# Metal Bond Diamonds

## Color Reference Chart

### VSF SERIES - ORANGE

**VERY SOFT FLOOR**

Very Hard Bond for Very Soft Concrete

### SF SERIES - GOLD

**SOFT FLOOR**

Hard Bond for Soft Concrete

### MF SERIES - RED

**MEDIUM FLOOR**

Medium Bond for Medium Concrete

### HF SERIES - BLACK

**HARD FLOOR**

Soft Bond for Hard Concrete

### VHF SERIES - PURPLE

**VERY HARD FLOOR**

Very Soft Bond for Very Hard Concrete

### Xtreme HF SERIES - YELLOW

**Xtreme HARD FLOOR**

Extremely Soft Bond for Extremely Hard Concrete

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## FLOOR GRINDING

### VSF - Very Soft Floor - Orange

The VSF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for very soft concrete floors utilizing a very hard bond.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Grit</th>
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<tbody>
<tr>
<td>VSF 16/20</td>
<td>16/20</td>
<td>VSF 150</td>
<td>150</td>
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<tr>
<td>VSF 30/40</td>
<td>30/40</td>
<td>VSF 250/300</td>
<td>250/300</td>
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<tr>
<td>VSF 80/100</td>
<td>80/100</td>
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</table>

### SF - Soft Floor - Gold

The SF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for soft concrete floors utilizing a fairly hard bond.

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<tr>
<td>SF 30/40</td>
<td>30/40</td>
<td>SF 150</td>
<td>150</td>
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### MF - Medium Floor - Red

The MF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for medium concrete floors utilizing a medium bond.

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<tr>
<td>MF 16/20</td>
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<td>MF 80/100</td>
<td>80/100</td>
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<tr>
<td>MF 30/40</td>
<td>30/40</td>
<td>MF 150</td>
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</tbody>
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### HF - Hard Floor - Black

The HF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for hard concrete floors utilizing a fairly soft bond.

<table>
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<td>HF 80/100</td>
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<tr>
<td>HF 30/40</td>
<td>30/40</td>
<td>HF 150</td>
<td>150</td>
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### VHF - Very Hard Floor - Purple

The VHF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for very hard concrete floors utilizing a very soft bond.

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</thead>
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<td>VHF 80/100</td>
<td>80/100</td>
</tr>
<tr>
<td>VHF 30/40</td>
<td>30/40</td>
<td>VHF 150</td>
<td>150</td>
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### Xtreme HF - Xtreme Hard Floor - Yellow

The Xtreme HF metal bond diamond consists of two round 24(D) x 13(H)mm diamond segments and is designed for extremely hard concrete floors utilizing an extremely soft bond.

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<tr>
<td>VHF 30/40</td>
<td>30/40</td>
<td>VHF 150</td>
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</table>
The DYNO-E is an extremely aggressive PCD consisting of superior, high quality industrial grade polycrystalline segments. The total weight of the machine is transferred to the tips of the polycrystalline teeth. Without any support to hold the teeth back, the PCD aggressively grinds deep into the concrete surface with amazing speed. This configuration will quickly remove any topical substance and continue into the concrete to quickly expose large size aggregate. Please note that this diamond will leave severe scratch patterns.

The DYNO-XT is a semi-aggressive PCD tool consisting of a superior, high quality industrial grade polycrystalline most commonly used for exposing aggregate and removing coatings. The weight of the machine is partially supported by the large surface area of the two 30 grit diamond segments. These segments limit the PCD's penetration into the concrete. The 30 grit diamond segments lightly dress and help remove the severe marks left by the PCD grinding. This configuration will yield a higher total square foot life span while providing an aggressive rate of coating and concrete removal. Please note that this diamond tool will leave heavy to severe scratch patterns.

The HF SPLIT PCD is specifically designed for HARD floors utilizing a soft bond matrix. DDT’s Split PCD segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments. Split PCD’s should normally be used over traditional PCD segments when removing thin soft coatings.

The SF SPLIT PCD is specifically designed for SOFT floors utilizing a hard bond matrix. DDT’s Split PCD segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments. Split PCD’s should normally be used over traditional PCD segments when removing thin soft coatings.

The RAPTOR is specifically designed for coating removal and surface preparation. The 30/40 grit Metal Bond Diamonds along with the arrow shape and orientation of the segments provide for aggressive and high stock removal. The segment heights are 15mm and will provide extra long tool life on medium to hard concrete.

The Magnum VSF XLL was engineered as a long life segment for Very Soft Floors with a 16/20 grit diamond matrix. The Magnum VSF XLL is best utilized when conventional tooling wears out too quickly due to the abrasive and very soft concrete. The bond along with the 16/20 grit is excellent for removing thin to medium coatings, paint or thin-set.

The Magnum VSF XLL RIP was engineered with the same qualities that the Magnum VSF XLL segment possess except we added an exact amount of shrapnel PCD pieces strategically placed in the matrix in an upright orientation to be 100% effective when removing medium to heavy coatings. This provides for a sharp PCD edge during the grinding process. The PCD shrapnel breaks down the coatings easily and the 16/20 grit matrix smooth’s the PCD scratches. The Magnum VSF XLL RIP stands up to its name as it rips and tears without leaving a viscous scratch behind. Excellent for removing thin-set, parking deck coatings and more.

The Magnum VSF XLL - 16/20 Grit

The Magnum VSF XLL RIP - 16/20 Grit

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The Magnum VSF XLL - 16/20 Grit

The Magnum VSF XLL RIP - 16/20 Grit

The RAPTOR is specifically designed for coating removal and surface preparation. The 30/40 grit Metal Bond Diamonds along with the arrow shape and orientation of the segments provide for aggressive and high stock removal. The segment heights are 15mm and will provide extra long tool life on medium to hard concrete.

The RAPTOR - HF 30/40 Grit

The RAPTOR - SF 30/40 Grit

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The RAPTOR - HF 30/40 Grit

The RAPTOR - SF 30/40 Grit
2.4” Finger Resin Bond Diamond
Our full line of Finger Resin Bond Diamond tools provide an excellent finish and shine. The tooling is designed to give you an impressive shine at all the higher grit levels. The 50 and 100 grit resin bond diamonds provide an aggressive grind to remove the scratching from the metal bond diamond grinding.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Features
- Aggressive 50 and 100 grit resin bond diamond
- Economically priced
- Produces a long lasting shine
- Excellent square footage to cost ratio

2.4” Puck Resin Bond Diamond
Our full line of Puck Resin Bond Diamond tooling provides an excellent finish and shine especially when utilizing dyes in concrete polishing. The Puck Resin is designed with the intention to be used in the latter steps of polishing to avoid swirl marks that may occur with finger resin bond diamonds.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Features
- Resists swirl marks
- Economically priced
- Produces a long lasting shine
- Excellent square footage to cost ratio

3” Turbo-Shine Puck
The 3” Puck Resin Bond Diamond is used to polish concrete while resisting swirl marks. Provides an excellent finish and shine especially when utilizing dyes in concrete polishing.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Features
- Resists swirl marks
- Economically priced
- Produces a long lasting shine
- Excellent square footage to cost ratio

3” Ultra Resin Polishing Puck
The Ultra Resin Polishing Puck works very well on tippage floors. The resins produce a high shine with excellent clarity.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

3” Fusion Puck (Dry)
Used for DRY applications. This resin/copper pad contains copper powder and is used when transitioning from a metal bond diamond to a resin bond diamond. Use the Fusion Pad when a metal bond diamond is not required as the first step or when a resin bond diamond is not aggressive enough to begin the honing process. In addition, this pad is excellent to use when applying the Vexcon Fusion process to concrete floors.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Features
- Resists swirl marks
- Economically priced
- Produces a long lasting shine
- Excellent square footage to cost ratio

3” Fusion Puck (Wet)
Used for WET applications. This resin/copper pad contains small copper segments and is used to remove stubborn scratches created from metal bond diamonds. In addition, this pad is excellent to use when applying the Vexcon Fusion process to concrete floors.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Fan Resin Pad (Wet)
The Fan Resin Pad is used for WET applications on lighter weight machines. Pads are applied to any size floor machine drive pad.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

3”, 4” and 5” Dry Polishing Pad (DRY)
Used for DRY polishing concrete and granite.

Grit
- 50 Grit - Gray
- 100 Grit - Black
- 200 Grit - Blue
- 400 Grit - Red
- 800 Grit - White
- 1500 Grit - Yellow
- 3000 Grit - Green

Features
- 3”, 4” and 5” diameter, Velcro backed
- Use with a rigid or flexible backer pad
- Use with variable speed angle grinder

Dynamic Diamond Tooling
www.DynamicDiamondTooling.com
6" Dot Pad
The 6" Dot Resin Pad is used when more aggressive cutting is required in lower resin grits to remove previous scratches. This tool will fit the SASE edger.

- **Grit**
  - 50 Grit - Gray
  - 100 Grit - Black
  - 200 Grit - Blue

5" and 6" Honeycomb Resin Polishing Pad
The 5" and 6" Honeycomb Resin Polishing Pad is a 5mm thick pad that will have a longer tool life than our standard polishing pad. This tool will fit the SASE edger.

- **Grit**
  - 50 Grit - Gray
  - 100 Grit - Black
  - 200 Grit - Blue
  - 400 Grit - Red
  - 800 Grit - White
  - 1500 Grit - Yellow
  - 3000 Grit - Green

- **Features**
  - 5" and 6" diameter, Velcro backed
  - 5mm thick resin bond
  - Use with rigid or flexible backer pad
  - Use with variable speed angle grinder

5" and 6" Honeycomb Copper Polishing Pad
Honeycomb Copper Polishing Pads are engineered to include copper in the resin bond matrix. This flexible pad is more resilient than standard resin pads and will increase your production and maximize your cost by lasting much longer than any standard resin polishing pad.

- **Grit**
  - 20 Grit - Orange
  - 30 Grit - Purple
  - 50 Grit - Gray
  - 100 Grit - Black

- **Features**
  - 5" and 6" diameter, Velcro backed
  - 5mm thick copper resin bond
  - Use with rigid or flexible backer pad
  - Use with variable speed angle grinder

5" Resin Hex Polishing Pad (Dry)
The 5" Resin Hex Polishing Pad is used when a more flexible pad is required for polishing.

- **Grit**
  - 50 Grit - Gray
  - 100 Grit - Black
  - 200 Grit - Blue
  - 400 Grit - Red
  - 800 Grit - White
  - 1500 Grit - Yellow
  - 3000 Grit - Green

7" Copper Edge Polishing Ring
The 7" Copper Edge Polishing Ring is a resin/copper powder polishing pad that is used when a more aggressive cut is needed to accomplish edges. Works best when a damp mist is applied to the floor. Will fit a 7" velcro cup wheel holder and is used with any variable speed angle grinder.

- **Grit**
  - 20 Grit - Orange
  - 30 Grit - Purple
  - 50 Grit - Gray
  - 100 Grit - Black

- **Features**
  - 7" diameter, Velcro backed
  - Use with Velcro backed 7" cup wheel
  - Use with variable speed angle grinder

7" Resin Edge Polishing Ring
Used for DRY polishing concrete and granite.

- **Grit**
  - 50 Grit - Gray
  - 100 Grit - Black
  - 200 Grit - Blue
  - 400 Grit - Red
  - 800 Grit - White
  - 1500 Grit - Yellow

- **Features**
  - 7" diameter, Velcro backed
  - Use with Velcro backed 7" cup wheel
  - Use with variable speed angle grinder

4" Metal Dot Polishing Pad
This unique Metal Dot Polishing Pad was designed for fast production without leaving deep scratches in the floor. Used to aggressively grind concrete fast and will polish with higher grits.

- **Grit**
  - 20 Grit - Orange
  - 30 Grit - Purple
  - 50 Grit - Gray
  - 100 Grit - Black
  - 200 Grit - Blue
  - 400 Grit - Red
  - 800 Grit - White
  - 1500 Grit - Yellow
  - 3000 Grit - Green

- **Features**
  - 4" diameter, Velcro backed
  - Use with a rigid backer pad
  - Use with variable speed angle grinder

Snail Lock System
The concept behind the Snail Lock Quick Change System is for fast changing of polishing pads from one grit to another without damaging the velcro each time the pad is pulled off the velcro backing. The Snail Lock System consists of two parts. A Snail Lock and a Snail Lock Backer Pad. The Snail Lock will fit any angle grinder that has a 5/8" arbor. The Snail Lock is available in 4" and 5". The 4" Snail Lock will accept a 4" Snail Lock Backer Pad. The 5" Snail Lock will accept a 5" and 7" Snail Lock Backer Pad.
The 6-Seg Cup Wheel has been designed with large beefy segments to enable aggressive removal of coatings and surface preparation. The large spacing between the segments provide for quick evacuation of debris and dust. The 6-Seg Cup Wheel is available in 30/40 grit in order to provide flexibility over a wide range of surfaces without sacrificing tool life.

**Features**
- 6 segments / 10mm segment height
- Available in 5/8" - 7/8" arbor

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**7” TURBO 18 SEGMENT - GOLD**

Our Turbo 18 Segment Cup Wheels are designed for grinding concrete. The Turbo Cup Wheel utilizes a large format turbo segment design that maximizes diamond surface area contact with the work surface resulting in fast and aggressive material removal.

**Features**
- Turbo style segments for fast and aggressive material removal
- 18 segments / 8mm segment height
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

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**7” PREMIUM 24 SEGMENT - SILVER**

Our Premium 24 Segment Cup Wheel is designed for grinding concrete. The premium segment configuration allows for faster material removal.

**Features**
- Premium style segments for fast and smooth grinding
- 24 segments / 8mm segment height
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

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**7” TEARDROP - GREEN**

The Teardrop is used when polishing concrete and is designed to resist gouging (half moons or smiley's) the concrete by maximizing diamond surface area contact with the work surface.

**Features**
- 16 segments / 5mm segment height
- Resists gouging the concrete
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

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**7” ARROW - BLACK**

The Arrow Cup Wheel is designed for aggressive grinding. The placement and orientation of the segments are designed for high stock removal.

**Features**
- High stock removal / Maximum tool life
- 30/40 Grit / 12 segments / 15mm segment height
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

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**7” T-SEG - RED**

The T-Seg Cup Wheel is used for thin coating removal and surface preparation. The “T” segment design provides each segment with more surface area contact and allows the operator more control with less opportunity to dig into the floor. The T-Seg provides flexibility over a wide range of surfaces without sacrificing tool life.

**Features**
- 30/40 Grit / 12 segments / 5mm segment height
- Available in 5/8" - 7/8" arbor
Our PCD Cup Wheel incorporates six 1/3 round PCD segments for aggressive grinding and long tool life. This cup wheel is highly effective for removal of various epoxy coatings, paint, glue and mastic.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Arrow Cup Wheel is designed for aggressive grinding. The placement and orientation of the segments are designed for high stock removal.

Features
- 6 segments / 10mm segment height
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

Our PCD Cup Wheel incorporates five 1/3 round PCD segments for aggressive grinding and long tool life. These cup wheels are highly effective for removal of various epoxy coatings, paint, glue and mastic.

Features
- Fast production rates
- Available in 5/8" - 7/8" arbor / Use for DRY grinding

The Resin Edge Ring holder is used to attach the Premium Edge Ring Polishing Pads. Use with a variable speed angle grinder.

Features
- Use only with variable speed angle grinder
- Available in 5/8" - 7/8" arbor

The Arrow Cup Wheel is designed for aggressive grinding. The placement and orientation of the segments are designed for high stock removal.

Features
- 6 segments / 10mm segment height
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Teardrop is used when polishing concrete and is designed to resist gouging (half moons or smiley's) the concrete by maximizing diamond surface area contact with the work surface.

Features
- Available in 30/40 and 80/100 Grit
- 14 segments / 5mm segment height
- Available in 5/8" threaded / Used for DRY grinding

The T-Seg Cup Wheel is used for thin coating removal and surface preparation. The "T" segment design provides each segment with more surface area contact and allows the operator more control with less opportunity to dig into the floor. The T-Seg provides flexibility over a wide range of surfaces without sacrificing tool life.

Features
- 30/40 Grit / 10 segments / 5mm segment height
- Available in 5/8" threaded / Used for DRY grinding

The Viper Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Teardrop is used when polishing concrete and is designed to resist gouging (half moons or smiley's) the concrete by maximizing diamond surface area contact with the work surface.

Features
- Available in 30/40 and 80/100 Grit
- 14 segments / 5mm segment height
- Available in 5/8" threaded / Used for DRY grinding

The T-Seg Cup Wheel is used for thin coating removal and surface preparation. The "T" segment design provides each segment with more surface area contact and allows the operator more control with less opportunity to dig into the floor. The T-Seg provides flexibility over a wide range of surfaces without sacrificing tool life.

Features
- 30/40 Grit / 10 segments / 5mm segment height
- Available in 5/8" threaded / Used for DRY grinding

The Resin Edge Ring holder is used to attach the Premium Edge Ring Polishing Pads. Use with a variable speed angle grinder.

Features
- Use only with variable speed angle grinder
- Available in 5/8" - 7/8" arbor

The Viper Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor

The Resin Edge Ring holder is used to attach the Premium Edge Ring Polishing Pads. Use with a variable speed angle grinder.

Features
- Use only with variable speed angle grinder
- Available in 5/8" - 7/8" arbor

The Viper Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

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- Fast production rates
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- Available in 5/8" - 7/8" arbor

The Split PCD Cup Wheel segments are embedded with PCD “fragmented” pieces. This allows the segments to expose a constant sharp PCD edge for effective coating removal without leaving the aggressive profile left by traditional PCD segments.

Features
- Fast production rates
- Use for DRY grinding
- Available in 5/8" - 7/8" arbor
The Metabo W 2000, 9", 2400 watt, 15 AMP angle grinder is ideal for floor grinding. The 6600 RPM motor produces higher torque with its stronger gearing than the older 7" models producing 8500 RPM. The lower RPM is perfect when using a 7" cup wheel for grinding floors. The grinder provides operators with many features such as the Metabo VibraTech (MVT) which reduces arm vibration thanks to an integrated shock system, an additional handle which is adjustable according to application: left, right or upwards, and the “Auto-Stop Carbon Brushes” feature, which lifts the brushes off the armature when they wear down, as a protection feature so as to avoid damage.

The 5" and 7" edging and corner shrouds are manufactured and pressed from steel with welded steel mounting collars and steel outlet tube for strength and durability. The shrouds incorporate a unique mounting system with precision molded inserts that fit most popular angle grinders and polishers. A patented combination of features include a semi-sealed edging section where the cup wheel protrudes to grind right up against walls or edges with complete dust control. “The secret” in dust control, is that the skirts are in a fixed position, which leaves a small gap at the floor level in order to allow the air to flow under the skirt at high velocity.

When grinding the floor, a hook & loop attached cover strip is placed over this edging section or gap causing very little dust or debris to escape through this area because of the strong airflow generated through the small gap. In use, this dust shroud floats across the floor without seal friction or suck down to provide the operator with ultimate control during grinding.

**Model No. W2000**

**5” Variable Speed Angle Grinder**

The Metabo PE12-175, 1200 watt, variable speed angle grinder/polisher is built with a variable speed motor producing 700-2200 RPMs for grinding or polishing with a backer pad size up to 7” in diameter. The unit is capable of 2200 RPM max revolutions at rated load. The grinder provides operators with many features such as a thumbwheel for pre-selection of speed, a “Two-Level Reduced Gearing” for top cutting performance, and the “Auto-Stop Carbon Brushes” feature, which lifts the brushes off the armature when they wear down as a protection feature so as to avoid damage.

**Model No. PE12-175**

www.DynamicDiamondTooling.com
StarSeal PS CLEAR

StarSeal PS Clear is a premium, silicate-blended liquid floor-hardening, densifying and dust proofing solution for long-term sealing and protection of concrete. StarSeal Permanent Sealer greatly enhances concrete’s performance, strength and beauty with a permanent, maintenance-free shine and is immediately chemical, stain and wear resistant.

StarSeal PS CLEAR HB

StarSeal HB is a premium, silicate-blended liquid floor-hardening, densifying and dust proofing solution for long term sealing and protection of soft or very porous concrete. This material is a high solids product that allows porous concrete to be plugged in one or two coats.

StarSeal FINISH COAT ULTRA WB

StarSeal Finish Coat WB (Water Base) is part of the Vexcon StarSeal system. It is a clear water base ready to use penetrating sealer.

StarSeal FINISH COAT ULTRA AIM

StarSeal Finish Coat Ultra AIM is designed for use on polished concrete surfaces previously densified with StarSeal PS Clear; and rinsed with StarSeal PS Fixative. The treated surface will provide stain resistance while significantly increasing the gloss level and the co-efficient of friction.

StarSeal FINISH COAT ULTRA

StarSeal PS Finish Coat is part of the Vexcon StarSeal system. StarSeal PS Finish Coat stops the intrusion of water, salts, deicer chemicals, food acids and oil when used with the StarSeal PS system.

StarSeal FIXATIVE

StarSeal Fixative is the only product in the market today that helps remove unwanted excess or residual unreacted silicate from polished concrete. Which is one of the main causes of polished concrete food staining. Using this product will increase the chemical resistance of polished concrete. Use when installing a StarSeal PS CLEAR FSR (Food Stain Resistant).

StarSeal FUSION

StarSeal Fusion is an advanced, modified silicate concrete repair treatment for Certi-Shine polished floors. StarSeal Fusion will repair small air holes, aggregate pop-outs, voids, micro cracks, small spider cracks and similar surface imperfections. While other types of repair materials will discolor the surface and leave it blotchy looking, StarSeal Fusion repairs and blends into the existing color of concrete yielding a consistent natural looking floor.

StarSeal FUSION RELEASE

StarSeal Fusion Release is a non-staining and crystal clear water based release agent that is sprayed on the bottom of grinders and on diamond tooling to ease the removal of StarSeal Fusion buildup.

CERTI-VEX CONCRETE ETCH

Certi-Vex Concrete Etch is a safe to use, non-hazardous interior/exterior, surface etch material specifically formulated to prepare the surface prior to final product application. It is designed to etch bare concrete and masonry surfaces to improve adhesion of Vexcon coatings and penetration of surface treatments.
The diamond pads are specifically designed to be used on concrete, terrazzo, and natural stone. The 1” diamond pad is impregnated with diamond matrix deeper than the competition. There is no color transfer due to it being a naturally colored pad with no dyes added. The pad is 40% more durable and generates more heat when tested against competitive pads used in the field. Diamond pads are available in 200, 400, 800, 1500, 3000, 8000, and 11000 grit. Various diameter sizes are available by special order.

**Features**
- No Color Transfer / No dyes added
- Available in various diameter sizes

**DIAMOND BURNISHING PADS**

**ARMADILLO**

The Armadillo pad is an ultra high-speed propane burnishing floor pad specially designed for concrete. It is a 1” premium floor pad constructed with an aggressive bond that contains no dyes to transfer color to your concrete floor. Armadillo pads will give you the “polished look” of a burnishing pad while cleaning and removing surface dirt and scuffs with ease. The pad can be used on both sides.

**HEAT**

The Heat pad is a specialty 1” blend of natural and synthetic fibers. It uses a unique Heat Shield placed in the middle of the pad to heat the floor to a temperature above 90 degrees Fahrenheit in order to bond silicate coatings. The pad is two sided for twice the life.

**GORILLA**

The Gorilla pad is an original 1” blended fiber pad used to clean the concrete floor by removing the residual dust left on the floor.

**GORILLA LITE**

The lightest blend of natural fibers in a synthetic fiber floor pad for those who use a soft finish that requires nightly burnishing. This floor pad is designed to give you the same high gloss “wet look” shine that big brother Gorilla floor pad is known for.
AmeriPolish is a concrete dye used to color mechanically finished concrete slab floors. AmeriPolish solvent-based and water-based dyes are formulated using extremely fine molecules of dye designed to penetrate and color any cementitious surface. AmeriPolish dye was created for use with polished concrete, but can be used as a base color or touch up for concrete that has received integral color, dry shake hardeners, acid stains or even an overlay to itself.

AmeriPolish SR2 Stain Resistor is part of a two-component Penetrating stain repellent specifically formulated to protect polished, dyed and non-dyed concrete from oil, water-based stains and acidic etching agents. Designed specifically for protecting non colored and colored polished concrete floor. To obtain optimum performance, AmeriPolish SR2 Stain Resistor is to be used with AmeriPolish 3D (HS or HSL) Densifier. AmeriPolish SR2 Stain Resistor can also be used with dyes and densifiers from other manufacturers; however, optimum stain resistance and color retention cannot be assured.

AmeriPolish 3D SP Stain Protector is a breathable sealer that helps to protect surface against stains and etching, and to minimize liquid infiltration that might cause color migration or dispersion. It contains a UV stabilizer to minimize fading of colorants.

Penetrating Agent increases the dwell time and improves the dye penetration in tightly troweled and polished concrete, previously densified concrete and even during hot weather application.

Easy Etch has been formulated to remove mortar, construction soil, grease, oil, food stains and organic materials that might prevent penetration. Easy Etch cleans excess morter, free latent lime, and organic material from concrete floors. It also opens up the surface to allow penetrating products such as ColorJuice, overlay concrete systems, and water or solvent based sealers. Easy Etch also opens up and cleans stone, stucco terrazzo, and other custom concrete surfaces. Easy Etch is formulated to be environmentally friendly and biodegradable.

Provides the opportunity to remove Stain Shield without having to use diamond grinders. AmeriPolish Strip & Clean is a water-based stripping agent specially formulated for the removal of the AmeriPolish WB Surface Sealer from polished concrete floors that have received the AmeriPolish dyes.

Ameripolish engineered Multipurpose Rejuvenating Cleaner to wet out the surface of dirt particles and debris to be washed away easily. It does not carry harsh chemicals that can react with the cleaning surfaces.
AmeriPolish SureLock Dye is part of the three-component SureLock Color System designed specifically for coloring and polishing concrete floors. SureLock Dye provides consistent color that penetrates the surface layer of the concrete when mixed with the SureLock Densifier. SureLock Dye is available in a broad range of vibrant colors and is VOC compliant.

AmeriPolish OS Integral Color is a concentrated liquid dispersion of mineral oxide pigment particles. Pigments meet ASTM C979, Standard Specification for Pigments for Integrally Colored Concrete and are available in a broad range of hues. Properties AmeriPolish OS Integral Color is specifically formulated for compatibility with cementitious overlays. It is approved by the manufacturer of Rapid Set TRU, a leading cementitious self-levelling polishable overlay.

AmeriPolish OS Dye is a liquid dispersion of nano-sized colorant particles in a proprietary non-combustible solvent. It is designed to be used without dilution. AmeriPolish OS Dye colors cementitious overlays, penetrating the substrate surface more readily than acetone-based dyes. It may also be effective on hard, dense concrete slabs that refuse acetone-based dyes. It covers approximately twice as much as conventional solvent-based dyes. It is a premixed, ready-to-use liquid. It contains UV stabilizers to help protect colorants against fading.

Dye-N-Seal Water Based Surface Sealer is a fast drying water based sealer that protects and beautifies decorative concrete. Dye-N-Seal Water Based Surface Sealer is designed for use with Color Juice 3D Colorant Concentrate, but may also be used on uncolored concrete or with other compatible color products, in both exterior and interior applications. It is ideal for any concrete finish including porous finishes such as broomed, stamped, and exposed-aggregate concrete, concrete masonry and other cementitious surfaces, as well as porous brick, natural and manufactured stone, stucco, slate, unglazed tile, and flagstone.

Colorant Concentrate penetrates concrete surfaces to bond colorant to concrete. The colorant introduces color into the concrete surface, and can be applied multiple times to build up color. Colorant Concentrate is designed to be used in conjunction with Dye-N-Seal Water Based Surface Sealer. Without application and maintenance of such additional treatment, the surface will not exhibit optimum water, oil or chemical resistance.

Dye-N-Seal 400 Solvent Sealer is a fast drying, longlasting, solvent-based lacquer sealer designed to protect and beautify your decorative concrete. It contains complex additives and acrylics not found in any other sealers to provide outstanding UV protection, along with fungicides to help mildew from attacking the coating. Testing has proven that it has a longevity well beyond three years under normal conditions, when applied as directed. It can be used for interior or exterior applications, and is oil and chemical resistant.
SCRAPE TOOLS

5' DOUBLE GRIP ERGONOMIC HANDLE

4''
5''
8''
8'' Angled

SCRAPER HEADS

*All heads fit the 5' double grip Ergonomic Handle

SPUR HEAD

This particular scraper removes:
• Heavy Coatings & Elastomeric
• Heavy Mastics
• Heavy Demo
• Vinyl, VCT, Linoleum Flooring
• Tile & Mortar

2.5'' BLADE (1 Ct)

* Replacement blade for the Spur (.094 Spring Steel)

BLADES (10 Ct)

* Heavy duty hand Scraper Blades (.036 thickness)

JOINT REPAIR TOOLS

POLYUREA PNEUMATIC GUN

• Nominal Thrust 1100 lbs. @ 100 psi/" Cylinder
• Easily Converts in Just Seconds with Snap In/Snap Out Push Disks
• Patented Cartridge Stabilizing Plate Securely Holds All Cartridges
• Adjustable Heavy Duty Aluminum Air Regulator
• Air Dump Valve Stops Flow Instantly
• Reverse Air
• Quick Disconnect Nipple

POLYUREA JOINT MATERIAL

750ml x 750 ml Cartridge with Static Mixer
(Standard Color - Medium Gray)

STATIC MIXER

Additional Static Mixer

SPRAYERS

PATRIOT SPRAYER

Patriot 350 Pump Sprayer

MOHS KIT

MOHS TEST KIT

Concrete Hardness Test Kit
The quick change base plate consists of six trapezoid inset cavities with rare earth magnets. The magnetic force coupled with the inset cavity provides an extremely stable platform for diamond grinding.

**All Steel Construction**
Able to withstand and endure even the toughest of jobs with lasting durability and dependability to get the job done.

**Rare Earth Magnets**
The rare earth magnets have been tested and proven to provide a rock-solid hold on the tooling.

**6 Trapezoids Cavities**
Up to six trapezoid cavities can be used for various applications.

**Industrial Grade Velcro and Stability Hole**
Industrial Grade Velcro & Stability Hole For a Secure Hold

**2.4" Resin Adapter Plate**
Attach any 2.4" Finger or Puck Resin Bond Diamond Tooling to the Resin Adapter Plate

**3" Resin Adapter Plate**
Attach any 3" Puck Resin Bond Diamond Tooling to The Resin Adapter Plate

**Notch**
For Easy Removal Of Tooling

**MANUFACTURER COMPATIBILITY CHART**

<table>
<thead>
<tr>
<th>DDG 500</th>
<th>DDG 580</th>
<th>DDG 780</th>
<th>PDG 6000</th>
<th>PDG 8000</th>
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</thead>
<tbody>
<tr>
<td>185mm</td>
<td>240mm</td>
<td>230mm</td>
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**DIAMOND GRinders**

- **DDG 780**
  - Three Headed Planetary Flex Head Technology
  - 3 Phase, 230V, 20Hp Motor, Variable Speed
  - $20,900.00

- **DDG 580**
  - Three Headed Planetary Flex Head Technology
  - Available with Fixed or Variable Speed
  - 3 phase, 230V, 10Hp Motor
  - 22.8” Grinding Surface
  - $13,500.00 - Fixed Speed
  - $15,500.00 - Variable Speed Control

- **DDG 500**
  - Three Headed Planetary Fixed Head Technology
  - Single Phase, 220V, 5Hp Motor
  - 20” Grinding Surface
  - $9,500.00

- **DDG 1220**
  - Variable Speed
  - Mono Plate Flex Head Technology
  - 3-Phase or Dual Phase 230V~480V
  - 3-Phase 7.5HP Motor
  - 12” or 20” (optional) Grinding Surface
  - $8,900.00 - 3-Phase
  - $9,600.00 - Dual Phase (Single & 3-Phase)

- **DDG 720**
  - Three Headed Planetary Fixed Head Technology
  - Single Phase, 220V, 5Hp Motor
  - 20” Grinding Surface
  - $9,600.00 - Fixed Speed

- **DDG 300**
  - Three Headed Planetary Fixed Head Technology
  - Single Phase, 220V, 5Hp Motor
  - 20” Grinding Surface
  - $9,600.00 - Fixed Speed

**ORIGINAL MACHINE PARTS**

- **FOR:**
  - **DYNAMIC DIAMOND TOOLING**

- **BLASTRAC SASE**
  - and... other Diamond Grinders

- **780 ULTRA**
  - $4,400.00

- **780 PRO**
  - $9,500.00

- **780**
  - $13,500.00

- **720**
  - $15,500.00

- **650**
  - $20,900.00

- **535**
  - $25,000.00

- **500**
  - $15,500.00

- **580**
  - $13,500.00

- **300**
  - $9,500.00

**BURNISHER**

- **Enviro-Pro WB 27**
  - Emissions Shut Down System
  - Three-Way Catalytic Muffler
  - Built To Meet G3-40 and Leed requirements
  - Reusable Dust Bag
  - Full Contact Weighted Pad Holder
  - Produces Heat Required to Set Concrete Sealers, Guards, Densifier, and Impregnators
  - $4,400.00

**www.DynamicDiamondTooling.com**
DUST CONTROL

DUST EXTRACTORS

T18000
$16,900.00
HP: 18
Volts: 480
Amp: 28
CFM: 710
Waterlift: 140"

T15000
$15,900.00
HP: 16
Volts: 230
Amp: 42
CFM: 647
Waterlift: 140"

T8600
$11,500.00
(50 AMP Distribution Box Included)
HP: 10.4
Volts: 480
Amp: 11.9
CFM: 353
Waterlift: 110"

T8600 Propane
$13,500.00
HP: 18
Motor: Kawasaki
CFM: 410
Waterlift: 115"

T7500
$11,900.00
HP: 10.4
Volts: 230
Amp: 24.2
CFM: 353
Waterlift: 110"

T4000
$6,900.00
HP: 8
Volts: 230
Amp: 21
CFM: 280
Waterlift: 125"

PRE-SEPARATORS

S36
$4,800.00
HP: 5.1
Volts: 230
Amp: 14.8
CFM: 353
Waterlift: 100"

S26
$2,615.00
HP: 3.4
Volts: 230
Amp: 9.8
CFM: 258
Waterlift: 100

C3000
$1,130.00
HP: 3.4
Volts: 230
Amp: 9.8
CFM: 258
Waterlift: 100

C5500
$2,089.00
HP: 5
Volts: 120/230
Amp: 27/41
CFM: 353
Waterlift: 115"

AIR SCRUBBERS

A600
$890.00
Motor(HP): 25
Air Flow Capacity: 2-speed, 300/600 CFM

A1200
$1,390.00
Motor(HP): 5
Air Flow Capacity: 2-speed, 600/1200 CFM