



# StarDiamond™

LAUNCHED BY INNOVATION, POWERED BY PERFORMANCE



DIAMOND TOOLS • EQUIPMENT • DUSTLESS SOLUTIONS

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## HOW TO ORDER

We're here to help you choose the best product for your application, the first time. Here's the information we need in order to recommend the right product.

- 1. What type of machine is it going on?** Each machine has its own operating parameters and the tools are specifically designed to operate to those specifications. Mismatching tools to equipment will reduce the tool's operating life and efficiency, and could make it dangerous to operate.
- 2. What size is needed?** Tool size is limited to the manufacturers specifications for that machine based on power, blade guards and safe operating practices. Diameter and arbor size are required.
- 3. What type of material are you working?** Tools must be matched to the material's hardness. Hard materials like reinforced concrete and granite are dense and require an aggressive cutting action to maintain production speeds. Soft and abrasive materials like block or asphalt require the tool be wear resistant to provide longer life. Using the wrong "spec" will result either in premature wear or the tool glazing over and not cutting.
- 4. What quality level is needed?** The tool quality level is determined by diamond segment height, diamond concentration levels and diamond crystal quality. Usually the higher quality tool will result in faster production speeds and much longer tool life.
- 5. Wet or dry application.** If the equipment has a built-in wet system, using water will extend the tool's life by 30%. When working wet, ensure that the slurry is properly disposed of per local environmental regulations. When working dry, make sure the necessary personal safety equipment is used to reduce the operator's exposure to silica dust.

	General Concrete	Asphalt	Reinforced Concrete	Concrete Block	Refractory Tile	1/2" Hard 20% Brick	3/4" Hard 20% Brick	Medium Brick	General Concrete	Concrete Pipe	Medium Floor	Limestone	Marble	Granite	Hard Floor	Concrete Tile	Marble Tile	Scratch Tile	Refractory Wet Brick	
<b>BOND CODE 1</b>															★	★	★	★	★	★
<b>BOND CODE 1-3</b>									★	★	★	★	★	★	★	★	★	★	★	★
<b>BOND CODE 3</b>			◆	◆	◆	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
<b>BOND CODE 3-5</b>	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
<b>BOND CODE 5</b>	★	★	★	★	★	★	◆													



**CORRECT APPLICATION**



**ALTERNATIVE APPLICATION**  
(Subject to shorter life)

# UNDERSTANDING OUR SPECIFICATIONS

## SUGGESTED BOND CODES FOR MATERIAL APPLICATIONS

Bond code specifications determine which materials the product is designed to cut. There are five bond types to meet all cutting applications.

### BOND CODE 1 = VERY HARD MATERIALS

Granite, Porcelain and Marble Tile, Very Hard Refractory and Brick.

### BOND CODE 1-3 = SEMI HARD MATERIALS

Granite, Brick, Pavers, Flagstone, Natural Stone, Medium Refractory, Cured Concrete, Concrete Pipe.

### BOND CODE 3 = MEDIUM MATERIALS

Cured Concrete, Limestone, Medium Pavers, Concrete Pipe, Medium Brick, 80% Brick/20% Block.

### BOND CODE 3-5 = COMBINATION MEDIUM, SOFT AND ABRASIVE MATERIALS

Cured Concrete, Limestone, Medium Pavers, Concrete Pipe, Medium Brick, 50% Brick/50% Block, Asphalt, Green Concrete, Concrete Block, Sandstone, Roofing Tile.

### BOND CODE 5 = SOFT AND ABRASIVE MATERIALS

Asphalt, Green Concrete, Concrete Block, Sandstone, Roofing Tile, 80% Block/20% Brick

## PRODUCT QUALITY LEVELS



For the professional contractor who demands proven tool performance with a low initial cost.



Extra long life and solid performance under normal working conditions.



Superior performance and life under normal working conditions, and maximum performance under difficult or demanding applications.

## EQUIPMENT GUIDE



CORE DRILL



HIGH SPEED SAW



MASONRY SAW



TILE SAW



ANGLE GRINDER



HAND SAW



BRIDGE SAW



HAND DRILL



GREEN CONCRETE



LOW HP SAW



HIGH HP SAW



FLOOR GRINDER

DIAMOND BLADE OPERATING SPEEDS	
DIAMETER	MAX. RPM'S
4"	15,000
5"	12,000
6"	10,000
7"	8,500
8"	7,500
10"	6,000
12"	6,300
14"	5,500
18"	3,200
20"	3,000

## SAFETY RECOMMENDATIONS

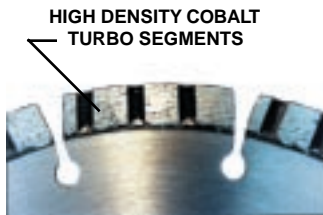
- Always use full personal safety equipment when operating diamond blades
- Match the blade specification to the material being cut
- Check equipment and blade for damage before using
- Ensure correct mounting of the blade on the equipment being used
- Inspect the blade periodically during use for damage
- Always operate blades with equipment safety guards in place
- Do not exceed maximum operating speed established for the blade diameter
- Do not force the blade to cut. Take only shallow (1/2" to 1") passes
- Cool blade every 30 seconds by allowing it to rotate freely without load



# OUR BRANDS / FEATURED PRODUCTS



**Built For Speed, Made to Last**



For the professional who demands quality and the lowest cost per cut. Our cobalt matrix combined with high quality diamonds make this the best dry cut diamond blade available. Cuts hard materials such as brick, pavers, reinforced concrete, natural stone and granite.



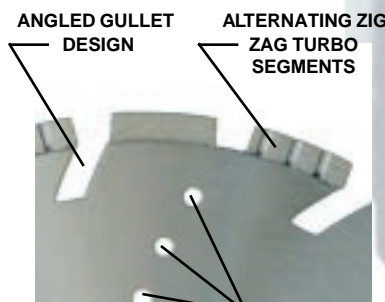
**Unstoppable Cutting on Very Hard Materials**



The wide angled gullet design makes this a very fast blade for cutting hard materials like natural stone, granite, brick and pavers.



**For Fast Cutting**



Alternating Zig Zag turbo segments, special angled gullets and exclusive COOL CORE design clears dust and prevents jamming due to overheating. This results in a much safer product for the operator and smoother cutting performance.

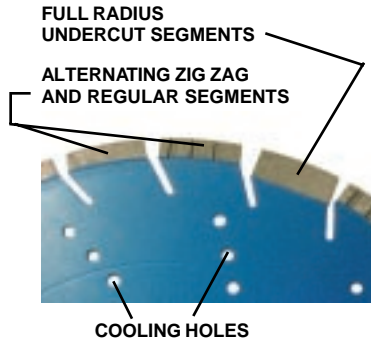
CORE COOLING HOLES

TOLL FREE 1-800-282-6470 [www.stardiamondtools.com](http://www.stardiamondtools.com)

# OUR BRANDS / FEATURED PRODUCTS



## HYBRID



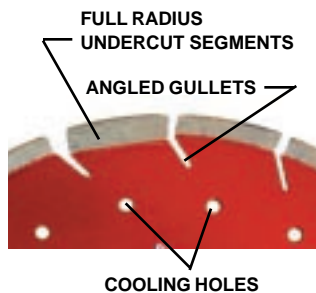
Very fast cutting of a wide range of very hard to medium materials like granite, stone, pavers, brick, refractory, and heavily reinforced concrete.

For the professional contractors who demand fast cutting speeds with excellent blade life.



## Trio

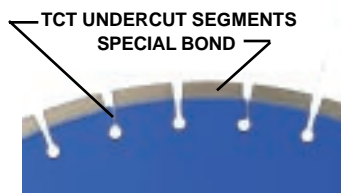
MULTI PURPOSE CUTTING • UNDERCUT PROTECTION • LONG LIFE



A Professional grade general-purpose blade. Cuts through concrete, brick, asphalt and block. Full Radius Undercut segments protect steel core from wearing when cutting abrasive materials.



## WONDER BLADE



Cut cured concrete, green concrete, asphalt and masonry with the same blade! Our special bond formulation and exclusive Tungsten Carbide Tip undercut protection make this our top performing combination blade.

# HIGH HORSEPOWER



**Professional Grade Cured and Asphalt cutting blades for 35-72 HP saws.**  
Laser welded with high diamond concentrations and featuring full radius undercut protection segments.



## Cured Concrete

Designed for fast cutting in hard aggregate and heavy rebar applications.

## Asphalt

Designed for hard aggregates and fast cutting.

24240	14" x .125" x 1" - pin
24250	18" x .125" x 1" - pin
24251	20" x .155" x 1" - pin
24260	24" x .155" x 1" - pin
26351	26" x .187" x 1" - pin
26361	30" x .187" x 1" - pin

24104	14" x .125" x 1" - pin
24312	18" x .155" x 1" - pin
24325	24" x .155" x 1" - pin
26452	26" x .187" x 1" - pin
26461	30" x .187" x 1" - pin

\*Additional sizes are available. Please ask your rep for details.

# HARD MATERIALS

**BOND CODE 1 & 1-3** (Granite, Hard Pavers, Reinforced Concrete, Refractory, Hard Brick, Natural Stone)

## ANGLE GRINDER / SKIL SAW / TILE SAW (4" - 10")



**Turbo Segmented  
Built For Speed**  
Features a solid heavy duty core to prevent flexing.



11207	4" x .095" x 7/8" - 5/8"
11208	4.5" x .095" x 7/8" - 5/8"
11209	5" x .095" x 7/8" - 5/8"
11206	7" x .095" x DM - 7/8" - 5/8"
11255	8" x .095" x DM - 7/8" - 5/8"
11256	10" x .110" x 1" - 5/8"



**Continuous Turbo Rim**  
For smooth chip free cutting of critically hard materials.



11002	4" x .080" x 7/8" - 5/8"
11004	4.5" x .080" x 7/8" - 5/8"
11102	5" x .080" x 7/8" - 5/8"
11104	6" x .095" x 7/8" - 5/8"
11202	7" x .095" x DM - 7/8" - 5/8"
11252	8" x .095" x DM - 7/8" - 5/8"
11257	10" x .110" x 1" - 5/8"

# HARD MATERIALS

**BOND CODE 1 & 1-3** (Granite, Hard Pavers, Reinforced Concrete, Refractory, Hard Brick, Natural Stone)

## HIGH SPEED SAW / MASONRY SAW (12" - 20")



### ★★★★★ MAX+

*Designed to cut the hardest materials at an economical price.*



10230	12" x .125" x 1" - 20mm
10231	12" x .125" x 20mm
10232	14" x .125" x 1" - 20mm
10233	14" x .125" x 20mm
10234	16" x .125" x 1" - 20mm



### ★★★★★ HYBRID

*Very fast cutting of hard materials like granite, pavers, refractory, bricks and cured concrete.*



10280	12" x .125" x 1" - 20mm
10281	14" x .125" x 1" - 20mm
10282	16" x .125" x 1" - 20mm



### ★★★★★ Signature

*Superior Performance  
Extra long life under demanding applications.*



10350	14" x .085" x 1"
10352	14" x .125" x 1" - 20mm
10357	18" x .125" x 1"



### ★★★★★ ZIGZAG

*Turbo Segmented  
Built For Speed  
Fast and smooth cutting of very hard materials.*



11353	12" x .125" x 1" - 20mm
11354	12" x .125" x 20mm
11362	14" x .125" x 1" - 20mm
11365	14" x .125" x 20mm
11364	16" x .125" x 1" - 20mm
11370	16" x .125" x 20mm
11366	18" x .125" x 1"
11367	20" x .135" x 1"



### ★★★★★ SHARK

*Aggressive Cutting  
Wide angle gullet design  
for very fast cutting on very hard materials.*

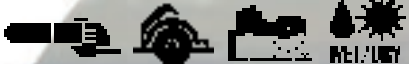


11112	12" x .125" x 1" - 20mm
11113	12" x .125" x 20mm
11114	14" x .125" x 1" - 20mm
11115	14" x .125" x 20mm
11116	16" x .125" x 1" - 20mm
11120	20" x .142" x 1"

# MEDIUM MATERIALS

**BOND CODE 3** (Cured Concrete, Med. Pavers, Med. Brick, Concrete Pipe, Limestone)

## ANGLE GRINDER / SKIL SAW / TILE SAW (4" - 10")



**The Economical Choice**  
for the professional contractor who demands proven tool performance.

**SEGMENTED**

- 12006 4" x .080" x 7/8" - 5/8"
- 12046 4.5" x .080" x 7/8" - 5/8"
- 12051 5" x .080" x 7/8" - 5/8"
- 12061 6" x .080" x 7/8" - 5/8"
- 10103 7" x .095" x DM - 7/8" - 5/8"
- 10106 10" x .100" x DM - 7/8" - 5/8"

**TURBO**

- 11003 4" x .080" x 7/8" - 5/8"
- 11009 4.5" x .080" x 7/8" - 5/8"
- 11013 5" x .080" x 7/8" - 5/8"
- 11014 6" x .080" x 7/8" - 5/8"
- 11197 7" x .095" x DM - 7/8" - 5/8"
- 11015 10" x .100" x DM - 7/8" - 5/8"



**Extra Long Life**  
with solid performance under normal working conditions.

**SEGMENTED**

- 12001 4" x .080" x 7/8" - 5/8"
- 12044 4.5" x .080" x 7/8" - 5/8"
- 12050 5" x .080" x 7/8" - 5/8"
- 12060 6" x .080" x 7/8" - 5/8"
- 10100 7" x .095" x DM - 7/8" - 5/8"
- 10150 8" x .095" x DM - 7/8" - 5/8"
- 10202 9" x .100" x DM - 7/8" - 5/8"
- 10250 10" x .100" x 1" - 5/8"

**TURBO**

- 11000 4" x .080" x 7/8" - 5/8"
- 11007 4.5" x .085" x 7/8" - 5/8"
- 11005 5" x .080" x 7/8" - 5/8"
- 11103 6" x .090" x 7/8" - 5/8"
- 11199 7" x .090" x DM - 7/8" - 5/8"
- 11253 8" x .090" x DM - 7/8" - 5/8"
- 11254 9" x .100" x DM - 7/8" - 5/8"
- 11302 10" x .100" x 1" - 5/8"



**Turbo Segmented**  
**Built For Speed**  
Features a solid heavy duty core to prevent flexing.

**TURBO**

- 11207 4" x .095" x 7/8" - 5/8"
- 11208 4.5" x .095" x 7/8" - 5/8"
- 11209 5" x .095" x 7/8" - 5/8"
- 11206 7" x .095" x DM-7/8" - 5/8"
- 11255 8" x .095" x DM-7/8" - 5/8"
- 11256 10" x .110" x 1" - 5/8"



**Quickly Remove**  
damaged mortar or clean out joints in concrete.

**TUCK POINT**

- 12004 4" x .250" x 7/8" - 5/8"
- 12016 4" x .375" x 7/8" - 5/8"
- 12045 4.5" x .250" x 7/8" - 5/8"
- 12009 5" x .250" x 7/8" - 5/8"
- 12018 5" x .375" x 7/8" - 5/8"
- 12007 7" x .250" x 7/8" - 5/8"
- 12008 8" x .250" x 7/8" - 5/8"

**SANDWICH TUCK POINT**

- 12250 4" x .250" x 7/8" - 5/8"
- 12251 4.5" x .250" x 7/8" - 5/8"
- 12252 5" x .250" x 7/8" - 5/8"
- 12253 7" x .250" x 7/8" - 5/8"



**Aggressive Routing**  
of random cracks in concrete

**CRACK CHASER**

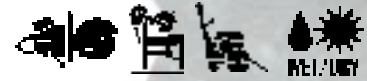
- 12010 4" x .375" x 7/8" x 5/8"
- 12017 4.5" x .375" x 7/8" x 5/8"
- 12014 5" x .375" x 7/8" x 5/8"
- 12011 7" x .375" x 7/8" x 5/8"



# MEDIUM MATERIALS

**BOND CODE 3** (Cured Concrete, Med. Pavers, Med. Brick, Concrete Pipe, Limestone)

## HIGH SPEED / MASONRY SAW / LOW HP (12" – 20")



**MAX**  
PROVEN PERFORMANCE

**The Economical Choice**  
for the professional contractor  
who demands proven  
tool performance.

10212	12" x .125" x 1" - 20mm - pin
10213	12" x .125" x 20mm
10214	14" x .125" x 1" - 20mm - pin
10215	14" x .125" x 20mm
10216	16" x .125" x 1" - 20mm - pin
10218	18" x .125" x 1" - pin
10220	20" x .125" x 1" - pin



**JUNIOR**

**Extra Long Life**  
with solid performance under  
normal working conditions.

10361	12" x .125" x 1" - 20mm - pin
10362	14" x .125" x 1" - 20mm - pin
10364	16" x .125" x 1" - 20mm - pin
10365	18" x .142" x 1" - pin
10366	20" x .142" x 1" - pin



**Signature**

**Superior Performance**  
and extra long life under  
normal and demanding  
applications.

10300	12" x .125" x 1" - 20mm
10311	12" x .125" x 20mm
10401	14" x .125" x 1" - 20mm - pin
10403	14" x .125" x 20mm
22303	14" x .250" x 1" - 20mm - pin
10450	16" x .125" x 1" - 20mm - pin
10420	18" x .142" x 1" - pin
10500	20" x .142" x 1" - pin

## HIGH SPEED / MASONRY SAW (12" – 20")



**ZIGZAG**

**TURBO SEGMENTED**  
**Built For Speed**  
Fast and smooth  
cutting action.

11353	12" x .125" x 1" - 20mm
11354	12" x .125" x 20mm
11362	14" x .125" x 1" - 20mm
11365	14" x .125" x 20mm
11364	16" x .125" x 1" - 20mm
11370	16" x .125" x 20mm
11366	18" x .125" x 1"
11367	20" x .135" x 1"



**COOL CORE**

**For Cool Cutting**  
Alternating Zig Zag segments,  
special angled gullets, and  
exclusive COOL CORE design.

10380	12" x .125" x 1" - 20mm
10381	12" x .125" x 20mm
10390	14" x .125" x 1" - 20mm
10391	14" x .125" x 20mm
10394	16" x .125" x 1" - 20mm

# COMBINATION BLADES

## HIGH SPEED SAW / MASONRY SAW (12" - 16")



**BOND CODE 1-3** (Combination Very Hard, Semi Hard and Medium Materials)



★★★★★ **HYBRID**

**Hard to Medium Materials**  
*Very fast cutting of hard materials like granite, pavers, refractory, bricks and cured concrete.*



- 10280 12" x .125" x 1" - 20mm
- 10281 14" x .125" x 1" - 20mm
- 10282 16" x .125" x 1" - 20mm

## HIGH SPEED SAW / MASONRY / LOW HP SAW (12" - 20")



**BOND CODE 3-5** (Combination Medium, Soft, and Abrasive Materials)



★★★★★ **Trio**  
MULTI PURPOSE CUTTING - UNDERCUT PROTECTION - LONG LIFE

**Medium to Soft Materials**  
*Professional General Purpose blade for concrete and asphalt applications.*



- 10412 12" x .125" x 1" - 20mm - pin, U/C
- 10414 14" x .125" x 1" - 20mm - pin, U/C
- 10416 16" x .125" x 1" - 20mm - pin, U/C
- 10424 18" x .142" x 1" - pin, U/C
- 10425 20" x .142" x 1" - pin, U/C



★★★★★ **WONDER**  
BLADE

**Medium to Soft Materials**  
*Cut cured concrete, green concrete, asphalt and masonry with one blade!*



- 10304 12" x .125" x 1" - 20mm - pin, TCT
- 10400 14" x .125" x 1" - 20mm - pin, TCT
- 10408 16" x .125" x 1" - 20mm - pin, TCT
- 10404 18" x .125" x 1" - pin, TCT
- 10430 20" x .142" x 1" - pin, U/C

## MULTI-CUT BLADE FOR HIGH SPEED (12" - 16")



**BOND CODE 1-5** (Combination Very Hard, Semi Hard, Medium, Soft and Abrasive Materials)



★★★★★ **MULTI-CUT**

**Cut Virtually Anything**  
 Concrete, PVC pipe, Ductile and Cast Iron Pipe, Wood, Stone, Sheet Metal and Steel.  
 The blade has a single row of diamond which is vacuum brazed to the cutting edges. The sides of the blade also have a coating of carbide grit to bevel pipe.

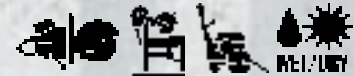


- 87121 12" x .125" x 1" - 20mm
- 87141 14" x .125" x 1" - 20mm
- 87161 16" x .125" x 1" - 20mm

# SOFT MATERIALS

**BOND CODE 5** (Asphalt, Green Concrete, Block)

## HIGH SPEED/LOW HP/MASONRY SAWS (12" - 20")



**MAX**  
PROVEN PERFORMANCE

**The Economical Choice**  
for the professional contractor  
who demands proven  
tool performance.

24112	12" x .125" x 1" - 20mm - pin
24114	14" x .125" x 1" - 20mm - pin
24116	16" x .125" x 1" - 20mm - pin
24118	18" x .142" x 1" - pin
24119	20" x .155" x 1" - pin



**JUNIOR**

**Extra Long Life**  
with solid performance under  
normal working conditions.

24006	12" x .125" x 1" - 20mm - pin
24007	14" x .125" x 1" - 20mm - pin
24008	16" x .125" x 1" - 20mm - pin
24009	18" x .142" x 1" - pin
24010	20" x .155" x 1" - pin



**Signature**

**Superior Performance**  
and extra long life under  
normal and demanding  
applications.

24003	12" x .125" x 20mm
24004	12" x .125" x 1" - 20mm - pin
24101	14" x .125" x 1" - 20mm - pin
24200	16" x .125" x 1" - 20mm - pin
24316	18" x .125" x 1" - pin
10510	20" x .155" x 1" - pin

# CARBIDE BLADES

## ANGLE GRINDER / SKIL SAW (4" - 7")



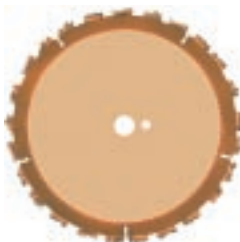
**Signature**

**CCC**  
Safely and quickly remove  
semi-rigid joint sealant  
material from joint sidewalls.



80041	4" x .150" x 7/8" - 5/8"
80040	4" x .250" x 7/8" - 5/8"
80042	7" x .250" x 7/8" - 5/8"

## HIGH SPEED SAW (12" - 16")



**Signature**

**RCA Demolition Blade**  
Cuts stubborn material that  
diamond or abrasives can't.  
Wood, tree roots, ice, tar and  
gravel roofing, asphalt  
shingles, sheet metal, plastic.



80000	12" x .250" x 1" - 20mm
81000	12" x .250" x 20mm
85000	14" x .250" x 1" - 20mm
86000	14" x .250" x 20mm
87000	16" x .250" x 1"

# TILE BLADES



## ANGLE GRINDER / SKIL SAW / TILE SAW / MASONRY SAW (4" - 14")



*Signature*

**Ceramic Tile**  
Precise chip free cutting  
of ceramic tile, marble  
and natural stone



### CERAMIC

- 20000 4" x .060" x 7/8" - 5/8"
- 20045 4.5" x .060" x 7/8" - 5/8"
- 20001 5" x .060" x 7/8" - 5/8"
- 20002 6" x .060" x 7/8" - 5/8"
  
- 21002 7" x .060" x DM - 7/8" - 5/8"
- 21102 8" x .060" x 5/8"
- 21201 10" x .060" x 5/8"
- 21202 10" x .060" x 1" - 5/8"
- 21302 12" x .080" x 1"
- 21402 14" x .090" x 1"



*Signature*

**Glass Tile**  
Chip free and clean  
cutting of glass tile.



### GLASS

- 13003 7" x .065" x 5/8"
- 13004 8" x .050" x 5/8"
- 13001 10" x .065" x 5/8"
- 13006 12" x .080" x 1"



**The Ultimate Tile Blade**  
Fast and clean cutting of the  
hardest porcelain tiles and  
natural stone.

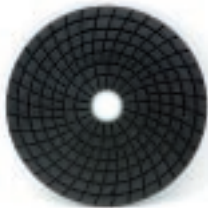


### PORCELAIN

- 21240 4" x .060" x 7/8" - 5/8"
- 21245 4.5" x .060" x 7/8" - 5/8"
- 21250 5" x .060" x 7/8" - 5/8"
- 21260 6" x .060" x 7/8" - 5/8"
  
- 21270 7" x .060" x DM - 7/8" - 5/8"
- 21280 8" x .080" x 7/8" - 5/8"
- 21206 10" x .080" x 5/8"
- 21212 12" x .080" x 1"
- 21214 14" x .090" x 1"



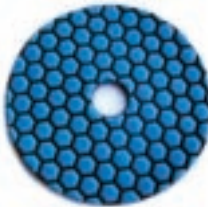
# POLISHING PADS



**Premium Polishing Pads**  
Wet or Dry polishing of  
natural stone or concrete.



- |                    |                    |
|--------------------|--------------------|
| 60055 4" 50 grit   | 70051 5" 50 grit   |
| 60105 4" 100 grit  | 70101 5" 100 grit  |
| 60205 4" 200 grit  | 70201 5" 200 grit  |
| 60405 4" 400 grit  | 70401 5" 400 grit  |
| 60805 4" 800 grit  | 70801 5" 800 grit  |
| 61505 4" 1500 grit | 71501 5" 1500 grit |
| 63005 4" 3000 grit | 73001 5" 3000 grit |



**Dry Polishing Pads**  
The honeycomb style  
provides very aggressive dry  
grinding and polishing of  
natural stone and concrete.



- |                    |                    |
|--------------------|--------------------|
| 60057 4" 50 grit   | 71601 5" 50 grit   |
| 60107 4" 100 grit  | 71602 5" 100 grit  |
| 60207 4" 200 grit  | 71603 5" 200 grit  |
| 60407 4" 400 grit  | 71604 5" 400 grit  |
| 60807 4" 800 grit  | 71605 5" 800 grit  |
| 61507 4" 1500 grit | 71606 5" 1500 grit |
| 63007 4" 3000 grit | 71607 5" 3000 grit |



**Velcro Backing Pad**

- 69000 4" 5/8" - 11 Thread
- 69001 5" 5/8" - 11 Thread

# DRY CORE BITS



## Masonry & Concrete

*Features Zig Zag laser welded turbo segments and a special barrel with cooling slots and spiral grooves. Fast and cool drilling in concrete block and masonry materials. No water needed for easy clean up.*



30104	1"	5/8"	- 11 Thread
30124	1 1/4"	5/8"	- 11 Thread
30154	1 1/2"	5/8"	- 11 Thread
30174	1 3/4"	5/8"	- 11 Thread
30204	2"	5/8"	- 11 Thread
30254	2 1/2"	5/8"	- 11 Thread
30304	3"	5/8"	- 11 Thread
30354	3 1/2"	5/8"	- 11 Thread
30404	4"	5/8"	- 11 Thread
30454	4 1/2"	5/8"	- 11 Thread
30504	5"	5/8"	- 11 Thread
30604	6"	5/8"	- 11 Thread



## Stone & Tile

*Comes with a 1/2" shank and removable pilot bit. These bits feature a thin rim turbo segment for precise and fast drilling of most tiles and hard stone.*



45106	1"		
45204	1 1/4"		
45304	1 3/8"		
45404	1 1/2"		
45604	2"		

# WET CORE BITS



## TURBO - Built For Speed with Removable Flip Top Adaptor

*Laser welded Turbo segments for fast drilling in heavily reinforced concrete.*

*Removable back adaptor to free jammed cores.*

*Drilling depth on bits from 1" to 6" sizes can be extended by adding 12" core bit tube extensions.*



30050	1/2"	5/8"	- 11 Thread
30058	5/8"	5/8"	- 11 Thread
30075	3/4"	5/8"	- 11 Thread
30080	7/8"	5/8"	- 11 Thread
30121	1"	5/8"	- 11 Thread
30112	1 1/8"	5/8"	- 11 Thread
30127	1 1/4"	5/8"	- 11 Thread
31150	1 1/2"	5/8"	- 11 Thread
30176	1 3/4"	5/8"	- 11 Thread
30221	2"	1 1/4"	- 7 Thread
30215	2 1/4"	1 1/4"	- 7 Thread
30253	2 1/2"	1 1/4"	- 7 Thread
30321	3"	1 1/4"	- 7 Thread
30315	3 1/4"	1 1/4"	- 7 Thread
30352	3 1/2"	1 1/4"	- 7 Thread
30421	4"	1 1/4"	- 7 Thread
30427	4 1/4"	1 1/4"	- 7 Thread
30453	4 1/2"	1 1/4"	- 7 Thread
30502	5"	1 1/4"	- 7 Thread
30621	6"	1 1/4"	- 7 Thread
30625	6 1/4"	1 1/4"	- 7 Thread
30651	6 1/2"	1 1/4"	- 7 Thread
30702	7"	1 1/4"	- 7 Thread
30802	8"	1 1/4"	- 7 Thread
30902	9"	1 1/4"	- 7 Thread
31002	10"	1 1/4"	- 7 Thread
31201	12"	1 1/4"	- 7 Thread
31406	14"	1 1/4"	- 7 Thread

# CORE BIT TUBE EXTENSIONS



**Increase Drilling Depth**  
 Tube extensions are 12" in length.  
 For use on Zig Zag wet core bits.

32101	1"
32125	1 1/4"
32150	1 1/2"
32200	2"
32250	2 1/2"
32300	3"
32350	3 1/2"
32400	4"
32500	5"
32600	6"

# CORE DRILL ACCESSORIES



31203	12" Rod Extension	5/8" - 11 Thread
31202	12" Rod Extension	1 1/4" - 7 Thread
31204	Reducer Down	1 1/4" - 7 Female to 5/8" - 11 Male
31205	Reducer Up	5/8" - 11 Female to 1 1/4" Male
31314	H Adaptor	1 1/4" Male to 3 slot female quick connect
31614	H Adaptor	1 1/4" Male to 6 slot female quick connect
31358	H Adaptor	5/8" - 11 Male to 3 slot female quick connect
31658	H Adaptor	5/8" - 11 Male to 6 slot female quick connect
62101	Water Swivel	1/2" Shank to 5/8" - 11 Male (Drill)
62102	Water Swivel	5/8" - 11 Female to 5/8" - 11 Male (Grinder)

# RING SAW BLADE



**Professional quality ring saw blades.**



10405	14" x .163" for heavily reinforced concrete
10409	14" x .163" for soft abrasive concrete / block
10407	Drive Wheel – provided with each new ring saw blade

# ACCESSORIES



**FLUSH CUT**  
10030



**RE-USABLE ADAPTOR**  
14802



**BIT WATER SWIVEL**  
62101



**GRINDING CUP WATER SWIVEL**  
62102

# SURFACE PREP - GRINDING WHEELS

**BOND CODE 1-3** (Concrete, Granite, Masonry, Natural Stone)

**ANGLE GRINDER (4" - 7")**



**Proven Performance**  
for the professional contractor.



## Single Row

- 14010 4" x 5/8" - 11 Thread
- 14011 4" x 7/8" - 5/8"
- 14012 4.5" x 5/8" - 11 Thread
- 14013 4.5" x 7/8" - 5/8"
- 14014 5" x 5/8" - 11 Thread
- 14016 7" x 5/8" - 11 Thread

## Double Row

- 14020 4" x 5/8" - 11 Thread
- 14021 4" x 7/8" - 5/8"
- 14022 4.5" x 5/8" - 11 Thread
- 14023 4.5" x 7/8" - 5/8"
- 14024 5" x 5/8" - 11 Thread
- 14025 5" x 7/8" - 5/8"
- 14026 7" x 5/8" - 11 Thread
- 14027 7" x 7/8" - 5/8"

## Swirly

- 14030 4" x 5/8" - 11 Thread
- 14031 4" x 7/8" - 5/8"
- 14032 4.5" x 5/8" - 11 Thread
- 14033 4.5" x 7/8" - 5/8"
- 14034 5" x 5/8" - 11 Thread
- 14035 5" x 7/8" - 5/8"
- 14036 7" x 5/8" - 11 Thread, 12 Seg
- 14037 7" x 7/8" - 5/8", 12 Seg
- 14038 7" x 5/8" - 11 Thread, 24 Seg
- 10439 7" x 7/8" - 5/8", 24 Seg



**Superior Performance**  
and extra long life under normal and demanding applications.



## Single Row

- 14002 4" x 7/8" - 5/8"
- 14003 4" x 5/8" - 11 Thread
- 14004 4.5" x 7/8" - 5/8"
- 14005 4.5" x 5/8" - 11 Thread
- 14202 5" x 7/8" - 5/8"
- 14203 5" x 5/8" - 11 Thread
- 14402 7" x 7/8" - 5/8"
- 14403 7" x 5/8" - 11 Thread

## Double Row

- 14102 4" x 7/8" - 5/8"
- 14103 4" x 5/8" - 11 Thread
- 14104 4.5" x 7/8" - 5/8"
- 14108 4.5" x 5/8" - 11 Thread
- 14302 5" x 7/8" - 5/8"
- 14303 5" x 5/8" - 11 Thread
- 14502 7" x 7/8" - 5/8"
- 14503 7" x 5/8" - 11 Thread

## Swirly

- 14106 4" x 7/8" - 5/8", 9 Seg
- 14105 4" x 5/8" - 11 Thread, 9 Seg
- 14107 4.5" x 5/8" - 11 Thread, 9 Seg
- 14705 7" x 5/8" - 11 Thread, 12 Seg
- 14700 7" x 7/8" - 5/8", 24 Seg
- 14701 7" x 5/8" - 11 Thread, 24 Seg

## Turbo

- 14999 4" x 7/8" - 5/8"
- 15000 4" x 5/8" - 11 Thread
- 15201 4" x 5/8" - 11 Thread Medium
- 15202 4" x 5/8" - 11 Thread Fine
- 15006 4.5" x 7/8" - 5/8"
- 15009 4.5" x 5/8" - 11 Thread
- 15007 5" x 7/8" - 5/8"
- 15008 5" x 5/8" - 11 Thread
- 15702 7" x 7/8" - 5/8"
- 15703 7" x 5/8" - 11 Thread
- 15704 7" x 7/8" - 5/8" Fine
- 15705 7" x 5/8" - 11 Thread Fine

## SPECIALTY GRINDING WHEELS



**Fits popular dustless grinding systems using 150mm (6") diamond discs with boomerang and spike diamond segments.**



**COATING REMOVAL**  
15107 6" x 19mm



**COARSE 30/40 GRIT**  
15108 6" x 19mm



**FINE 100/120 GRIT**  
15109 6" x 19mm

TOLL FREE 1-800-282-6470 [www.stardiamondtools.com](http://www.stardiamondtools.com)

# SURFACE PREP - GRINDING WHEELS

## ANGLE GRINDER (4" - 7")



*Signature*



### Arrow Cups

15015 5" x 7/8" - 5/8"  
15017 7" x 7/8" - 5/8"



**Arrow shape segment gets underneath and grinds thick coatings, epoxy, urethane and other membrane materials from concrete.**



*Signature*



### Cupzilla

15012 5" x 5/8" - 11 Thread



**HUGE diamond segments on a flat steel body for super long life.**



*Signature*



### Flat Cups

14094 4" x 5/8" - 11 Thread  
14095 5" x 5/8" - 11 Thread  
14097 7" x 5/8" - 11 Thread



**Surface grind a large area and get a smoother finish with less gouging over conventional diamond cup styles.**



*Signature*



### PCD Cups

14611 5" x 7/8" w / removable 5/8" - 11 adaptor, 6 segment large PCD  
14608 7" x 7/8" w / removable 5/8" - 11 adaptor, 9 segment large PCD



**For removal of thick coatings, epoxies, urethane, paint, mastics, polyurea, polyaspartic coatings and other membranes from concrete. Use when diamond cups will not grind the material quickly enough or when the material gums up the diamond cup.**



*Signature*



### Silicon Carbide Abrasive Grinding Discs

15302 4.5" x 7/8" x 16 Grit  
15305 7" x 7/8" x 16 Grit



**Removes adhesives, paint, glue, mastics, epoxies, sealants and coatings from concrete surfaces without loading the disc or melting the material. The built in plastic backer makes the disc firm but flexible and attaches directly to the grinder.**



# SURFACE PREP - FLOOR GRINDING

## FLOOR GRINDER



*Signature*



**Star Bars**  
One-piece hollow core design for grinders with multi-accessory discs.



### HARD CONCRETE

- 14324 4" x 2" x 2" 20 Grit / Silver
- 14320 4" x 2" x 2" 30 Grit / Gold
- 14322 4" x 2" x 2" 80 Grit / Green
- 14323 4" x 2" x 2" 120 Grit / Blue

### ABRASIVE CONCRETE

- 14325 4" x 2" x 2" 30 Grit / Red

### WEDGES

- 12160 Wooden Wedges (Supplied with each Bar)



*Signature*



**10" Grinding Head**  
For wet or dry grinding on standard 10" grinders.



### HARD CONCRETE

- 14810 10" x 10 Segments
- 14800 10" x 20 Segments

### ABRASIVE CONCRETE

- 14815 10" x 20 Segments



*Signature*



**10" Arrow Grinding Head**  
Arrow shape gets under thick coatings for quick removal.



- 18400 10" x10 Segments
- 18401 10" x 20 Segments



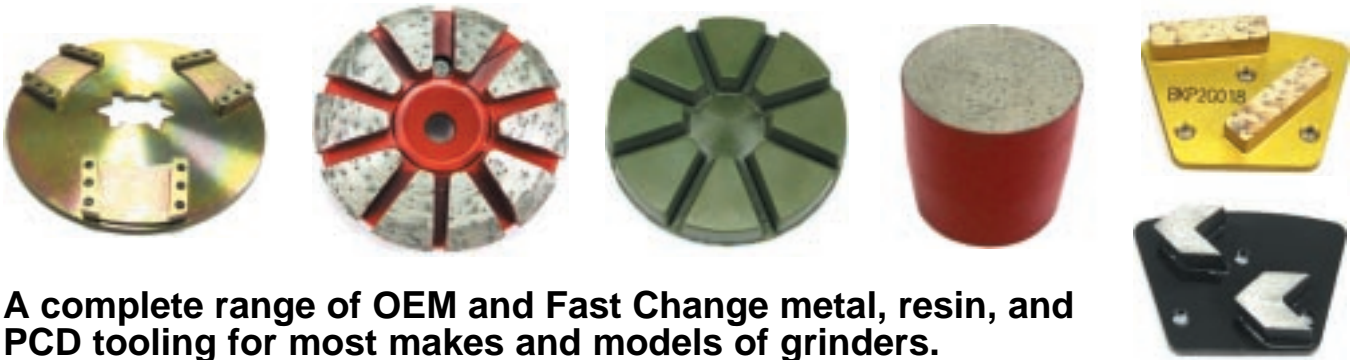
*ZIGZAG*



**10" Fast Change Grinding Plate**  
Quickly change out diamond or PCD tooling and increase your grinder's versatility to prep, grind or hone. A full range of Diamond and PCD fast change tooling is available.

- 18300 10" Fast Change Grinding Plate

## CONCRETE GRINDING & POLISHING DIAMOND/PCD TOOLING



A complete range of OEM and Fast Change metal, resin, and PCD tooling for most makes and models of grinders.

## Surface Preparation, Restoration, Drilling & Sawing Equipment



Equipment and Accessories for all your needs

# CONTROLLING SILICA DUST & PREVENTING SILICOSIS

**Silicosis is a form of occupational respiratory disease that is caused by the inhalation of airborne crystalline silica dust.**

Inflammation and scarring in the form of nodular lesions in the upper lobes of the lungs are the result of exposure. Shortness of breath, coughing, heart disease, tuberculosis and lung cancer have all been attributed to the breathing of silica dust in the workplace.

The most common cause of crystalline silica dust in the workplace is created by the grinding, cutting, coring, and drilling of concrete, stone and masonry materials. Silica dust is not visible to the naked eye, and once ingested, will permanently imbed into the lung.

To control silica dust, a blade guard or shroud with water spray can be used to keep the dust down.

For dry applications, the dust can be extracted at the source, using a dust shroud and a vacuum which has a HEPA filter. The HEPA filter captures the harmful silica particles and exhausts CLEAN air back into the work area.

A shop vac, or a non HEPA vacuum will NOT filter out the small, harmful airborne particles, but will simply exhaust them back into the working area. Because the airborne crystalline silica dust remains suspended in the air for hours, the use of a non HEPA vacuum will dramatically increase the silica dust concentration levels in the work area. Anyone who is not wearing the proper respiratory protection equipment, will now be exposed to a very high concentration of silica dust.

Many health professionals believe that crystalline silica dust is the “new” asbestos, and that diseases directly attributed to silicosis, will soon be the number one killer of construction workers.

We carry a full line of shrouds and equipment for the safe capture, containment and disposal of silica dust.



**HEPA RATED & CERTIFIED VACUUMS**



**NEGATIVE AIR MACHINE**

Clear a 15' x 15' room with an 8' ceiling in under 1 minute. 2000 CFM rating.



## INNOVATIVE PRODUCTS FOR CONCRETE SOLUTIONS

**We don't just sell products, we provide solutions.**

At StarDiamond, it is our belief that the customer always comes first. We back this up with high quality products, and excellent customer service.

With many years of experience, and with the support of our manufacturers, we can provide you with proven methods, techniques, tooling and equipment to get the job done fast and on budget.

We are also involved with Safety issues surrounding our industry, with the most important one being the control of Crystalline Silica Dust.

We are now providing our customers with ongoing education and the proper equipment for the safe containment, collection and disposal of silica dust.

StarDiamond provides high quality service, diamond tooling and equipment throughout North America. Our products will last longer and outperform most other products in the market today.

We welcome you to be a part of our team.



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**TOLL FREE FAX 1-800-282-6466**

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**[info@stardiamondtools.com](mailto:info@stardiamondtools.com)**



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