

**ZENESIS™**

**7<sup>TH</sup> PRODUCT CATALOG**

# WHAT IS **ZENESIS™** PATTERN TECHNOLOGY?

ZENESIS™ is an advanced diamond placement technology that delivers dramatic improvement in diamond tool performance by proprietary arrangement of diamonds in patterns specific to each application.



# THE GENESIS OF ZENESIS™

Original conventional diamond segments, also called random diamond segments, are created by blending various metal powders with particular sizes and amounts of industrial diamonds. They are thoroughly mixed before being put into a mold that is then pressed and heated until they create a solid segment.

## CONVENTIONAL NON-PATTERNED DIAMOND TOOLS

- Diamonds are randomly distributed
- Random distribution results in inconsistent tool performance
- Can cause unpredictable changes in cutting speed and tool life

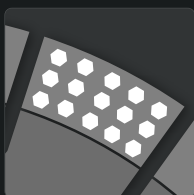


## ZENESIS™ PATTERNED TECHNOLOGY: FROM THE COMPANY THAT STARTED A REVOLUTION

Patterning technology has been around since the 1960s; however, the performance achieved through the even distribution of the diamond grit did not justify the added complexity in manufacturing. Through years of intensive research and development, our engineers at ZENESIS™ have refined our proprietary patterned diamond technology to achieve maximum cutting performance without sacrificing the life of the tool or quality of cut. Our pattern exposes the ideal number of the highest-quality diamonds throughout the life of the tool, providing consistent performance from start to finish.

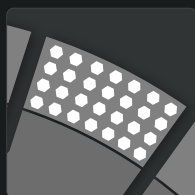
- Speed: Up to 70% faster cutting speed\*
- Life: Up to 70% longer tool life\*

### LARGE GRIT



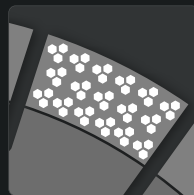
*Faster Cutting  
Shorter Life*

### SMALL GRIT



*Slower Cutting  
Longer Life*

### UPGRADED DIAMOND CLUSTERS



*Most  
Versatile*

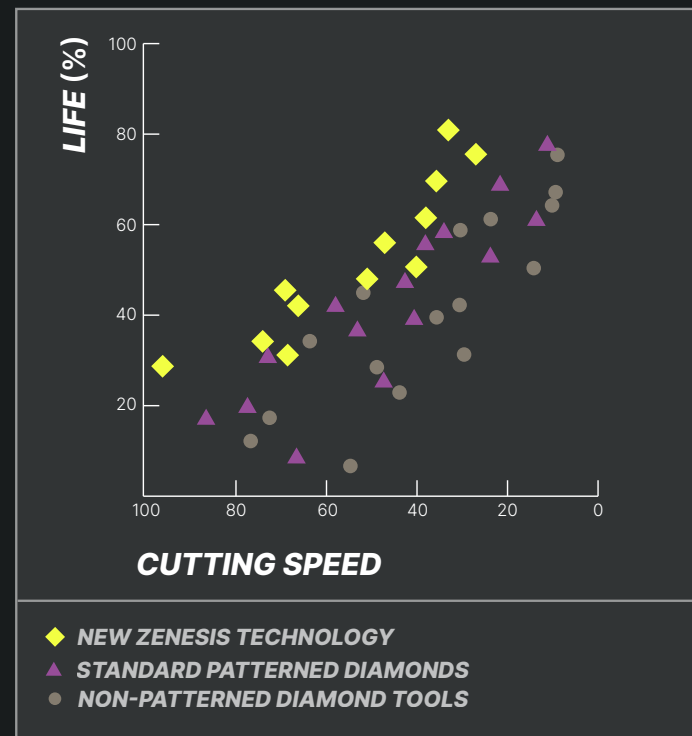
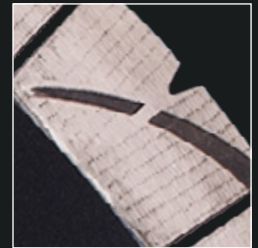
## A QUANTUM LEAP FORWARD IN ZENESIS™ DIAMOND TECHNOLOGY

By combining layering techniques with an extraordinary degree of precision, we ensure that our high-quality diamonds will always be evenly exposed throughout the segment to allow faster cutting and efficient debris removal. We've rigorously exacted our manufacturing processes to ensure a perfect pattern – cut after cut.

For our most innovative blade offering, ZENESIS™ takes this process one step further by optimizing the distribution and concentration of diamonds on the segments to deliver raw cutting power where it is needed most. Optimal performance is achieved through strategic placement of diamonds to effectively minimize cutting inefficiencies.

## ZENESIS™ TECHNOLOGY: EVOLUTION OF A REVOLUTION

- Delivers optimal patterns of diamonds for multiple applications
- Hybrid layering provides up to 3 times the number of cutting/contact points
- Diamond clusters give the cleanest cuts while maintaining high speed
- Proprietary, patented technologies



\*in comparison to Company's standard products based on internal testing.



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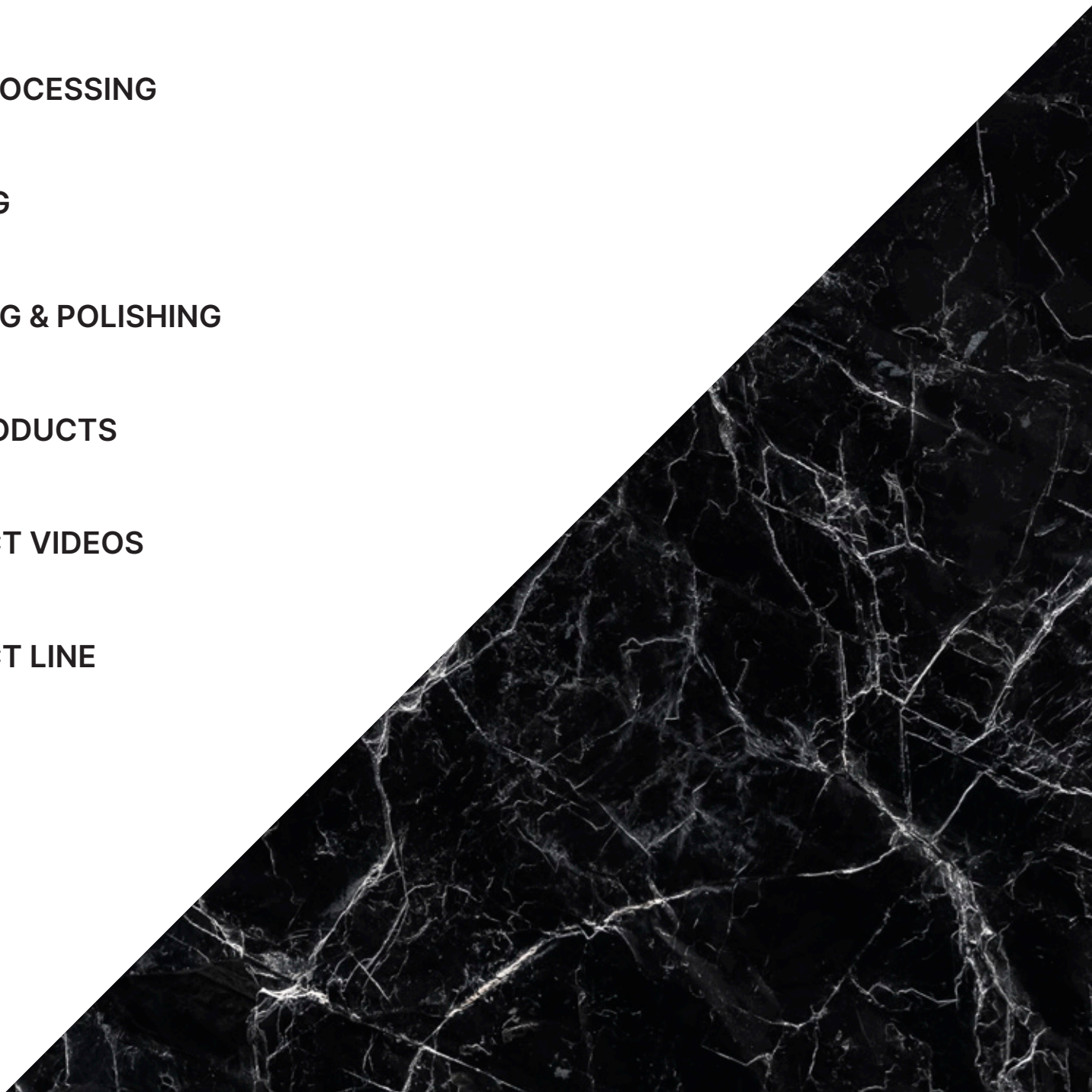
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# BRIDGE SAW BLADES

## ZENESIS™ BRIDGE SAW BLADES RPM

Blade Diameter	Medium Granite	Hard Granite	Quartzite	Marble	Sintered Stone
12"	2000 - 2300 RPM	1900 - 2100 RPM	1900 - 2100 RPM	3100 RPM	1900 - 2100 RPM
14"	1700 - 2000 RPM	1650 - 1800 RPM	1650 - 1800 RPM	2800 RPM	1650 - 1800 RPM
16"	1500 - 1800 RPM	1450 - 1600 RPM	1450 - 1600 RPM	2400 RPM	1450 - 1600 RPM
18"	1300 - 1600 RPM	1300 - 1400 RPM	1300 - 1400 RPM	2150 RPM	1300 - 1400 RPM
20"	1200 - 1450 RPM	1200 - 1300 RPM	1200 - 1300 RPM	1900 RPM	1200 - 1300 RPM
24"	990 - 1190 RPM	970 - 1060 RPM	970 - 1060 RPM	1600 RPM	970 - 1060 RPM

Warning: Operating at greater than the max RPM can cause blade damage, which may cause injury.

We recommend bridge saw blades to run between 6,000 – 7,700 surface feet per minute depending on the application material.

## QUARTZITE II



Engineered for fabricators who demand the cleanest cuts possible on quartzite, the **Quartzite II** sets a new benchmark in cutting performance. This blade was purpose-built to deliver exceptionally smooth, virtually chip-free cuts on some of the hardest materials in the shop—including dense quartzites and hard granites.

At the heart of the Quartzite II is a newly formulated metal bond matrix combined with the highest-quality diamonds available. This advanced recipe delivers remarkable cutting speed while maintaining outstanding edge quality, even under the most demanding conditions.

To ensure total control, the Quartzite II features a super heavy-duty core, the strongest core we have ever produced. The result is unmatched stability with near zero deflection, even during aggressive miter cuts. The blade runs true, cuts straight, and gives you the confidence to push productivity without sacrificing finish quality.

If quartzite is a challenge in your shop, the Quartzite II is the blade built to conquer it.

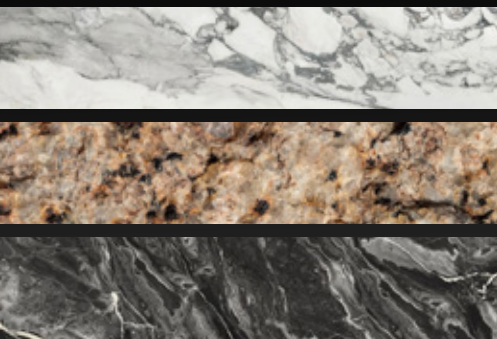
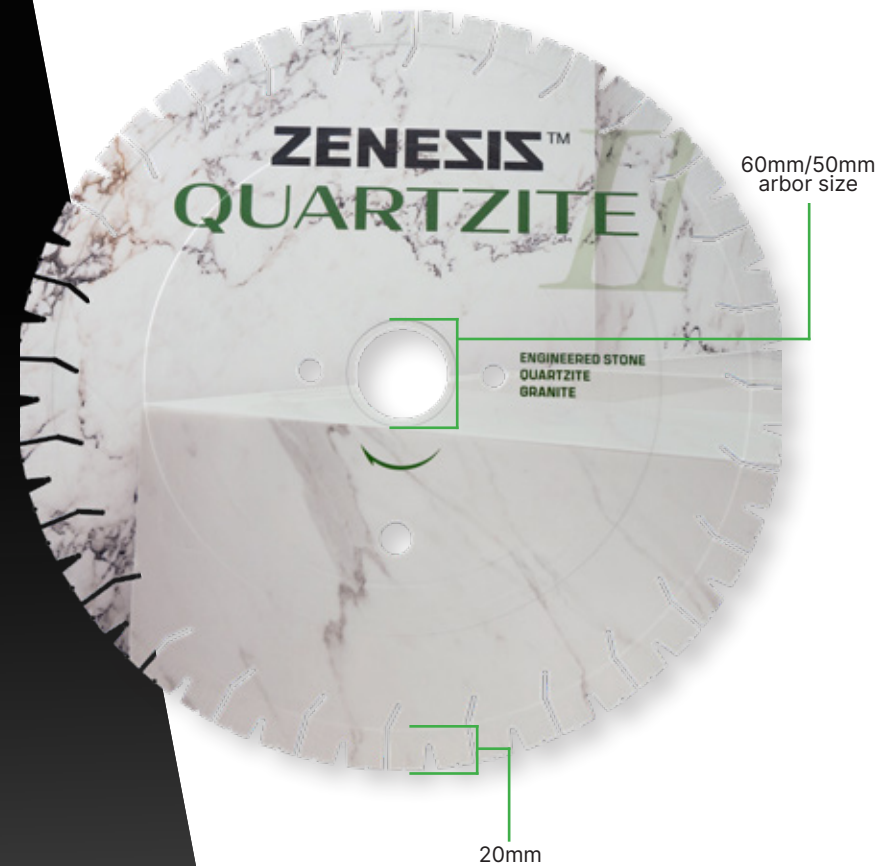
ZSGQ • 20MM



Wet Only



Bridge Saw



QUARTZITE

GRANITE

ENGINEERED STONE

Part No.	Diameter	Segment	Arbor Size
ZSGQ20V20T1212T2	12"	20mm	60/50mm
ZSGQ20V20T1412T2P	14"	20mm	60/50mm
ZSGQ20V20T1612T2P	16"	20mm	60/50mm
ZSGQ20V20T1812T2P	18"	20mm	60/50mm
ZSGQ20V20T2012T2	20"	20mm	60/50mm
ZSGQ20V20T2412T2	24"	20mm	60/50mm

## OBSIDIAN

ZSGO • 25MM



Wet Only



Bridge Saw

60mm/50mm  
arbor size



25mm

Meet the newest ZENESIS™ silent core bridge saw blade, **Obsidian**. Distinctly designed to cut fast and clean on engineered stone, porcelain, marble, and even the hardest quartzite.

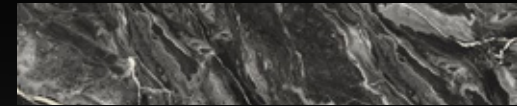
This is made possible by using our latest and most innovative ZENESIS™ diamond patterning technology to date. This latest technology increases the number of diamond cutting/contact points by up to 3 times and significantly improves performance. The unique metal bond matrix is engineered to work with virtually all natural and engineered stone.

- Available in sizes 12" to 20"
- Cuts Granite, Engineered Stone, Porcelain, Marble, and Quartzite

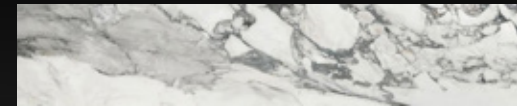
GRANITE



ENGINEERED STONE



QUARTZITE



PORCELAIN PANELS



MARBLE



Part No.	Diameter	Segment	Arbor Size
ZSGO20V25T1213T	12"	25mm	60/50mm
ZSGO20V25T1413TP	14"	25mm	60/50mm
ZSGO20V25T1613TP	16"	25mm	60/50mm
ZSGO20V25T1814TP	18"	25mm	60/50mm
ZSGO20V25T2014T	20"	25mm	60/50mm

# BLACK 4

ZSG • 25MM



Wet Only



Bridge Saw

The ZENESIS™ **Black 4** was designed to be the longest lasting blade in the stone industry. Extensive testing showed it consistently lasting at least 10% longer than all other name brand blades without sacrificing speed or quality of cut.

This blade outperforms random diamond bridge saw blades by 30 – 70%. Hybrid diamond layering guarantees that diamonds will always be evenly exposed on all sides of the segment increasing cutting speed and debris removal. Patterned Diamond technology provides consistent performance throughout the life of the blade.

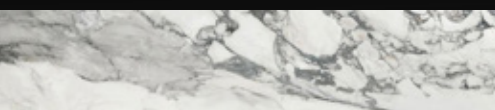
- Designed to outlast all other bridge saw blades on straight or mitered cuts.
- Cuts Granite, Engineered Stone, and Quartzite



GRANITE



ENGINEERED STONE



QUARTZITE



Part No.	Diameter	Segment	Arbor Size
ZSG20V25T1213T6	12"	25mm	60/50mm
ZSG20V25T1413T6P	14"	25mm	60/50mm
ZSG20V25T1613T6P	16"	25mm	60/50mm
ZSG20V25T1814T6P	18"	25mm	60/50mm
ZSG20V25T1818T6P	18"	25mm	60/50mm
ZSG20V25T2014T6	20"	25mm	60/50mm

# CARBON 2

ZLSGD • 10MM



Wet Only



Bridge Saw

**DEKTON®**  
**APPROVED**

60/50mm  
arbor size



10mm

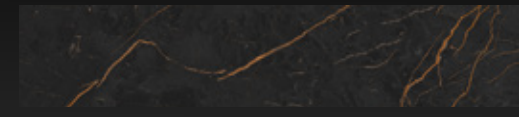
Introducing the groundbreaking ZENESIS™ **Carbon 2** diamond blade, designed for superior performance in cutting critically hard sintered stones such as Dekton®, Neolith, and Lapitec®. Experience exceptional results even at high speeds, as these blades deliver a precision razor-sharp edge on both the top and bottom surfaces, ensuring unparalleled quality, especially during miter cutting.

Crafted with the highest quality steel core and reinforced with plates to eliminate flexing and deflection during extended cuts, the ZENESIS™ Carbon 2 sets a new standard in durability and stability.

This cutting-edge blade utilizes Sinterized Particle Tech to masterfully cut through ultracompact surfaces created by blending glass, porcelain, and quartz materials. These innovative countertops are the result of a unique fabrication process involving the fusion of raw elements at high temperatures and extreme pressure. Elevate your stone cutting experience with the ZENESIS™ Carbon 2 – where precision meets perfection in the stone industry.

- Cuts Sintered Stone/Ultra Compact Surfaces, Porcelain Panels

SINTERED STONE/ULTRA  
COMPACT SURFACES



PORCELAIN PANELS



Part No.	Diameter	Segment	Arbor Size
ZLSGD10UT1412T2P	14"	10mm	60/50mm
ZLSGD10UT1612T2P	16"	10mm	60/50mm
ZLSGD10UT1812T2P	18"	10mm	60/50mm

The **ZENESIS™ II** bridge saw blade revolutionized the stone fabricating industry by raising the bar for cutting speed and blade life. Straight and efficient cutting increases productivity while reducing stress on the bridge saw.

- 25mm segment height
- Feed Rate up to 10 feet per minute
- Cuts Granite and Engineered Stone



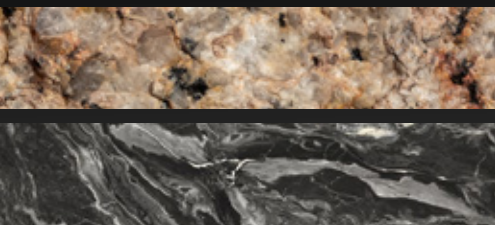
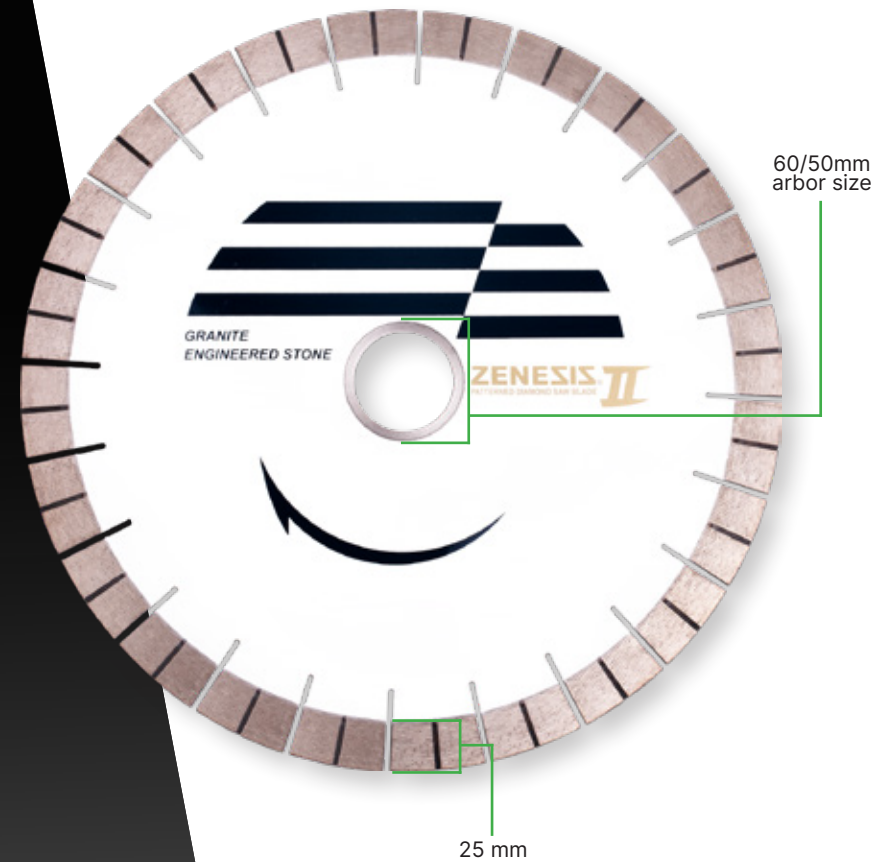
ZSG • 25MM



Wet Only



Bridge Saw



GRANITE

ENGINEERED STONE

Part No.	Diameter	Segment	Arbor Size
ZSG20V25T1212T	12"	25mm	60/50mm
ZSG20V25T1412T	14"	25mm	60/50mm
ZSG20V25T1612T	16"	25mm	60/50mm
ZSG20V25T1814T	18"	25mm	60/50mm
ZSG20V25T2014T	20"	25mm	60/50mm



## MARBLE

ZSMM • 10MM

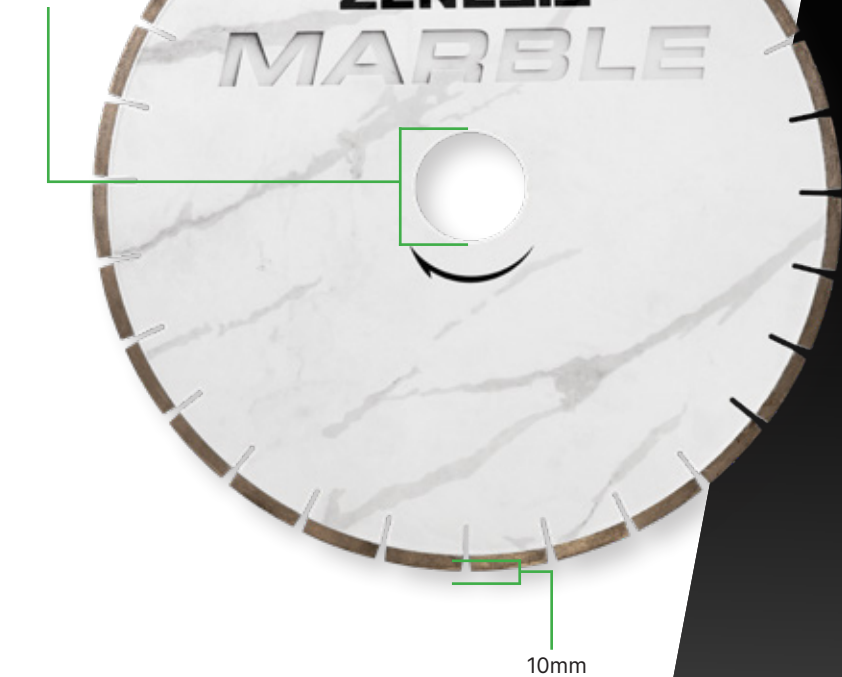


Wet Only



Bridge Saw

60/50mm  
arbor size



ZENESIS™ now offers its exclusive patterned technology in a bridge saw blade designed specifically to cut marble and other soft stone products. As expected, this latest ZENESIS™ **Marble** blade offers exceptionally smooth, fast and chip-free cutting on all types of marble. This blade is available in diameters of 12" to 20" and is guaranteed to set the standard of performance and meet the demands of marble fabricators everywhere.

- Exceptionally smooth, fast, chip-free cutting
- Silent core
- Designed specifically to cut Marble

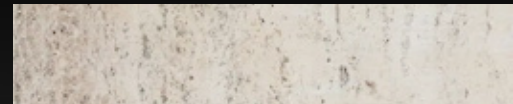
MARBLE



ONYX



LIMESTONE



Part No.	Diameter	Segment	Arbor Size
ZSMM10R1212T	12"	10mm	60/50mm
ZSMM10R1412TP	14"	10mm	60/50mm
ZSMM10R1612TP	16"	10mm	60/50mm
ZSMM10R1814TP	18"	10mm	60/50mm
ZSMM10R2014T	20"	10mm	60/50mm

The latest generation of porcelain tiles require cutting edge technology to get the perfect chip free cuts. The new 14" silent core **Nano** is specifically engineered to cut fast and unbelievably clean on these tricky materials. The heavy-duty silent core keeps the blade cutting true even in long miter cuts.

- High concentration small particulate diamond in very soft bond matrix
- Can cut large format porcelain
- Cuts Glazed Porcelain, Porcelain, and Porcelain Pavers



GLAZED PORCELAIN



PORCELAIN SLABS



PORCELAIN PAVERS

# NANO

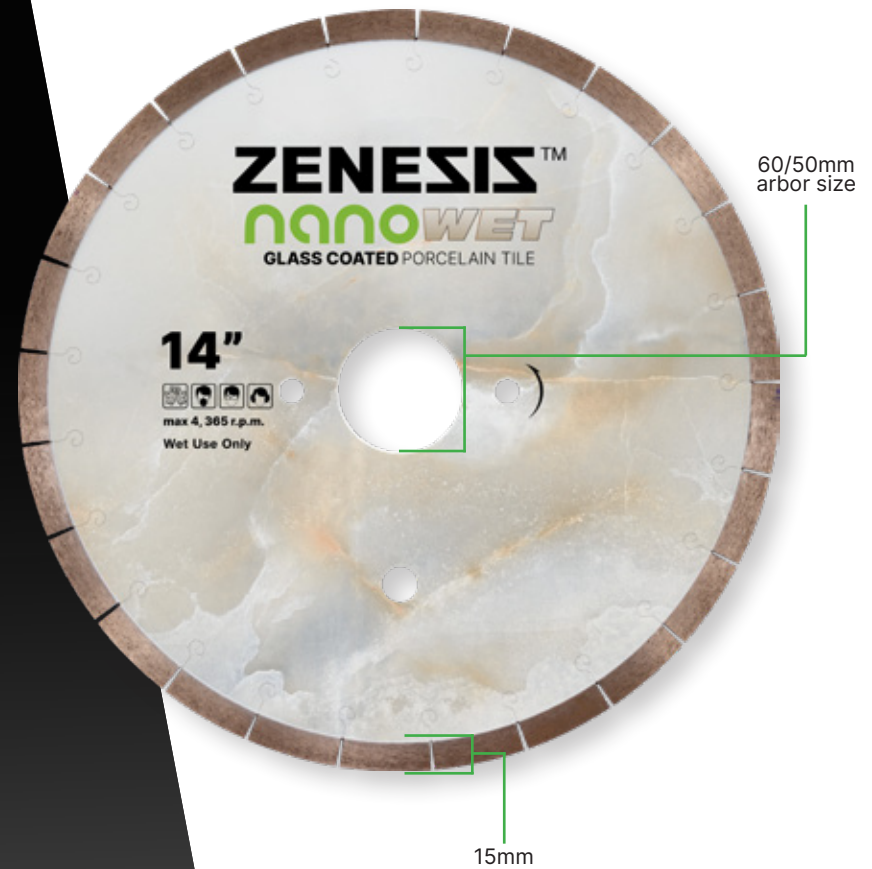
ZSGN • 15MM



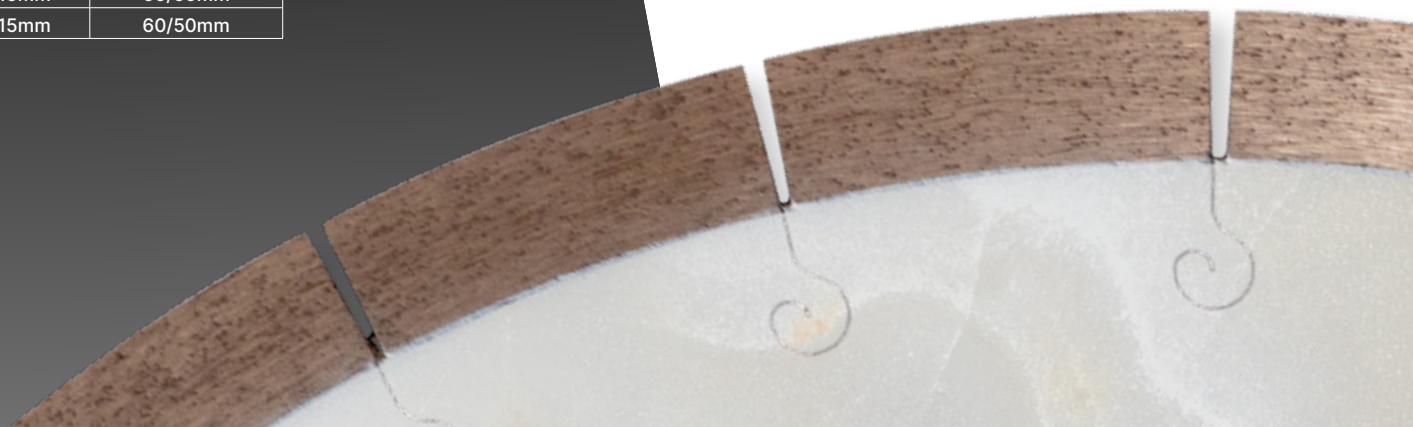
Wet Only



Bridge Saw



Part No.	Diameter	Segment	Arbor Size
ZSGN20V15T1413TP	14"	15mm	60/50mm
ZSGN20V15T1613TP	16"	15mm	60/50mm



# Z-PATTERN

ZESG • 18MM

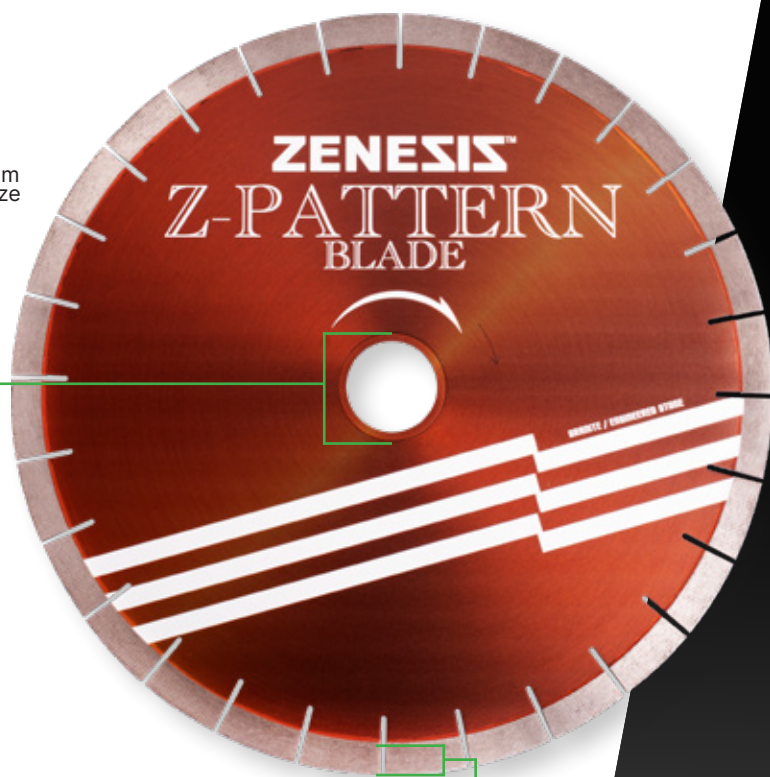


Wet Only



Bridge Saw

60/50mm  
arbor size



18mm

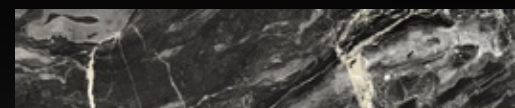
The ZENESIS™ **Z-Pattern** Blade is recommended for production shops utilizing CNC and robotic stone saws. These new technology saws require speed, accuracy, and clean cuts. The 18mm pattern diamond segments are specifically designed to run faster and straighter under extreme production conditions. This high-performing blade has been expertly developed for wet use only on granite and engineered stone and is proven to perform reliably at feed rates 5-10 feet per minute. Can be used on quartzite at feed rates 1-4 feet per minute.

- Cuts Granite, Engineered Stone, and Quartzite

GRANITE



ENGINEERED STONE



QUARTZITE



Part No.	Diameter	Segment	Arbor Size
ZESG20V18T1212T	12"	18mm	60/50mm
ZESG20V18T1412T	14"	18mm	60/50mm
ZESG20V18T1612T	16"	18mm	60/50mm
ZESG20V18T1814T	18"	18mm	60/50mm
ZESG20V18T2014T	20"	18mm	60/50mm

# SMALL DIAMETER BLADES

## ZENESIS™ SAW BLADES RPM

Blade Diameter	Rec. RPM	Max RPM
4"	9,075	15,000
4.5"	8,065	13,300
5"	7,255	12,000
6"	6,045	10,185
7"	5,185	8,730
8"	4,535	7,640
9"	4,030	6,790
10"	3,630	6,115
12"	3,025	5,095

Warning: Operating at greater than the max RPM can cause blade damage, which may cause injury.



## Z-MAX

### ZRG10SX • 10MM

Introducing the cutting-edge **Z-Max** Turbo Blade, the epitome of high-performance in small-diameter stone blades. Its distinctive segment design ensures remarkably fast and precise cuts in both natural and engineered stones. Experience unparalleled efficiency as this blade effortlessly navigates through any stone surface.

The Z-Max Turbo Blade features oversized cooling holes that prevent overheating, even when cutting through 3cm quartzite. This ensures consistent and reliable performance, making it the go-to choice for demanding stone-cutting applications.

- Available with quad adaptor holes in sizes 4.5", 5.3", 6", 7"
- Cuts Granite, Engineered Stone, and Quartzite

Part No.	Diameter	Segment	Arbor Size
ZRG10SX4509C	4.5"	10mm	7/8-20mm-5/8, 4 flush cut
ZRG10SX05309C	5.3"	10mm	7/8-20mm-5/8, 4 flush cut
ZRG10SX0609C	6"	10mm	7/8-20mm-5/8, 4 flush cut
ZRG10SX0709U	7"	10mm	UA-5/8, 4 flush cut



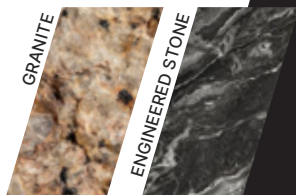
Dry or  
Wet



Angle  
Grinder

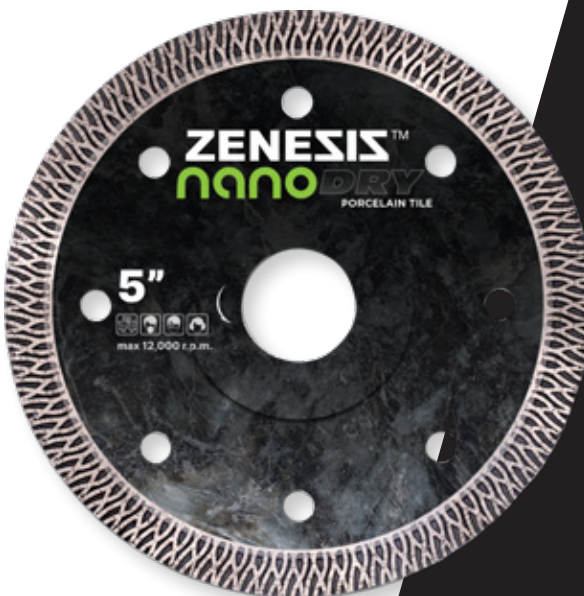


Circular  
Saw



GRANITE

ENGINEERED  
STONE



Dry or  
Wet



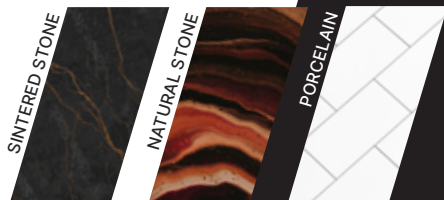
Angle  
Grinder



Circular  
Saw



Tile  
Saw



SINTERED  
STONE

NATURAL  
STONE

PORCELAIN

## NANO DRY **DEKTON** ZLD10UTR • 10MM **APPROVED**

Our new ZENESIS™ **Nano Dry** Porcelain Blade has tested to be 40% faster than the leading competitor with significantly cleaner cuts.\* When other tile blades stop cutting and glaze over this blade keeps cutting effortlessly from start to finish.

- Mesh rim
- Ultra thin
- Hyper fast
- Cuts Porcelain, Tile, Natural Stone, Sintered Stone

\*based on internal testing.

Part No.	Diameter	Segment	Arbor Size
ZLD10UTR0405C5	4	10mm	7/8 - 5/8, Hub
ZLD10UTR0505C5	4.5	10mm	7/8 - 5/8, Hub
ZLD10UTR0505C5	5	10mm	7/8 - 5/8, Hub
ZLD10UTR0606C5	6	10mm	7/8 - 5/8, Hub
ZLD10UTR0706C5	7	10mm	U/A-7/8 - 5/8, Hub
ZLD10UTR0909C5	9	10mm	U/A-7/8 - 5/8, No Hub
ZLD10UTR01006A5	10	10mm	5/8, Hub
ZLD10UTR1411E5	14	10mm	1, No Hub



Dry or  
Wet



Angle  
Grinder



Circular  
Saw

## QUARTZITE TURBO

ZRGQ • 9MM

The **Quartzite** turbo blade leaves all other competitors in the dust. The unique rim design isn't just for show. New technology has created the best quartzite and critically hard stone blade ever. The soft bond matrix prevents glazing over and cuts at blazing speeds. The alternating turbo rim makes almost zero chips.

- Specifically engineered for the hardest quartzites
- Available with quad adaptor holes in sizes 5" to 7"
- Cuts Quartzite, Granite, Engineered Stone

Part No.	Diameter	Segment	Arbor Size
ZRGQ10S0508C	5"	9mm	7/8-20mm-5/8
ZRGQ10S0609C	6"	9mm	7/8-20mm-5/8
ZRGQ10S0709U	7"	9mm	UA-5/8



Dry or  
Wet



Angle  
Grinder



Circular  
Saw



Tile  
Saw

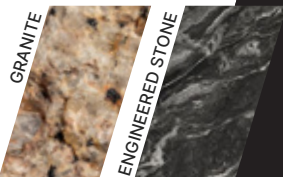
## Z-TURBO

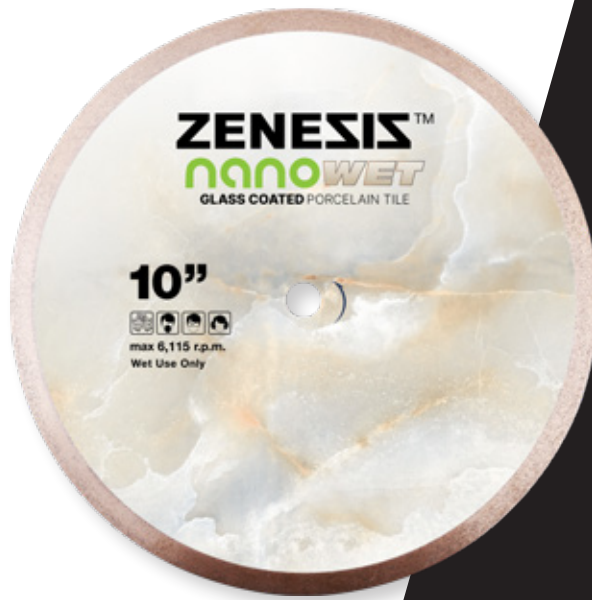
ZERG • 8MM

The ZENESIS™ **Z-Turbo** Blade – fast and clean cuts at an affordable price with reduced chipping. The blade comes with flush cut holes and a unique bond that maximizes performance on granite and engineered stone. The 10" blade is ideal for cutting backsplashes with a 10" saw. Alternate arbors also available.

- Narrow turbo design reduces chipping
- Cuts Granite and Engineered Stone

Part No.	Diameter	Segment	Arbor Size
ZERG10N4508C2	4.5"	8mm	7/8-20mm-5/8, w/thunder hole, 4 flush cut
ZERG10N0508C2	5"	8mm	7/8-20mm-5/8, w/thunder hole, 4 flush cut
ZERG10N0609C2	6"	8mm	7/8-20mm-5/8, w/thunder hole, 4 flush cut
ZERG10N0709C2	7"	8mm	7/8-20mm-5/8, w/thunder hole, 4 flush cut
ZERG10N0909C2	9"	8mm	7/8, w/thunder hole
ZERG10N1009E2	10"	8mm	1"-5/8, w/thunder hole





Wet Only



Angle  
Grinder



Tile  
Saw



Circular  
Saw

# NANO WET

ZLGW • 10MM

The ZENESIS™ **Nano** is the first hybrid tile blade designed to cut chip-free on delicate and glazed porcelains. A high concentration of the highest quality diamonds combined with our special metal bond matrix gives the speed of a high-quality porcelain blade and the finish of a premium glass blade. We have also added extra reinforcement to the core to keep the blade running true and straight when cutting large format tiles.

- Available in sizes 6", 7", 10"
- Must be used wet
- Cuts Glazed Porcelain, Porcelain, and Glass Tile

Part No.	Diameter	Segment	Arbor Size
ZLGW20P0606A2	6"	10mm	5/8"
ZLGW20P0706A2	7"	10mm	5/8"
ZLGW20P1006A2	10"	10mm	5/8"



Dry or  
Wet



Wet Only



Angle  
Grinder



Circular  
Saw



Tile  
Saw

# CONTINUOUS RIM

ZLPS • 6.5MM/9MM/9.5MM

Unique slot and rim design gives the ZENESIS™ **Continuous Rim** Blade unparalleled and effortless cutting precision and performance.

- Use 4", 4.5", 5" and 6" wet or dry; all other sizes must be used wet
- Cuts Porcelain, Marble, Porcelain Pavers, and Stone Pavers

Part No.	Diameter	Segment	Arbor Size	Wet or Dry
ZLPS10P0406C2	4"	6.5mm	7/8"-5/8"+20mm	wet & dry
ZLPS10P4506C2	4.5"	6.5mm	7/8"-5/8"+20mm	wet & dry
ZLPS10P0506C2	5"	6.5mm	7/8"-5/8"+20mm	wet & dry
ZLPS10P0606C2	6"	6.5mm	7/8"-5/8"+20mm	wet & dry
ZLPS10P0706U2	7"	9mm	U/A (DM-5/8")	<b>WET ONLY</b>
ZLPS10P0806E2	8"	9mm	1" - 5/8"	<b>WET ONLY</b>
ZLPS10P0806U2	8"	9mm	U/A (DM-5/8")	<b>WET ONLY</b>
ZLPS10P1008E2	10"	9mm	1" - 5/8"	<b>WET ONLY</b>
ZLPS10P1208E2	12"	9.5mm	1" - 5/8"	<b>WET ONLY</b>
ZLPS10P1208T2	12"	9.5mm	50/60mm	<b>WET ONLY</b>
ZLPS10P1408E2	14"	9.5mm	1" - 5/8"	<b>WET ONLY</b>
ZLPS10P1408T2	14"	9.5mm	50/60mm	<b>WET ONLY</b>



Wet Only

Angle  
GrinderTile  
SawCircular  
Saw

## PORCELAIN TILE

ZLW • 10MM

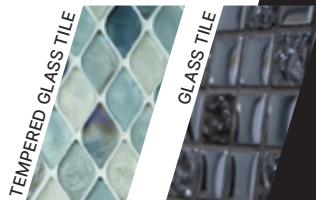
ZENESIS™ **Porcelain Tile** Blade is designed for professionals looking for fast, smooth and chip free cuts on ceramic and all types of porcelain, including large porcelain sheets and porcelain pavers. The continuous rim minimizes chipping and reduces the risk of blade flexing and segment loss.

- 10mm segment height for long life
- Must be used wet
- Cuts Porcelain and Porcelain Pavers

Part No.	Diameter	Segment	Arbor Size
ZLW10UT0406C3	4"	10mm	7/8"-5/8"+20mm
ZLW10UT4506C3	4.5"	10mm	7/8"-5/8"+20mm
ZLW10UT0706A3	7"	10mm	5/8"
ZLW10UT1006A3	10"	10mm	5/8"



Wet Only

Angle  
GrinderTile  
SawCircular  
Saw

## GLASS TILE

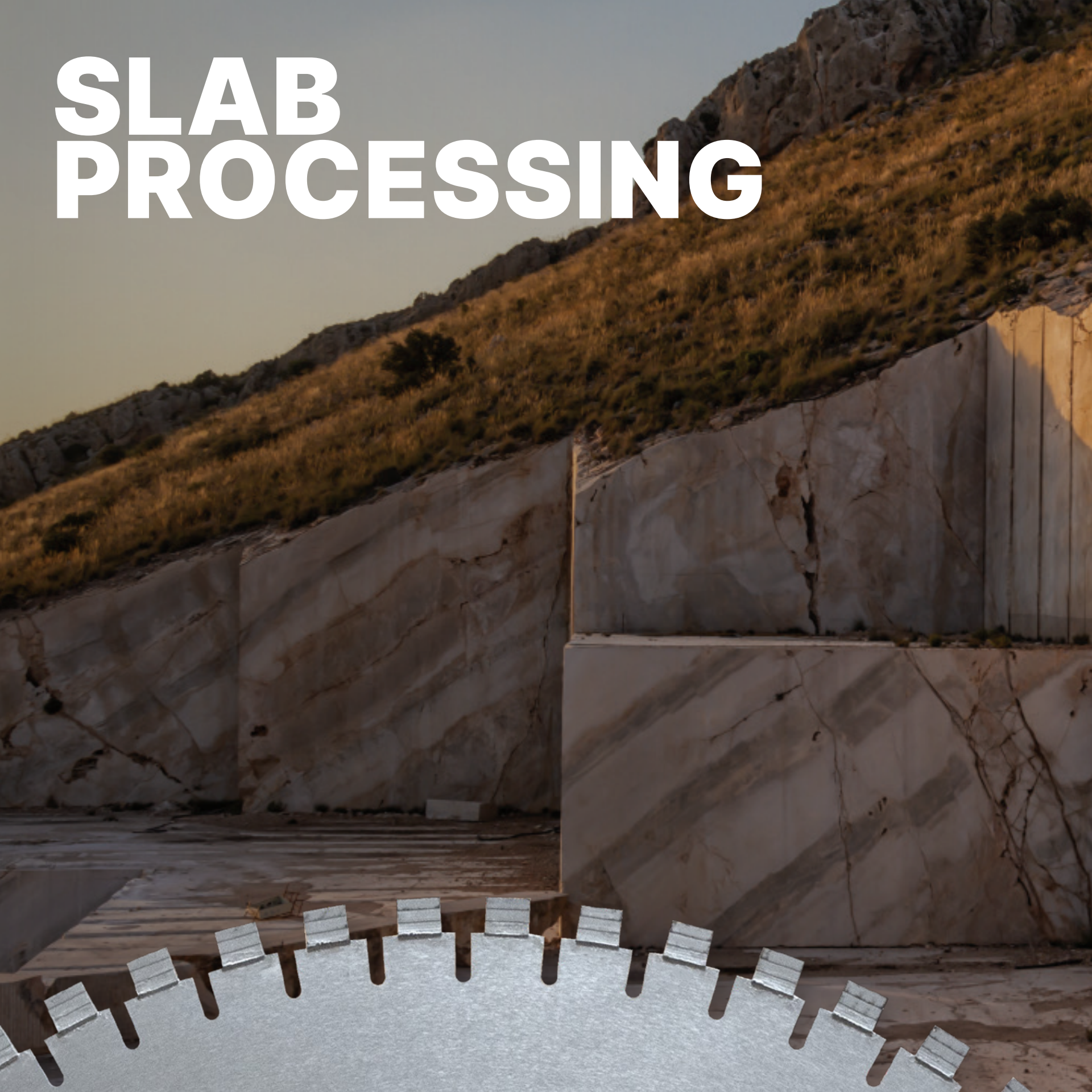
ZLGW • 7.5MM

The ZENESIS™ **Glass Tile** Blades provide chip-free performance significantly beyond anything currently available on the market on all types and thicknesses of glass.

- Also provides smooth clean cuts on Hard Porcelain
- Must be used wet
- Cuts Glass

Part No.	Diameter	Segment	Arbor Size
ZLGW20U0406C2	4"	7.5mm	7/8"-5/8"+20mm
ZLGW20U4506C2	4.5"	7.5mm	7/8"-5/8"+20mm
ZLGW20U0706A2	7"	7.5mm	5/8"
ZLGW20U1006A2	10"	7.5mm	5/8"

# SLAB PROCESSING



# QUARRY BLADE



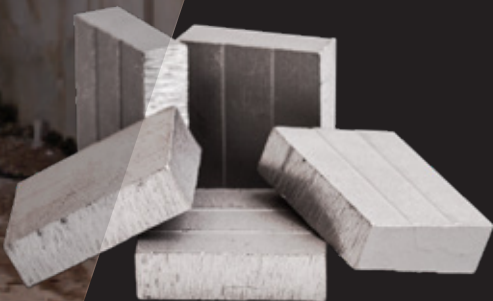
ZENESIS™ slab processing and stone **veneer blades** use patented pattern diamond technology to provide maximum cutting performance at the lowest cost per cut. We offer a variety of different bond segments to cover virtually all natural stone.

Made in our Irvine, California manufacturing facility, we can quickly produce blades from 24" to 60". Our precision laser cutter can custom make any arbor size and bolt hole pattern.

- Blades available for Granite, Marble, Limestone, Sandstone, Quartzite, and other Natural Stone
- Cores available: Solid, Semi-Silent, Silent (limited sizes available for sandwich silent cores)

## ZENESIS™ THIN VENEER SEGMENTS

- Offer a variety of different bond segments to cover virtually all natural stone
- Segments available for Granite, Marble, Limestone, Sandstone, Quartzite, and other Natural Stone
- Segments offered from 10mm, 15mm, 20mm
- Stand-alone segments also available for sale



# DRILLING





Dry or Wet



Angle Grinder

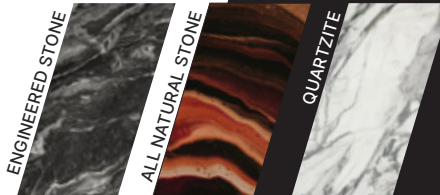
# OBSIDIAN

## ZDGUL4

The ZENESIS™ Obsidian diamond core bit is the ultimate tool for tile and stone, capable of drilling clean holes in porcelain, granite, marble, ceramic, DEKTON®, and quartzite—wet or dry. Exclusive ZENESIS™ pattern diamond segments offer up to 70% longer life, while drop segments add durability and weld protection. Depth gauge lines at 20mm and 30mm improve precision. Depth gauge lines at 20mm and 30mm improve precision, and brazed diamonds inside and out prevent binding for easy plug removal. Compatible with all grinders and polishers

- Drills Engineered Stone, All Natural Stone, and Quartzite

Part No.	Diameter	Segment	Arbor Size
ZDGUL032B4	1-1/4"	8mm	5/8"-11 Threaded
ZDGUL035B4	1-3/8"	8mm	5/8"-11 Threaded
ZDGUL038B4	1-1/2"	8mm	5/8"-11 Threaded
ZDGUL051B4	2"	8mm	5/8"-11 Threaded
ZDGUL057B4	2-1/4"	8mm	5/8"-11 Threaded
ZDGUL062B4	2-1/2"	8mm	5/8"-11 Threaded
ZDGUL075B4	3"	8mm	5/8"-11 Threaded



Dry or Wet



Angle Grinder

# BLACK

## ZDGUL • 8MM

The ZENESIS™ **Black** Core Bits, built with our renowned ZENESIS™ pattern diamond tech, excel with challenging materials like quartzite. These bits offer exceptional performance and ensure consistent results throughout their lifespan. External brazed diamonds prevent binding, while internal ones ease plug removal.

- All-new design for enhanced performance
- Can be used wet or dry
- Drills Granite, Engineered Stone, and Quartzite

Part No.	Diameter	Segment	Arbor Size
ZDGUL032B3	1-1/4"	8mm	5/8"-11 Threaded
ZDGUL035B3	1-3/8"	8mm	5/8"-11 Threaded
ZDGUL038B3	1-1/2"	8mm	5/8"-11 Threaded
ZDGUL051B3	2"	8mm	5/8"-11 Threaded
ZDGUL057B3	2-1/4"	8mm	5/8"-11 Threaded
ZDGUL062B3	2-1/2"	8mm	5/8"-11 Threaded
ZDGUL075B3	3"	8mm	5/8"-11 Threaded



Dry or  
WetAngle  
Grinder

GRANITE

ENGINEERED STONE

## Z

### ZEDGPL • 8MM

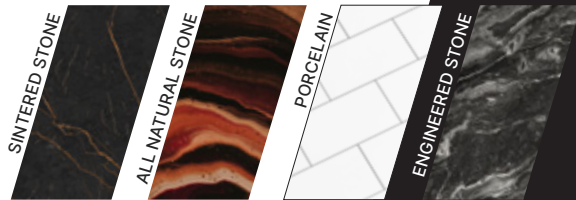
The ZENESIS™ Z-Core Bit is engineered for optimal performance on granite and engineered stone. It is equipped with abrasive coating both inside and outside to reduce friction and to facilitate easy core removal. Featuring laser-welded segments for safety and long life, this product provides maximum value.

- Engineered for maximum performance on Granite and Engineered Stone
- Can be used wet or dry
- Drills Granite and Engineered Stone

Part No.	Diameter	Segment	Arbor Size
ZEDGPL025BSL	1"	8mm	5/8"-11
ZEDGPL032BSL	1-1/4"	8mm	5/8"-11
ZEDGPL035BSL	1-3/8"	8mm	5/8"-11
ZEDGPL038BSL	1-1/2"	8mm	5/8"-11
ZEDGPL044BSL	1 3/4"	8mm	5/8"-11
ZEDGPL051BSL	2"	8mm	5/8"-11



Wet Only

Angle  
Grinder

SINTERED STONE

ALL NATURAL STONE

PORCELAIN

ENGINEERED STONE

## Z-THIN WALL

### ZETWCB • 9.5MM

ZENESIS™ Z-Thin Wall Core Bit excels in clean, precise hole drilling across diverse materials like marble, granite, porcelain, with minimal chipping and blowout compared to standard bits.

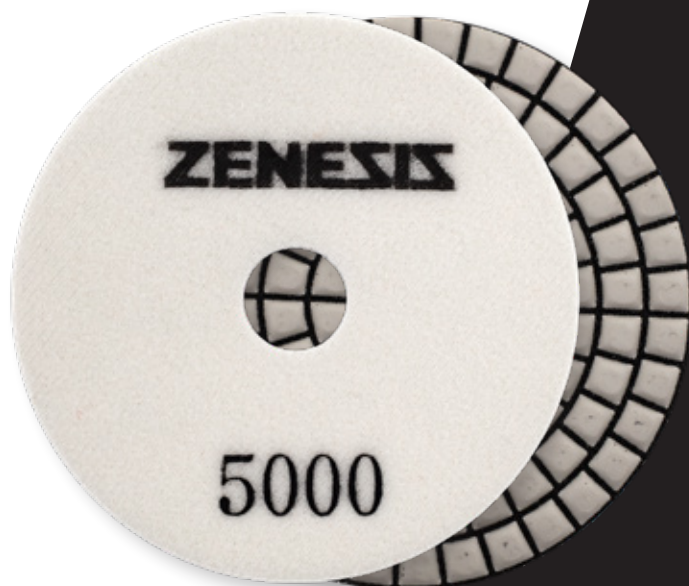
- Drills All Natural Stone, Porcelain, and Engineered Stone

Part No.	Diameter	Segment	Arbor Size
ZETWCB30P019B	3/4"	9.5mm	5/8"-11
ZETWCB30P025B	1"	9.5mm	5/8"-11
ZETWCB30P028B	1 1/8"	9.5mm	5/8"-11
ZETWCB30P032B	1 1/4"	9.5mm	5/8"-11
ZETWCB30P035B	1 3/8"	9.5mm	5/8"-11
ZETWCB30P038B	1 1/2"	9.5mm	5/8"-11
ZETWCB30P044B	1 3/4"	9.5mm	5/8"-11
ZETWCB30P051B	2"	9.5mm	5/8"-11
ZETWCB30P060B	2 3/8"	9.5mm	5/8"-11
ZETWCB30P067B	2 5/8"	9.5mm	5/8"-11
ZETWCB30P075B	3"	9.5mm	5/8"-11
ZETWCB30P100B	4"	9.5mm	5/8"-11
ZETWCB30P120B	4 3/4"	9.5mm	5/8"-11



# POLISHING & GRINDING





Dry or Wet



Angle Grinder



Wet Polisher

## Z-FLEX DRY PADS

ZEPPD

ZENESIS™ **Z-Flex** Dry Ceramic Polishing Pads deliver unmatched flexibility and precision for detailed edges. A ceramic bond boosts performance, with new 30 and 5000 grits for versatility. Crafted to produce a clean, consistent, high-quality finish every time.

Part No.	Description
ZEPPD040030A1	4", #30 grit, Flexible Purple Velcro Backing
ZEPPD040050A1	4", #50 grit, Flexible Dark Blue Velcro Backing
ZEPPD040100A1	4", #100 Grit, Flexible Yellow Velcro Backing
ZEPPD040200A1	4", #200 Grit, Flexible orange Velcro Backing
ZEPPD040400A1	4", #400 Grit, Flexible Red Velcro Backing
ZEPPD040800A1	4", #800 Grit, Flexible Green Velcro Backing
ZEPPD041500A1	4", #1500 Grit, Flexible Light Blue Velcro Backing
ZEPPD043000A1	4", #3000 Grit, Flexible Brown Velcro Backing
ZEPPD045000A1	4", #5000 Grit, Flexible White Velcro Backing
ZEPPD04SETA1	4", #30-5000 Grit, set of 9, Flexible Velcro Backing

NATURAL STONE

PORCELAIN

GLASS TILE



Ultra Flexible



Wet Only



Wet Polisher

## COPPER PADS

ZEPPM

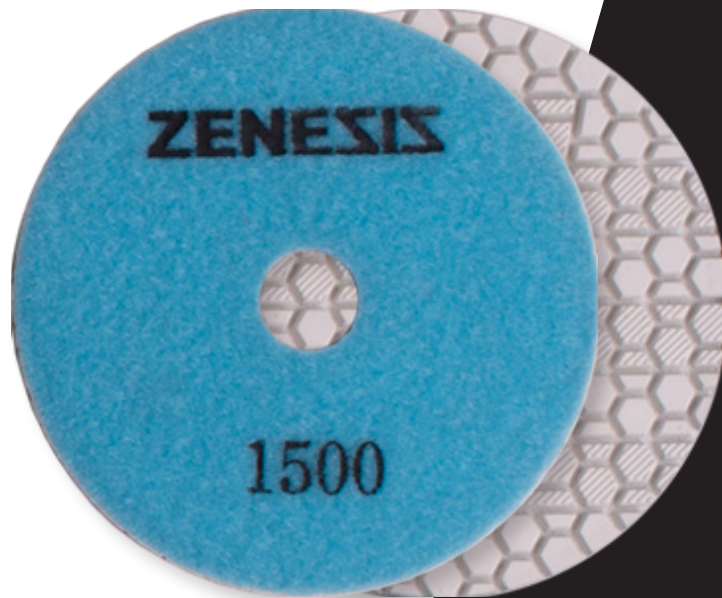
ZENESIS™ **Copper Polishing Pads** are a hybrid bond made by combining metal and resin with high concentration of diamonds. Significantly faster than standard resin polishing pads. Lasts 4 to 10 times longer than standard polishing pads.

Leaves less scratch pattern than standard pads.

Part No.	Size
ZEPPM040030A	4" X 3.0mm X 5/8", 30 Grit, Blue Backing
ZEPPM040050A	4" X 3.0mm X 5/8", 50 Grit, Tan Backing
ZEPPM040100A	4" X 3.0mm X 5/8", 100 Grit, Yellow Backing
ZEPPM040200A	4" X 3.0mm X 5/8", 200 Grit, Orange Backing
ZEPPM040400A	4" X 3.0mm X 5/8", 400 Grit, Red Backing

ALL NATURAL STONE





Wet Only



Wet Polisher

Updated  
flexible design!

## HYBRID WHITE RESIN PADS

### ZASHP

New ZENESIS™ **Hybrid White Resin Polishing Pads** are engineered to handle the challenges of modern engineered stone, where higher resin content can cause swirl marks, scratches, and even staining from traditional pads. Our specially formulated white resin prevents scratching or bleeding on light materials, even when brand new, and the new manufacturing process delivers dramatically increased flexibility without sacrificing performance or life.

- Polishes Engineered Stone, Quartzite, and All Natural Stone

Part No.	Description
ZASHP040050A5	4" x 3.0mm x 5/8, 50 grit, Blue Backing
ZASHP040100A5	4" x 3.0mm x 5/8, 100 grit, Yellow Backing
ZASHP040200A5	4" x 3.0mm x 5/8, 200 grit, Orange Backing
ZASHP040400A5	4" x 3.0mm x 5/8, 400 grit, Red Backing
ZASHP040800A5	4" x 3.0mm x 5/8, 800 grit, Green Backing
ZASHP041500A5	4" x 3.0mm x 5/8, 1500 grit, Light Blue Backing
ZASHP043000A5	4" x 3.0mm x 5/8, 3000 grit, Brown Backing



Wet Only



Wet Polisher

Updated  
flexible design!

## 3-STEP POLISHING PADS

### ZASHP

ZENESIS™ 3-Step Polishing Pads will save you time and make you money, delivering a spot on factory finish in half the time of traditional 7-step pads. The #1 pad removes saw marks and light pitting, the #2 pad hones and eliminates swirl marks, and the #3 pad produces a high gloss polish. A new manufacturing process increases flexibility without sacrificing the performance and life these pads are known for, and the special white resin will not stain your material.

- Polishes Engineered Stone, Quartzite, and All Natural Stone

Part No.	Size
ZASHP0400A5	4" x 3.0mm x 5/8, Position 0, Black Backing
ZASHP0401A5	4" x 3.0mm x 5/8, Position 1, Blue Backing
ZASHP0402A5	4" x 3.0mm x 5/8, Position 2, Yellow Backing
ZASHP0403A5	4" x 3.0mm x 5/8, Position 3, Orange Backing

Optional  
Position 0  
Available



Wet Only



Wet  
Polisher

# POLISHING PADS

## ZASHP

ZENESIS™ **Polishing Pads** give the highest quality shine and longest life of any pad on the market. It was 19% better than the #1 pad on the market when compared using a gloss meter.\* Highest quality diamonds, specially formulated resin and a unique segment pattern combine to make this go to pad for the most discriminating fabricators. Do a complete value analysis and you will find they are a great cost saver too.

- Polishes Granite and Engineered Stone

Updated  
flexible design!



Part No.	Description
ZASHP040050A4	4" x 2.8mm x 5/8, 50 grit, Blue Backing
ZASHP040100A4	4" x 2.8mm x 5/8, 100 grit, Yellow Backing
ZASHP040200A4	4" x 2.8mm x 5/8, 200 grit, Orange Backing
ZASHP040400A4	4" x 2.8mm x 5/8, 400 grit, Red Backing
ZASHP040800A4	4" x 2.8mm x 5/8, 800 grit, Green Backing
ZASHP041500A4	4" x 2.8mm x 5/8, 1500 grit, Light Blue Backing
ZASHP043000A4	4" x 2.8mm x 5/8, 3000 grit, Brown Backing





## DEKTON<sup>®</sup> APPROVED RESIN CUP WHEELS

### ZCSRG



Dry or  
Wet

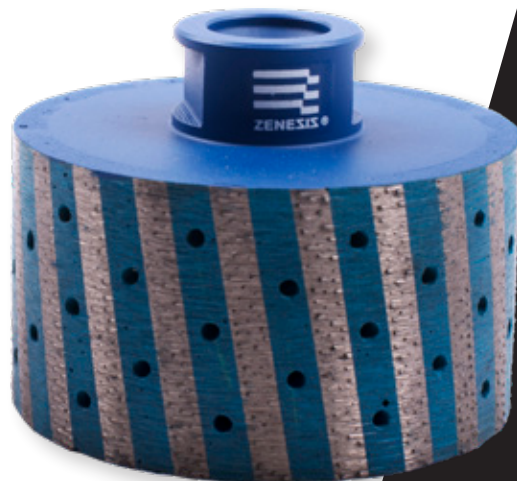


Angle  
Grinder

New and improved ZENESIS™ **Resin Cup Wheels** grind smooth and fast on any natural or engineered stone. Each cup is precision balance to grind without swirl patterns or chatter. Increased diamond and metal bond segments give very long life.

- Grinds Engineered Stone, All Natural stone, and Concrete

Part No.	Diameter	Arbor Size
ZCSRG04H3	4"	Coarse 50/60 Grit
ZCSRG04MH3	4"	Medium 80/100 Grit
ZCSRG04FH3	4"	Fine 120/140 Grit



Dry or  
Wet



Angle  
Grinder

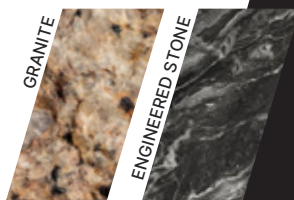
## ZERO TOLERANCE WHEEL

### ZGDSC

The ZENESIS™ **Zero Tolerance Wheel** feature resin-filled metal segments for fast grinding with reduced vibration. Since they use ZENESIS™ pattern technology, the tool life is long and the finish exceptionally smooth.

- 5/8"-11 thread
- Can be used wet or dry
- Grinds Granite and Engineered Stone

Part No.	Diameter	Arbor Size
ZGDSC02158AF	2" x 1-5/8"	5/8"-11 Threaded
ZGDSC03158AF	3" x 1-5/8"	5/8"-11 Threaded



# CNC TOOLS



# FINGER BITS

ZFBS



Wet Only



The ZENESIS™ **Finger Bits** excel in CNC performance across stone materials, delivering precise, quiet, chip-free cutting at increased speeds. They accommodate soft to medium-hard materials (4 segments) or medium to hard ones (7 segments). The enhanced design utilizes our most advanced diamond pattern to date, which increases durability and prevents premature wear to ensure long tool life.

- Recommended RPM ranges from 4,200 in hard material to 5,500 in softer material with a feed rate of 12"~16" per minute
- 1/2" gas thread
- Grinds Granite and Engineered Stone



GRANITE



ENGINEERED STONE

Part No.	Description
ZFBS02040A4	20mm x 1-5/8" x 1/2" Gas, 4 seg (40L-7W-3.5T)
ZFBS02250A4	22mm x 2" x 1/2" Gas, 4 seg (50L-7W-3.5T)
ZFBS02040A7	20mm x 1-5/8" x 1/2" Gas, 7 seg (40L-3W-4.0T)
ZFBS02250A7	22mm x 2" x 1/2" Gas, 7 seg (50L-7W-4.0T)

# ZENESIS™ PRODUCT VIDEOS

FOUND ON  **YouTube** @ZENESISTECHNOLOGY



ZENESIS  
BLACK 4



CORE  
BITS



ZENESIS  
CARBON



FINGER  
BITS



CONTINUOUS  
RIM



GLASS  
TILE



MARBLE



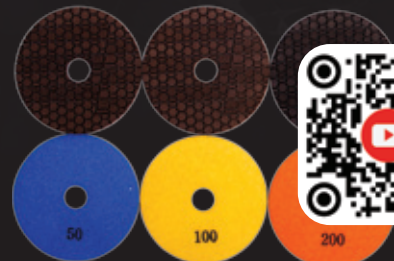
TURBO



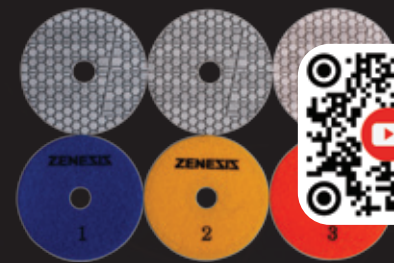
PORCELAIN  
TILE



QUARTZITE



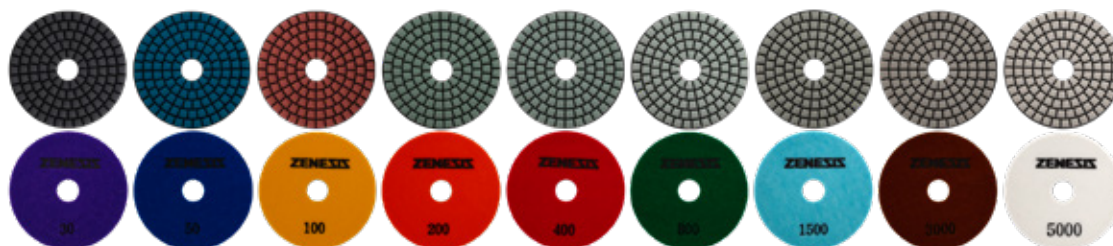
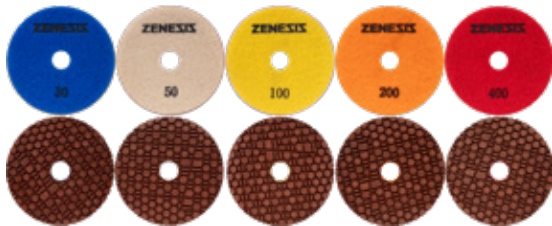
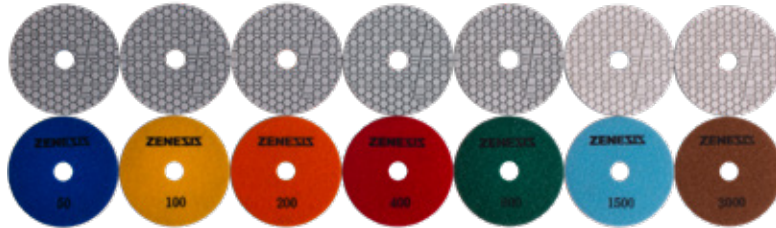
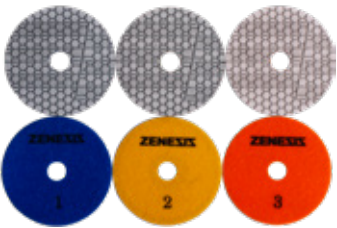
WET  
POLISHING  
PADS



ZENESIS™  
3-STEP  
PADS

# ZENESIS™ PRODUCT LINE OVERVIEW





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