

DDM CONCUT

DIAMOND TOOLS



2019
**DISTRIBUTION AND PROFESSIONAL
PRODUCT GUIDE**

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DISCOUNTS

Blades

Bits

Equipment & Parts

Adapters & Accessories

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CURED CONCRETE - WET OR DRY**El Toro Budget Series**

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

**SINTERED SEGMENTS**

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

	Application Performance									
	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

NCS Value Series

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

**COOL TECH TECHNOLOGY • LASER WELDED • 5X MORE LIFE**

Size	Part #
12" X .110" X 1-20MM	NCS12110
14" X .110" X 1-20MM	NCS14110
14" X .125" X 1-20MM	NCS14125
16" X .125" X 1-20MM	NCS16125

10 & 20 PIECE PRICING AVAILABLE

	Application Performance									
	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

BUSHINGS AVAILABLE ON ALL 12"-16" BLADES

Description	Part #
1" OD X 20MM ID X 9.5MM THICK	BUSHING20
1" OD X 20MM ID X 2.5MM THICK	BUSHING20THIN



CURED CONCRETE - WET OR DRY

DMC Series Blades Budget Series

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

RED = BUDGET



Part #	Size
DMC-SG-4	4" X .080" X 7/8-5/8"
DMC-SG-4.5	4.5" X .080" X 7/8-5/8"
DMC-SG-5	5" X .080" X 7/8-5/8"
DMC-SG-6	6" X .080" X 7/8-5/8"
DMC-SG-7	7" X .090" X DM 7/8-5/8"
DMC-SG-8	8" X .090" X DM 7/8-5/8"
DMC-SG-9	9" X .100" X DM 7/8-5/8"
DMC-SG-10	10" X .100" X DM 7/8-5/8"
DMC-GP-12	12" X .125" X 1" OR 20 MM
DMC-GP-14	14" X .125" X 1" OR 20 MM
DMC-GP-16	16" X .125" X 1" - 20 MM
DMC-GP-18	18" X .140" X 1"
DMC-GP-20	20" X .140" X 1"

10 & 20 PIECE PRICING AVAILABLE



Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

DMC2000S

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

YELLOW = VALUE



Part #	Size
DMC2000S-4	4" X .080" X 7/8-5/8"
DMC2000S-4.5	4.5" X .080" X 7/8-5/8"
DMC2000S-5	5" X .080" X 7/8-5/8"
DMC2000S-6	6" X .080" X 7/8-5/8"
DMC2000S-7	7" X .090" X DM 7/8-5/8"
DMC2000S-8	8" X .090" X DM 7/8-5/8"
DMC2000S-9	9" X .100" X DM 7/8-5/8"
DMC2000S-10	10" X .100" X DM 7/8-5/8"
DMC2000S-12	12" X .125" X 1" - 20 MM LASER WELDED
DMC2000S-14	14" X .125" X 1" - 20 MM LASER WELDED
DMC2000S-16	16" X .125" X 1" LASER WELDED
DMC2000S-18	18" X .140" X 1" LASER WELDED
DMC2000S-20	20" X .140" X 1" LASER WELDED

Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

CURED CONCRETE - WET OR DRY**DSG Charger Series**

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

Size	Part #
12" X .110" X U/A	DSG12110
14" X .110" X 1"-20MM	DSG14110
14" X .125" X 1"-20MM	DSG14125
16" X .125" X 1"-20MM	DSG16125
18" X .125" X 1"	DSG18125
20" X .140" X 1"	DSG20140

U/A = UNIVERSAL ARBOR 1" TO 20MM

Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

**DSLPI18 Signature Series**

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

Size	Part #
10" X .110" X 5/8" - 1"	DSLPI1810110
12" X .110" X U/A	DSLPI1812110
12" X .125" X U/A	DSLPI1812125
12" X .187" X 1"	DSLPI1812187
12" X .250" X 1"	DSLPI1812250
14" X .110" X 1"-20MM	DSLPI1814110
14" X .125" X 1"-20MM	DSLPI1814125
14" X .187" X 1"	DSLPI1814187
14" X .250" X 1"	DSLPI1814250
16" X .125" X 1"-20MM	DSLPI1816125
18" X .125" X 1"	DSLPI1818125
20" X .140" X 1"	DSLPI1820140

U/A = UNIVERSAL ARBOR 1" TO 20MM

Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

**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.



MULTI PURPOSE - WET OR DRY



Dual Blade

Concrete, Asphalt, Brick & Block

Note: If cutting Asphalt or Block ONLY, we recommend a material specific blade: Asphalt (pg. 10-11) Brick & Block (pg. 13-15).

Size	Part #
12" X .110" X U/A	DUAL12110
14" X .110" X 1"-20MM	DUAL14110
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

U/A = UNIVERSAL ARBOR 1" TO 20MM

Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										



GT Pro High Speed Blade



- Slanted directional gullets were designed to kick the cuttings away from the joint while keeping the blade cool.
- Free cutting diamond segments designed to cut heavily reinforced concrete such as pilings.
- Includes aggressive "U" segment design for fast cutting variety of materials with reduced friction: Concrete, Pavers, Brick and stone.

Size	Diamond Height	Part #
14 X .125 X 1-20MM	0.450	GTPRO14
16 X .125 X 1-20MM	0.450	GTPRO16

Application Performance

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

CURED CONCRETE - WET OR DRY**Hardscaper Signature Series**

- Designed for landscape professionals
- Wet or dry cutting

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

Size	Part #
12" X .110" X U/A	HS12110
14" X .125" X 1"-20MM	HS14125
16" X .125 X 1"	HS16125
U/A = UNIVERSAL ARBOR 1" TO 20MM	

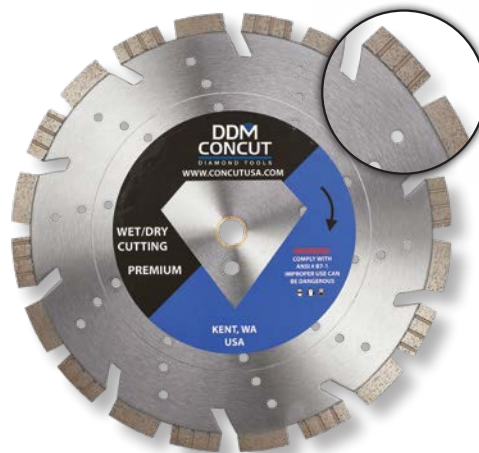
SUGGESTED TYPES OF STONE INCLUDES:
FIELDSTONE, FLAGSTONE, LIMESTONE, SLATE

**Terminator**

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

TERMINATOR - ALTERNATING STANDARD AND TURBO SEGMENTED - PREMIUM

Part #	Description
TERMINATOR-12	12" X .125" X 1" - 20 MM PREMIUM 15 MM
TERMINATOR-14	14" X .125" X 1" - 20 MM PREMIUM 15 MM
TERMINATOR-16	16" X .125" X 1" - 20 MM PREMIUM 15 MM
TERMINATOR-20	20" X .140" X 1" PREMIUM 15 MM

BLUE = PREMIUM**Bulldog Blade**

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

**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

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





PIPE, FIRE & RESCUE, GENERAL PURPOSE

Magnum Blade / Pipe Cutter / Fire & Rescue

- 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

BLUE = PREMIUM

Size	Part #
4" X 7/8-5/8"	MAGNUM-4
4.5" X 7/8-5/8"	MAGNUM-4.5
7" X DM 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



Ductile Iron

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

BLUE = PREMIUM

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



ASPHALT - WET OR DRY**El Toro Asphalt Budget Series**

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



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

	Application Performance									
	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

NCSA Value Series

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



Size	Part #
12" X .110" X 1"-20MM	NCSA12110
14" X .125" X 1"-20MM	NCSA14125

10 PIECE PRICING AVAILABLE

	Application Performance									
	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										



ASPHALT - WET OR DRY

DSLP77 Signature Series

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



Size	Part #
12" X .110" X U/A	DSLP7712110
12" X .125" X U/A	DSLP7712125
14" X .110" X U/A	DSLP7714110
14" X .125" X U/A	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 .140" X 1"	DSLP7720140

U/A = UNIVERSAL ARBOR 1" TO 20MM

Application Performance										
	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										



SLANT SEGMENTS

Dry Asphalt Series

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



YELLOW = VALUE

SDA - VALUE DRY ASPHALT

Size	Part #
SDA30-12	12" X .125" X 1" - 20 MM
SDA30-14	14" X .125" X 1" - 20 MM
SDA30-16	16" X .125" X 1" - 20 MM
SDA30-18	18" X .140" X 1"
SDA30-20	20" X .155" X 1"



BLUE = PREMIUM

PDA - PREMIUM DRY ASPHALT

Size	Part #
PDA30-12	12" X .125" X 1" - 20 MM
PDA30-14	14" X .125" X 1" - 20 MM
PDA30-16	16" X .125" X 1" - 20 MM
PDA30-18	18" X .140" X 1"
PDA30-20	20" X .140" X 1"



WET CUTTING BLADES

HP High Performance

- High Performance Series
- Perfect for small push saws
- Best Performance when wet cutting



GREAT FOR ELECTRIC SLAB SAWS!
5-35 HP SAW RECOMMENDED

Size	Cured Concrete Part #	Asphalt Part #	Overlay Part #
14" X .110" X 1"	HP1014110	-	-
14" X .125" X 1"	HP1014125	HP9014125	HP10014125
16" X .125" X 1"	HP1016125	HP9016125	HP10016125
18" X .125" X 1"	HP1018125	HP9018125	HP10018125
20" X .140" X 1"	HP1020140	HP9020140	HP10020140
24" X .155" X 1"	HP1024155	HP9024155	HP10024155

APPLICATION PERFORMANCE FOR HP10 PRODUCT

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

ASPHALT/OVERLAY/CURED CONCRETE



AP/CP Premium Series

- Premium series for walk behind saws
- Wet cutting
- Recommended 35-75 HP saws



35-72 HP
SAW RECOMMENDED

Size	Cured Concrete Part #	Asphalt Part #	Overlay Part #
14" X .125"	CP1014125	AP9014125	AP10014125
14" X .140"	CP1014140	AP9014140	AP10014140
16" X .125"	CP1016125	AP9016125	AP10016125
16" X .140"	CP1016140	AP9016140	AP10016140
18" X .125"	CP1018125	AP9018125	AP10018125
18" X .140"	CP1018140	AP9018140	AP10018140
20" X .140"	CP1020140	AP9020140	AP10020140
20" X .155"	CP1020155	AP9020155	AP10020155
24" X .155"	CP1024155	AP9024155	AP10024155
24" X .187"	CP1024187	AP9024187	AP10024187
26" X .155"	CP1026155	AP9026155	AP10026155
26" X .187"	CP1026187	AP9026187	AP10026187
30" X .187"	CP1030187	AP9030187	AP10030187
30" X .250"	CP1030250	AP9030250	AP10030250
36" X .187"	CP1036187	AP9036187	AP10036187



MASONRY BLADES - WET OR DRY

NCSM Value Series

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



Size	Part #
12" X .110" X 1-20MM	NCSM12110
14" X .110" X 1-20MM	NCSM14110
14" X .125" X 1-20MM	NCSM14125
20" X .140" X 1	NCSM20140

QUANTITY PRICING AVAILABLE

APPLICATION PERFORMANCE

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										

DSLPU 100 Signature Series

BRICK, CLAY, CONCRETE PAVERS & GRANITE

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

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



**GREAT FOR
GRANITE**

APPLICATION PERFORMANCE

	1	2	3	4	5	6	7	8	9	10
Cured Concrete										
Brick & Pavers										
Block										
Asphalt										
Green Concrete										



U Segment



Brick



Paver



MASONRY BLADES - WET OR DRY

TB Pavers

- Perfect blade to cut 10,000 psi concrete pavers, hard concrete, brick or stone
- Quiet and smooth cutting with long life
- Wet or dry cutting



YELLOW = VALUE



BLUE = PREMIUM

TB PAVERS /TURBO-SEGMENTED-VALUE

Part #	Size
TB-PAVER-10S	10" X .090" X DM 7/8-5/8"
TB-PAVER-12S	12" X .125" X 1" - 20 MM
TB-PAVER-14S	14" X .125" X 1" - 20 MM

TB PAVER /TURBO-SEGMENTED - PREMIUM

Part #	Size
TB-PAVER-4	4" X .085" X 7/8 -5/8"
TB-PAVER-7	7" X .090" X DM 7/8-5/8"
TB-PAVER-10	10" X .090" X DM 7/8-5/8"
TB-PAVER-12	12" X .125" X 1" - 20 MM
TB-PAVER-14	14" X .125" X 1" - 20 MM
TB-PAVER-16	16" X .125" X 1" - 20 MM
TB-PAVER-18	18" X .140" X 1"
TB-PAVER-20	20" X .140" X 1"
TB-PAVER-24	24" X .155" X 1"

RESCUE/DEMOLITION BLADE



- 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



BLUE = PREMIUM

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



MASONRY BLADES - WET OR DRY

TSEG-MAX

- The turbo-segmented design combines the fast, smooth cutting of a turbo blade, with the long life of a segmented blade.
- DDM-CONCUT's TSEG-MAX blades may be run wet or dry.
- Laser Welded

Part #	Size
TSEG-MAX-14	14 X .125 X 1" PREMIUM TURBO SEGMENT 15MM LASER WELDED
TSEG-MAX-16	16 X .125 X 1" PREMIUM TURBO SEGMENT 15MM LASER WELDED



PDS Combo

- 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

Part #	Size
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"



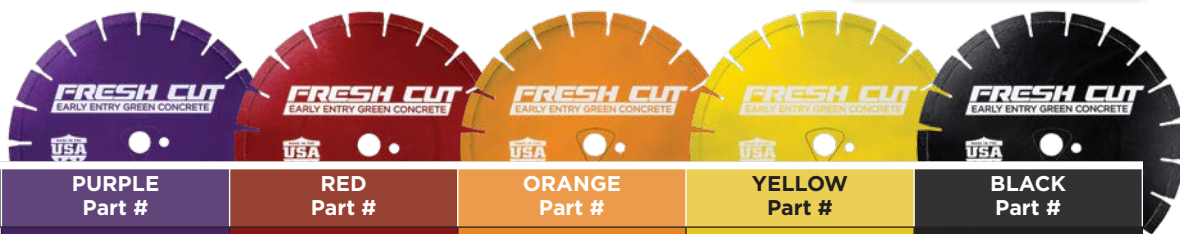


FRESH CUT EARLY ENTRY BLADES

100% COMPATIBLE WITH SOFF-CUT™ SAWS



DISTRIBUTION



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

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.

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



**SPECIAL ARBOR KNOCK-OUT
TO ENSURE PROPER FIT**



SKID PLATES



STANDARD STYLE

Size	Standard Style Part #	Clip Style Part #
6" TO 8" BLADES X .100" WIDE	SKID6-8	SKID6-8-C
6" X .225" WIDE	SKID6-8X250	N/A
10" BLADES X .100" WIDE	SKID10	SKID10-C
10" BLADES X .165" -.187" WIDE	SKID10X187	N/A
10" BLADES X .220" -.250" WIDE	SKID10X250	N/A
12" TO 13.5" BLADES X .120" WIDE	SKID12-14	SKID12-14-C
12" TO 13.5" BLADES X .165" -.187" WIDE	SKID12-14X187	N/A
12" TO 13.5" BLADES X .220" -.250" WIDE	SKID135250	SKID135250-C
14" BLADES X .120" WIDE	SKID14	N/A

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



CUP WHEELS

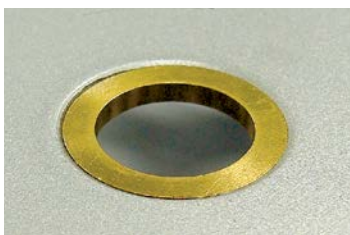
USE FOR GRINDING CONCRETE • FORM MARK REMOVAL • USE ON ANGLE GRINDERS

Segmented Cup Wheels



BUDGET

Size	NON-THREADED Part # 7/8" to 5/8"	SHORT HUB Part #	TALL HUB Part #
		Threaded 5/8" - 11"	
4" X 1 ROW	ECG14	ECG14THRD	DSC-4SE
4" X 2 ROWS	ECG24	ECG24THRD	DSC-4DE
7" X 1 ROW	ECG17	ECG17THRD	DSC-7SE
7" X 2 ROWS	ECG27	ECG27THRD	DSC-7DE



NON-THREADED



THREADED SHORT HUB



THREADED TALL HUB



VALUE

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



PREMIUM

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



PREMIUM



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

Crack Chasers

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

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-IDP



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.



RED = BUDGET



YELLOW = VALUE

Size	Part#	Part#	Part#	Part#
4" X .080" X 7/8" - 5/8"	SS4	DMC-SG-4	SR4	DMC2000S-4
4.5" X .080" X 7/8" - 5/8"	SS4.5	DMC-SG-4.5	SR4.5	DMC2000S-4.5
5" X .080" X 7/8" - 5/8"	SS5	DMC-SG-5	SR5	DMC2000S-5
6" X .080" X 7/8" - 5/8"	SS6	DMC-SG-6	SR6	DMC2000S-6
7" X .090" X DM7/8"-5/8"	SS7	DMC-SG-7	SR7	DMC2000S-7
8" X .090" X DM7/8"-5/8"	SS8	DMC-SG-8	SR8	DMC2000S-8
9" X .090" X DM7/8"-5/8"	SS9	DMC-SG-9	SR9	DMC2000S-9
10" X .090" X DM7/8"-5/8"	SS10	DMC-SG-10	SR10	DMC2000S-10



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.



RED = BUDGET



YELLOW = VALUE

Size	Part#	Part#	Part#	Part#
4" X .080" X 7/8" - 5/8"	TR4	DMC-TB	TP4	DMC2000T-4
4.5" X .080" X 7/8" - 5/8"	TR4.5	DMC-TB-4.5	TP4.5	DMC2000T-4.5
5" X .080" X 7/8" - 5/8"	TR5	DMC-TB-5	TP5	DMC2000T-5
6" X .080" X 7/8" - 5/8"	TR6	DMC-TB-6	TP6	DMC2000T-6
7" X .090" X DM7/8"-5/8"	TR7	DMC-TB-7	TP7	DMC2000T-7
8" X .090" X DM7/8"-5/8"	TR8	DMC-TB-8	TP8	DMC2000T-8
9" X .090" X DM7/8"-5/8"	TR9	DMC-TB-9	TP9	DMC2000T-9
10" X .090" X DM7/8"-5/8"	TR10	DMC-TB-10	TP10	DMC2000T-10
12" X .110" X 1"	TR12	SDT30-12	TP12	PDT30-12
14" X .110" X 1"	TR14	SDT30-14	TP14	PDT30-14





TUCK POINTS BLADES

DISTRIBUTION

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



RED = BUDGET



YELLOW = VALUE

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

Tuck Pointing Blades Split Design

- Used to remove mortar from masonry joints
- Split blade design allows for faster removal rate



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



SPECIALTY BLADES

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



MP900 Wet Refractory

Refractory brick are typically harder and denser than standard brick. They usually contain additives like alumina and silica to make them more resistant to heat and/or chemicals. These bricks are used in furnaces, chimneys, kilns, ovens, and places of high acidity.

Size	Part #
12" X .110" X 1"	MP90012110
14" X .110" X 1"	MP90014110
14" X .125" X 1"	MP90014125
18" X .125" X 1"	MP90018125
20" X .140" X 1"	MP90020140
24" X .155" X 1"	MP90024155





SPECIALTY PRODUCTS

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" countersunk. 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



DGI Diamond Grinding Inserts

The DGI Grinding Shoe Inserts are designed for replacement of the original shoes and bridges used on floor grinders. These inserts are for removing thin layers of coatings without clogging. Grinding Inserts can also be used for smoothing rough, uneven or patched slabs of concrete. Additional applications include leveling and feathering.

Item	Description
DGI	1 GRINDING SHOE INSERT
DGI6	6 PACK GRINDING SHOE INSERTS



DGC Dry Green Concrete

- 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.

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



PROFESSIONAL PRODUCTS

PROFESSIONAL



PROFESSIONAL PRODUCTS

PROFESSIONAL



BOND INFORMATION

PROFESSIONAL

CATALOG SPEC. #	MFG. SPEC. #	RECOMMEND SAW or APPLICATION	Bond Hardness	CSDA AGGREGATE HARDNESS COLORS		
				Soft Limestone, Abrasive concrete	Limestone, Soft Granite, Sand & Blue stone	Granite, Hard limestone, Trap rock
BD4510	259	BRIDGE DECK	XX			X
BD4513	X20ZS	BRIDGE DECK	XXX		X	X
BD4516	220	BRIDGE DECK	XXX		X	X
BD4517	X10MST	BRIDGE DECK	XXXX	X	X	X
C4514	X10RS	GAS 35-60	XX			
C4515	X30PS	GAS 35-60	XXX			X
C4516	X10SS	GAS 35-60	XXXX		X	X
C4517	X20SS	GAS 35-60	XXXXX	X	X	X
C4518	189	GAS 65-110	XXX			X
C4520	479	GAS 65-110	XXX			X
C4521	530	GAS 65-110	XXX		X	X
C4522	372	GAS 65-110	XXXX		X	X
C4523	X30SS	GAS 65-110	XXXXX		X	X
C4524	X20ZS	GAS 65-110	XXXXX		X	X
C4534	552	GAS 65-110	XXXXXX	X	X	X
C4562	292	GAS 65-110	XXX			
C4564	599	GAS 65-110	XXXX			
E10	655	ELECTRIC-10HP	X			X
E20	124	ELECTRIC-20HP	XX			X
E30	187	ELECTRIC-20-30HP	XXX		X	X
E35	X10RS	ELECTRIC-20-30HP	XXX		X	X
E40	189	ELECTRIC-30-40HP	XXXX	X	X	X
CC4035	259	CURB CUT	XX			
CC4040	209	CURB CUT	XXX			X
CC4060	561	CURB CUT	XXXXX	X	X	X
RED	N/A	ECONOMY FLAT SAW	XX			X
BLUE	N/A	ECONOMY FLAT SAW	XXX		X	X
GREEN	N/A	ECONOMY FLAT SAW	XXXX	X	X	
JW20	104/103	JOINT WIDENING	XXX			
JW30	111/292	JOINT WIDENING	XXXX		X	X
JW50	567/568	JOINT WIDENING	XXXXXXX	X	X	X
G4520	292	GREEN CONCRETE	XX			
G4540	112	GREEN CONCRETE	XXX			
G4545	533/294	GREEN CONCRETE	XXXX			X
G4555	592	GREEN CONCRETE	XXXX		X	X
G4564	598	GREEN CONCRETE	XXXXX	X	X	X
G4570	638	GREEN CONCRETE	XXXXXX	X	X	X
A3855	329	ASPHALT	XXX			X
A3860	U205A	ASPHALT	XXXX			X
A3865	U30XA	ASPHALT	XXXX		X	X
A3870	122	ASPHALT	XXXXXX	X	X	X
O3530	107	OVERLAY	XX			X
O3535	429	OVERLAY	XXX		X	X

BOND INFORMATION

PROFESSIONAL

Quartz, River rock, Basalt	Flint, Chert,	APPLICATION DESCRIPTION
X		FAST CUTTING FOR 48+ HP SAWS WITH U SEGMENTS
X		CUT GENERAL AGGREGATE, RECOMMENDED FOR 35HP TO 65 HP
X		GENERAL PURPOSE BLADE IN MOST BRIDGES
		WORKS WELL ON 65HP OR HIGHER HP SAW
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		MEDIUM ABRASIVE AGGREGATE, WITH STEEL LONGER LIFE
		SOFTER ABRASIVE AGGREGATE FOR LONGER LIFE, OVERLAY APPLICATION
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 MEDIM 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
X		GREAT LIFE WITH DECENT SPEED GENERAL PURPOSE OVERLAY, 50/50 CONCRETE & ASPHALT COMBO

BOND INFORMATION

CATALOG SPEC. #	MFG. SPEC. #	RECOMMEND SAW or APPLICATION	Bond Hardness	CSDA AGGREGATE HARDNESS COLORS		
				Soft Limestone, Abrasive concrete	Limestone, Soft Granite, Sand & Blue stone	Granite, Hard limestone, Trap rock
O3540	114	OVERLAY	XXXX	X	X	X
O3545	428	OVERLAY	XXXXX	X	X	
H4015	193	HAND SAW	XX		X	X
H4025	655	HAND SAW	XXX			X
H4027	H2	HAND SAW	XXX		X	X
H4028	5HA	HAND SAW	XXXX	X	X	X
H4035	124	HAND SAW	XXXXX	X	X	X
W4015	115/116	WALL SAW	XX			X
W4025	115/125	WALL SAW	XXX	X	X	X
W4035	117/118	WALL SAW	XXX	X	X	X
W4040	W35/W55	WALL SAW	XXXX			X
W4055	265/266	WALL SAW	XXXXX			
RS10	193	RING SAW	XX			X
RS25	526	RING SAW	XXX	X	X	X
RS30	MATRIX	RING SAW	XXX	X	X	
TLC4510	X10HS	TRAFFIC LOOP	XX			X
TLC	104/103	TRAFFIC LOOP	XXX	X	X	X
TLA4520	U20PA	TRAFFIC LOOP	XXX		X	X
TLA	428/429	TRAFFIC LOOP	XXXX	X	X	X

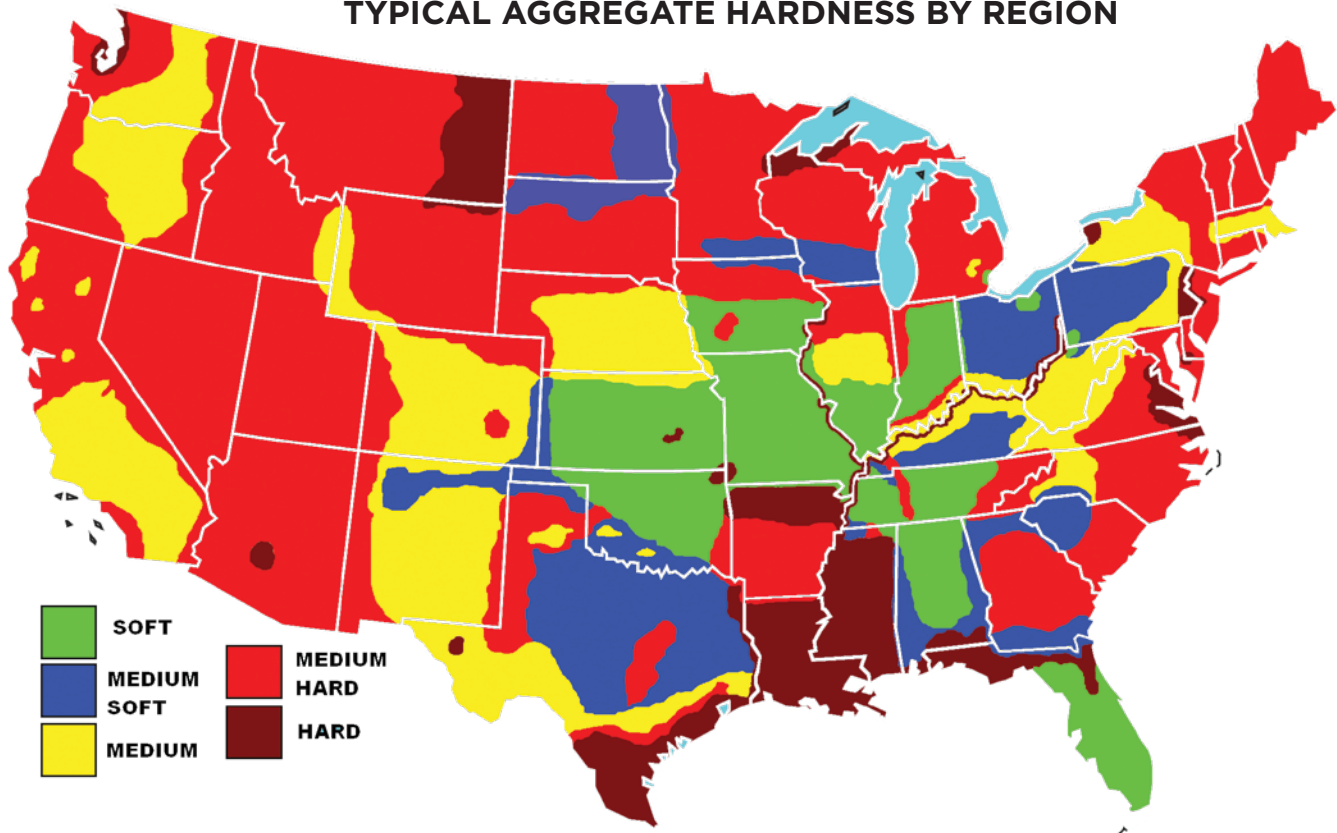
HARDNESS OF AGGREGATE

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
		FOR LIMESTONE AGGREGATE WITH HEAVY ASPHALT CUTTING IN THE CUT
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
		SPLITED 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 BAZALT 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 LONGGER 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

TYPICAL AGGREGATE HARDNESS BY REGION



PRO CURED CONCRETE BLADES - WET CUTTING

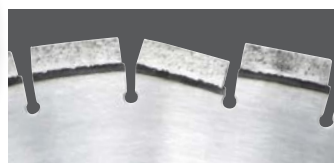
35 - 60 HP Saws Recommended

<<<<< HARDER CONCRETE		SOFTER CONCRETE >>>>>		
CATALOG SERIES #	4514	4515	4516	4517
MFG SPEC #	X10RS	X30PS	X10SS	X20SS
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 #	4514	4515	4516	4517
MFG SPEC #	X10RS	X30PS	X10SS	X20SS
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 #	4518	4520	4521	4522	4523	4524	4534
MFG SPEC #	189	479	530	372	X30SS	X20ZS	552
12 X 125	C451812125	C452012125	C452112125	C452212125	C452312125	C452412125	C453412125
12 X 140	C451812140	C452012140	C452112140	C452212140	C452312140	C452412140	C453412140
12 X 155	C451812155	C452012155	C452112155	C452212155	C452312155	C452412155	C453412155
12 X 165	C451812165	C452012165	C452112165	C452212165	C452312165	C452412165	C453412165
12 X 187	C451812187	C452012187	C452112187	C452212187	C452312187	C452412187	C453412187
12 X 220	C451812220	C452012220	C452112220	C452212220	C452312220	C452412220	C453412220
12 X 250	C451812250	C452012250	C452112250	C452212250	C452312250	C452412250	C453412250
14 X 125	C451814125	C452014125	C452114125	C452214125	C452314125	C452414125	C453414125
14 X 140	C451814140	C452014140	C452114140	C452214140	C452314140	C452414140	C453414140
14 X 155	C451814155	C452014155	C452114155	C452214155	C452314155	C452414155	C453414155
14 X 165	C451814165	C452014165	C452114165	C452214165	C452314165	C452414165	C453414165
14 X 187	C451814187	C452014187	C452114187	C452214187	C452314187	C452414187	C453414187
14 X 220	C451814220	C452014220	C452114220	C452214220	C452314220	C452414220	C453414220
14 X 250	C451814250	C452014250	C452114250	C452214250	C452314250	C452414250	C453414250
16 X 125	C451816125	C452016125	C452116125	C452216125	C452316125	C452416125	C453416125
16 X 140	C451816140	C452016140	C452116140	C452216140	C452316140	C452416140	C453416140
16 X 155	C451816155	C452016155	C452116155	C452216155	C452316155	C452416155	C453416155
16 X 165	C451816165	C452016165	C452116165	C452216165	C452316165	C452416165	C453416165
16 X 187	C451816187	C452016187	C452116187	C452216187	C452316187	C452416187	C453416187
16 X 220	C451816220	C452016220	C452116220	C452216220	C452316220	C452416220	C453416220
16 X 250	C451816250	C452016250	C452116250	C452216250	C452316250	C452416250	C453416250
18 X 125	C451818125	C452018125	C452118125	C452218125	C452318125	C452418125	C453418125
18 X 140	C451818140	C452018140	C452118140	C452218140	C452318140	C452418140	C453418140
18 X 155	C451818155	C452018155	C452118155	C452218155	C452318155	C452418155	C453418155
18 X 165	C451818165	C452018165	C452118165	C452218165	C452318165	C452418165	C453418165
18 X 187	C451818187	C452018187	C452118187	C452218187	C452318187	C452418187	C453418187
18 X 220	C451818220	C452018220	C452118220	C452218220	C452318220	C452418220	C453418220
18 X 250	C451818250	C452018250	C452118250	C452218250	C452318250	C452418250	C453418250
20 X 125	C451820125	C452020125	C452120125	C452220125	C452320125	C452420125	C453420125
20 X 140	C451820140	C452020140	C452120140	C452220140	C452320140	C452420140	C453420140
20 X 155	C451820155	C452020155	C452120155	C452220155	C452320155	C452420155	C453420155
20 X 165	C451820165	C452020165	C452120165	C452220165	C452320165	C452420165	C453420165
20 X 187	C451820187	C452020187	C452120187	C452220187	C452320187	C452420187	C453420187
20 X 220	C451820220	C452020220	C452120220	C452220220	C452320220	C452420220	C453420220
20 X 250	C451820250	C452020250	C452120250	C452220250	C452320250	C452420250	C453420250



Product Spec Description

- C4518 Hard aggregate with heavy steel content
- C4520 Hard aggregate with medium steel content
- C4521 Medium aggregate with medium steel content
- C4522 Medium to soft aggregate light reinforcement
- C4523 Medium aggregate, with steel, longer life
- C4524 Medium abrasive aggregate, with steel, longer life
- C4534 Softer abrasive aggregate for longer life, Overlay application

PRO CURED CONCRETE BLADES - WET CUTTING

65-110 HP Saws Recommended

<<<< HARDER CONCRETE				SOFTER CONCRETE >>>>			
CATALOG SERIES #	4518	4520	4521	4522	4523	4524	4534
MFG SPEC #	189	479	530	372	X30SS	X20ZS	552
24 X 125	C451824125R	C452024125R	C452124125R	C452224125R	C452324125	C452424125	C453424125R
24 X 140	C451824140R	C452024140R	C452124140R	C452224140R	C452324140	C452424140	C453424140R
24 X 155	C451824155R	C452024155R	C452124155R	C452224155R	C452324155	C452424155	C453424155R
24 X 165	C451824165R	C452024165R	C452124165R	C452224165R	C452324165	C452424165	C453424165R
24 X 187	C451824187R	C452024187R	C452124187R	C452224187R	C452324187	C452424187	C453424187R
24 X 220	C451824220R	C452024220R	C452124220R	C452224220R	C452324220	C452424220	C453424220R
24 X 250	C451824250R	C452024250R	C452124250R	C452224250R	C452324250	C452424250	C453424250R
26 X 140	C451826140R	C452026140R	C452126140R	C452226140R	C452326140	C452426140	C453426140R
26 X 155	C451826155R	C452026155R	C452126155R	C452226155R	C452326155	C452426155	C453426155R
26 X 165	C451826165R	C452026165R	C452126165R	C452226165R	C452326165	C452426165	C453426165R
26 X 187	C451826187R	C452026187R	C452126187R	C452226187R	C452326187	C452426187	C453426187R
26 X 200	C451826200R	C452026200R	C452126200R	C452226200R	C452326200	C452426200	C453426200R
26 X 220	C451826220R	C452026220R	C452126220R	C452226220R	C452326220	C452426220	C453426220R
26 X 250	C451826250R	C452026250R	C452126250R	C452226250R	C452326250	C452426250	C453426250R
28 X 140	C451828140R	C452028140R	C452128140R	C452228140R	C452328140	C452428140	C453428140R
28 X 165	C451828165R	C452028165R	C452128165R	C452228165R	C452328165	C452428165	C453428165R
28 X 187	C451828187R	C452028187R	C452128187R	C452228187R	C452328187	C452428187	C453428187R
28 X 200	C451828200R	C452028200R	C452128200R	C452228200R	C452328200	C452428200	C453428200R
28 X 220	C451828220R	C452028220R	C452128220R	C452228220R	C452328220	C452428220	C453428220R
28 X 250	C451828250R	C452028250R	C452128250R	C452228250R	C452328250	C452428250	C453428250R
30 X 155	C451830155R	C452030155R	C452130155R	C452230155R	C452330155	C452430155	C453430155R
30 X 165	C451830165R	C452030165R	C452130165R	C452230165R	C452330165	C452430165	C453430165R
30 X 187	C451830187R	C452030187R	C452130187R	C452230187R	C452330187	C452430187	C453430187R
30 X 200	C451830200R	C452030200R	C452130200R	C452230200R	C452330200	C452430200	C453430200R
30 X 220	C451830220R	C452030220R	C452130220R	C452230220R	C452330220	C452430220	C453430220R
30 X 250	C451830250R	C452030250R	C452130250R	C452230250R	C452330250	C452430250	C453430250R
32 X 155	C451832155R	C452032155R	C452132155R	C452232155R	C452332155	C452432155	C453432155R
32 X 165	C451832165R	C452032165R	C452132165R	C452232165R	C452332165	C452432165	C453432165R
32 X 187	C451832187R	C452032187R	C452132187R	C452232187R	C452332187	C452432187	C453432187R
32 X 200	C451832200R	C452032200R	C452132200R	C452232200R	C452332200	C452432200	C453432200R
32 X 220	C451832220R	C452032220R	C452132220R	C452232220R	C452332220	C452432220	C453432220R
32 X 250	C451832250R	C452032250R	C452132250R	C452232250R	C452332250	C452432250	C453432250R
36 X 155	C451836155R	C452036155R	C452136155R	C452236155R	C452336155	C452436155	C453436155R
36 X 165	C451836165R	C452036165R	C452136165R	C452236165R	C452336165	C452436165	C453436165R
36 X 187	C451836187R	C452036187R	C452136187R	C452236187R	C452336187	C452436187	C453436187R
36 X 200	C451836200R	C452036200R	C452136200R	C452236200R	C452336200	C452436200	C453436200R
36 X 220	C451836220R	C452036220R	C452136220R	C452236220R	C452336220	C452436220	C453436220R
36 X 250	C451836250R	C452036250R	C452136250R	C452236250R	C452336250	C452436250	C453436250R
42 X 155	C451842155R	C452042155R	C452142155R	C452242155R	C452342155	C452442155	C453442155R
42 X 165	C451842165R	C452042165R	C452142165R	C452242165R	C452342165	C452442165	C453442165R
42 X 187	C451842187R	C452042187R	C452142187R	C452242187R	C452342187	C452442187	C453442187R
36 X 250	C451836250R	C452036250R	C452136250R	C452236250R	C452336250	C452436250	C453436250R
42 X 155	C451842155R	C452042155R	C452142155R	C452242155R	C452342155	C452442155	C453442155R
42 X 165	C451842165R	C452042165R	C452142165R	C452242165R	C452342165	C452442165	C453442165R
42 X 187	C451842187R	C452042187R	C452142187R	C452242187R	C452342187	C452442187	C453442187R

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 #	4518	4520	4521	4522	4523C	4524C	4534
MFG SPEC #	189	479	530	372	X30SS	X20ZS	552
42 X 200	C451842200R	C452042200R	C452142200R	C452242200R	C452342200	C452442200	C453442200R
42 X 220	C451842220R	C452042220R	C452142220R	C452242220R	C452342220	C452442220	C453442220R
42 X 250	C451842250R	C452042250R	C452142250R	C452242250R	C452342250	C452442250	C453442250R
48 X 187	C451848187R	C452048187R	C452148187R	C452248187R	C452348187	C452448187	C453448187R
48 X 220	C451848220R	C452048220R	C452148220R	C452248220R	C452348220	C452448220	C453448220R
48 X 250	C451848250R	C452048250R	C452148250R	C452248250R	C452348250	C452448250	C453448250R
54 X 187	C451854187R	C452054187R	C452154187R	C452254187R	C452354187	C452454187	C453454187R
54 X 220	C451854220R	C452054220R	C452154220R	C452254220R	C452354220	C452454220	C453454220R
54 X 250	C451854250R	C452054250R	C452154250R	C452254250R	C452354250	C452454250	C453454250R
60 X 220	C451860220R	C452060220R	C452160220R	C452260220R	C452360220	C452460220	C453460220R
60 X 250	C451860250R	C452060250R	C452160250R	C452260250R	C452360250	C452460250	C453460250R
66 X 220	C451866220R	C452066220R	C452166220R	C452266220R	C452366220	C452466220	C453466220R
66 X 250	C451866250R	C452066250R	C452166250R	C452266250R	C452366250	C452466250	C453466250R
72 X 220	C451872220R	C452072220R	C452172220R	C452272220R	C452372220	C452472220	C453472220R
72 X 250	C451872250R	C452072250R	C452172250R	C452272250R	C452372250	C452472250	C453472250R
80 X 250	C451880250R	C452080250R	C452180250R	C452280250R	C452380250	C452480250	C453480250R

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
 C4522 Medium to soft aggregate light reinforcement

C4523 Medium aggregate, with steel, longer life
 C4524 Medium abrasive aggregate, with steel, longer life
 C4534 Softer abrasive aggregate for longer life, Overlay application



CURED HARD ROCK BLADES

65 - 110 HP Saws Recommended

CATALOG SERIES #	C4562	C4564
MFG SPEC #	292	599
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



PROFESSIONAL

ALIGNED DIAMOND BLADE

SYMMETRY BLADE - WET CUTTING

SIZES	P7 - Aligned Diamonds	
	No Recess	With Recess
18 X 165	P7-18165	
20 X 165	P7-20165	
24 X 165	P7-24165	P7-24165R
24 X 187	P7-24187	P7-24187R
26 X 165	P7-26165	P7-26165R
26 X 187	P7-26187	P7-26187R
28 X 165		P7-28165R
28 X 187	P7-28187	P7-28187R
30 X 165	P7-30165	P7-30165R
30 X 187	P7-30187	P7-30187R
32 X 165		P7-32165R
32 X 187		P7-32187R
36 X 165	P7-36165	P7-36165R
36 X 187	P7-36187	P7-36187R
42 X 187	P7-42187	P7-42187R



Features

- 14 mm usable diamond height
- Pattern Flow Technology for optimum bond performance
- Highest diamond concentration for more life
- Available in .165" and .187" widths

Benefits

- Even diamond distribution for consistent performance
- Total diamond volume alignment on the interior and exterior of the segment
- Lowest cost per inch-foot
- Superior cutting performance



CURB CUTTING BLADES (LYBHP)



CATALOG SERIES #	FAST CC4035	ALL AROUND CC4040	LONG LIFE CC4060
MFG SPEC #	259	209	560
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 medim hard granite aggregate for longer life

BEVEL BLADES

Size	PART NO.
8 X 375	PWC-BEVEL-8375
12 X 375	PWC-BEVEL-12375
14 X 375	PWC-BEVEL-14375
BLADES PRICED INDIVIDUALLY BUT MUST BE RUN IN PAIRS	



Bevel blades are used to cut a bevel angle when cutting joints. Each blade has a 45 degree angle, giving the user a 90 degree bevel in the cut when used in a two blade stacked configuration.



BRIDGE DECK BLADES



PROFESSIONAL

<<<< HARDER CONCRETE		SOFTER CONCRETE >>>>		
CATALOG SERIES #	BD4510	BD4513	BD4516	BD4517
MFG SPEC #	259	X20ZS	220	X10MST
18 X 165	BD451018165	BD451318165	BD451618165	BD451718165
18 X 187	BD451018187	BD451318187	BD451618187	BD451718187
18 X 220	BD451018220	BD451318220	BD451618220	BD451718220
18 X 250	BD451018250	BD451318250	BD451618250	BD451718250
20 X 165	BD451020165	BD451320165	BD451620165	BD451720165
20 X 187	BD451020187	BD451320187	BD451620187	BD451720187
20 X 250	BD451020250	BD451320250	BD451620250	BD451720250
24 X 165	BD451024165	BD451324165	BD451624165	BD451724165
24 X 187	BD451024187	BD451324187	BD451624187	BD451724187
24 X 220	BD451024220	BD451324220	BD451624220	BD451724220
24 X 250	BD451024250	BD451324250	BD451624250	BD451724250
26 X 165	BD451026165	BD451326165	BD451626165	BD451726165
26 X 187	BD451026187	BD451326187	BD451626187	BD451726187
26 X 220	BD451026220	BD451326220	BD451626220	BD451726220
26 X 250	BD451026250	BD451326250	BD451626250	BD451726250
30 X 165	BD451030165	BD451330165	BD451630165	BD451730165
30 X 187	BD451030187	BD451330187	BD451630187	BD451730187
30 X 220	BD451030220	BD451330220	BD451630220	BD451730220
30 X 250	BD451030250	BD451330250	BD451630250	BD451730250
32 X 187	BD451032187	BD451332187	BD451632187	BD451732187
36 X 165	BD451036165	BD451336165	BD451636165	BD451736165
36 X 187	BD451036187	BD451336187	BD451636187	BD451736187
36 X 220	BD451036220	BD451336220	BD451636220	BD451736220
36 X 250	BD451036250	BD451336250	BD451636250	BD451736250
42 X 187	BD451042187	BD451342187	BD451642187	BD451742187
42 X 220	BD451042220	BD451342220	BD451642220	BD451742220
42 X 250	BD451042250	BD451342250	BD451642250	BD451742250
48 X 187	BD451048187	BD451348187	BD451648187	BD451748187
48 X 220	BD451048220	BD451348220	BD451648220	BD451748220
48 X 250	BD451048250	BD451348250	BD451648250	BD451748250
54 X 220	BD451054220	BD451354220	BD451654220	BD451754220
60 X 220	BD451060220	BD451360220	BD451660220	BD451760220

Product Spec Description

BD4510 Hard aggregate with heavy steel content

BD4513 Cut general aggregate, Recommended for 35hp to 65 HP

BD4516 Medium aggregate with medium steel content

BD4517 Works well on 65HP or higher HP Saw

ELECTRIC SAW BLADES

CATALOG SERIES #	E10	E20	E30	E35	E40
MFG SPEC #	655	124	187	X10RS	189
14 X 125	E1014125	E2014125	E3014125	E3514125	E4014125
14 X 125 - Silent	E1014125S	E2014125S	E3014125S	E3514125S	E4014125S
14 X 140	E1014140	E2014140	E3014140	E3514140	E4014140
16 X 125	E1016125	E2016125	E3016125	E3516125	E4016125
16 X 140	E1016140	E2016140	E3016140	E3516140	E4016140
16 X 155	E1016155	E2016155	E3016155	E3516155	E4016155
18 X 125	E1018125	E2018125	E3018125	E3518125	E4018125
18 X 140	E1018140	E2018140	E3018140	E3518140	E4018140
18 X 140 - Silent	E1018140S	E2018140S	E3018140S	E3518140S	E4018140S
18 X 155	E1018155	E2018155	E3018155	E3518155	E4018155
20 X 125	E1020125	E2020125	E3020125	E3520125	E4020125
20 X 125 - Silent	E1020125S	E2020125S	E3020125S	E3520125S	E4020125S
20 X 140	E1020140	E2020140	E3020140	E3520140	E4020140
20 X 140 - Silent	E1020140S	E2020140S	E3020140S	E3520140S	E4020140S
20 X 155	E1020155	E2020155	E3020155	E3520155	E4020155
20 X 155 - Silent	E1020155S	E2020155S	E3020155S	E3520155S	E4020155S
24 X 165	E1024165R	E2024165R	E3024165R	E3524165	E4024165R
24 X 165 - Silent	E1024165RS	E2024165RS	E3024165RS	E3524165S	E4024165RS
26 X 165	E1026165R	E2026165R	E3026165R	E3526165	E4026165R
30 X 165	E1030165R	E2030165R	E3030165R	E3530165	E4030165R

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.

SILENT CORE FEATURES

- 34% Noise reduction over standard cores.
- Vibration reduction increases life and eliminates tension issues.
- Reduction in core cracks preventing catastrophic failures
- Stronger and lighter cores.

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 - U segments
 E20 Granite and hard limestone aggregate - U segments
 E30 General purpose Electric saw with reinforcement
 E35 Medium hard aggregate with steel, Higher HP electric saws
 E40 Hard aggregate with steel and higher HP Electric saws



DIAMOND WIRE

DDM-CONCUT offers both sintered and brazed diamond wire. Sintered wire will generally provide the best life, while brazed wire will give excellent cutting speed and will not lose diameter with use. DDM-CONCUT offers wire that is rubber coated with spring spacers between the beads. Standard bead diameter is 10.5 mm with 40 beads per meter, although different bead sizes and concentrations are available.

BRAZED FEATURES:

- 48 beads per meter
- Bead diameter 10.2 mm
- Lengths: 50 ft. / 100 ft. / Also available above 100 ft. lengths

SINTERED WIRE FEATURES:

- 40 beads per meter
- Bead diameter 10.5 mm
- Lengths: 50 ft. / 100 ft. / Also available above 100 ft. lengths

Part #	WIRE-12RS-40-10.5	WIRE-VRS-40-10.2
WIRE TYPE	SINTERED	BRAZED
BEAD DIAMETER	10.5MM	10.2MM
BEAD QTY	40/M	40/M
LENGTHS	50 FT. / 100 FT. ALSO AVAILABLE ABOVE 100 FT. LENGTHS	50 FT. / 100 FT. ALSO AVAILABLE ABOVE 100 FT. LENGTHS

ACCESSORIES

Description	Part #
OD9MM X ID5.2MM X 20MM CRIMP STEEL THREADED	WIRE CRIMP INSIDE THREAD
OD9.4MM X ID5.2MM X 33MM CRIMP NON-THREADED	WIRE CRIMP FLEXIBLE
OD9MM X ID5.2MM X 25MM LONG CRIMP STEEL THREADED	DWC925S



TOOLS

Description	Part #
CRIMPING TOOL W/ CARRYING CASE	HT45-E
8MM DIE SET CRIMPER	MK-8



SINTERED WIRE



BRAZED WIRE



THREADED



FLEXIBLE



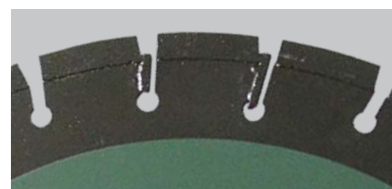
GREEN PRO BLADES

PROFESSIONAL

<<<< HARDER CONCRETE			SOFTER CONCRETE >>>>			
CATALOG SERIES #	G4520	G4540	G4545	G4555	G4564	G4570
MFG SPEC #	292	112	533/294	592	598	638
14 X 125	G452014125	G454014125	G454514125	G455514125	G456414125	G457014125
14 X 140	G452014140	G454014140	G454514140	G455514140	G456414140	G457014140
14 X 155	G452014155	G454014155	G454514155	G455514155	G456414155	G457014155
14 X 187	G452014187	G454014187	G454514187	G455514187	G456414187	G457014187
14 X 220	G452014220	G454014220	G454514220	G455514220	G456414220	G457014220
14 X 250	G452014250	G454014250	G454514250	G455514250	G456414250	G457014250
16 X 125	G452016125	G454016125	G454516125	G455516125	G456416125	G457016125
16 X 140	G452016140	G454016140	G454516140	G455516140	G456416140	G457016140
16 X 155	G452016155	G454016155	G454516155	G455516155	G456416155	G457016155
16 X 187	G452016187	G454016187	G454516187	G455516187	G456416187	G457016187
16 X 220	G452016220	G454016220	G454516220	G455516220	G456416220	G457016220
16 X 250	G452016250	G454016250	G454516250	G455516250	G456416250	G457016250
18 X 125	G452018125	G454018125	G454518125	G455518125	G456418125	G457018125
18 X 140	G452018140	G454018140	G454518140	G455518140	G456418140	G457018140
18 X 155	G452018155	G454018155	G454518155	G455518155	G456418155	G457018155
18 X 187	G452018187	G454018187	G454518187	G455518187	G456418187	G457018187
20 X 125	G452020125	G454020125	G454520125	G455520125	G456420125	G457020125
20 X 140	G452020140	G454020140	G454520140	G455520140	G456420140	G457020140
20 X 155	G452020155	G454020155	G454520155	G455520155	G456420155	G457020155
20 X 165	G452020165	G454020165	G454520165	G455520165	G456420165	G457020165
20 X 187	G452020187	G454020187	G454520187	G455520187	G456420187	G457020187

Product Spec Description

- G4520 Fast and clean cutting chert, rose quartz, optimum life
 G4540 Fast cutting chert very long life
 G4545 Fast cutting, limestone and granite aggregate
 G4555 Abrasive concrete, shoulder cutting blade longer life
 G4564 Limestone, granite and hard limestone, fast and long life
 G4570 Hard granite, quartz trap rock, great life, fast cutting



CARBIDE VERTICAL INSERTS (CVI)
 AVAILABLE ON SPECIAL REQUEST

EXPRESS SERIES BLADES - WET CUTTING

Size	Red	Blue	Green
14" x .125"	RED-14125	BLUE -14125	GREEN-14125
14" x .155"	RED-14155	BLUE -14155	GREEN-14155
16" x .125"	RED-16125	BLUE -16125	GREEN-16125
16" x .155"	RED-16155	BLUE -16155	GREEN-16155
18" x .125"	RED-18125	BLUE -18125	GREEN-18125
18" x .155"	RED-18155	BLUE -18155	GREEN-18155
20" x .125"	RED-20125	BLUE -20125	GREEN-20125
20" x .155"	RED-20155	BLUE -20155	GREEN-20155
24" x .125"	RED-24125	BLUE -24125	GREEN-24125
24" x .155"	RED-24155	BLUE -24155	GREEN-24155
26" x .155"	RED-26155	BLUE -26155	GREEN-26155
30" x .155"	RED-30155	BLUE -30155	GREEN-30155
36" x .155"	RED-36155	BLUE -36155	GREEN-36155
42" x .155"	RED-42155	BLUE -42155	GREEN-42155

Red & Blue Concrete Series

- Segment Height : .394"(10mm)

Green Asphalt Series

- Segment Height : .334"(8.5mm)

Please consider the following information when specifying blades:
Arbor: 1" with pin hole is standard. Louie, Roger, Long Year, and other patterns are available.

Actual Blade Diameters up to 26" are diameters plus segment height.

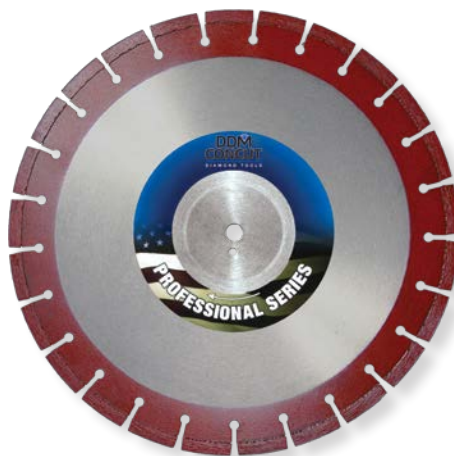


Product Spec Description

RED Concrete, Hard aggregate with medium steel content

BLUE Concrete, General purpose with medium steel content

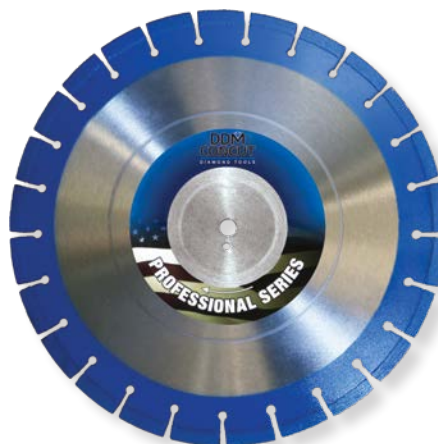
GREEN Asphalt, General purpose



RED



GREEN



BLUE

JOINT WIDENING BLADES



	Low HP	Hard Rock	Long Life
CATALOG SERIES #	JW20	JW30	JW50
MFG SPEC #	104/103	111/292	567/568
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



OVERLAY BLADES

PROFESSIONAL

CATALOG SERIES #	# OF UNDERCUT SEGMENTS & VERTICALS	O3530	O3535	O3540	O3545
MFG SPEC #		107	429	114	428
18 X 165		O353018165	O353518165	O354018165	O354518165
18 X 187		O353018187	O353518187	O354018187	O354518187
18 X 250		O353018250	O353518250	O354018250	O354518250
20 X 165		O353020165	O353520165	O354020165	O354520165
20 X 187		O353020187	O353520187	O354020187	O354520187
20 X 250		O353020250	O353520250	O354020250	O354520250
24 X 165 - R VI	4+8	O353024165R	O353524165R	O354024165R	O354524165R
24 X 187 - R VI	4+9	O353024187R	O353524187R	O354024187R	O354524187R
24 x 250 - R VI	4+9	O353024250R	O353524250R	O354024250R	O354524250R
26 X 165 - R VI	4+9	O353026165R	O353526165R	O354026165R	O354526165R
26 X 187 - R VI	4+10	O353026187R	O353526187R	O354026187R	O354526187R
26 x 250 - R VI	4+10	O353026250R	O353526250R	O354026250R	O354526250R
30 X 165 - R VI	4+10	O353030165R	O353530165R	O354030165R	O354530165R
30 X 187 - R VI	5+9	O353030187R	O353530187R	O354030187R	O354530187R
30 x 250 - R VI	5+9	O353030250R	O353530250R	O354030250R	O354530250R
36 X 187 - R VI	6+12	O353036187R	O353536187R	O354036187R	O354536187R
36 x 250 - R VI	6+12	O353036250R	O353536250R	O354036250R	O354536250R
42 x 250 - R VI	6+12	O353042250R	O353542250R	O354042250R	O354542250R
48 x 250 - R VI	7+14	O353048250R	O353548250R	O354048250R	O354548250R

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

Product Spec Description

- O3530 Fast cutting overlay blade with mostly concrete to be cut
- O3535 General purpose overlay with 50/50 Concrete & Asphalt combo
- O3540 Granite, trap rock and hard limestone, great life 50+ HP
- O3545 For Limestone aggregate with heavy asphalt cutting in the cut



ASPHALT BLADES

PROFESSIONAL

CATALOG SERIES #	A3855	A3860	A3865	A3870
MFG SPEC #	329	U20SA	U30XA	122
14 X 125	A385514125	A386014125	A386514125	A387014125
14 X 140	A385514140	A386014140	A386514140	A387014140
14 X 155	A385514155	A386014155	A386514155	A387014155
14 X 187	A385514187	A386014187	A386514187	A387014187
16 X 125	A385516125	A386016125	A386516125	A387016125
16 X 140	A385516140	A386016140	A386516140	A387016140
16 X 155	A385516155	A386016155	A386516155	A387016155
16 X 187	A385516187	A386016187	A386516187	A387016187
18 X 125	A385518125	A386018125	A386518125	A387018125
18 X 140	A385518140	A386018140	A386518140	A387018140
18 X 155	A385518155	A386018155	A386518155	A387018155
18 X 187	A385518187	A386018187	A386518187	A387018187
20 X 125	A385520125	A386020125	A386520125	A387020125
20 X 140	A385520140	A386020140	A386520140	A387020140
20 X 155	A385520155	A386020155	A386520155	A387020155
20 X 165	A385520165	A386020165	A386520165	A387020165
20 X 187	A385520187	A386020187	A386520187	A387020187
24 X 125	A385524125	A386024125	A386524125	A387024125
24 X 140	A385524140	A386024140	A386524140	A387024140
24 X 155	A385524155	A386024155	A386524155	A387024155
24 X 165	A385524165	A386024165	A386524165	A387024165
26 X 155	A385526155	A386026155	A386526155	A387026155
26 X 165	A385526165	A386026165	A386526165	A387026165
26 X 187	A385526187	A386026187	A386526187	A387026187
30 X 155	A385530155	A386030155	A386530155	A387030155
30 X 165	A385530165	A386030165	A386530165	A387030165
30 X 187	A385530187	A386030187	A386530187	A387030187
36 X 165	A385536165	A386036165	A386536165	A387036165
36 X 187	A385536187	A386036187	A386536187	A387036187
42 X 155	A385542155	A386042155	A386542155	A387042155
42 X 187	A385542187	A386042187	A386542187	A387042187
48 X 187	A385548187	A386048187	A386548187	A387048187
54 X 187	A385554187	A386054187	A386554187	A387054187

PART NUMBERS IN BLUE HAVE BLADES UP TO 20" MADE WITH VERTICALS,
BLADES 24" AND LARGER HAVE VERTICALS AND RECESS SEGMENTS

PART NUMBERS IN RED HAVE BLADES WITH RECESS SEGMENTS

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



HAND SAW BLADES - WET CUTTING

PROFESSIONAL

<<<< HARDER CONCRETE			SOFTER CONCRETE >>>>		
CATALOG SERIES #	H4015	H4025	H4027	H4028	H4035
MFG SPEC #	193	655	H2	5HA	124
14" x .125"	H401514125	H402514125	H402714125	H402814125	H403514125
14" x .165"	H401514165	H402514165	H402714165	H402814165	H403514165
14" x .187"	H401514187	H402514187	H402714187	H402814187	H403514187
14" x .235"	H401514235	H402514235	H402714235	H402814235	H403514235
14" x .250"	H401514250	H402514250	H402714250	H402814250	H403514250
16" x .125"	H401516125	H402516125	H402716125	H402816125	H403516125
16" x .165"	H401516165	H402516165	H402716165	H402816165	H403516165
16" x .187"	H401516187	H402516187	H402716187	H402816187	H403516187
16" x .220"	H401516220	H402516220	H402716220	H402816220	H403516220
16" x .235"	H401516235	H402516235	H402716235	H402816235	H403516235
16" x .250"	H401516250	H402516250	H402716250	H402816250	H403516250
20" x .125"	H401520125	H402520125	H402720125	H402820125	H403520125
20" x .140"	H401520140	H402520140	H402720140	H402820140	H403520140
20" x .165"	H401520165	H402520165	H402720165	H402820165	H403520165
20" x .220"	H401520220	H402520220	H402720220	H402820220	H403520220
20" x .235"	H401520235	H402520235	H402720235	H402820235	H403520235
20" x .250"	H401520250	H402520250	H402720250	H402820250	H403520250
20-5/8" x .125"	H401521125	H402521125	H402721125	H402821125	H403521125
20-5/8" x .140"	H401521140	H402521140	H402721140	H402821140	H403521140
20-5/8" x .165"	H401521165	H402521165	H402721165	H402821165	H403521165
20-5/8" x .230"	H401521230	H402521230	H402721230	H402821230	H403521230
24" x .125"	H401524125	H402524125	H402724125	H402824125	H403524125
24" x .140"	H401524140	H402524140	H402724140	H402824140	H403524140
24" x .165"	H401524165	H402524165	H402724165	H402824165	H403524165
24" x .187"	H401524187	H402524187	H402724187	H402824187	H403524187
24" x .235"	H401524235	H402524235	H402724235	H402824235	H403524235
30" x .155"	H401530155	H402530155	H402730155	H402830155	H403530155
30" x .165"	H401530165	H402530165	H402730165	H402830165	H403530165
30" x .187"	H401530187	H402530187	H402730187	H402830187	H403530187
30" x .220"	H401530220	H402530220	H402730220	H402830220	H403530220
30" x .235"	H401530235	H402530235	H402730235	H402830235	H403530235
30" x .250"	H401530250	H402530250	H402730250	H402830250	H403530250

**LONGYEAR
BOLT HOLE PATTERN**

**LONGYEAR & WOLVERINE
BOLT HOLE PATTERNS**

**LONGYEAR BOLT
HOLE PATTERN**

Product Spec Description

- H4015 Fast cutting with air saws
H4025 Fast cutting, granite and blue stone concrete with steel
H4027 Fast cutting medium hard concrete with steel
H4028 Split Segment for medium hard concrete and steel
H4035 Granite aggregate, more powerful saws with improved life

SEE PAGES 78 -79 FOR COMMON BOLT HOLE PATTERNS





WALL SAW BLADES - WET CUTTING

PROFESSIONAL

<<<< HARDER CONCRETE			SOFTER CONCRETE >>>>		
CATALOG SERIES #	W4015	W4025	W4035	W4040	W4055
MFG SPEC #	115/116	115/125	117/118	117/118 & 265/266	265/266
24" x .187"	W401524187	W402524187	W403524187	W404024187	W405524187
24" x .220"	W401524220	W402524220	W403524220	W404024220	W405524220
24" x .235"	W401524235	W402524235	W403524235	W404024235	W405524235
24" x .250"	W401524250	W402524250	W403524250	W404024250	W405524250
26" x .187"	W401526187	W402526187	W403526187	W404026187	W405526187
26" x .220"	W401526220	W402526220	W403526220	W404026220	W405526220
26" x .235"	W401526235	W402526235	W403526235	W404026235	W405526235
26" x .250"	W401526250	W402526250	W403526250	W404026250	W405526250
30" x .187"	W401530187	W402530187	W403530187	W404030187	W405530187
30" x .220"	W401530220	W402530220	W403530220	W404030220	W405530220
30" x .235"	W401530235	W402530235	W403530235	W404030235	W405530235
30" x .250"	W401530250	W402530250	W403530250	W404030250	W405530250
32" x .187"	W401532187	W402532187	W403532187	W404032187	W405532187
32" x .220"	W401532220	W402532220	W403532220	W404032220	W405532220
32" x .235"	W401532235	W402532235	W403532235	W404032235	W405532235
32" x .250"	W401532250	W402532250	W403532250	W404032250	W405532250
36" x .187"	W401536187	W402536187	W403536187	W404036187	W405536187
36" x .220"	W401536220	W402536220	W403536220	W404036220	W405536220
36" x .235"	W401536235	W402536235	W403536235	W404036235	W405536235
36" x .250"	W401536250	W402536250	W403536250	W404036250	W405536250
42" x .187"	W401542187	W402542187	W403542187	W404042187	W405542187
42" x .220"	W401542220	W402542220	W403542220	W404042220	W405542220
42" x .235"	W401542235	W402542235	W403542235	W404042235	W405542235
42" x .250"	W401542250	W402542250	W403542250	W404042250	W405542250
48" x .187"	W401548187	W402548187	W403548187	W404048187	W405548187
48" x .220"	W401548220	W402548220	W403548220	W404048220	W405548220
48" x .235"	W401548235	W402548235	W403548235	W404048235	W405548235
48" x .250"	W401548250	W402548250	W403548250	W404048250	W405548250
54" x .220"	W401554220	W402554220	W403554220	W404054220	W405554220
54" x .235"	W401554235	W402554235	W403554235	W404054235	W405554235
54" x .250"	W401554250	W402554250	W403554250	W404054250	W405554250
60" x .220"	W401560220	W402560220	W403560220	W404060220	W405560220
60" x .235"	W401560235	W402560235	W403560235	W404060235	W405560235
60" x .250"	W401560250	W402560250	W403560250	W404060250	W405560250
63" x .220"	W401563220	W402563220	W403563220	W404063220	W405563220
72" x .220"	W401572220	W402572220	W403572220	W404072220	W405572220
72" x .235"	W401572235	W402572235	W403572235	W404072235	W405572235
79" x .220"	W401579220	W402579220	W403579220	W404079220	W405579220
79" x .235"	W401579235	W402579235	W403579235	W404079235	W405579235

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!

STANDARD ARBOR IS 1"
W/PH + LONG YEAR.

ALL OTHER ARBOR PATTERNS ARE
AVAILABLE UPON REQUEST.

SPECIALTY BLADES - WET CUTTING

Ring Saw Blades

Tech Notes

- Wet cutting diamond blade for all ring saw applications
- Offers a 10" cutting depth
- Use for precutting or following chaincuts
- Drive Wheel Included with each blade

CATALOG SERIES #	RS10	RS25	RS-MATRIX
MFG SPEC #	193	526	Matrix
14 X 155	N/A	N/A	RS-MATRIX-14155
14 X 165	RS1014165	RS2514165	N/A
14 X 220	N/A	N/A	RS-MATRIX-14220
14 X 235	RS1014235	RS2514235	N/A

RING SAW
DRIVE WHEEL

DRIVE14

ONE WHEEL INCLUDED WITH EACH
RING SAW BLADE

RS10



RS25



RS-MATRIX

Bond Selections:

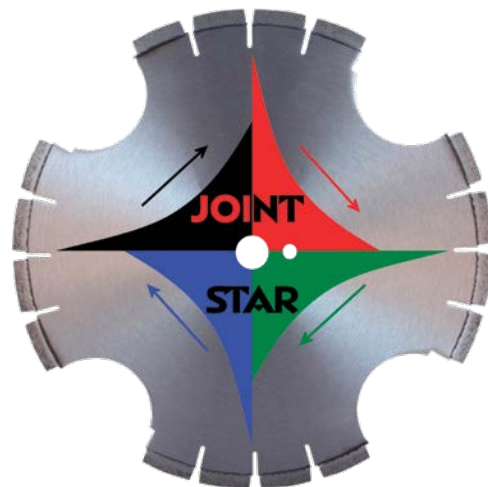
RS10: Very Hard Concrete

RS25: General Purpose

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

Joint Star Blade for Seal Removal

SIZE	PART NO.
14" X .250" X 1"	JS14250



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.



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.



LOOP SAW BLADE

STRAIGHT LINE TRAFFIC LOOP SAWING

CATALOG SERIES #	TLC4510	TLC	TLA4520	TLA
MFG SPEC #	X10HS	104/103	U20PA	428/429
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	TLC14250	TLA452018250	TLA14250
18 X 375	TLC451018375	TLC14375	TLA452018375	TLA14375
18 X 500	TLC451018500	TLC14500	TLA452018500	TLA14500

CIRCLE TRAFFIC LOOP SAWING

CATALOG SERIES #	TLC4510	TLA4520
MFG SPEC #	X10HS	U20PA
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
18 X 375	TLC451018375C	TLA452018375C
18 X 500	TLC451018500C	TLA452018500C



LOOP SAW BLADE (CIRCLE)



CORE BITS

CORE BITS





SMALL DIAMETER CORE 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

FAST DRILLING SUPER PREMIUM 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

SEGMENTED BIT SUPER PREMIUM FOR CONCRETE



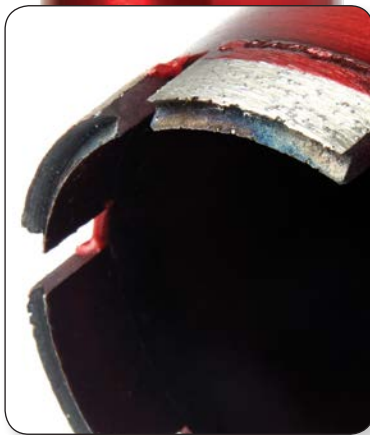
Segmented Small Diameter Bit for fast drilling in general purpose cured concrete.

Nominal Diameter	Drill Depth	# of Segs	Hub Thread	SBSP
1	14	4	5/8"-11	SBSP1000
1 1/8	14	4	5/8"-11	SBSP1125
1 1/4	14	5	5/8"-11	SBSP1250
1 3/8	14	5	5/8"-11	SBSP1375
1 1/2	14	6	5/8"-11	SBSP1500
1 5/8	14	7	1-1/4"-7	SBSP1625
1 3/4	14	7	1-1/4"-7	SBSP1750
1 7/8	14	8	1-1/4"-7	SBSP1875



WET CORE BITS

CORE 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. ADD 10% TO LIST PRICE



WET CORE BITS

CORE 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. ADD 10% TO LIST PRICE





WET CORE BITS



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. ADD 10% TO LIST PRICE



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. ADD 10% TO LIST PRICE





DOUBLE POINT PREMIUM CORE BITS

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				
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. ADD 10% TO LIST PRICE.



CBT - LONG LIFE CORE BITS

CORE BITS

Nominal Diameter	Drill Depth	# of Segs	CBT
1/2	14	Crown	CBT-1/2
5/8	14	Crown	CBT-5/8
3/4	14	Crown	CBT-3/4
7/8	14	Crown	CBT-7/8
1	14	3	CBT-1
1 1/8	14	3	CBT-1 1/8
1 1/4	14	4	CBT-1 1/4
1 3/8	14	4	CBT-1 3/8
1 1/2	14	5	CBT-1 1/2
1 5/8	14	5	CBT-1 5/8
1 3/4	14	4	CBT-1 3/4
1 7/8	14	4	CBT-1 7/8
2	14	5	CBT-2
2 1/4	14	5	CBT-2 1/4
2 1/2	14	6	CBT-2 1/2
2 3/4	14	6	CBT-2 3/4
3	14	7	CBT-3
3 1/4	14	7	CBT-3 1/4
3 1/2	14	8	CBT-3 1/2
4	14	8	CBT-4
4 1/4	14	9	CBT-4 1/4
4 1/2	14	3.8	CBT-4 1/2
5	14	10	CBT-5
5 1/2	14	10	CBT-5 1/2
6	14	11	CBT-6
6 1/2	14	12	CBT-6 1/2
7	14	12	CBT-7
8	14	14	CBT-8
9	14	14	CBT-9
10	14	15	CBT-10
11	14	16	CBT-11
12	14	17	CBT-12
13	14	19	CBT-13
14	14	19	CBT-14

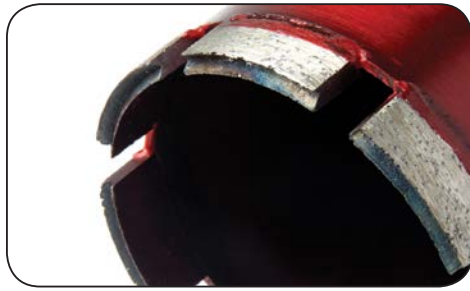
FEATURES

- 3/8" - 7/8" - BRAZED CROWN BITS
- 1" AND BIGGER - LASER WELDED SEGMENTED BITS
- REMOVABLE BACK ENDS FOR EASY CORE REMOVAL OR TUBE EXTENSION
- EXTENSION TUBE SOLD SEPARATELY
- RETIP, WIDE SPACE, PRESTRESS LAYOUT ARE NOT AVAILABLE
- 1/2" TO 1 1/2" BITS HAVE 5/8"-11 THREAD HUBS
- 1 5/8" AND LARGER BITS HAVE 1 1/4"-7 THREAD HUBS





SEGMENTS FOR RETIPPING INCLUDES SOLDER



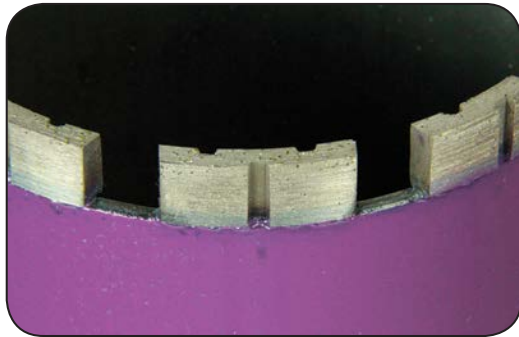
BV SEGMENTS V SHAPED

.475" Diamond Depth		
Diameter	Part No.	Description
2" - 2-3/4"	VSEG20	1" X .140"
3" - 3-1/4"	VSEG30	1" X .140"
3-1/2"	VSEG35	1" X .140"
4" - 4-3/4"	VSEG40	1" X .150"
5" - 5-1/2"	VSEG50	1" X .150"
5-3/4" - 6-1/2"	VSEG60	1" X .160"
7" - 8"	VSEG80	1" X .175"
9" - 14"	VSEG120	1" X .220"
15" - 60"	VSEG1800	1" X .250"



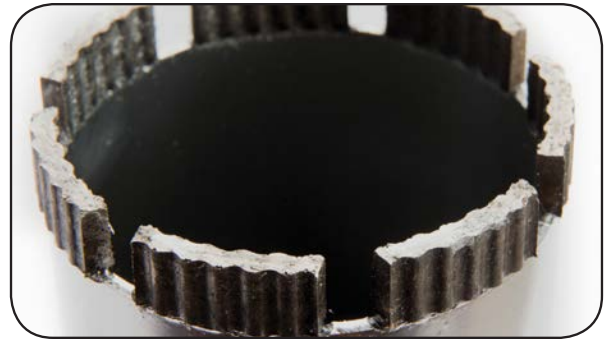
BVU SEGMENTS V SHAPED WITH U NOTCH

.475" Diamond Depth		
Diameter	Part No.	Description
2" - 2-3/4"	VUSEG225	1" X .140"
3" - 3-1/4"	VUSEG30	1" X .140"
3-1/2"	VUSEG35	1" X .140"
4" - 4-3/4"	VUSEG40	1" X .150"
5" - 5-1/2"	VUSEG50	1" X .150"
5-3/4" - 6-1/2"	VUSEG60	1" X .160"
7" - 8"	VUSEG80	1" X .185"
9" - 14"	VUSEG1200	1" X .220"
15" - 60"	VUSEG1800	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"



SEGMENTS FOR RETIPPING INCLUDES SOLDER



CVVC CROWN SEGMENTS

Crown Diameter	Thickness
3/8" TO 7/8"	.125"
1" TO 1 1/2"	.125"
1-5/8" TO 1 7/8"	.125"



CVV DOUBLE POINT

Crown Diameter	Thickness
2" - 3 1/2"	.135" - .145"
4" TO 5"	.160"
6" TO 7"	.165"
8" TO 10"	.175" - .187"
12" TO 14"	.200" - .210"
16" AND UP	.250"

SILVER SOLDER

SILVER SOLDER \$2.84 PER INCH STRIP



STB - STORM BITS & DRY MASONRY BITS

STB Storm Bit

Nominal Diameter	# of Segs	STB
2	4	STB2000
2-1/2	6	STB2500
3	7	STB3000
3-1/2	7	STB3500
4	9	STB4000
4-1/2	9	STB4500
5	11	STB5000
5-1/2	11	STB5500
6	12	STB6000
7	14	STB7000
16	14	STB8000

STB STORM BITS ARE DESIGNED WITH A LONGER SPEED STYLE TUBE TO INCREASE THE MAXIMUM HOLE CORING SPEED.

- Bit is designed with a 2 inch longer, light weight steel tube and a custom constructed turbo style segment to provide aggressive coring speed in hard concrete.



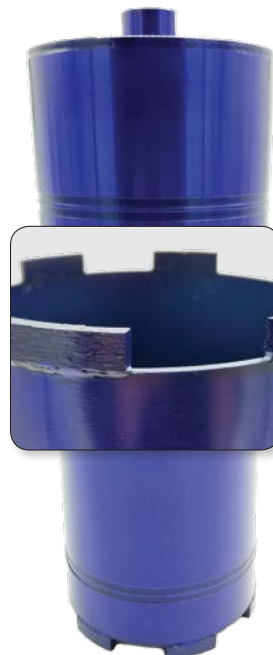
Dry Masonry Bits are designed for use on hand held core drill rigs and some hand drills. Use these bits for coring through BRICK and BLOCK walls only. Commonly used for conduit and other piping.

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	BDX
	PART #	PART #
1"	BD1	-
1-1/4"	BD11/4	-
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

EXTRA LENGTH TUBE & ACCESSORIES

Core Drilling Accessories

DDM-CONCUT offers virtually all accessories needed by the pro sawing and drilling contractor.



Part #	Description
ANCHOR-1/2	1/2" drop in anchors (MKT-Gunnebo) 250 per case
ANCHOR-3/8	3/8" drop in anchors (MKT-Gunnebo) 400 per case
ANCHOR-THREADED	6" threaded anchor stud
BASE GASKET	Foam vacuum base gasket
COPPER-WASHER	Copper anti-lock washer
HEX STUDS	SS hex studs-supernuts
PUMP CAN-METAL	4 gal metal sprayer can w/ water Q.D.
SETTING TOOL-1/2"	1/2" setting tool
SETTING TOOL-3/8"	3/8" setting tool
SLURRY SLURP 10"	Slurry Slurp - large
SLURRY SLURP 5"	Slurry Slurp - small with adapter
SN-1/2-13	Supernut 1/2" - 13"



COPPER WASHER

Extra Length Core Bit Tubes

Bit Diameter X Hub Size	Max Length of Stock Tubing*
Small Diameter Core Bit Tubing	
1/2" X 5/8" - 11 THREAD	36"
5/8" X 5/8" - 11 THREAD	36"
3/4" X 5/8" - 11 THREAD	36"
7/8" X 5/8" - 11 THREAD	36"
1" X 5/8" - 11 THREAD	36"
1-1/8" X 5/8" - 11 THREAD	36"
1-1/4" X 5/8" - 11 THREAD	36"
1-3/8" X 5/8" - 11 THREAD	36"
1-1/2" X 5/8" - 11 THREAD	36"
1-5/8" X 1-1/4" - 7 THREAD	36"
1-3/4" X 1-1/4" - 7 THREAD	36"
1-7/8" X 1-1/4" - 7 THREAD	36"
Medium Diameter Core Bit Tubing	
2" X 1-1/4" - 7 THREAD	36"
2-1/2" X 1-1/4" - 7 THREAD	36"
3" X 1-1/4" - 7 THREAD	36"
3-1/2" X 1-1/4" - 7 THREAD	36"
4" X 1-1/4" - 7 THREAD	36"
5" X 1-1/4" - 7 THREAD	36"
6" X 1-1/4" - 7 THREAD	36"
7" X 1-1/4" - 7 THREAD	CALL FACTORY
8" X 1-1/4" - 7 THREAD	CALL FACTORY
9" X 1-1/4" - 7 THREAD	CALL FACTORY
10" X 1-1/4" - 7 THREAD	CALL FACTORY
12" X 1-1/4" - 7 THREAD	CALL FACTORY
14" X 1-1/4" - 7 THREAD	CALL FACTORY

CUSTOM SIZED CORE BITS

Please call the factory to discuss your custom length application.

Tubing availability and factory volume determine lead time on special lengths. Please expect longer manufacturing time for bits with non-stocked tube lengths.



CORE BIT ADAPTERS & EXTENSIONS

	Part #	Core Bit 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
	AD5/8SDSPLUS	5/8"-11 Male to SDS PLUS
	AD5/8SDSMAX	5/8"-11 Male to SDS MAX
	Part #	Core Bit 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



CARDI HAND HELD CORE DRILLS

Electronic Cardi Single Speed Hand Held Core Drill



Part # CARDI T1800-102-MU-EL-71X

- 1 Speed hand-held core drill
- Electronic Clutch with Soft Start
- 120 V, 50/60 Hz, 15 amp
- 1-1/4" male shaft with 5/8" adapter
- Wet and dry drilling
- 5" core bit capacity
- Case included
- Idle RPM: 940
- Load RPM: 730
- Built in GFI UL62841-1 on cord

Electronic Cardi 2 Speed Hand Held Core Drill



Part # CARDI TOL-MU-EL-71X

- 2 Speed hand-held core drill
- Electronic Clutch with Soft Start
- 120 V, 50/60 Hz, 15 amp, 2.0HP
- 1-1/4" male shaft with 5/8" adapter
- Wet and dry drilling
- 5" core bit capacity
- Case included
- Idle RPM: 1180/2150
- Load RPM: 930/1700
- Built in GFI UL62841-1 on cord

Electronic Cardi 3 Speed Hand Held Core Drill



Part # CARDI T1-MU-EL-71X

- 3 Speed hand-held core drill
- Electronic Clutch with Soft Start
- 120 V, 50/60 Hz, 15 amp, 2.5HP
- 1-1/4" male shaft with 5/8" adapter
- Wet and dry drilling
- 6" core bit capacity
- Case included
- Idle RPM: 770/1860/2580
- Load RPM: 570/1380/1920
- New! Built in GFI UL62841-1 on cord

Electronic Cardi 3 Speed Hand Held Core Drill



PISTOL GRIP

Part # CARDI T1-PU-EL-71X

- 3 Speed hand-held core drill
- Electronic Clutch with Soft Start
- 120 V, 50/60 Hz, 18 amp, 2.5HP
- 1-1/4" male shaft with 5/8" adapter
- Bubble Level
- Wet and dry drilling
- 6" core bit capacity
- Case included
- Idle RPM: 770/1860/2580
- Load RPM: 570/1380/1920
- Built in GFI UL62841-1 on cord

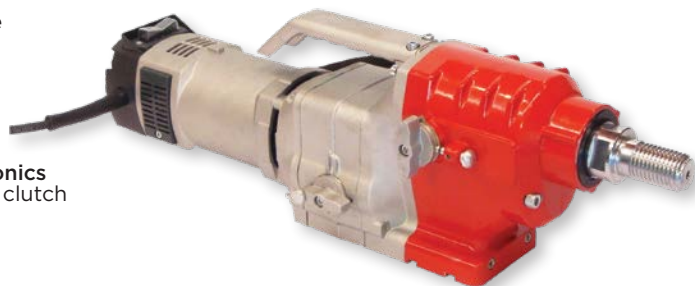
CARDI CORE DRILL MOTORS



6 Speed Core Motor

VORTEX 625 - Part # CARDI VORTEX-625-EL-7

- **Voltage**
115V / 50-60Hz
- **Power**
2820W/25AMP
- **Idle/Load Speed (R.P.M.)**
1st Gear: 210/135
2nd Gear: 340/220
3rd Gear: 480/315
4th Gear: 730/480
5th Gear: 1200/780
6th Gear: 1670/1100
- **Capacity in concrete**
1" - 22"
- **Bit connection**
1-1/4" UNC
- **Mechanical clutch**
Brass rings
- **Multifunction electronics**
Soft start, electronic clutch
- **Weight** 39 LBS



4 Speed Core Motor

T9 475-EL - Part # CARDI T9-475EL

- **Voltage**
115V / 50-60Hz
- **Power**
2820W/25AMP
- **Idle/Load Speed (R.P.M.)**
1st Gear: 260/170
2nd Gear: 500/330
3rd Gear: 810/540
4th Gear: 1360/900
- **Capacity in concrete**
1" - 18"
- **Bit connection**
1-1/4" UNC
- **Mechanical clutch**
Brass rings
- **Multifunction electronics**
Soft start, electronic clutch
- **Weight** 33 LBS



3 Speed Core Motor

T6 375-EL - Part # CARDI T6-375EL

- **Voltage**
115V / 50-60Hz
- **Power**
2820W/25AMP
- **Idle/Load Speed (R.P.M.)**
1st Gear: 310/205
2nd Gear: 700/465
3rd Gear: 1300/860
- **Capacity in concrete**
1" - 16"
- **Bit connection**
1-1/4" UNC
- **Mechanical clutch**
Brass rings
- **Multifunction electronics**
Soft start, electronic clutch
- **Weight** 31 LBS



2 Speed Core Motor

T4-300-EL - Part # CARDI T4-300EL

- **Voltage**
115V-120V / 50-60Hz
- **Power**
3420W / 2820
- **Idle/Load Speed (R.P.M.)**
1st Gear: 440/290
2nd Gear: 1130/680
- **Capacity in concrete**
2" - 12"
- **Bit connection**
1-1/4" UNC
- **Mechanical clutch**
Brass rings
- **Multifunction electronics**
Soft start, electronic clutch
- **Weight** 27.5 LBS



CARDI COMPLETE DRILL RIGS

**6 Speed Core Drill Rig with VORTEX 625****Part# X2-42-6-V625**

- Column (Steel) 2-7/8" Square X 42" Tall
- Power 2820W/25AMP
- Adjustable Roller Carriage
- TYPE 6: Cam Lock Quick Connect Motor Mount Plate
- Anchor Base
- Wheel Kit
- Capacity without Spacer 1" - 14"
- Capacity w/Spacer - 22"/26"
- Weight - 112 LBS
- **OPTIONAL Spacer Part # (Not Included)**
- 4" SPACER (for up to 22" diameter bits): P# 505632
- 6" SPACER (for up to 26" diameter bits): P# 505630

**4 Speed Core Drill Rig with T9 475-EL****TYPE 2: Standard Motor Mount Plate****Part# X2-42-2-T9475****4 Speed Core Drill Rig with T9 475-EL****TYPE 6: Cam Lock Quick Connect Motor Mount Plate****Part# X2-42-6-T9475**

- Column (Steel) 2-7/8" Square X 42" Tall
- Power 2820W/25AMP
- Adjustable Roller Carriage
- Anchor Base
- Wheel Kit
- Capacity without Spacer 1" - 14"
- Capacity w/Spacer - 18"/22"
- Weight - 100 LBS
- **OPTIONAL Spacers (Not Included)**
- 2" SPACER FOR TYPE 2 MMP (for up to 18" diameter bits): P# 400445
- 4" SPACER FOR TYPE 6 MMP (for up to 22" diameter bits): P# 505632

**3 Speed Core Drill Rig with T6 375-EL****Part# X2-42-2-T6375**

- Column (Steel) 2-7/8" Square X 42" Tall
- TYPE 2: Standard Motor Mount Plate
- Power 2820W/25AMP
- Adjustable Roller Carriage
- Anchor Base
- Wheel Kit
- Capacity without Spacer 1" - 14"
- Capacity w/Spacer - 18"/22"
- Weight - 100 LBS
- **OPTIONAL Spacers (Not Included)**
- 2" SPACER FOR TYPE 2 MMP (for up to 18" diameter bits): P# 400445
- 4" SPACER FOR TYPE 6 MMP (for up to 22" diameter bits): P# 505632

CARDI DRILL RIGS / HANDSAW



DM-160 Small Drill Stand

The **DM-160 small drill stand** is a sturdy and reliable stand for our hand-held drills. This stand will accept all of the most popular hand-held core drills.

Features include:

- Quick release cradle
- Clamp bracket neck
- Quick release crank handle
- Cutting depth scale on column
- Optional wheels on base
- Tilts up to 45 degrees
- Dimensions are 14" x 10" x 38"
- Lightweight, easy to carry
- Maximum drilling capacity of 8"
- Available Arbor Thread: 1 1/4"-7 and 5/8"-11



Cardi TP400-EL Handsaw

The Cardi **TP-400-EL** is the only 16" electric saw on the market. Powered by the same reliable motor used on the Cardi core drill, this saw can cut up to 6" deep. The soft start keeps you from blowing breakers. A flush cut kit is available.



Technical Specifications		TP400	TP400-FC
VOLTAGE	V	115-120 V	50/60 HZ
POWER W	W	2300 (MAX 3450 / 4.6)	
RATED CURRENT / PLUG A	A	20 / NEMA L5-20	
R.P.M. IDLE / ON LOAD	R.P.M.	2350 / 1770	
BLADE DIAMETER		16"	
MAXIMUM CUTTING DEPTH	INCH	6.25"	
BLADE ARBOR (DIAMETER) / SUITABLE BLADE HOLE	INCH	1"	
FLUSH CUT		----	POSSIBLE
WEIGHT	KG/LBS	13 / 29	12.5 / 28

Blade Part #	Description	Blade List Price
H40DB32816125	16 X .125 H40DB328 W/ CARDI FLUSH CUT PATTERN	\$549

CARDI Saw Cart Accessory

The Cardi Saw cart accessory allows for using the saw while standing.

Part# TP400SC

TP400 Flush Cut Kit

Part #	Description
TP400FC	FLUSH CUTTING KIT



CORE DRILLING

DMX20VE With Vacuum

PART# DMX20VE

General Specifications

- Bit Capacity: 1/2" to 12" (14" w/spacer)
- Bit Feed: 27"
- Motor Spindle: 1-1/4" - 7"
- Column: 3-1/2" x 3-1/2" adjustable rack and pinion
- Size LxWxH: 20" x 14" x 36"
- Weight: 159 lbs.

Features

- Gast vacuum pump
- Ceiling jack
- Dual switch control panel
- Amp meter
- Leveling screws
- Vacuum and anchor combo base
- Slide handle
- 1 year warranty on parts and labor

Drill Motor

- Milwaukee 20 AMP
- 110 Volt
- Slip clutch
- 450 / 900 RPM
- Handy Carriage
- Handle
- Bubble Level



DDM13-18E - Walk Behind Saw**PART# DDM13-18E****Features**

- 13 Horsepower Honda Saw with 18" Guard
- Heavy Duty, 7-Gauge Steel Frame
- Heavy Duty Anti-Vibration Engine Mounts
- Left or Right side Cutting
- 3-Belt Drive for more Shaft Power
- Heavy Duty Hinged Blade Guard
- Premium non-slip rubber wheels
- Weight - 254 lbs.

Options

Part #	Description
DDM13LBE	Lifting Bale Assembly
DDM13WTE	Water Tank Assembly



EQUIPMENT - Diamond Chain Saws - Gas

ICS 680ES

DDM-CONCUT offers **gas-powered diamond chain saws** made by ICS, the world leader in diamond chain technology. All three gas models provide convenience, portability and reliability. The **680ES** is a general purpose saw, perfect for occasional general construction use. It uses MAX series diamond chain and plunge cuts to 14".



680ES

680ES SPECIFICATIONS:

Weight	21 lbs. (with bar and chain)
Engine Speed	11500 +/- 500 rpm, 2800-3200 rpm idle
Bar Length	Up to 14"
Horsepower	5 HP @ 9500 rpm
Engine Type	2-stroke, single cylinder, air cooled
Displacement	4.7 cu. inch
Chain Speed	5300 fpm, free running
Powerhead Dimensions	18" L x 11.5"H x 10"W
Noise Level	100 dB @ 3 ft.
Vibration Level	10.5 meters/second (front handle)
Water Supply	Minimum 20 psi (1.5 bar)
Fuel Mix Ratio	25:1 (4%) fuel to oil
Fuel Capacity	0.23 gal., 15-18 minutes run time per tank

Part #	680ES Gas Saws and Consumables
I-576155	ICS 680ES Powerhead
I-576154	ICS 680ES Gas Saw Package with 12" guidebar and 12" TwinMax Chain
I-576153	ICS 680 ES Gas Saw Package with 14" guidebar and 14" TwinMax Chain
I-580423	ICS 680 ES-10 Power Grit Gas Saw Package with 10" guidebar and 10" Power Grit Chain
I-70949	Drive Sprocket 680 ES TwinMax Chain
I-525496	Drive Sprocket 680 ES Power Grit
680ES CHAINS AND GUIDE BARS 12"	
I-71400	ICS TwinMax-29 Chain 12"
I-71704	ICS TwinMax Plus-29 Chain 12"
I-71554	ICS TwinMax Abrasive-29 Chain 12"
I-71395	ICS 680ES Guidebar 12"
680ES CHAINS AND GUIDE BARS 14"	
I-71486	ICS TwinMax-32 Chain 14"
I-71705	ICS TwinMax Plus-32 Chain 14"
I-71610	ICS TwinMax Abrasive-32 Chain 14"
I-513122	ICS 680 ES Guidebar 14"



EQUIPMENT - Diamond Chain Saws - Gas



ICS 695XL-GC

The **695XL-GC** is the most powerful gas saw, with an excellent power to weight ratio. This saw plunge cuts to 16". It uses MAX series diamond chain and can be converted to use FORCE4 chain.



695XL-GC

695XL-GC SPECIFICATIONS:

Weight	21 lbs. (without bar and chain)
Engine Speed	11500 +/- 500 rpm, 2500-2800 rpm idle
Bar Length	Up to 16"
Horsepower	6.4 HP @ 9000 rpm
Engine Type	2-stroke, single cylinder, air cooled
Displacement	5.7 cu. inch
Powerhead Dimensions	19"L x 14"H x 12"W
Noise Level	102 dB @ 3 ft.
Vibration Level	8 meters/second (front handle)
Water Supply	Minimum of 20 psi (1.5 bar)
Fuel Mix Ratio	25:1 (4%) fuel to oil
Fuel Capacity	0.26 gal (1.0 liter)

Part #	695XL-GC Gas Saws and Consumables
I-581192	ICS 695XL GC Powerhead
I-576150	ICS 695XL-12" GC Gas Saw Package with 12" Guide-bar and 12" TwinMax Chain
I-575863	ICS 695XL-14" GC Gas Saw Package with 14" Guide-bar and 14" TwinMax Chain
I-575865	ICS 695XL-16" GC Gas Saw Package with 16" Guide Bar and 16" TwinMax Chain
I-70949	Drive Sprocket 695XL-GC TwinMax Chain
695XL-GC CHAINS AND GUIDE BARS 12"	
I-71400	ICS TwinMax-29 Chain 12"
I-71704	ICS TwinMax Plus-29 Chain 12"
I-71554	ICS TwinMax Abrasive Chain 12"
I-553207	ICS 695XL-GC Guidebar 12"
695XL-GC CHAINS AND GUIDE BARS 14"	
I-71486	ICS TwinMax-32 Chain 14"
I-71705	ICS TwinMax Plus-32 Chain 14"
I-71610	ICS TwinMax Abrasive-32 Chain 14"
I-73600	ICS 695XL-GC Guidebar 14"
695XL-GC CHAINS AND GUIDE BARS 16"	
I-71607	ICS TwinMax-35 Chain 16"
I-71706	ICS TwinMax Plus-35 Chain 16"
I-71611	ICS TwinMax Abrasive-35 Chain 16"
I-71600	ICS 695XL-GC Guidebar 16"



EQUIPMENT - Diamond Chain Saws - Gas

ICS 695XL-F4

The **695XL-F4** operates on FORCE4 technology and is designed for frequent, heavy use. This saw makes deep, straight cuts and square corners in concrete, stone, masonry or ductile pipe. It will plunge cut up to 16".



695XL-F4

695XL-F4 SPECIFICATIONS:

Weight	21 lbs. (without bar and chain)
Engine Speed	9300 +/- 150 rpm, 2700 rpm idle
Bar Length	Up to 16"
Horsepower	6.4 HP @ 9000 rpm
Engine Type	2-stroke, single cylinder, air cooled
Displacement	5.7 cu. inch
Powerhead Dimensions	19"L x 14"H x 12"W
Vibration Level	3.9/4.1 meters/sec (front/rear handle)
Water Supply	Minimum of 20 psi (1.5 bar)
Fuel Mix Ratio	25:1 (4%) fuel to oil
Fuel Capacity	0.26 gal (1.0 liter)

Part #	695XL-F4 Gas Saws and Consumables
I-575826	ICS 695XL-F4 Powerhead
I-576151	ICS 695XL-12 F4 Gas Saw Package with 12" Guidebar and 12" Proforce Chain
I-575872	ICS 695XL-16 F4 Gas Saw Package with 16" Guidebar and 16" Proforce Chain
I-575827	ICS 695XL-16 PG gas Saw Package with 16" Guidebar and 16" Power Grit Chain
I-525496	Drive Sprocket 695XL-F4 and 695XL-PG
695XL-F4 CHAINS AND GUIDE BARS 12"	
I-531743	ICS ProForce-25 Chain 12"
I-531745	ICS ProForce-25 Chain 12" Premium L
I-531739	ICS ProForce-25 Chain 12" Premium S
I-531747	ICS ProForce-25 Chain 12" Abrasive
I-553208	ICS 695XL-F4 12" Guidebar
695XL-F4 CHAINS AND GUIDE BARS 16"	
I-525342	ICS ProForce-29 Chain 16"
I-525343	ICS ProForce-29 Chain 16" Premium L
I-531735	ICS ProForce-29 Chain 16" Premium S
I-525344	ICS ProForce-29 Chain 16" Abrasive
I-537764	ICS Power Grit Chain 16"
I-524490	ICS 695XL-F4 Guidebar 16"



EQUIPMENT - Diamond Chain Saws - Hydraulic

ICS 814PRO

ICS hydraulic diamond chain saws offer both performance and power.

The **814PRO** is a general purpose hydraulic saw. It is lightweight and extremely easy to use. With the ability to cut perfectly square openings as small as 3 1/2 inches (9 cm), the 814PRO is a natural for utility work and other applications where a mix of portability and power are required.



814PRO

Part #	814PRO Hydraulic Saws and Consumables
I-75256	ICS 814PRO Powerhead 8 GPM
I-71675	ICS 814PRO Powerhead 8 GPM with 13" Guidebar and 13" TwinPro Chain
I-71385	Drive Sprocket 814PRO
814PRO CHAINS AND GUIDE BARS	
I-74719	ICS TwinPro-25 Chain 13"
I-74042	ICS 814PRO Guidebar 13"

814PRO SPECIFICATIONS:

Weight	15 lbs. with 13-inch bar and chain
Bar Length	13 inches
Motor Speed	8800 rpm
Chain Speed	4400 fpm, free running
Powerhead Dimensions	14.3"L x 11.3" H x 9.2" W
Torque	84 in-lbs.
Horsepower	11.5 HP
Hydraulic Supply	8 gpm, 2500 psi (172.5 bar)
Noise Level	88 dB @ 3 ft.
Vibration Level	3.5 meters/second (front handle)
Water Supply	Minimum 20 psi (1.5 bar)



EQUIPMENT - Diamond Chain Saws - Hydraulic

ICS 890F4/FL

The **890F4** is the most powerful model and is designed for heavy production use. This saw has a rugged die-cast aluminum body and a modular motor design for easy servicing. The 890F4 uses FORCE4 technology and has four guidebar lengths available. The **890F4-FL** has the same powerful hydraulics, but is for flush cutting. This saw cuts as close as 3/16" to a wall or floor.

SPECIFICATIONS:

	890F4/FL - 8 gpm	890F4/FL - 12 gpm
Weight	27.3 lbs. with 15" bar and chain	27.3 lbs. with 15" bar and chain
Bar Length	Up to 25 inches	Up to 25 inches
Motor Speed	6100 rpm	6500 rpm
Powerhead Dimensions	23"L x 10.5"H x 9.5"	23"L x 10.5"H x 9.5"W
Torque	122 in-lbs.	170 in-lbs.
Horsepower	11.5 HP	17.5 HP
Hydraulic Supply	8 gpm, 2500 psi (172.5 bar)	12 gpm, 2500 psi (172.5 bar)
Noise Level	107 dB @ 3 ft.	107 dB @ 3 ft.
Vibration Level	2 meters/second (front handle) 6 meters/second (rear handle)	2 meters/second (front handle) 6 meters/second (rear handle)
Water Supply	Minimum 20 psi (1.5 bar)	Minimum 20 psi (1.5 bar)

ICS®



890F4



890F4/FL



EQUIPMENT - Diamond Chain Saws - Hydraulic

Part #	890F4 Hydraulic Saws and Consumables
I-566110	ICS 890F4 Powerhead 8GPM, 1 ft hose whips
I-566113	ICS 890F4-FL Powerhead 8GPM, 1 ft hose whips
I-566112	ICS 890F4 Powerhead 12GPM, 1 ft hose whips
I-566114	ICS 890F4-FL Powerhead 12GPM, 1 ft hose whips
I-566127	ICS 890F4-15 Saw Package 8GPM with 15" Guidebar and 15" Proforce Chain, 1ft hose whips
I-566125	ICS 890F4-15 Saw Package 12GPM with 15" Guidebar and 15" Power Grit Chain, 1ft 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-531743	ProForce-25 Chain 10"
I-531745	ProForce-25 Chain 10" Premium L
I-531739	ProForce-25 Chain 10" Premium S
I-531747	ProForce-25 Chain Abrasive 10"
I-529829	Force4 Guidebar 10"
15"	
I-525342	ProForce-29 Chain 15"
I-525343	ProForce-29 Chain 15" Premium L
I-531735	ProForce-29 Chain 15" Premium S
I-525344	ProForce-29 Chain 15" Abrasive
I-537764	Power Grit Chain 15"
I-523080	Force4 Guidebar 15"

Part #	890F4/FL Chains and Guidebars Will also work on 853 saws with F4 Drive Sprockets
20"	
I-531749	ProForce-34 Chain 20"
I-531751	ProForce-34 Chain 20" Premium L
I-531741	ProForce-34 Chain 20" Premium S
I-531753	ProForce-34 Chain 20" Abrasive
I-537765	Power Grit Chain 20"
I-529767	Force4 Guidebar 20"
25"	
I-525345	ProForce-40 Chain 25"
I-525346	ProForce-40 Chain 25" Premium L
I-531737	ProForce-40 Chain 25" Premium S
I-525347	ProForce-40 Chain 25" Abrasive
I-545017	Power Grit Chain 25"
I-525320	Force4 Guidebar 25"



BLADE DEPTH CHARTS

WALL SAW BLADES

Diameter	Cutting Depth		
18"	450MM	6-1/2"	162MM
24"	600MM	9-11/2"	235MM
30"	750MM	11-1/2"	285MM
36"	900MM	14-11/2"	360MM
42"	1050MM	17-3/4"	440MM
48"	1200MM	20-3/4"	515MM

HAND SAW BLADES

Diameter	Cutting Depth		
4"	100MM	1"	25MM
4.5"	110MM	1-1/4"	37MM
5"	125MM	1-1/2"	43MM
7"	175MM	2-1/2"	62MM
8"	200MM	3"	75MM

FLOOR SAW/WALK BEHIND SAW BLADES

Diameter	Cutting Depth		
12"	300MM	3-5/8"	90MM
14"	350MM	4-5/8"	115MM
16"	400MM	5-5/8"	140MM
18"	450MM	6-5/8"	165MM
20"	500MM	7-5/8"	190MM
24"	600MM	9-5/8"	240MM
26"	650MM	10-5/8"	265MM
30"	750MM	11-3/4"	290MM
36"	900MM	14-3/4"	365MM
42"	1050MM	17-3/4"	440MM
48"	1200MM	19-3/4"	490MM

ELECTRIC SAW GENERATOR GUIDE

MINIMUM WIRE SIZES, AMPS AND GENERATOR REQUIREMENTS FOR MOST ELECTRIC SAWS*

HP	VOLTS	PHASE	25' TO 50'	100'	100' to 200'	MAX AMPS LOAD	MIN GEN
10	230	3	#10	#8	#6	26 AMPS	15 KW
10	460	3	#12	#10	#4	13 AMPS	15 KW
15	230	3	#8	#8	#6	38.4 AMPS	22 KW
15	460	3	#10	#10	#6	19.2 AMPS	22 KW
20	230	3	#6	#6	#4	46.5 AMPS	30 KW
20	460	3	#10	#8	#6	23.3 AMPS	30 KW
30	230	3	#3	#1	#3/0	72.6 AMPS	42 KW
30	460	3	#8	#6	#4/0	36.3 AMPS	42 KW
40	230	3	#1	#1/0	#3/0	93 AMPS	54 KW
40	460	3	#6	#6	#2	46.5 AMPS	54 KW
50	460	3	#6	#4	#2	61.9 AMPS	71 KW

RPM CHARTS

BLADE RPM CHART

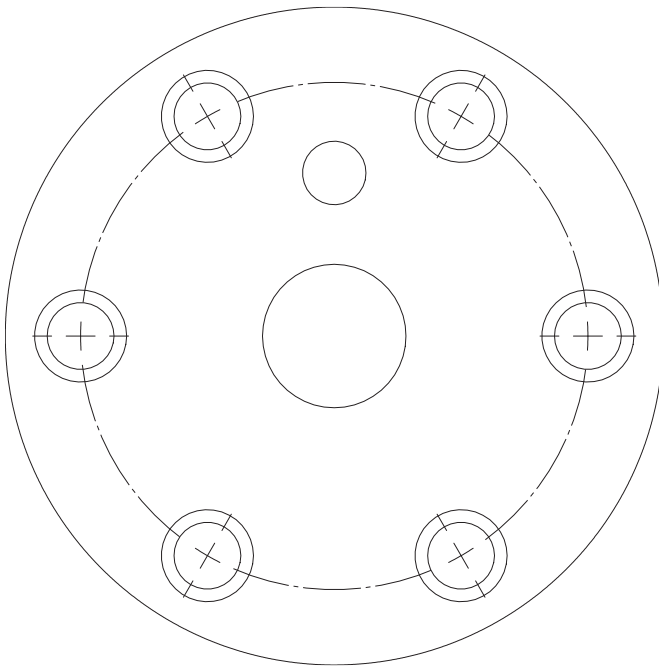
Diameter	Ideal RPM	Max RPM
4"	9072	15000
4.5"	8063	13300
5"	7257	12000
6"	6048	10185
7"	5184	8730
8"	4536	7640
9"	4032	6790
10"	3629	6115
12"	3024	5095
12" HS		6300
14"	2592	4365
14" HS		5400
16"	2268	3820
16" HS		4800
18"	2016	3395
20"	1814	3055
24"	1512	2550
28"	1296	2185
30"	1210	2040
32"	1134	1910
36"	1008	1700
42"	864	1455
48"	756	1275

CORE BIT RPM CHART

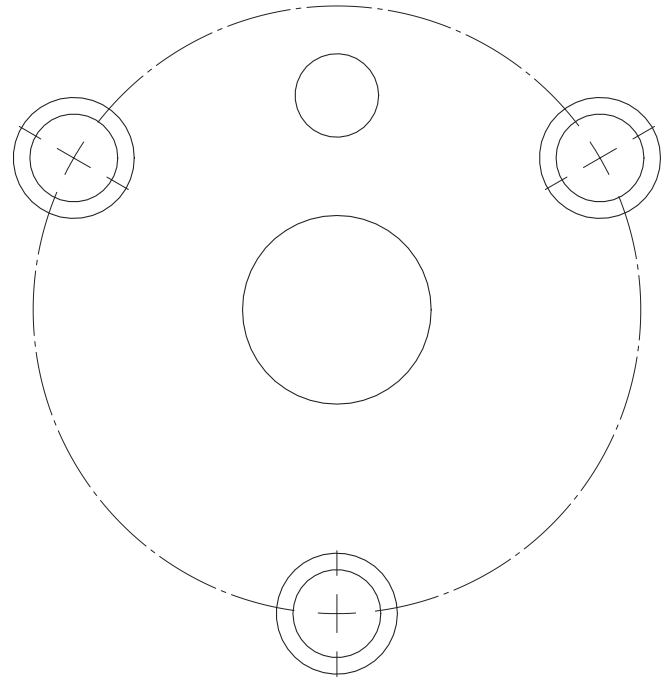
Diameter	Ideal RPM	Min RPM	Max RPM
.500"	6369	4777	7961
.750"	4246	3184	5307
1.000"	3184	2388	3980
1.250"	2547	1910	3184
1.500"	2123	1592	2653
1.750"	1819	1364	2274
2.000"	1592	1194	1990
2.250"	1415	1061	1769
2.500"	1273	955	1592
2.750"	1158	868	1447
3.000"	1061	796	1326
3.250"	979	734	1224
3.500"	909	682	1137
3.750"	849	636	1061
4.000"	796	597	995
4.250"	749	562	936
4.500"	707	530	884
4.750"	670	502	838
5.000"	636	477	796
5.500"	579	434	723
6.000"	530	398	663
6.500"	489	367	612
7.000"	454	341	566
7.500"	424	318	530
8.000"	398	298	497
8.500"	374	281	468
9.000"	353	265	442
10.000"	318	238	398
12.000"	265	199	331
14.000"	227	270	284
15.000"	212	159	265
18.000"	176	132	221
20.000"	159	119	199
22.000"	144	108	180
24.000"	132	99	165

COMMON BOLT HOLE PATTERNS

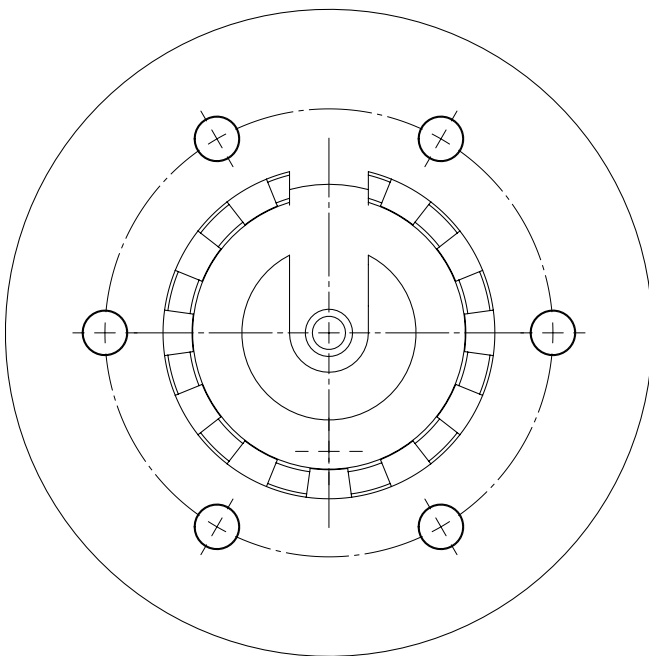
LONG YEAR BOLT HOLE PATTERN - P5



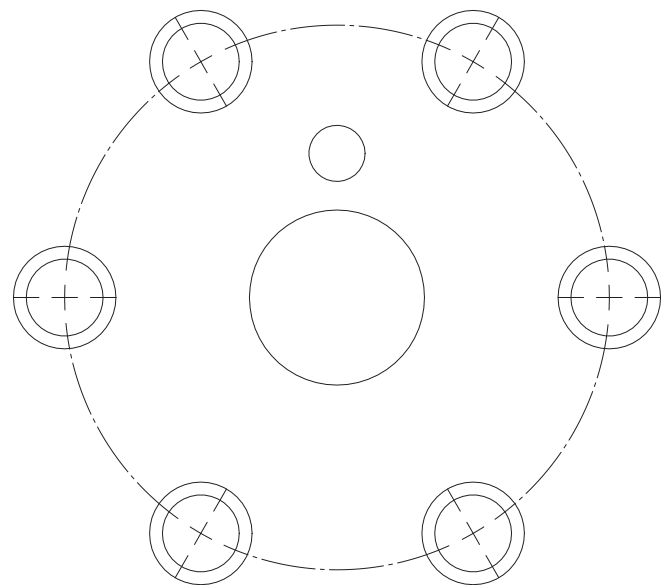
GDM - P10



PENTRUDER - 1" - P51

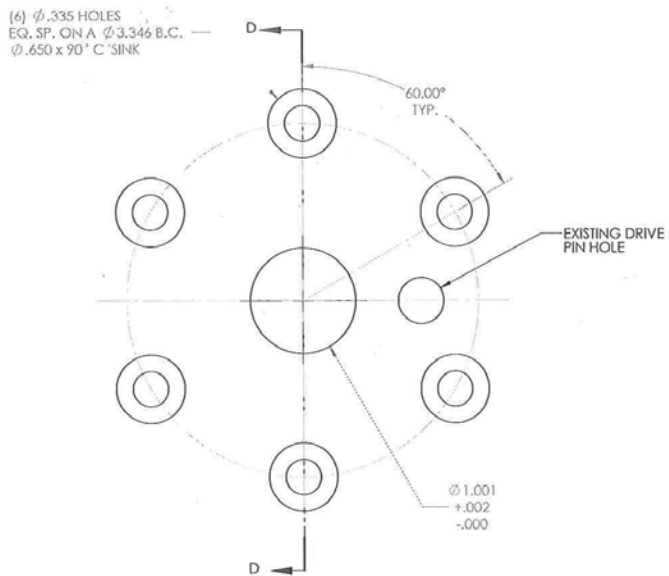


PENTRUDER - 1- 3/8" - P11

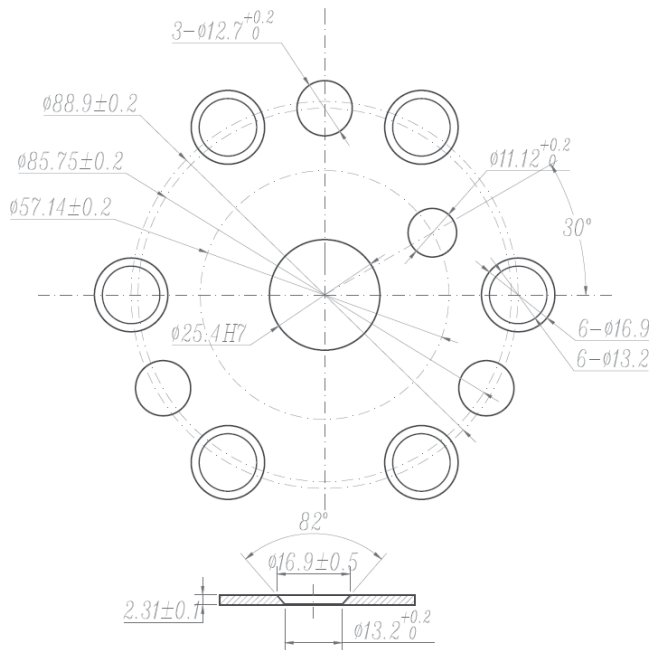


COMMON BOLT HOLE PATTERNS

WS220 - P61



WOLVERINE BOLT HOLE PATTERN



DDM PROMOTIONS

GOOD

El Toro
SINTERED SEGMENTS

Size: 12" x 10" x 1-1/2mm, 12" x 10" x 1-1/2mm, 14" x 10" x 1-1/2mm, 16" x 10" x 1-1/2mm
Part Number: DSG60, DSG620, M600, M6200
Application Performance: 12mm Segment
Cured Concrete, Brick & Pavers, Black, Asphalt, Green Concrete

BETTER

NCS
LASER WELDED

Size: 12" x 10" x 1-1/2mm, 14" x 10" x 1-1/2mm, 16" x 10" x 1-1/2mm, 18" x 10" x 1-1/2mm
Part Number: NCS600, NCS640, NCS620, NCS625
Application Performance: .300 Diamond Depth
Cured Concrete, Brick & Pavers, Black, Asphalt, Green Concrete

BEST

DSL
LASER WELDED

Size: 12" x 10" x 1-1/2mm, 14" x 10" x 1-1/2mm, 16" x 10" x 1-1/2mm, 18" x 10" x 1-1/2mm
Part Number: DSL600, DSL640, DSL620, DSL625
Application Performance: .350" Diamond Depth
Cured Concrete, Brick & Pavers, Black, Asphalt, Green Concrete

DDM CONCUT DIAMOND TOOLS
Wet Coring Cured Concrete

GOOD BETTER BEST

DDM CONCUT DIAMOND TOOLS

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COUNTER TOP MAT

DDM PART #CTMAT

LIST PRICE \$20

DDM CONCUT DIAMOND TOOLS

**Diamond Blades
Core Bits - Hand Tools
Cup Wheels - Equipment**

AMERICAN MADE QUALITY DIAMOND PRODUCTS
SINCE 1969

DSG Charger Series
Made in USA
CONCRETE

NCS Value Series
Made in USA
PURPOSE

DSLP18 Signature Series
Made in USA
CONCRETE

DDM CONCUT

BEAVER BIT
BEAVER BIT

VINYL BANNER

48" WIDE X 24" TALL

DDM PART # BANNER

LIST PRICE \$30

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 is too hard for material. Saw is in need of repair. Blade mounted improperly. Overheating. Twisting while cutting or attempting to cut curves.
- Solution** Specify a softer 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** 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** Return blade to factory for repair. 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.



ORDERING, TERMS & WARRANTY

TERMS OF SALE

MINIMUM ORDER - None

TAXES apply to all product sales unless a tax exempt certificate is provided.

WARRANTY

ALL DIAMOND TOOLS ARE WARRANTED AGAINST MANUFACTURING DEFECTS FOR THE LIFE OF THE PRODUCT.

Applicability of warranty will be determined ONLY after inspection by a qualified DDM-CONCUT representative. DDM-CONCUT may pro-rate any warranty claim based upon a fair percentage of tool life prior to failure. Any tool covered under warranty will be replaced or repaired at the discretion of DDM-CONCUT. Warranty items include labor, parts, and return service shipping via UPS Ground or best-way.

RETURNED GOODS AUTHORIZATION (RGA) must be issued by a DDM-CONCUT customer service representative and must accompany all items returned to the factory. Please have the following information before you call for an RGA: type and size of tool, Part #, serial number, equipment used, and material being cut.

RESTOCKING FEES may apply to the return of any non-catalog item.

ORDERING INFORMATION

PLACE ORDERS with your local distributor, a DDM-CONCUT sales representative, customer service representative, by phone, fax, or e-mail. If you need help selecting tools, DDM-CONCUT will be glad to help you specify the tools you need. You do not need specific item numbers when placing orders.

DISTRIBUTION POLICY: Orders will be processed for customers with accounts in our system. DDM-CONCUT sales policy is to guide consumers to approved distributors whenever possible.

ITEM NUMBERS identify the specific tool you are ordering. DDM-CONCUT item numbers are used during order entry, and appear on picking tickets, packing slips, and invoices.

SHIPPING POLICY

- Minimum Order Requirement for Prepaid Ground Freight is \$400.00 of blades or core bits
- International shipments- All prepaid and add or collect
- ICS Chain/Bars, All parts and equipment are all shipped prepaid and add

DDM CONCUT

DIAMOND TOOLS

DDM-CONCUT is the largest American owned diamond tool manufacturer in North America. We are committed to manufacturing the best products in the industry backed by the best trained professionals in the industry.

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253-872-3507
253-872-8945 Fax

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Lilburn, GA 30047
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770-921-4370 or 800-256-3304 Fax

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