128140R	C452328140
28 X 165	C451828165R	C452028165R	C452128165R	C452328165
28 X 187	C451828187R	C452028187R	C452128187R	C452328187
28 X 200	C451828200R	C452028200R	C452128200R	C452328200
28 X 220	C451828220R	C452028220R	C452128220R	C452328220
28 X 250	C451828250R	C452028250R	C452128250R	C452328250
30 X 155	C451830155R	C452030155R	C452130155R	C452330155
30 X 165	C451830165R	C452030165R	C452130165R	C452330165
30 X 187	C451830187R	C452030187R	C452130187R	C452330187
30 X 200	C451830200R	C452030200R	C452130200R	C452330200
30 X 220	C451830220R	C452030220R	C452130220R	C452330220
30 X 250	C451830250R	C452030250R	C452130250R	C452330250
32 X 155	C451832155R	C452032155R	C452132155R	C452332155
32 X 165	C451832165R	C452032165R	C452132165R	C452332165
32 X 187	C451832187R	C452032187R	C452132187R	C452332187
32 X 200	C451832200R	C452032200R	C452132200R	C452332200
32 X 220	C451832220R	C452032220R	C452132220R	C452332220
32 X 250	C451832250R	C452032250R	C452132250R	C452332250
36 X 155	C451836155R	C452036155R	C452136155R	C452336155
36 X 165	C451836165R	C452036165R	C452136165R	C452336165
36 X 187	C451836187R	C452036187R	C452136187R	C452336187
36 X 200	C451836200R	C452036200R	C452136200R	C452336200
36 X 220	C451836220R	C452036220R	C452136220R	C452336220
36 X 250	C451836250R	C452036250R	C452136250R	C452336250
42 X 155	C451842155R	C452042155R	C452142155R	C452342155
42 X 165	C451842165R	C452042165R	C452142165R	C452342165
42 X 187	C451842187R	C452042187R	C452142187R	C452342187
36 X 250	C451836250R	C452036250R	C452136250R	C452336250
42 X 155	C451842155R	C452042155R	C452142155R	C452342155
42 X 165	C451842165R	C452042165R	C452142165R	C452342165
42 X 187	C451842187R	C452042187R	C452142187R	C452342187

PART NUMBERS WITH R AT THE END HAVE RECESS SEGMENT UNDERCUT PROTECTION

PRO CURED CONCRETE BLADES - WET CUTTING



65-110 HP Saws Recommended

<<<<< HARDER CONCRETE SOFTER CONCRETE >>>>>

CATALOG SERIES

CATALOG SERIES #	C4518	C4520	C4521	C4523
42 X 200	C451842200R	C452042200R	C452142200R	C452342200
42 X 220	C451842220R	C452042220R	C452142220R	C452342220
42 X 250	C451842250R	C452042250R	C452142250R	C452342250
48 X 187	C451848187R	C452048187R	C452148187R	C452348187
48 X 220	C451848220R	C452048220R	C452148220R	C452348220
48 X 250	C451848250R	C452048250R	C452148250R	C452348250
54 X 187	C451854187R	C452054187R	C452154187R	C452354187
54 X 220	C451854220R	C452054220R	C452154220R	C452354220
54 X 250	C451854250R	C452054250R	C452154250R	C452354250
60 X 220	C451860220R	C452060220R	C452160220R	C452360220
60 X 250	C451860250R	C452060250R	C452160250R	C452360250
66 X 220	C451866220R	C452066220R	C452166220R	C452366220
66 X 250	C451866250R	C452066250R	C452166250R	C452366250
72 X 220	C451872220R	C452072220R	C452172220R	C452372220
72 X 250	C451872250R	C452072250R	C452172250R	C452372250
80 X 250	C451880250R	C452080250R	C452180250R	C452380250

PART NUMBERS WITH R AT THE END HAVE RECESS SEGMENT UNDERCUT PROTECTION

Product Spec Description

- C4518 Hard aggregate with heavy steel content
- C4520 Hard aggregate with medium steel content
- C4521 Medium aggregate with medium steel content
- C4523 Medium aggregate, with steel, longer life





BRIDGE DECK BLADES

<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>

CATALOG SERIES

SIZES	BD4510	BD4516
18 X 165	BD451018165	BD451618165
18 X 187	BD451018187	BD451618187
18 X 220	BD451018220	BD451618220
18 X 250	BD451018250	BD451618250
20 X 165	BD451020165	BD451620165
20 X 187	BD451020187	BD451620187
20 X 250	BD451020250	BD451620250
24 X 165	BD451024165	BD451624165
24 X 187	BD451024187	BD451624187
24 X 220	BD451024220	BD451624220
24 X 250	BD451024250	BD451624250
26 X 165	BD451026165	BD451626165
26 X 187	BD451026187	BD451626187
26 X 220	BD451026220	BD451626220
26 X 250	BD451026250	BD451626250
30 X 165	BD451030165	BD451630165
30 X 187	BD451030187	BD451630187
30 X 220	BD451030220	BD451630220
30 X 250	BD451030250	BD451630250
32 X 187	BD451032187	BD451632187
36 X 165	BD451036165	BD451636165
36 X 187	BD451036187	BD451636187
36 X 220	BD451036220	BD451636220
36 X 250	BD451036250	BD451636250
42 X 187	BD451042187	BD451642187
42 X 220	BD451042220	BD451642220
42 X 250	BD451042250	BD451642250
48 X 187	BD451048187	BD451648187
48 X 220	BD451048220	BD451648220
48 X 250	BD451048250	BD451648250
54 X 220	BD451054220	BD451654220
60 X 220	BD451060220	BD451660220

Product Spec Description

BD4510 Hard aggregate with heavy steel content

BD4516 Medium aggregate with medium steel content



REVOLUTION SERIES BLADES



CURED CONCRETE

SPEC

C7611	FREE CUT
C7643	FAST CUT
C7644	TOUGH CUT

AVAILABLE SIZE

14 x 125	24 x 140
14 X 155	24 x 155
14 X 165	24 x 165
16 X 165	24 x 187
16 X 155	24 x 220
16 X 165	24 x 250
18 x 125	26 x 155
18 x 155	26 x 165
18 x 165	26 x 187
20 x 125	26 x 200
20 x 155	26 x 220
20 x 165	26 x 250
20 x 187	28 x 165
20 x 220	28 x 187
22 x 155	28 x 200
22 x 165	28 x 220
22 x 187	30 x 155
22 x 220	30 x 165
22 x 250	30 x 187
24 x 125	30 x 200
24 x140	32 x 250
24 x1 55	36 x 155
24 x 165	36 x 165
24 x 187	36 x 187
24 x 220	36 x 200
24 x 250	36 x 220
24 x 155	36 x 250

Welcome to a **NEW PATENTED TECHNOLOGY** **REVOLUTION**

WALL SAW

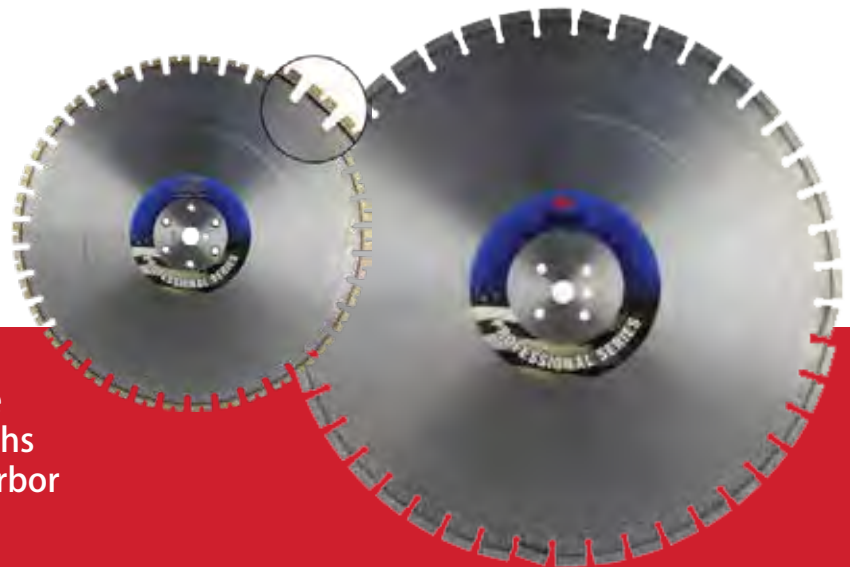
SPEC

W7638

AVAILABLE SIZE

24 X 187	36 X 188
24 X 235	36 X 235
24 X 250	36 X 250
30 X 187	42 X 187
30 X 235	42 X 235
30 X 250	42 x 250
32 X 187	42 X 187
32 X 235	42 X 235
32 X 250	42 x 250

7600 SERIES



Revolutionary blades are available in multiple diameter and kerf widths along with the option of custom arbor configurations

- Accelerate your cutting speed
- Maximize material removal
- Maintain diamond exposure to extend blade life in tough cutting conditions



The REVOLUTION Series is engineered and manufactured in the USA!



FREEDOM SERIES BLADES

EXPANDED OFFERING **FREEDOM** Series



VALUE PROPOSITION

Segment design provides *EXCELLENT* performance in soft to medium hard aggregates and abrasive materials

Ideal blade choice for customers seeking higher performance in *SPEED* and *Ease of Cut*

All blades are laser welded and *Manufactured in USA*

C6750 FREEDOM SEGMENT

Great Selection for customers looking for *ONE* blade to cut exceptionally well in a variety of aggregate

Segments designed to cut *FAST* and *FREE* on a broad selection of saws and horsepower

Excellent performance in cutting aggregate with *Heavy Rebar*

APPLICATIONS

Cured Concrete
Bridge Deck
Project & Service Work



C6740 FREEDOM SEGMENT

FASTEST Cutting High Performance blade in the *FREEDOM* Series

Freedom Segment excels in *FAST* cutting across a wide selection of low to higher HP saws

Rips through Steel and Rebar

APPLICATIONS

Cured Concrete
Curb Saw
Service Work



All FREEDOM Series models are offered in both standard and custom diameters and kerf sizes.

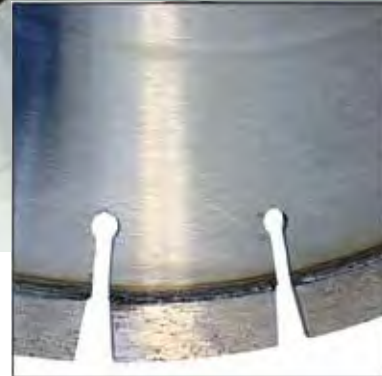
FREEDOM SERIES BLADES



C6740 & C6750 FREEDOM SEGMENT

CURED CONCRETE

SPEC	
C6740	FREE CUT
C6750	FAST CUT
AVAILABLE SIZE	
14 x 125	26 x 165
14x 155	26 x 187
14 x 165	26 x 200
16 x 125	26 x 220
16x 155	26 x 250
16 x 165	28 x 165
18 x 125	28 x 187
18 x 155	28 x 200
18 x 165	28 x 220
20 x 125	30 x 155
20x 155	30 x 165
20 x 165	30 x 187
20 x 187	30 x 200
20 x 220	30 x 220
22 x 155	30 x 250
22 x 165	32 x 155
22 x 187	32 x 165
22 x 220	32 x 187
22 x 250	32 x 200
24 x 125	32 x 220
24 x 140	32 x 250
24 x 155	36 x 155
24 x 165	36 x 165
24 x 187	36 x 187
24 x 220	36 x 200
24 x 250	36 x 220
26 x 155	36 x 250





ELECTRIC SAW BLADES

CATALOG SERIES

SIZES	E10	E20	E25	E30	E40
14 X 125	E1014125	E2014125	E2514125	E3014125	E4014125
14 X 140	E1014140	E2014140	E2514140	E3014140	E4014140
16 X 125	E1016125	E2016125	E2516125	E3016125	E4016125
16 X 140	E1016140	E2016140	E2516140	E3016140	E4016140
16 X 155	E1016155	E2016155	E2516155	E3016155	E4016155
18 X 125	E1018125	E2018125	E2518125	E3018125	E4018125
18 X 140	E1018140	E2018140	E2518140	E3018140	E4018140
18 X 155	E1018155	E2018155	E2518155	E3018155	E4018155
20 X 125	E1020125	E2020125	E2520125	E3020125	E4020125
20 X 140	E1020140	E2020140	E2520140	E3020140	E4020140

PART NUMBERS WITH R AT THE END HAVE RECESS SEGMENT UNDERCUT PROTECTION

SPLIT SEGMENT FEATURES

- Tall segment heights for extra long life.
- Blades designed for specific electric horsepower saws.
- Split segment design for 10 and 20 horsepower saws for faster cutting.
- All blades manufactured in the USA at Dixie Diamond Mfg.

STANDARD SEGMENT FEATURES

- Tall segment heights for extra long life.
- Blades designed for specific electric horsepower saws.
- Standard segment design for 30 and 40 horsepower saws for faster cutting.
- All blades manufactured in the USA at Dixie Diamond Mfg.

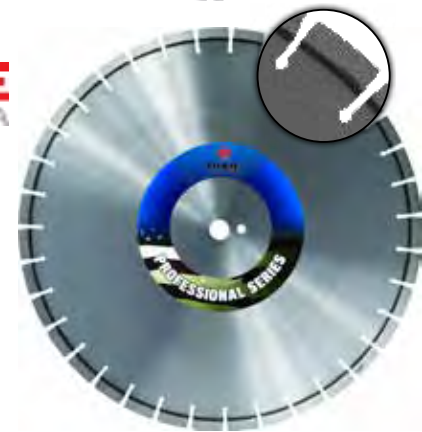
Product Spec Description

- E10 Fast cutting for low HP electric saws
 E20 Granite and hard limestone aggregate
 E25 General purpose Electric saw with reinforcement
 E30 Medium hard aggregate with steel, Higher HP electric saws
 E40 Hard aggregate with steel and higher HP Electric saws

MADE
IN THE USA



MADE
IN THE USA



OVERLAY BLADES



CATALOG SERIES

SIZES	O3530	X26MB
18 X 165	O353018165-DR	WC-X26MB-18165/15X
18 X 187	O353018187-DR	WC-X26MB-18187/15X
18 X 250	O353018250-DR	WC-X26MB-18250/15X
20 X 165	O353020165-DR	WC-X26MB-20165/15X
20 X 187	O353020187-DR	WC-X26MB-20187/15X
20 X 250	O353020250-DR	WC-X26MB-20150/15X
24 X 165	O353024165-DR	WC-X26MB-24165/15X
24 X 187	O353024187-DR	WC-X26MB-24187/15X
24 x 250	O353024250-DR	WC-X26MB-24250/15X
26 X 165	O353026165-DR	WC-X26MB-26165/15X
26 X 187	O353026187-DR	WC-X26MB-26187/15X
26 x 250	O353026250-DR	WC-X26MB-26250/15X
30 X 165	O353030165-DR	WC-X26MB-30165/15X

PART NUMBERS WITH DR AT THE END HAVE RECESS SEGMENT UNDERCUT PROTECTION

Product Spec Description

O3530 Fast cutting overlay blade with mostly concrete to be cut

X26MB General purpose overlay with 50/50 Concrete & Asphalt combo



MADE
IN THE USA



WET CUTTING CURED CONCRETE/ASPHALT/OVERLAY BLADES

5-35 HP SAW RECOMMENDED

HP High Performance - Cured Concrete

MADE
IN THE USA

BETTER



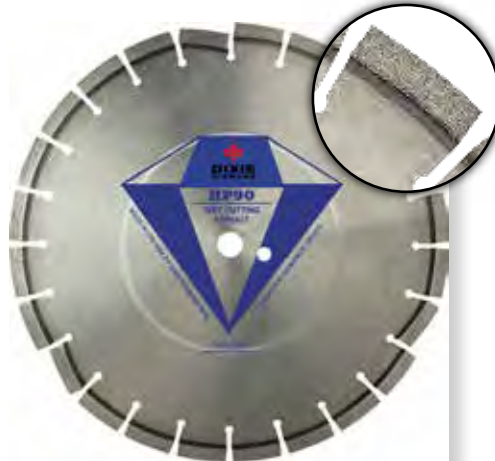
Size	Cured Concrete Part #
18" X .125" X 1"	HP1018125
20" X .140" X 1"	HP1020140
24" X .155" X 1"	HP1024155

- High Performance Series
- Laser welded
- Perfect for small push saws
- Best Performance when wet cutting
- Best used on cured concrete

HP High Performance - Asphalt

MADE
IN THE USA

BETTER



Size	Asphalt Part #
18" X .125" X 1"	HP9018125
20" X .140" X 1"	HP9020140
24" X .155" X 1"	HP9024155

- High Performance Series
- Laser welded
- Perfect for small push saws
- Best Performance when wet cutting
- Best used on asphalt, or is good on green concrete

HP High Performance - Overlay

MADE
IN THE USA

BETTER



Size	Overlay Part #
18" X .125" X 1"	HP10018125
20" X .140" X 1"	HP10020140
24" X .155" X 1"	HP10024155

- High Performance Series
- Laser welded
- Perfect for small push saws
- Best Performance when wet cutting
- Best used on asphalt over cured concrete

WET CUTTING CURED CONCRETE/ASPHALT/OVERLAY BLADES



35-72 HP SAW RECOMMENDED

CP Premium Series - CURED CONCRETE

MADE
IN THE USA

BEST



Size	Cured Concrete Part #
14" X .125"	CP1014125
18" X .125"	CP1018125
20" X .140"	CP1020140
24" X .155"	CP1024155
26" X .155"	CP1026155
30" X .187"	CP1030187
36" X .187"	CP1036187

- Premium series for walk behind saws
- Laser welded
- Wet cutting
- Best used on cured concrete

AP Premium Series Asphalt

MADE
IN THE USA

BEST



Size	Asphalt Part #
14" X .125"	AP9014125
18" X .125"	AP9018125
20" X .140"	AP9020140
24" X .155"	AP9024155
26" X .155"	AP9026155
30" X .187"	AP9030187
36" X .187"	AP9036187

- Premium series for walk behind saws
- Laser welded
- Wet cutting
- Best used on asphalt, or is good on green concrete

AP Premium Series Overlay

MADE
IN THE USA

BEST



Size	Overlay Part #
14" X .125"	AP10014125
18" X .125"	AP10018125
20" X .140"	AP10020140
24" X .155"	AP10024155
26" X .155"	AP10026155
30" X .187"	AP10030187
36" X .187"	AP10036187

- Premium series for walk behind saws
- Laser welded
- Wet cutting
- Best used on asphalt over cured concrete



CURED HARD ROCK BLADES



65 - 110 HP Saws Recommended CATALOG SERIES

SIZES	C4562	C4564
14 X 125	C456214125	C456414125
14 X 140	C456214140	C456414140
14 X 155	C456214155	C456414155
14 X 250	C456214250	C456414250
16 X 125	C456216125	C456416125
16 X 140	C456216140	C456416140
16 X 155	C456216155	C456416155
18 X 125	C456218125	C456418125
18 X 155	C456218155	C456418155
18 X 165	C456218165	C456418165
20 X 125	C456220125	C456420125
20 X 140	C456220140	C456420140
20 X 155	C456220155	C456420155
20 X 165	C456220165	C456420165
20 X 187	C456220187	C456420187
22 X 165	C456222165	C456422165
24 X 155	C456224155R	C456424155R
24 X 165	C456224165R	C456424165R
24 X 250	C456224250	C456424250
26 X 155	C456226155R	C456426155R
26 X 165	C456226165R	C456426165R
26 X 187	C456226187R	C456426187R
28 X 187	C456228187R	C456428187R
30 X 165	C456230165R	C456430165R
30 X 187	C456230187R	C456430187R
32 X 165	C456232165R	C456432165R
32 X 187	C456232187R	C456432187R
36 X 165	C456236165R	C456436165R
36 X 187	C456236187R	C456436187R
42 X 187	C456242187R	C456442187R
48 X 220	C456248220R	C456448220R
54 X 220	C456254220R	C456454220R
60 X 220	C456260220R	C456460220R

PART NUMBERS WITH R AT THE END HAVE RECESS
SEGMENT UNDERCUT PROTECTION

Product Spec Description

C4562 Very hard fine grained aggregate, flint & chert with steel

C4564 Hard flint aggregate with steel and longer life



STRAIGHT AND CIRCLE LOOP BLADES



Loop Cutting Blades

Loop saw blades are specifically designed for cutting traffic loops. Both straight and circular loop saw blades are available in a variety of asphalt and concrete bonds. Retipping is available on most circle cutting cores. Other sizes and thicknesses are also available.

MADE
IN THE USA



LOOP SAW BLADE

STRAIGHT LINE TRAFFIC LOOP SAWING

CATALOG SERIES

SIZES	TLC4510	TLC	TLA4520	TLA
APPLICATION	Concrete		Asphalt	
BLADE TYPE	Straight	Straight	Straight	Straight
12 X 250	TLC451012250	TLC12250	TLA452012250	TLA12250
12 X 375	TLC451012375	TLC12375	TLA452012375	TLA12375
14 X 250	TLC451014250	TLC14250	TLA452014250	TLA14250
14 X 375	TLC451014375	TLC14375	TLA452014375	TLA14375
14 X 500	TLC451014500	TLC14500	TLA452014500	TLA14500
18 X 250	TLC451018250	TLC18250	TLA452018250	TLA18250
18 X 375	TLC451018375	TLC18375	TLA452018375	TLA18375
18 X 500	TLC451018500	TLC18500	TLA452018500	TLA18500

CIRCLE TRAFFIC LOOP SAWING

CATALOG SERIES

SIZES	TLC4510	TLA4520
APPLICATION	Concrete	Asphalt
BLADE TYPE	Circle Loop	Circle Loop
14 X 250	TLC451014250C	TLA452014250C
14 X 375	TLC451014375C	TLA452014375C
14 X 500	TLC451014500C	TLA452014500C
18 X 250	TLC451018250C	TLA452018250C
18 X 375	TLC451018375C	TLA452018375C
18 X 500	TLC451018500C	TLA452018500C

MADE
IN THE USA



LOOP SAW BLADE (CIRCLE)



JOINT WIDENING BLADES



SIZES	Low HP JW20	Hard Rock JW30	Long Life JW50
CATALOG SERIES #			
12" X .187"	JW2012187	JW3012187	JW5012187
12" X .220"	JW2012220	JW3012220	JW5012220
12" X .250"	JW2012250	JW3012250	JW5012250
12" X .310"	JW2012310	JW3012310	JW5012310
12" X .375"	JW2012375	JW3012375	JW5012375
12" X .500"	JW2012500	JW3012500	JW5012500
14" X .187"	JW2014187	JW3014187	JW5014187
14" X .220"	JW2014220	JW3014220	JW5014220
14" X .250"	JW2014250	JW3014250	JW5014250
14" X .310"	JW2014310	JW3014310	JW5014310
14" X .375"	JW2014375	JW3014375	JW5014375
14" X .500"	JW2014500	JW3014500	JW5014500
16" X .187"	JW2016187	JW3016187	JW5016187
16" X .220"	JW2016220	JW3016220	JW5016220
16" X .250"	JW2016250	JW3016250	JW5016250
16" X .310"	JW2016310	JW3016310	JW5016310
16" X .375"	JW2016375	JW3016375	JW5016375
16" X .500"	JW2016500	JW3016500	JW5016500
18" X .187"	JW2018187	JW3018187	JW5018187
18" X .220"	JW2018220	JW3018220	JW5018220
18" X .250"	JW2018250	JW3018250	JW5018250
18" X .310"	JW2018310	JW3018310	JW5018310
18" X .375"	JW2018375	JW3018375	JW5018375
18" X .500"	JW2018500	JW3018500	JW5018500
20" X .375"	JW2020375	JW3020375	JW5020375

Product Spec Description

JW20 Faster cutting Joint blade with lower HP saws

JW30 Hard aggregate, flint chert for fast cutting

JW50 Softer abrasive aggregate for longer life



ASPHALT BLADES



CATALOG SERIES

SIZES	A3855	A3860	A3865	A3870
14 X 125	A385514125-DR	A386014125	A386514125	A387014125-DR
14 X 140	A385514140-DR	A386014140	A386514140	A387014140-DR
14 X 155	A385514155-DR	A386014155	A386514155	A387014155-DR
14 X 187	A385514187-DR	A386014187	A386514187	A387014187-DR
16 X 125	A385516125-DR	A386016125	A386516125	A387016125-DR
16 X 140	A385516140-DR	A386016140	A386516140	A387016140-DR
16 X 155	A385516155-DR	A386016155	A386516155	A387016155-DR
16 X 187	A385516187-DR	A386016187	A386516187	A387016187-DR
18 X 125	A385518125-DR	A386018125	A386518125	A387018125-DR
18 X 140	A385518140-DR	A386018140	A386518140	A387018140-DR
18 X 155	A385518155-DR	A386018155	A386518155	A387018155-DR
18 X 187	A385518187-DR	A386018187	A386518187	A387018187-DR
20 X 125	A385520125-DR	A386020125	A386520125	A387020125-DR
20 X 140	A385520140-DR	A386020140	A386520140	A387020140-DR
20 X 155	A385520155-DR	A386020155	A386520155	A387020155-DR
20 X 165	A385520165-DR	A386020165	A386520165	A387020165-DR
20 X 187	A385520187-DR	A386020187	A386520187	A387020187-DR
24 X 125	A385524125-DR	A386024125	A386524125	A387024125-DR
24 X 140	A385524140-DR	A386024140	A386524140	A387024140-DR
24 X 155	A385524155-DR	A386024155	A386524155	A387024155-DR
24 X 165	A385524165-DR	A386024165	A386524165	A387024165-DR
26 X 155	A385526155-DR	A386026155	A386526155	A387026155-DR
26 X 165	A385526165-DR	A386026165	A386526165	A387026165-DR
26 X 187	A385526187-DR	A386026187	A386526187	A387026187-DR
30 X 155	A385530155-DR	A386030155	A386530155	A387030155-DR
30 X 165	A385530165-DR	A386030165	A386530165	A387030165-DR
30 X 187	A385530187-DR	A386030187	A386530187	A387030187-DR
36 X 165	A385536165-DR	A386036165	A386536165	A387036165-DR
36 X 187	A385536187-DR	A386036187	A386536187	A387036187-DR
42 X 155	A385542155-DR	A386042155	A386542155	A387042155-DR
42 X 187	A385542187-DR	A386042187	A386542187	A387042187-DR
48 X 187	A385548187-DR	A386048187	A386548187	A387048187-DR
54 X 187	A385554187-DR	A386054187	A386554187	A387054187-DR

Product Spec Description

- A3855 Hard granite, quartz trap rock, great life, fast cutting
- A3860 Medium hard & Hard aggregate and fast cutting
- A3865 Medium hard & Hard aggregate and longer life
- A3870 Great life in Granite and hard and soft limestone

MAD
IN THE USA





<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>

CATALOG SERIES

SIZES	G4570	G4540	G4545	G4564
14 X 125	G457014125NV	G454014125NV	G454514125NV	G456414125NV
14 X 140	G457014140NV	G454014140NV	G454514140NV	G456414140NV
14 X 155	G457014155NV	G454014155NV	G454514155NV	G456414155NV
14 X 187	G457014187NV	G454014187NV	G454514187NV	G456414187NV
14 X 220	G457014220NV	G454014220NV	G454514220NV	G456414220NV
14 X 250	G457014250NV	G454014250NV	G454514250NV	G456414250NV
16 X 125	G457016125NV	G454016125NV	G454516125NV	G456416125NV
16 X 140	G457016140NV	G454016140NV	G454516140NV	G456416140NV
16 X 155	G457016155NV	G454016155NV	G454516155NV	G456416155NV
16 X 187	G457016187NV	G454016187NV	G454516187NV	G456416187NV
16 X 220	G457016220NV	G454016220NV	G454516220NV	G456416220NV
16 X 250	G457016250NV	G454016250NV	G454516250NV	G456416250NV
18 X 125	G457018125NV	G454018125NV	G454518125NV	G456418125NV
18 X 140	G457018140NV	G454018140NV	G454518140NV	G456418140NV
18 X 155	G457018155NV	G454018155NV	G454518155NV	G456418155NV
18 X 187	G457018187NV	G454018187NV	G454518187NV	G456418187NV
20 X 125	G457020125NV	G454020125NV	G454520125NV	G456420125NV
20 X 140	G457020140NV	G454020140NV	G454520140NV	G456420140NV
20 X 155	G457020155NV	G454020155NV	G454520155NV	G456420155NV
20 X 165	G457020165NV	G454020165NV	G454520165NV	G456420165NV
20 X 187	G457020187NV	G454020187NV	G454520187NV	G456420187NV

Undercut protection core available

Product Spec Description

- G4570 Hard granite, quartz trap rock, great life, fast cutting
 G4540 Fast cutting chert very long life
 G4545 Fast cutting, limestone and granite aggregate
 G4564 Limestone, granite and hard limestone, fast and long life





FRESH CUT EARLY ENTRY BLADES

100% COMPATIBLE WITH SOFF-CUT™ SAWS



BEST



Size	PURPLE Part #	RED Part #	ORANGE Part #	YELLOW Part #	BLACK Part #
6 X .100	P6100	R6100	O6100	Y6100	B6100
6 X .225	P6225	R6225	O6225	Y6225	B6225
6.5 X .100	P65100	R65100	O65100	Y65100	B65100
7 X .100	P7100	R7100	O7100	Y7100	B7100
8 X .100	P8100	R8100	O8100	Y8100	B8100
10 X .100	P10100	R10100	O10100	Y10100	B10100
10 X .165	P10165	R10165	O10165	Y10165	B10165
10 X .187	P10187	R10187	O10187	Y10187	B10187
10 X .220	P10220	R10220	O10220	Y10220	B10220
10 X .250	P10250	R10250	O10250	Y10250	B10250
12 X .120	P12120	R12120	O12120	Y12120	B12120
12 X .165	P12165	R12165	O12165	Y12165	B12165
12 X .220	P12220	R12220	O12220	Y12220	B12220
12 X .250	P12250	R12250	O12250	Y12250	B12250
13.5 X .120	P135120	R135120	O135120	Y135120	B135120
13.5 X .165	P135165	R135165	O135165	Y135165	B135165
13.5 X .187	P135187	R135187	O135187	Y135187	B135187
13.5 X .220	P135220	R135220	O135220	Y135220	B135220
13.5 X .250	P135250	R135250	O135250	Y135250	B135250
PAVER BLADE	PURPLE	RED	ORANGE	YELLOW	BLACK
14 X .120	PV10014120	PV30014120	PV40014120	PV50014120	PV60014120

PURPLE SERIES BLADES ARE DESIGNED FOR USE ON VERY HARD AGGREGATES WITH NON-ABRASIVE SAND.

ORANGE SERIES BLADES ARE DESIGNED FOR USE ON MEDIUM AGGREGATES WITH MEDIUM ABRASIVE SAND.

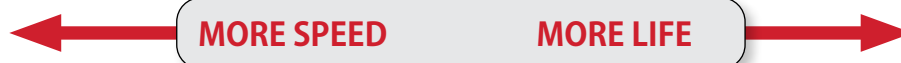
BLACK SERIES BLADES ARE DESIGNED FOR USE ON SOFT AGGREGATES WITH ABRASIVE SAND.

RED SERIES BLADES ARE DESIGNED FOR USE ON MEDIUM TO HARD AGGREGATES WITH MEDIUM ABRASIVE SAND.

YELLOW SERIES BLADES ARE DESIGNED FOR USE ON MEDIUM AGGREGATES WITH MEDIUM ABRASIVE SAND.

BOLD = STOCK ITEM

LIGHT = MORE LIMITED AVAILABILITY OR SPECIAL ORDER





FRESH CUT NEXT DAY BLADES

100% COMPATIBLE WITH SOFF-CUT™ SAWS

Size	Part #
6 X .100	FC8246100
6 X .225	FC8246225
6.5 X .100	FC82465100
7 X .100	FC8247100
8 X .100	FC8248100
10 X .100	FC82410100
10 X .165	FC82410165
10 X .187	FC82410187
10 X .220	FC82410220
10 X .250	FC82410250
12 X .120	FC82412120
12 X .165	FC82412165
12 X .220	FC82412220
12 X .250	FC82412250
13.5 X .120	FC824135120
13.5 X .165	FC824135165
13.5 X .187	FC824135187
13.5 X .220	FC824135220
13.5 X .250	FC824135250

BOLD = STOCK ITEM

LIGHT = MORE LIMITED AVAILABILITY
OR SPECIAL ORDER

*SOFF-CUT™ is a registered trademark of Soff-Cut International, Inc & Husqvarna Construction Product



BEST



Next Day Fresh Cut Blades are designed for when you miss the early entry cutting window. These blade provide you with a speed of cut to finish your joints quickly.

DGC Dry Green Concrete

Size	Part #
6 X .100 X 1 - 5/8	DGC6
7 X .100 X 1 - 5/8	DGC7
8 X .100 X 1 - 5/8	DGC8
9 X .100 X 1 - 5/8	DGC9
10 X .110 X 1 - 5/8	DGC10110
12 X .110 X 1 - 5/8	DGC12110
14 X .110 X 1	DGC14110
14 X .125 X 1	DGC14125
14 X .250 X 1	DGC14250
16 X .125 X 1	DGC16125

- Use DGC blades for early entry sawing when concrete is less than 24 hours old.
- Concrete less than 48 hours old generally cuts as green concrete.
- Concrete older than 48 hours generally cuts as cured concrete.
- Arbor is 1" with 7/8" and 5/8" adaptors on 7", 8", 9" and 10" blades.



BEST





FRESH CUT SKID PLATES



STANDARD STYLE

Size	Standard Style Part #
6" TO 8" BLADES X .100" WIDE	SKID6-8
6" X .225" WIDE	SKID6-8X250
10" BLADES X .100" WIDE	SKID10
10" BLADES X .165" -.187" WIDE	SKID10X187
10" BLADES X .220" -.250" WIDE	SKID10X250
12" TO 13.5" BLADES X .120" WIDE	SKID12-14
12" TO 13.5" BLADES X .165" -.187" WIDE	SKID12-14X.187
12" TO 13.5" BLADES X .220" -.250" WIDE	SKID135250
14" BLADES X .120" WIDE	SKID14

Fit on older models saws with removable pins. Compatible with vacuum system



CLIP STYLE

Size	Clip Style Part #
6" TO 8" BLADES X .100" WIDE	SKID6-8-C
10" BLADES X .100" WIDE	SKID10-C
12" TO 13.5" BLADES X .120" WIDE	SKID12-14-C
12" TO 13.5" BLADES X .220" -.250" WIDE	SKID135250-C

Fit on newer models saws with non-removable pins



CURB CUTTING BLADES



CATALOG SERIES

SIZES	FAST CC4035	ALL AROUND CC4040	LONG LIFE CC4060
24 X 187	CC403524187	CC404024187	CC406024187
24 X 220	CC403524220	CC404024220	CC406024220
28 X 220	CC403528220	CC404028220	CC406028220
28 X 250	CC403528250	CC404028250	CC406028250
30 X 187	CC403530187	CC404030187	CC406030187
30 X 220	CC403530220	CC404030220	CC406030220
30 X 250	CC403530250	CC404030250	CC406030250
36 X 187	CC403536187	CC404036187	CC406036187
36 X 220	CC403536220	CC404036220	CC406036220
42 X 187	CC403542187	CC404042187	CC406042187
42 X 220	CC403542220	CC404042220	CC406042220
42 X 250	CC403542250	CC404042250	CC406042250

ALL BLADES COME STANDARD WITH A LONGYEAR BOLT HOLE PATTERN (LYBHP).

Product Spec Description

- CC4035 Fast cutting Curb cut with hard basalt and quartz aggregate
- CC4040 Limestone to Granite aggregate
- CC4060 Limestone medium hard granite aggregate for longer life



HAND SAW BLADES - WET CUTTING



<<<<< HARDER CONCRETE

SOFTER CONCRETE >>>>>

CATALOG SERIES

CATALOG SERIES #	H4015	H4025	H4028
14" x .125"	H401514125	H402514125	H402814125
14" x .165"	H401514165	H402514165	H402814165
14" x .187"	H401514187	H402514187	H402814187
14" x .235"	H401514235	H402514235	H402814235
14" x .250"	H401514250	H402514250	H402814250
16" x .125"	H401516125	H402516125	H402816125
16" x .165"	H401516165	H402516165	H402816165
16" x .187"	H401516187	H402516187	H402816187
16" x .220"	H401516220	H402516220	H402816220
16" x .235"	H401516235	H402516235	H402816235
16" x .250"	H401516250	H402516250	H402816250
20" x .125"	H401520125	H402520125	H402820125
20" x .140"	H401520140	H402520140	H402820140
20" x .165"	H401520165	H402520165	H402820165
20" x .220"	H401520220	H402520220	H402820220
20" x .235"	H401520235	H402520235	H402820235
20" x .250"	H401520250	H402520250	H402820250
20-5/8" x .125"	H401521125	H402521125	H402821125
20-5/8" x .140"	H401521140	H402521140	H402821140
20-5/8" x .165"	H401521165	H402521165	H402821165
20-5/8" x .230"	H401521230	H402521230	H402821230
24" x .125"	H401524125	H402524125	H402824125
24" x .140"	H401524140	H402524140	H402824140
24" x .165"	H401524165	H402524165	H402824165
24" x .187"	H401524187	H402524187	H402824187
24" x .235"	H401524235	H402524235	H402824235
30" x .155"	H401530155	H402530155	H402830155
30" x .165"	H401530165	H402530165	H402830165

Product Spec Description

- H4015 Fast cutting with air saws
- H4025 Fast cutting, granite and blue stone concrete with steel
- H4028 Split Segment for medium hard concrete and steel

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IN THE USA




WALL SAW BLADES - WET CUTTING



<<<< HARDER CONCRETE				SOFTER CONCRETE >>>>		REVOLUTION
CATALOG SERIES #						
CATALOG SERIES #	W4015	W4025	W4035	W4040	W4055	W7638
24" x .187"	W401524187	W402524187	W403524187	W404024187	W405524187	W763824187
24" x .220"	W401524220	W402524220	W403524220	W404024220	W405524220	W763824220
24" x .235"	W401524235	W402524235	W403524235	W404024235	W405524235	W763824235
24" x .250"	W401524250	W402524250	W403524250	W404024250	W405524250	W763824250
26" x .187"	W401526187	W402526187	W403526187	W404026187	W405526187	W763826187
26" x .220"	W401526220	W402526220	W403526220	W404026220	W405526220	W763826220
26" x .235"	W401526235	W402526235	W403526235	W404026235	W405526235	W763826235
26" x .250"	W401526250	W402526250	W403526250	W404026250	W405526250	W763826250
30" x .187"	W401530187	W402530187	W403530187	W404030187	W405530187	W763830187
30" x .220"	W401530220	W402530220	W403530220	W404030220	W405530220	W763830220
30" x .235"	W401530235	W402530235	W403530235	W404030235	W405530235	W763830235
30" x .250"	W401530250	W402530250	W403530250	W404030250	W405530250	W763830250
32" x .187"	W401532187	W402532187	W403532187	W404032187	W405532187	W763832187
32" x .220"	W401532220	W402532220	W403532220	W404032220	W405532220	W763832220
32" x .235"	W401532235	W402532235	W403532235	W404032235	W405532235	W763832235
32" x .250"	W401532250	W402532250	W403532250	W404032250	W405532250	W763832250
36" x .187"	W401536187	W402536187	W403536187	W404036187	W405536187	W763836187
36" x .220"	W401536220	W402536220	W403536220	W404036220	W405536220	W763836220
36" x .235"	W401536235	W402536235	W403536235	W404036235	W405536235	W763836235
36" x .250"	W401536250	W402536250	W403536250	W404036250	W405536250	W763836250
42" x .187"	W401542187	W402542187	W403542187	W404042187	W405542187	W763842187
42" x .220"	W401542220	W402542220	W403542220	W404042220	W405542220	W763842220
42" x .235"	W401542235	W402542235	W403542235	W404042235	W405542235	W763842235
42" x .250"	W401542250	W402542250	W403542250	W404042250	W405542250	W763842250
48" x .187"	W401548187	W402548187	W403548187	W404048187	W405548187	W763848187
48" x .220"	W401548220	W402548220	W403548220	W404048220	W405548220	W763848220
48" x .235"	W401548235	W402548235	W403548235	W404048235	W405548235	W763848235
48" x .250"	W401548250	W402548250	W403548250	W404048250	W405548250	W763848250
54" x .220"	W401554220	W402554220	W403554220	W404054220	W405554220	W763852220
54" x .235"	W401554235	W402554235	W403554235	W404054235	W405554235	W763855235
54" x .250"	W401554250	W402554250	W403554250	W404054250	W405554250	W763855250
60" x .220"	W401560220	W402560220	W403560220	W404060220	W405560220	W763860220
60" x .235"	W401560235	W402560235	W403560235	W404060235	W405560235	W763860235
60" x .250"	W401560250	W402560250	W403560250	W404060250	W405560250	W763860260
63" x .220"	W401563220	W402563220	W403563220	W404063220	W405563220	W763863220
72" x .220"	W401572220	W402572220	W403572220	W404072220	W405572220	W76387220
72" x .235"	W401572235	W402572235	W403572235	W404072235	W405572235	W763872235
79" x .220"	W401579220	W402579220	W403579220	W404079220	W405579220	W763899220
79" x .235"	W401579235	W402579235	W403579235	W404079235	W405579235	W763879235

Product Spec Description

- W4015 Air saws, fast cutting 5 layer segments above 0.220" thick blades
- W4025 Fast cutting all purpose wall saw blade in most aggregates
- W4035 Hard limestone to granite aggregate improved life
- W4040 Hard aggregate with quartz and bazalt aggregate and heavy steel
- W4055 Hard flint and chert aggregate with steel, great life!
- W7638 Revolution fastest cutting blade

STANDARD ARBOR IS 1"
W/DPH + LONG YEAR.
ALL OTHER ARBOR PATTERNS ARE
AVAILABLE UPON REQUEST.



DIAMOND WIRE



DIAMOND WIRE

Dixie Diamond Manufacturing offers multiple **DIAMOND WIRE** solutions to cut a wide range of aggregate ranging from abrasive concrete to challenging heavy steel applications. Our wire is rubber coated with spring spacers between the beads along with bead crimps to hold the beads in place during challenging cutting applications, delivering a high performance balance of fast cutting and longer life.

DIAMOND WIRE OFFERING

Part Number	Bead Size	Beads per Meter	Mfg Process	Drive Description
WIRE-12RS-40-10.5	10.5 MM	40	Sintered	High Performance for cutting wide variety of aggregate and rebar
WIRE-13RS-40-10.5	10.5 MM	40	Hybrid Sintered & Vacuum Brazed	High Performance for increased speed and life cutting a wide variety of aggregate and rebar
WIRE-V20RS-44-10.2	10.2 MM	44	Vacuum Brazed	High Performance for cutting heavy steel applications
WIRE-32RS-71-8	8.0 MM	71	Sintered	Rescue wire

**20%
FASTER &
LONGER LIFE**

**Offered in standard lengths of 50 and 100 feet. Additional lengths available by request.*

ACCESSORIES & TOOLS

Part Number	Bead Size
Wire Crimp Inside Thread	OD9MM x ID5.2MM x 20MM Crimp Steel Threaded
Wire Crimp Flexible	OD9.4MM x ID5.2MM x 33MM Crimp Non-Threaded
DWC9255	OD9MM x ID5.2MM x 25MM Long Crimp Steel Threaded
Crimping Tool	Crimping Tool with Carrying Case
MK-8	8MM Die Set Crimper
Wire Crimp Rescue	OD7.5mm x ID4.2mm x 18L

RING SAW BLADES & WIRE BRUSH

Ring Saw Blades

Tech Notes

- Wet cutting diamond blade for all ring saw applications
- Use for precutting or following chaincuts
- Drive Wheel Included with each blade

CORE GROOVE COUNT	CUTTING DEPTH	SIZE	RS10	RS25	RS-MATRIX
1 Groove	10"	14x155	N/A	N/A	RS-MATRIX-14155
	10"	14x165	RS1014165	RS2514165	N/A
	10"	14x220	N/A	N/A	RS-MATRIX-14220
	10"	14x235	RS1014235	RS2514235	N/A
	12.8"	17x165	RS1017165	RS2517165	N/A
	12.8"	17x235	RS1017235	RS2517235	N/A
DRIVE WHEEL			DRIVE14		
3 Grooves	11.75"	16x165	RS1016165	RS2516235	N/A
DRIVE WHEEL			DRIVE16		
2 Grooves	12"	16x165	RS1016165W	N/A	N/A
	12"	16x235	RS1016235W	N/A	N/A
DRIVE WHEEL			DRIVE16W		



RS10



RS25



RS-MATRIX

Bond Selections:

RS10: Very Hard Concrete

RS25: General Purpose

RS-MATRIX: Matrix arrayed diamonds, faster cutting in all materials

Wire Brush

Size	Part Number
12" X .375" X 1"	WBRUSH12

DESCRIPTION

Use our Wire Joint Brush for general purpose brushing of joint or crack cleaning in concrete or asphalt. The brush has an oil tempered steel wire with a 3/8" face width. Some machine models may require modification to accept a wire joint brush. Wire brush requires 5/8" minimum blade clamping thickness. Use only on low horsepower flat saws.



CURED CONCRETE GENERAL PURPOSE BLADES



SINTERED SEGMENTS

El Toro

Size	Part #
12" X .125" X 1"-20MM	12SEG
12" X .125" X 20MM	12SEG20
14" X .125" X 1"-20MM	14SEG
14" X .125" X 20MM	14SEG20

10 & 20 PIECE PRICING AVAILABLE

- General purpose
- Fast, smooth cutting
- Concrete, block, brick, pavers, stone
- Wet or dry cutting

GOOD



NCS

Size	Part #
------	--------

16" X .125" X 1"-20MM NCS16125

10 & 20 PIECE PRICING AVAILABLE

- General purpose
- Laser welded
- Fast, smooth cutting
- Concrete, block, brick, pavers, stone
- Wet or dry cutting

BETTER



DSLP18

Size	Part #
12" X .125" X 1"-20MM	DSLP1812125
12" X .187" X 1"	DSLP1812187
12" X .250" X 1"	DSLP1812250
14" X .125" X 1"-20MM	DSLP1814125
14" X .187" X 1"	DSLP1814187
14" X .250" X 1"	DSLP1814250
16" X .125" X 1"-20MM	DSLP1816125
18" X .125" X 1"	DSLP1818125
20" X .125" X 1"	DSLP1820125

- General purpose
- Laser welded
- Fast, smooth cutting
- Concrete, block, brick, pavers, stone
- Wet or dry cutting

HIGHLIGHTS

- Laser Welded
- DRY or WET cut with all of these blades.
- EQUIPMENT to be used is a high-speed hand-held saw, masonry saw or 5-13HP concrete saw.
- OTHER MATERIALS to cut include; brick pavers, retaining wall block and precast.

BEST





MULTIPURPOSE BLADES - WET OR DRY

DSG

Size	Part #
12" X .125" X 1"-20MM	DSG12125
14" X .125" X 1"-20MM	DSG14125
16" X .125" X 1"-20MM	DSG16125
18" X .125" X 1"	DSG18125
20" X .125" X 1"	DSG20125

- General purpose
- Laser welded
- Fast, smooth cutting
- Concrete, block, brick, pavers, stone
- Wet or dry cutting



BETTER



MULTIPURPOSE BLADES - WET OR DRY



Dual Blade

Concrete, Asphalt, Brick & Block



BEST

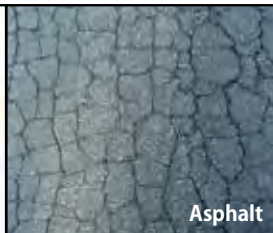


Size	Part #
12" X .125" X 1"-20MM	DUAL12125
14" X .125" X 1"-20MM	DUAL14125
16" X .125" X 1"-20MM	DUAL16125
18" X .125" X 1"	DUAL18125
20" X .125" X 1"	DUAL20125

- General purpose
- Laser welded
- Fast, smooth cutting
- Concrete, block, brick, pavers, stone
- Wet or dry cutting



Brick



Asphalt



Landscape Block



Block



Concrete





MASONRY GENERAL PURPOSE BLADES

Bulldog Blade

GOOD


BRICK, CONCRETE, ASPHALT, BLOCK, CONCRETE PAVERS & GRANITE

"It takes a bite out of anything!"

Size	Part #
12" X .125" X 1"-20MM	DAWG12125
14" X .125" X 1"-20MM	DAWG14125
16" X .125" X 1"-20MM	DAWG16125

- Aggressive cutting
- Alternating standard and turbo segmented design
- Turbo cooling core
- Wet or dry cutting

ALTERNATING STANDARD & TURBO SEGMENTS FOR HIGH SPEED CUTTING WITH TURBO COOLING CORE

NCSM


BETTER


Size	Part #
12" X .125" X 1-20MM	NCSM12125
14" X .125" X 1-20MM	NCSM14125
20" X .125" X 1	NCSM20125

10 & 20 PIECE PRICING AVAILABLE

- Fast, smooth cutting
- Laser welded
- Use on brick, block, & pavers
- Wet or dry cutting

PDS Combo

BEST


Size	Part #
PDS-COMBO-12	12" X .125" X 1" - 20 MM
PDS-COMBO-14	14" X .125" X 1" - 20 MM
PDS-COMBO-16	16" X .125" X 1" - 20 MM
PDS-COMBO-18	18" X .140" X 1"
PDS-COMBO-20	20" X .140" X 1"

- Premium slanted-segmented blade
- Deep core segments provide undercut protection for cutting asphalt
- Premium bond design allows for the cutting of concrete, brick and block.
- Wet or dry cutting



SPECIALTY MASONRY BLADES



DSLPU 100

BRICK, CLAY, CONCRETE PAVERS & GRANITE

Size	Part #
10" X .110" X 5/8 -1"	DSLPU10010110
12" X .110" X 1"-20MM	DSLPU10012110
14" X .115" X 1"-20MM	DSLPU10014115
20" X .140" X 1"	DSLPU10020140
24" X .155" X 1"	DSLPU10024155

- Fast, smooth cutting
- Laser welded
- Premium brick & paver blade
- Wet or dry cutting



BEST



**GREAT FOR
GRANITE**

Hardscaper



CONCRETE, BRICK, PAVERS, BLOCK,
LANDSCAPE BLOCK & STONE

Size	Part #
12" X .125" X 1"-20MM	HS12125
14" X .125" X 1"-20MM	HS14125
16" X .125" X 1"-20MM	HS16125

- Designed for landscape professionals
- Laser welded
- Wet or dry cutting

BEST



SUGGESTED TYPES OF STONE INCLUDES:
FIELDSTONE, FLAGSTONE, LIMESTONE, SLATE



SPECIALTY APPLICATION BLADES

Magnum Blade / Pipe Cutter / Fire & Rescue

BEST


Size	Part #
4" X 7/8-5/8"	MAGNUM-4
4.5" X 7/8-5/8"	MAGNUM-4.5
7" X 7/8-5/8"	MAGNUM-7
10" X .090" - 5/8"	MAGNUM-10
12" X .125" X 1" - 20 MM	MAGNUM-12
14" X .125" X 1" - 20 MM	MAGNUM-14
16" X .125" X 1" - 20 MM	MAGNUM-16

- Premium vacuum-brazed blade
- Cuts ductile and plastic pipe and may be used for limited cutting of cast iron, metal roofs, steel studs and rebar.
- Silicon carbide on sides to eliminate pinching
- Use as a fire & rescue blade
- Wet or dry cutting



Ductile Iron

BEST


Size	Part #
12" X .100" X 1"	DUCT12
12" X .100" X 20MM	DUCT1220
14" X .100" X 1"	DUCT14
14" X .100" X 20MM	DUCT1420
16" X .125" X 1"	DUCT16
16" X .125" X 20MM	DUCT1620

- Cuts ductile iron and cast iron.
- Turbo segments help cool blade.
- Use on high speed saws.



RESCUE/DEMOLITION BLADE



Size	Part #
RESCUE-14	14" X .250" X 1"/20 MM

BEST


- Cuts: drywall, wood, fire doors, sheet metal, auto body panels, etc.
- The RESCUE BLADE is a segmented blade with carbide chips designed to cut through a wide variety of materials
- Perfect for: Roofers, Demo Crews, Renovators, Landscapers, Rescue Units, Wrecker and Recycle Companies

ASPHALT BLADES - WET OR DRY



El Toro Asphalt

GOOD



Size	Part #
12" X .125" X 1"-20MM	AE12125
14" X .125" X 1"-20MM	AE14125
14" X .125" X 20MM	AE1412520

10 & 20 PIECE PRICING AVAILABLE

- Fast, smooth cutting
- Asphalt, block, green concrete
- Wet or dry cutting

NCSA



BETTER



Size	Part #
12" X .125" X 1"-20MM	NCSA12125
14" X .125" X 1"-20MM	NCSA14125

10 & 20 PIECE PRICING AVAILABLE

- Fast, smooth cutting
- Laser welded
- Asphalt, block, green concrete
- Wet or dry cutting



ASPHALT BLADES

DSLP77

Size	Part #
12" X .125" X 1"-20MM	DSLP7712125
14" X .125" X 1"-20MM	DSLP7714125
14" X .187" X 1"	DSLP7714187
14" X .250" X 1"	DSLP7714250
16" X .125" X 1"-20MM	DSLP7716125
18" X .125" X 1"	DSLP7718125
20" X .125" X 1"	DSLP7720125

- Fast, smooth cutting
- Laser welded
- Asphalt, block, green concrete
- Wet or dry cutting
- Slant segment for undercut protection



SLANT SEGMENTS



TURBO & SEGMENTED BLADES



Segmented Blades

- Designed for use on circular saws and grinders
- Cut a wide range of material
- Excellent for cutting concrete and masonry materials.


BETTER

BEST


Size	Part #	Part #
4" X .080" X 7/8" - 5/8"	SS4	SR4
4.5" X .080" X 7/8" - 5/8"	SS4.5	SR4.5
5" X .080" X 7/8" - 5/8"	SS5	SR5
6" X .080" X 7/8" - 5/8"	SS6	SR6
7" X .090" X DM7/8"-5/8"	SS7	SR7
8" X .090" X DM7/8"-5/8"	SS8	SR8
9" X .090" X DM7/8"-5/8"	SS9	SR9
10" X .090" X DM7/8"-5/8"	SS10	SR10

Turbo Blades

- Designed for use on circular saws and grinders
- Cut a wide range of material
- Excellent for cutting hard materials including: concrete with wire mesh and masonry materials.


BETTER

BEST


Size	Part #	Part #
4" X .080" X 7/8" - 5/8"	TR4	TP4
4.5" X .080" X 7/8" - 5/8"	TR4.5	TP4.5
5" X .080" X 7/8" - 5/8"	TR5	TP5
6" X .080" X 7/8" - 5/8"	TR6	TP6
7" X .090" X DM7/8"-5/8"	TR7	TP7
8" X .090" X DM7/8"-5/8"	TR8	TP8
9" X .090" X DM7/8"-5/8"	TR9	TP9
10" X .090" X DM7/8"-5/8"	TR10	TP10
12" X .110" X 1"	TR12	TP12
14" X .110" X 1"	TR14	TP14



TUCK POINT BLADES

Tuck Pointing Blades

- Used to remove mortar from masonry joints
- Choose your grade based upon the size of your job and frequency of use
- Higher grades will provide longer life


BETTER

BEST


Size	Part #	Part #
4" X .250" X 7/8" - 5/8"	TUK104	TUK204
4" X .375" X 7/8" - 5/8"		TUK204375
4" X .500" X 7/8" - 5/8"		TUK204500
4.5" X .250" X 7/8" - 5/8"	TUK104.5	TUK204.5
4.5" X .375" X 7/8" - 5/8"		TUK204.5375
5" X .250" X 7/8" - 5/8"	TUK105	TUK205
5" X .375" X 7/8" - 5/8"		TUK205375
7" X .250" X 7/8" - 5/8"	TUK107	TUK207
7" X .375" X 7/8" - 5/8"		TUK207375
8" X .250" X 7/8" - 5/8"	TUK108	TUK208

Tuck Pointing Blades Split Design

BEST


Size	Part #
4" X .250" X 7/8-5/8" TUK10S	TUK104S
4.5" X .250" X 7/8-5/8" TUK10S	TUK104.5S

CRACK CHASER/TILE BLADES/FLOOR GRINDING HEADS

Crack Chasers

Size	Part #
4" X .375" X 7/8" - 5/8"	CCS4375
4" X .375" X 5/8" - 11" THREAD	CCS4375THRD
4" X .500" X 5/8" - 11" THREAD	CCS4500THRD
5" X .375" X 7/8" - 5/8"	CCS5375
7" X .375" X 7/8" - 5/8"	CCS7375
7" X .500" X 7/8" - 5/8"	CCS7500
8" X .375" X 7/8" - 5/8"	CCS8375
8" X .375" X 1" W/DP	CCS8375-1DP

- Use to widen cracks in concrete
- Tapered segment
- Available with 5/8" - 11 thread


BEST


Tile Saw Blades

Smooth continuous rims provide chip free cutting.

Materials to cut with tile blades:

- Wall, Floor and Counter top tile
- Ceramic
- Porcelain
- Glass
- Natural Stone

Size	Standard	
	Dry	Wet
4" X .060" X 7/8" - 5/8"	T704	T204
4.5" X .060" X 7/8" - 5/8"	T704.5	T204.5
5" X .060" X 7/8" - 5/8"	T705	T205
6" X .060" X 5/8"	T706	T206
7" X .060" X 5/8"	T707	T207
8" X .060" X 5/8"	T708	T208
9" X .060" X 5/8"	T709	T209
10" X .060" X 5/8"	T7010	T2010
12" X .080" X 1"	T7012	T2012
14" X .080" X 1"	T7014	T2014


BEST


CGH Grinding Heads

CGH - Diamond Concrete Grinding Heads are used for grinding concrete and finishes from floors. Hole pattern is designed to fit most floor grinding machines. 4 holes are 3/8" - 24 fine machine thread, and other 4 holes are 25/64" counter-sunk. Arbor is 3/4".

Item	Part #
Medium to Hard Concrete	
10 SEGMENTED HEAD	CGH10
20 SEGMENTED HEAD	CGH20
Abrasive Concrete, Green Concrete or Asphalt	
10 SEGMENTED HEAD	CGH10A
20 SEGMENTED HEAD	CGH20A


BEST




CUP WHEELS

USE FOR GRINDING CONCRETE • FORM MARK REMOVAL • USE ON ANGLE GRINDERS

Segmented Cup Wheels

GOOD



NON-THREADED



THREADED SHORT HUB



THREADED TALL HUB

Size	NON-THREADED Part # 7/8" to 5/8"	SHORT HUB Part #	TALL HUB Part #
		Threaded 5/8" - 11"	
4" X 1 ROW	SCG14	SCG14THRD	DSC-4SSTD
4" X 2 ROWS	SCG24	SCG24THRD	DSC-4DSTD
5" X 1 ROW	SCG15	SCG15THRD	DSC-5SSTD
5" X 2 ROWS	SCG25	SCG25THRD	DSC-5DSTD
7" X 1 ROW	SCG17	SCG17THRD	DSC-7SSTD
7" X 2 ROWS	SCG27	SCG27THRD	DSC-7DSTD

BETTER



Size	NON-THREADED Part # 7/8" to 5/8"	SHORT HUB Part #	TALL HUB Part #
		Threaded 5/8" - 11"	
4" X 1 ROW	DCG14	DCG14THRD	DSC-4S
4" X 2 ROWS	DCG24	DCG24THRD	DSC-4D
7" X 1 ROW	DCG17	DCG17THRD	DSC-7S
7" X 2 ROWS X 7/8" - 5/8"	DCG27	DCG27THRD	DSC-7D

SPIRAL CUP WHEELS



Spiral Cup Wheels

BEST



Size	NON-THREADED Part # 7/8" to 5/8"	SHORT HUB Part #	TALL HUB Part #
		Threaded 5/8" - 11"	
4" X 9 SEGS	SPC49	SPC49THRD	DT-FAN-4-9
4" X 18 SEGS	SPC418	SPC418THRD	DT-FAN-4-18
7" X 12 SEGS	SPC712	SPC712THRD	DT-FAN-7-12
7" X 24 SEGS	SPC724	SPC724THRD	DT-FAN-7-24

CORE DRILLING BITS



SMALL DIAMETER CROWN BITS CURED CONCRETE



CROWN BITS SUPER PREMIUM FOR CONCRETE



Crown Segment for small diameter holes in cured concrete with heavy steel.

Nominal Diameter	Drill Depth	HUB Thread	CBSP
3/8	6	5/8"-11	CBSP375
1/2	14	5/8"-11	CBSP500
5/8	14	5/8"-11	CBSP625
3/4	14	5/8"-11	CBSP750
7/8	14	5/8"-11	CBSP875
1	14	5/8"-11	CBSP1000
1 1/8	14	5/8"-11	CBSP1125
1 1/4	14	5/8"-11	CBSP1250
1 3/8	14	5/8"-11	CBSP1375
1 1/2	14	5/8"-11	CBSP1500
1 5/8	14	1-1/4"-7	CBSP1625
1 3/4	14	1-1/4"-7	CBSP1750
1 7/8	14	1-1/4"-7	CBSP1875

CROWN BITS DOUBLE POINT FOR CONCRETE



Crown Segment has a V-Groove to increase drilling speed in low steel applications.

Nominal Diameter	Drill Depth	HUB Thread	CBDP - DOUBLE POINT
3/8	14	5/8"-11	CBDP-3/8
1/2	14	5/8"-11	CBDP-1/2
5/8	14	5/8"-11	CBDP-5/8
3/4	14	5/8"-11	CBDP-3/4
7/8	14	5/8"-11	CBDP-7/8
1	14	5/8"-11	CBDP-1
1 1/8	14	5/8"-11	CBDP-1 1/8
1 1/4	14	5/8"-11	CBDP-1 1/4
1 3/8	14	5/8"-11	CBDP-1 3/8
1 1/2	14	5/8"-11	CBDP-1 1/2
1 5/8	14	1-1/4"-7	CBDP-1 5/8
1 3/4	14	1-1/4"-7	CBDP-1 3/4
1 7/8	14	1-1/4"-7	CBDP-1 7/8

WET CORE BITS/RED BEAVER BITS



Nominal Diameter	Drill Depth	# of Segs	BV	# of Seg. Wide Space
2	14	4	BV2000	
2 1/4	14	5	BV2250	
2 1/2	14	6	BV2500	
2 3/4	14	6	BV2750	
3	14	7	BV3000	
3 1/4	14	7	BV3250	
3 1/2	14	7	BV3500	
4	14	9	BV4000	
4 1/4	14	9	BV4250	
4 1/2	14	9	BV4500	
4 3/4	14	10	BV4750	
5	14	11	BV5000	
5 1/2	14	11	BV5500	
6	14	12	BV6000	
6 1/2	14	13	BV6500	
7	14	14	BV7000	
8	14	14	BV8000	
9	14	15	BV9000	12
10	14	16	BV10000	13
11	14	17	BV11000	14
12	15	19	BV12000	15
14	17	22	BV14000	16
15	18	23	BV15000	18
BITS BELOW HAVE ULTRA SPOKE BACK TUBES AND CAPS				
16	18	25	BV16000	20
18	20	28	BV18000	23
20	22	32	BV20000	26
22	22	35	BV22000	28
24	22	38	BV24000	30
26	22	38	BV26000	33
28	22	40	BV28000	35
30	34	44	BV30000	37
32	34	47	BV32000	40
34	34	50	BV34000	42
36	34	52	BV36000	45
38	34	55	BV38000	48
40	34	58	BV40000	50
42	34	60	BV42000	52
44	34	63	BV44000	55
46	34	66	BV46000	58
48	34	70	BV48000	60
50	34	72	BV50000	62
52	34	75	BV52000	64
54	34	78	BV54000	66
56	34	80	BV56000	68
58	34	82	BV58000	70
60	34	85	BV60000	72

FEATURES

- WIDE SPACED SEGMENT LAYOUT AVAILABLE FOR INCREASING CORING SPEED. ADD -WS TO THE END OF THE Part #
- PRESTRESS LAYOUT IS AVAILABLE ON REQUEST.



WET CORE BITS/GREEN BEAVER BITS

Nominal Diameter	Drill Depth	# of Segs	BVU	# of Seg. Wide Space
2	14	4	BV2000-U	
2 1/4	14	5	BV2250-U	
2 1/2	14	6	BV2500-U	
2 3/4	14	6	BV2750-U	
3	14	7	BV3000-U	
3 1/4	14	7	BV3250-U	
3 1/2	14	8	BV3500-U	
4	14	10	BV4000-U	
4 1/4	14	10	BV4250-U	
4 1/2	14	11	BV4500-U	
4 3/4	14	12	BV4750-U	
5	14	12	BV5000-U	
5 1/2	14	13	BV5500-U	
6	14	14	BV6000-U	
6 1/2	14	15	BV6500-U	
7	14	15	BV7000-U	
8	14	16	BV8000-U	
9	14	20	BV9000-U	12
10	14	22	BV10000-U	13
11	14	23	BV11000-U	14
12	15	25	BV12000-U	15
14	17	28	BV14000-U	16
15	18	28	BV15000-U	18
BITS BELOW HAVE ULTRA SPOKE BACK TUBES AND CAPS				
16	18	30	BV16000-U	20
18	20	35	BV18000-U	23
20	22	39	BV20000-U	26
22	22	43	BV22000-U	28
24	22	46	BV24000-U	30
26	22	48	BV26000-U	33
28	22	50	BV28000-U	35
30	34	54	BV30000-U	37
32	34	58	BV32000-U	40
34	34	62	BV34000-U	42
36	34	64	BV36000-U	45
38	34	68	BV38000-U	48
40	34	72	BV40000-U	50
42	34	74	BV42000-U	52
44	34	78	BV44000-U	55
46	34	81	BV46000-U	58
48	34	86	BV48000-U	60
50	34	88	BV50000-U	62
52	34	92	BV52000-U	64
54	34	96	BV54000-U	66
56	34	98	BV56000-U	68
58	34	100	BV58000-U	70
60	34	105	BV60000-U	72

FEATURES

- WIDE SPACED SEGMENT LAYOUT AVAILABLE FOR INCREASING CORING SPEED. ADD -WS TO THE END OF THE Part #
- PRESTRESS LAYOUT IS AVAILABLE ON REQUEST.



WET CORE BITS/THE TWISTER



Nominal Diameter	Drill Depth	# of Segs	TB	# of Seg. Wide Space
2	14	4	TB2000	
2 1/4	14	5	TB2250	
2 1/2	14	6	TB2500	
2 3/4	14	6	TB2750	
3	14	7	TB3000	
3 1/4	14	7	TB3250	
3 1/2	14	7	TB3500	
4	14	9	TB4000	
4 1/4	14	9	TB4250	
4 1/2	14	9	TB4500	
4 3/4	14	10	TB4750	
5	14	11	TB5000	
5 1/2	14	11	TB5500	
6	14	12	TB6000	
6 1/2	14	13	TB6500	
7	14	14	TB7000	
8	14	14	TB8000	
9	14	15	TB9000	12
10	14	16	TB10000	13
11	14	17	TB11000	14
12	15	19	TB12000	15
14	17	22	TB14000	16
15	18	23	TB15000	18
BITS BELOW HAVE ULTRA SPOKE BACK TUBES AND CAPS				
16	18	25	TB16000	20
18	20	28	TB18000	23
20	22	32	TB20000	26
22	22	35	TB22000	28
24	22	38	TB24000	30
26	22	38	TB26000	33
28	22	40	TB28000	35
30	34	44	TB30000	37
32	34	47	TB32000	40
34	34	50	TB34000	42
36	34	52	TB36000	45
38	34	55	TB38000	48
40	34	58	TB40000	50
42	34	60	TB42000	52
44	34	63	TB44000	55
46	34	66	TB46000	58
48	34	70	TB48000	60
50	34	72	TB50000	62
52	34	75	TB52000	64
54	34	78	TB54000	66
56	34	80	TB56000	68
58	34	82	TB58000	70
60	34	85	TB60000	72

FEATURES

- WIDE SPACED SEGMENT LAYOUT AVAILABLE FOR INCREASING CORING SPEED. ADD -WS TO THE END OF THE Part #
- PRESTRESS LAYOUT IS AVAILABLE ON REQUEST.



BTS CORE BITS CURED CONCRETE - THE BOSS (HARD ROCK)

Nominal Diameter	Drill Depth	# of Segs	BTS	# of Seg. Wide Space
2	14	4	BTS2000	
2 1/4	14	5	BTS2250	
2 1/2	14	6	BTS2500	
2 3/4	14	6	BTS2750	
3	14	7	BTS3000	
3 1/4	14	7	BTS3250	
3 1/2	14	7	BTS3500	
4	14	9	BTS4000	
4 1/4	14	9	BTS4250	
4 1/2	14	9	BTS4500	
4 3/4	14	10	BTS4750	
5	14	11	BTS5000	
5 1/2	14	11	BTS5500	
6	14	12	BTS6000	
6 1/2	14	13	BTS6500	
7	14	14	BTS7000	
8	14	14	BTS8000	
9	14	15	BTS9000	12
10	14	16	BTS10000	13
11	14	17	BTS11000	14
12	15	19	BTS12000	15
14	17	22	BTS14000	16
15	18	23	BTS15000	18
BITS BELOW HAVE ULTRA SPOKE BACK TUBES AND CAPS				
16	18	25	BTS16000	20
18	20	28	BTS18000	23
20	22	32	BTS20000	26
22	22	35	BTS22000	28
24	22	38	BTS24000	30
26	22	38	BTS26000	33
28	22	40	BTS28000	35
30	34	44	BTS30000	37
32	34	47	BTS32000	40
34	34	50	BTS34000	42
36	34	52	BTS36000	45
38	34	55	BTS38000	48
40	34	58	BTS40000	50
42	34	60	BTS42000	52
44	34	63	BTS44000	55
46	34	66	BTS46000	58
48	34	70	BTS48000	60
50	34	72	BTS50000	62
52	34	75	BTS52000	64
54	34	78	BTS54000	66
56	34	80	BTS56000	68
58	34	82	BTS58000	70
60	34	85	BTS60000	72

FEATURES

- WIDE SPACED SEGMENT LAYOUT AVAILABLE FOR INCREASING CORING SPEED. ADD -WS TO THE END OF THE PART NUMBER
- PRESTRESS LAYOUT IS AVAILABLE ON REQUEST.



DOUBLE POINT PREMIUM CORE BITS



Nominal Diameter	Drill Depth	# of Segs	CBDP	# of Seg. Wide Space
2	14	4	CBDP-2	3
2 1/4	14	5	CBDP-2 1/4	4
2 1/2	14	6	CBDP-2 1/2	5
2 3/4	14	6	CBDP-2 3/4	5
3	14	7	CBDP-3	5
3 1/4	14	7	CBDP-3 1/4	5
3 1/2	14	8	CBDP-3 1/2	6
4	14	9	CBDP-4	7
4 1/4	14	9	CBDP-4 1/4	7
4 1/2	14	10	CBDP-4 1/2	8
5	14	11	CBDP-5	8
5 1/2	14	12	CBDP-5 1/2	9
6	14	12	CBDP-6	10
6 1/2	14	13	CBDP-6 1/2	10
7	14	14	CBDP-7	11
8	14	15	CBDP-8	11
9	14	15	CBDP-9	11
10	14	17	CBDP-10	13
11	14	17	CBDP-11	13
12	15	18	CBDP-12	14
13	16	20	CBDP-13	15
14	18	21	CBDP-14	16
15	18	22	CBDP-15	16
16	18	24	CBDP-16	18
18	20	27	CBDP-18	20
20	22	30	CBDP-20	23
22	22	31	CBDP-22	23
24	22	34	CBDP-24	26
26	22	36	CBDP-26	27
28	22	39	CBDP-28	29
30	34	42	CBDP-30	32
32	34	46	CBDP-32	35
34	34	48	CBDP-34	36
36	34	50	CBDP-36	38

FEATURES

- WIDE SPACED SEGMENT LAYOUT AVAILABLE FOR INCREASING CORING SPEED. ADD -LS TO THE END OF THE PART NUMBER
- PRESTRESS LAYOUT IS AVAILABLE ON REQUEST.



SEGMENTS FOR RETIPPING INCLUDES SOLDER



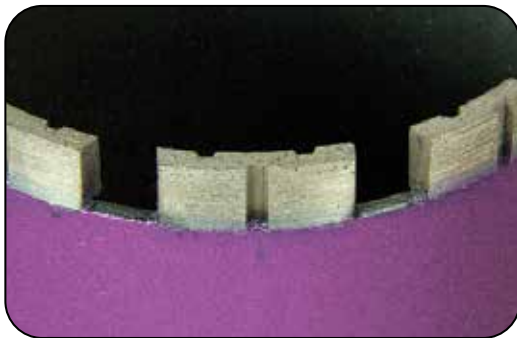
BV SEGMENTS V SHAPED

.475" Diamond Depth		
Diameter	Part No.	Description
2" – 2-3/4"	CVSEG20	1" X .140"
3" – 3-1/4"	CVSEG30	1" X .140"
3-1/2"	CVSEG35	1" X .140"
4" – 4-3/4"	CVSEG40	1" X .150"
5" – 5-1/2"	CVSEG50	1" X .150"
5-3/4" – 6-1/2"	CVSEG60	1" X .160"
7" – 8"	CVSEG80	1" X .175"
9" – 14"	CVSEG120	1" X .220"
15" – 60"	CVSEG1800	1" X .250"



BVU SEGMENTS V SHAPED WITH U NOTCH

.475" Diamond Depth		
Diameter	Part No.	Description
2" – 2-3/4"	CVUSEG225	1" X .140"
3" – 3-1/4"	CVUSEG30	1" X .140"
3-1/2"	CVUSEG35	1" X .140"
4" – 4-3/4"	CVUSEG40	1" X .150"
5" – 5-1/2"	CVUSEG50	1" X .150"
5-3/4" – 6-1/2"	CVUSEG60	1" X .160"
7" – 8"	CVUSEG80	1" X .185"
9" – 14"	CVUSEG1200	1" X .220"
15" – 60"	CVUSEG1800	1" X .250"



TB SEGMENTS TURBO SHAPED

.400" Diamond Depth		
Diameter	Part No.	Description
2" – 2-3/4"	TBSEG225	1" X .140"
3" – 3-1/4"	TBSEG30	1" X .140"
3-1/2"	TBSEG35	1" X .140"
4" – 4-3/4"	TBSEG40	1" X .150"
5" – 5-1/2"	TBSEG50	1" X .150"
5-3/4" – 6-1/2"	TBSEG60	1" X .160"
7" – 8"	TBSEG80	1" X .185"
9" – 14"	TBSEG1200	1" X .220"
15" – 60"	TBSEG1800	1" X .250"



**BTS SEGMENTS SERRATED SHAPED
VERY HARD AGGREGATE**

.375" Diamond Depth		
Nominal Diameter	Part No.	Description
2" – 2-3/4"	BTS-155-20	1" X .155"
3" – 3-1/2"	BTS-155-30	1" X .155"
4" – 4-3/4"	BTS-175-40	1" X .175"
5" – 6"	BTS-175-50	1" X .175"
7" – 10"	BTS-195-70	1" X .195"
11" – 60"	BTS-250-120	1" X .250"

DRY MASONRY BITS



Dry Masonry Bits are designed for use on hand held core drill rigs and some hand drills. Use these bits for coring through BRICK and BLOCK walls only. Commonly used for conduit and other piping.

The BDX series bits use the ARIX™ Diamond Arrangement Technology to provide higher productivity and lower costs per hole.

5/8" - 11 Threaded

9 inch drilling depth

SIZE	BD PART NO.	BDX Part No.
1"	BD1	BDX1
1-1/4"	BD11/4	BDX11/4
1-1/2"	BD11/2	BDX11/2
1-3/4"	BD13/4	BDX13/4
2"	BD2	BDX2
2-1/4"	BD21/4	BDX21/4
2-1/2"	BD21/2	BDX21/2
3"	BD3	BDX3
3-1/2"	BD31/2	BDX31/2
4"	BD4	BDX4
4-1/2"	BD41/2	BDX41/2
5"	BD5	BDX5
6"	BD6	BDX6



BD BIT



BDX BIT

Core Drilling Accessories

Dixie Diamond Manufacturing offers virtually all accessories needed by the pro sawing and drilling contractor.



COPPER WASHER

Part #	Description
BASE GASKET	Foam vacuum base gasket
COPPER-WASHER	Copper anti-lock washer
PUMP CAN-METAL	4 gal metal sprayer can w/ water Q.D.
SLURRY SLURP 10"	Slurry Slurf - large
SLURRY SLURP 5"	Slurry Slurf - small with adapter
SLIDER RING	QUICK RELEASE RING



SLIDER RING



CORE DRILLING ADAPTERS & EXTENSIONS

	Part #	Crown Drilling Adapters & Extensions
	EXT611/4	6" Long Extension 1-1/4" - 7 Female to 1-1/4"-7 Male
	ADJAC	Jacob's Chuck Adapters 5/8" - 11 Male to STRAIGHT Shank
	AD5/8	Adapter 5/8" - 11 Female to 1-1/4" - 7 Male
	EXT125/8	12" Extension 5/8" - 11 Female to 5/8" - 11 Male
	AD11/4	Adapter 1-1/4" - 7 Female to 5/8" - 11 Male
	EXT65/8	6" Extension 5/8" - 11 Female to 5/8" - 11 Male
	EXT1211/4	12" Extension 1-1/4" - 7 Female to 1-1/4" - 7 Male
	Part #	Crown Drilling Adapters & Extensions
	AD5/8BI+	Hilti™ Quick Disconnect Male (6 slot) to 5/8" - 11 Male with BI+ Connection
	AD5/8BU	Hilti™ Quick Disconnect Male (Spline) to 5/8" - 11 Male with BU Connection
	AD11/4BI+	Hilti™ Quick Disconnect Male (6 slot) to 1-1/4" - 7 Male with BI+ Connection
	AD11/4BU	Hilti™ Quick Disconnect Male (Spline) to 1-1/4" - 7 Male with BU Connection
	AD11/4FS	Hilti™ Quick Disconnect Male 1-1/4" - 7 to Female Spline

EQUIPMENT - Diamond Chain Saws - Hydraulic

Part #	890F4 Hydraulic Saws and Consumables
I-566112	ICS 890F4 Powerhead 12GPM, 1 ft hose whips
I-566114	ICS 890F4-FL Powerhead 12GPM, 1 ft hose whips
I-565065	Drive Sprocket 890F4 and 890F4 Power Grit
I-565066	Drive Sprocket 890F4-FL

Part #	890F4/FL Chains and Guidebars Will also work on 853 saws with F4 Drive Sprockets
10"	
I-531745	ProForce-25 Chain 10" Premium L
I-531739	ProForce-25 Chain 10" Premium S
I-529829	Force4 Guidebar 10"
15"	
I-525343	ProForce-29 Chain 15" Premium L
I-531735	ProForce-29 Chain 15" Premium S
I-525344	ProForce-29 Chain 15" Abrasive

Part #	890F4/FL Chains and Guidebars Will also work on 853 saws with F4 Drive Sprockets
20"	
I-531751	ProForce-34 Chain 20" Premium L
I-531741	ProForce-34 Chain 20" Premium S
I-529767	Force4 Guidebar 20"
25"	
I-525346	ProForce-40 Chain 25" Premium L
I-531737	ProForce-40 Chain 25" Premium S
I-525320	Force4 Guidebar 25"



TECHNICAL INFORMATION

MAXIMUM BLADE CUTTING DEPTH

Blade	Diameter	Cutting Depth
CONCRETE SAW BLADES		
	12"	3-3/4"
	14"	4-3/4"
	16"	5-3/4"
	18"	6-3/4"
	20"	7-3/4"
	24"	9-3/4"
	26"	10 3/4"
	30"	12"
	36"	15"
	42"	18"
	48"	20"
HIGH-SPEED SAW BLADES		
	12"	4"
	14"	5"
	16"	6"
WALL SAW BLADES		
	18"	6-1/2"
	24"	9-1/2"
	30"	11-1/2"
	36"	14-1/2"
	42"	17-3/4"
	48"	20-3/4"
MASONRY SAW BLADES		
	14"	5"
	18"	7"
	20"	8"
CONCRETE SAW BLADES		
	6"	1-3/4"
	7"	2-1/4"
	8"	2-3/4"
	9"	3-1/4"
	10"	3-3/4"
HAND SAW BLADES		
	4"	1"
	4-1/2"	1-1/4"
	5"	1-1/2"
	7"	2-1/2"
	8"	3"

Note: Diamond blade cutting depths listed above are approximate. Actual cutting depth will vary with the exact blade diameter or saw type, or diameter of the blade collars (flanges).

BLADE OPERATING SPEEDS

Diameter	Recommended Operating Speed (RPM)	Maximum Safe Operating Speed (RPM)
4	9,072	15,000
4-1/2	8,063	13,300
5	7,257	12,000
6	6,048	10,185
7	5,184	8,730
8	4,536	7,640
9	4,032	6,790
10	3,629	6,115
12	3,024	5,095
12	HS (HIGH-SPEED) – 6,300	
14	2,592	4,365
14	HS (HIGH-SPEED) – 5,400	
16	2,268	3,820
16	HS (HIGH-SPEED) – 4,800	
18	2,016	3,395
20	1,814	3,055
24	1,512	2,550
26	1,396	2,350
28	1,296	2,185
30	1,210	2,040
32	1,134	1,910
36	1,008	1,700
42	864	1,455
48	756	1,275
54	690	990
60	620	890

BIT OPERATING SPEEDS

Diameter	Minimum (RPM)	IDEAL (RPM)	Maximum (RPM)
1	2400	3200	4000
2	1200	1600	2000
3	800	1050	1300
4	600	800	1000
5	475	640	800
6	400	530	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
20	120	160	200
24	100	130	165
26	90	125	150
30	80	105	130
32	75	100	125
34	70	95	120
36	65	85	110
40	60	80	100
42	55	75	95

TROUBLESHOOTING

NOTE: Slow cutting and short blade life are common problems with diamond blades. It is very important to understand that the segment of the blade is designed to wear at a certain rate. That is one of the important factors that makes one blade different from another.

SLOW CUTTING SPEED

- Cause** Usually occurs when a blade is used to cut a material that is too hard for the segment. The hard material wears the exposed diamonds, but not the metal portion of the segment. The segment wears too slowly, no new diamonds are exposed, and you see slow cutting speed.
- Solution** Cut a soft, abrasive material until diamonds are well exposed. Try Asphalt, block, sandstone, or dried mortar. Choose the proper blade for the application.
- Potential** If this problem is allowed to continue, heat builds up and the blade begins to bounce leading to segment loss, core cracks and a very unsafe condition.

SHORT BLADE LIFE

- Cause** Usually occurs when a blade is used to cut a material that is too soft and abrasive for the segment. The abrasive material wears the metal of the segment too fast, and you see short blade life.
- Solution** Specify the correct blade, choose a more wear resistant bond. Check water flow. Make sure blade is rated for the equipment used. Check saw is in good condition.
- Potential** If blade specification is not changed the problem will reoccur. Customer will not get the full life and efficiency of the diamond tool.

CORE OR SEGMENT CRACKS

- Cause** Blade wobbling & vibration due to improper rpm applied on the blade. Blade runs out of round due to machine condition. Blade is too soft or too hard for material. Saw is in need of repair. Blade mounted improperly. Twisting while cutting or attempting to cut curves.
- Solution** Select a properly bonded blade for the material. Check all bearings, belts, shaft and flanges. Check direction of blade travel. Follow guidelines for proper blade operation and cooling procedures.
- Potential** If this problem is allowed to continue it will result in segment loss and possible core destruction. This is an extremely dangerous situation. Do not continue to use the blade.



WOBBLING/WARPED BLADE

- Cause** Lack of cooling water while cutting. Clogged water supply. Blade is out of tension...the steel core is not straight. Wrong size collars or mounted incorrectly. Blade allowed to overheat (bluish black marks). Blade run at improper RPM.
- Solution** Make sure enough cooling water is supplied on the steel core and outer rim of collars. Use the correct sized blade collars. Check flanges are smooth and tight fitting. Follow guidelines for proper blade operation and cooling procedures. Check RPM rating for blade and saw.
- Potential** If this problem is allowed to continue, heat builds up and the blade begins to bounce leading to segment loss, core cracks and a very unsafe condition. Produces poor quality cuts.



UNDERCUTTING

- Cause** Steel core is worn faster than segments by abrasive material being cut.
- Solution** Specify a blade with wear-retardant design. Increase water flow to flush cut.
- Potential** If this problem is allowed to continue, the core will wear out from under the segment and allow the segments to separate.



NOTES

[illegible]

NOTES

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DIXIE DIAMOND



**Founded in 1946, Dixie Diamond Manufacturing
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