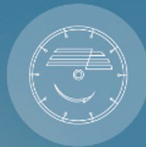


INNOVATOR IN TECHNOLOGY



**GENERAL TOOL**

PRODUCT CATALOG Vol. VIII



**gtdiamond.com**

General Tool is a privately-owned diamond tool manufacturing company headquartered in Irvine, California. Since the company was established in 1981, our goal has been to provide high-quality diamond tools and the best customer service in the industry. By making a strong commitment to innovation, manufacturing, and service, General Tool sets a high standard for the diamond tool industry.

General Tool manufactures diamond blades and core bits primarily for the construction, stone, and mining industries. General Tool's products cut and grind a variety of surfaces, including brick, mortar, concrete, granite, engineered stone, tile and glass. All of General Tool's products are made from the highest quality materials and represent culmination of years of research and development.

**General Tool, Inc.**

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# MATERIAL APPLICATION GUIDE

## PAVING MATERIAL

Cured Concrete  
(Hard Aggregate)  
Reinforced Concrete  
Hard Pavers

Cured Concrete  
Medium Aggregate

Concrete Block  
Lightweight Block

Asphalt  
Green Concrete

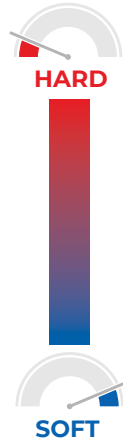
## BUILDING MATERIAL

Granite  
Marble / Terrazzo  
Hard Brick

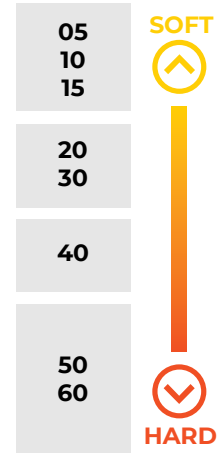
Masonry Materials  
Roofing Tile  
Medium Stone

Soft Stone  
Sand Stone  
Lime Stone

## MATERIAL TYPE

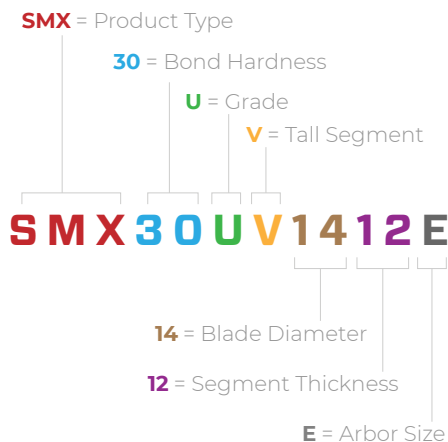


## BOND HARDNESS #



# PRODUCT IDENTIFICATION

example: **SMX30UV1412E**



## Product Type (Construction)

<b>SMX / SM</b>	Laser Welded Saw Blade
<b>SMF</b>	Refractory Blade
<b>SMM</b>	Bridge Saw Blade for Marble
<b>SRX</b>	Early Entry Blade
<b>ZSRX</b>	ZENESIS™ Patterned Diamond Early Entry Blade
<b>DX</b>	DiamondX® Metal Working Tools
<b>ZSM</b>	ZENESIS™ Patterned Diamond Saw Blade
<b>QSM</b>	Patterned Diamond Saw Blade
<b>QSG</b>	Patterned Diamond Bridge Saw Blade
<b>ID</b>	Sintered Saw Blade
<b>SB</b>	Brazed Single Layer
<b>SG</b>	Bridge Saw Blade
<b>RG</b>	Turbo Blade for Stone
<b>RT/RS/RW</b>	Turbo Blade with Side Protection
<b>RB</b>	Turbo Blade
<b>MEB</b>	Small Diameter Marble Blade
<b>LD</b>	Dry Tile Blade
<b>LW</b>	Wet Tile Blade
<b>LGW</b>	Wet Glass Tile Blade
<b>PG</b>	Rodding Blade
<b>CV</b>	Contour Blade
<b>CS</b>	Single Row Grinding Cup
<b>CD</b>	Double Row Grinding Cup
<b>CGS</b>	Single Turbo Grinding Cup
<b>CGD</b>	Double Turbo Grinding Cup
<b>NCFS</b>	Fan Turbo Grinding Cup
<b>PM</b>	Tuck Point Blade
<b>SH</b>	Crack Chaser
<b>ZOE</b>	ZENESIS™ Patterned Diamond Core Bits
<b>DG</b>	Thin Wall Wet Core Bits for Stone
<b>DM</b>	Wet/Dry Core Bits for Masonry and Tile
<b>OE</b>	Wet Core Bits
<b>OD</b>	Dry Core Bits
<b>GE</b>	Core Bits Segments
<b>AS</b>	Polishing Pads

## Arbor Size (Construction)

A	5/8"
B	20mm
C	7/8"
E	1"-20mm
H	5/8"-11
T	60/50mm
U	UA-7/8"-5/8"
A	1 1/4"-7 (Core Bits)
B	5/8"-11 (Core Bits)
ph	(pin hole)

## CUTTING DEPTH & SPEED

The actual cutting depth may vary depending on a number of factors, including the exact blade diameter, the exact flange diameter, saw components, etc.

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

\*Rec. - Recommended

\*\*HS - High Speed Diamond Blades

Blade Size (in.)	Cutting Depth by Application (in.)					Speed	
	Flat saw	Wall Saw	Masonry	Hi Speed	Tile	Rec. RPM	Max. RPM
4	-	-	-	1	3/4	9075	15000
4 1/2	-	-	-	1 1/4	1	8065	13300
5	-	-	-	1 1/2	1 1/4	7255	12000
6	-	-	-	-	1 3/4	6045	10185
7	1 1/2	-	-	2 1/2	2 1/4	5185	8730
8	2	-	-	3	2 3/4	4535	7640
9	-	-	-	-	3 1/4	4030	6790
10	3	-	-	3 3/4	3 3/4	3630	6115
12	3 5/8	-	-	-	-	3025	5095
12HS	-	-	-	4	-	-	6300
14	4 5/8	4 5/8	5	-	-	2595	4365
14HS	-	-	-	4 5/8	-	-	5460
16	5 5/8	-	6	-	-	2270	3820
16HS	-	-	-	6	-	-	4725
18	6 5/8	6 1/2	7	-	-	2015	3395
20	7 5/8	-	8-	-	-	1815	3055
20 5/8	-	-	8+	-	-	1760	2965
24	9 5/8	9 1/2	-	-	-	1510	2550
26	10 5/8	-	-	-	-	1395	2350
30	11 3/4	11 1/2	-	-	-	1120	2040
36	14 3/4	14 1/2	-	-	-	1010	1700
42	17 3/4	17 3/4	-	-	-	865	1455
48	19 3/4	20 3/4	-	-	-	755	1275

## TYPE OF EQUIPMENT



wet use



dry use



laser welded


angle grinder  
(small)

angle grinder  
(large)


circular saw



table saw



core drill



wall saw



ring saw



high speed saw



chop saw


low hp  
walk-behind

high hp  
walk-behind


tile saw



bridge saw



cnc machine



router bit

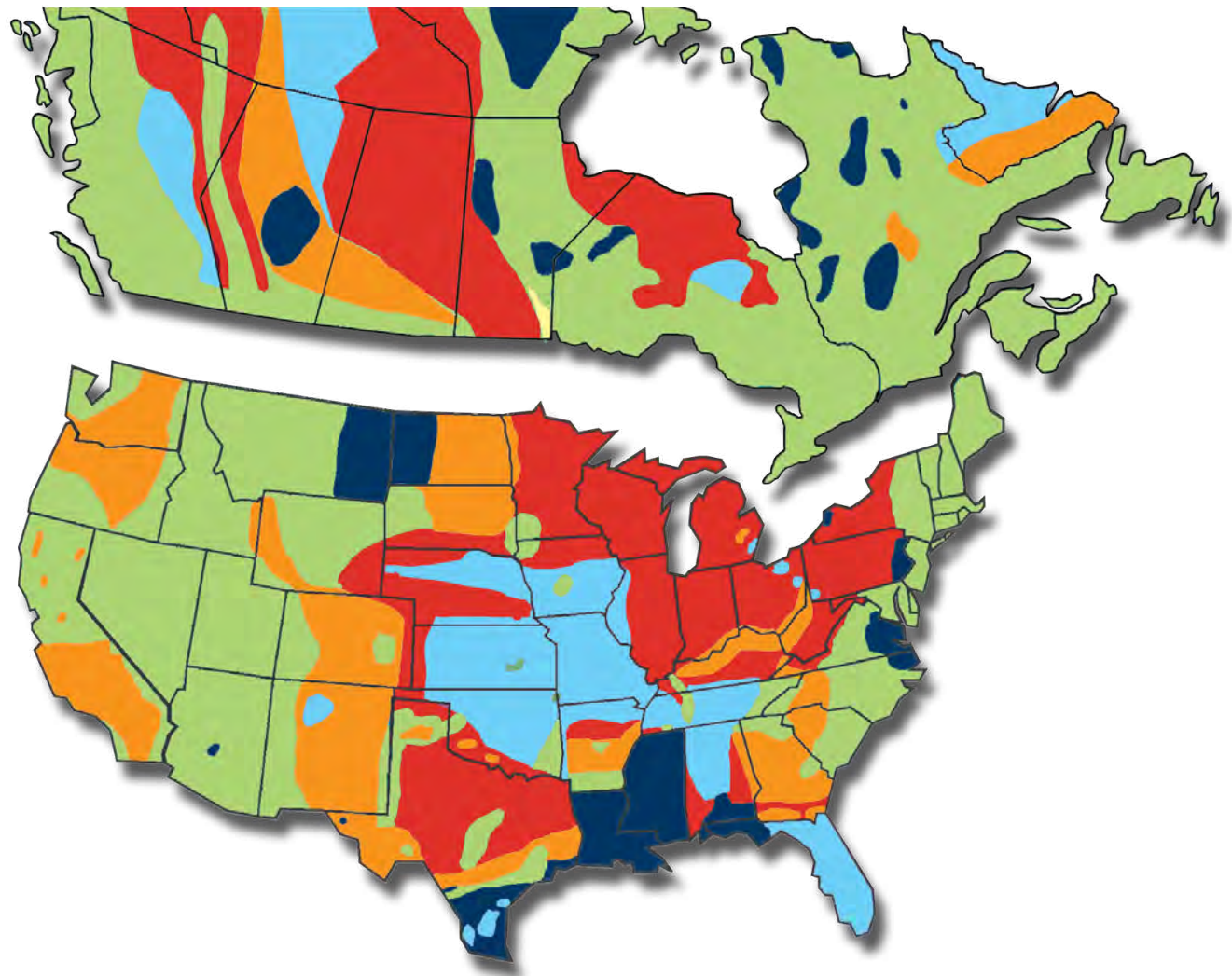


wire saw



stone wire saw

## AGGREGATE MAP







# PROFESSIONAL BLADES

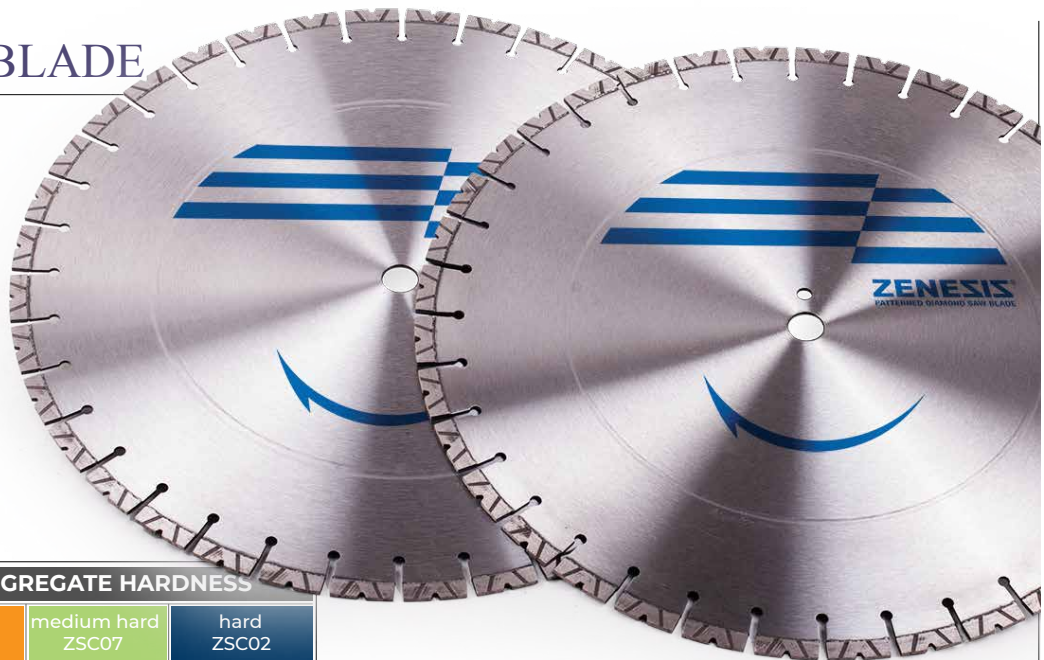
## PROFESSIONAL BLADES MAP

APPLICATIONS	GOOD		
	SC (masonry)	SA (asphalt)	SW (wall saw)
	ZENESIS™		
	ZSC (masonry)	ZSA (asphalt)	ZSW (wall saw)
Aerated Concrete	•		•
Aggregated Concrete	•		•
Aggregated Concrete - Hard	•		•
Asphalt		•	
Asphalt over Concrete	•		•
Block Paver	•		•
Cinderblock	•		•
Concrete	•		•
Concrete Block over 4000 psi	•		•
Concrete Floor / Slab	•		•
Concrete Curb	•		•
Concrete Paver	•		•
Concrete Pipe	•		•
Concrete Roof Tile	•		•
Concrete with med Sharp Sandstone	•		•
Cured Concrete	•		•
Flint Aggregate Concrete	•		•
Green Concrete		•	
Hard Concrete - Medium	•		•
Reinforced Concrete	•		•
River Gravel Aggregate Concrete	•		•
Shallow Concrete Screed	•		•
Steel Reinforced Lintel	•		•

• Most Suitable • Suitable

▼ concrete

## V NOTCH ZENESIS™ CONCRETE BLADE



Specification	AGGREGATE HARDNESS		
	medium ZSC10	medium hard ZSC07	hard ZSC02
35 CON 15mm, .591"	ZSC1035U15W	ZSC0735U15W	ZSC0235U15W
35 CON 12mm, .472"	ZSC1035U12W	ZSC0735U12W	ZSC0235U12W
30 CON 12mm, .472"	ZSC1030U12W	ZSC0730U12W	ZSC0230U12W

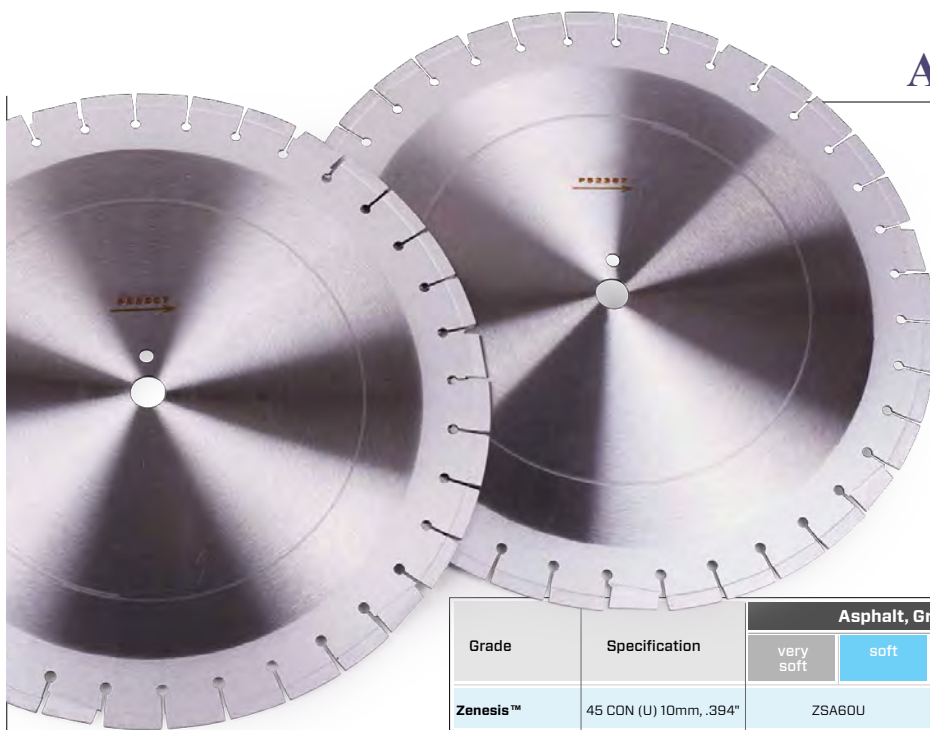


## V2 SERIES ZENESIS™ CONCRETE BLADE



Specification	AGGREGATE HARDNESS			
	medium ZSC10	medium soft ZSC10	medium hard ZSC10	hard ZSC10
40 CON 12mm	ZSCR2040U12W ZSC43040U12W	ZSCR1040U12W	ZSCR0540U12W	ZSCR024U12W ZSCR0740U12W
45 CON 15mm		ZSCR1045U15W	ZSCR0545U15W	ZSCR0245U15W
50 CON 12mm	ZSCR2050V12N ZSCR3050V12N	ZSCR1050V12N	ZSCR0550V12N	

## ASPHALT BLADE



Grade	Specification	Asphalt, Green Concrete, Asphalt over Concrete					
		very soft	soft	medium soft	medium	medium hard	hard
Zenesis™	45 CON (U) 10mm, .394"	ZSA60U		ZSA50U		ZSA40U	ZSA30U
Premium Pro	45 CON (U) 10mm, .394"	SA60U		SA50U		SA40U	SA30U
Standard Plus Pro	40 CON (T) 10mm, .394"	SA60T		SA50T		SA40T	SA30T
Standard Pro	35 CON (Q) 10mm, .394"	SA60Q		SA50Q		SA40Q	SA30Q

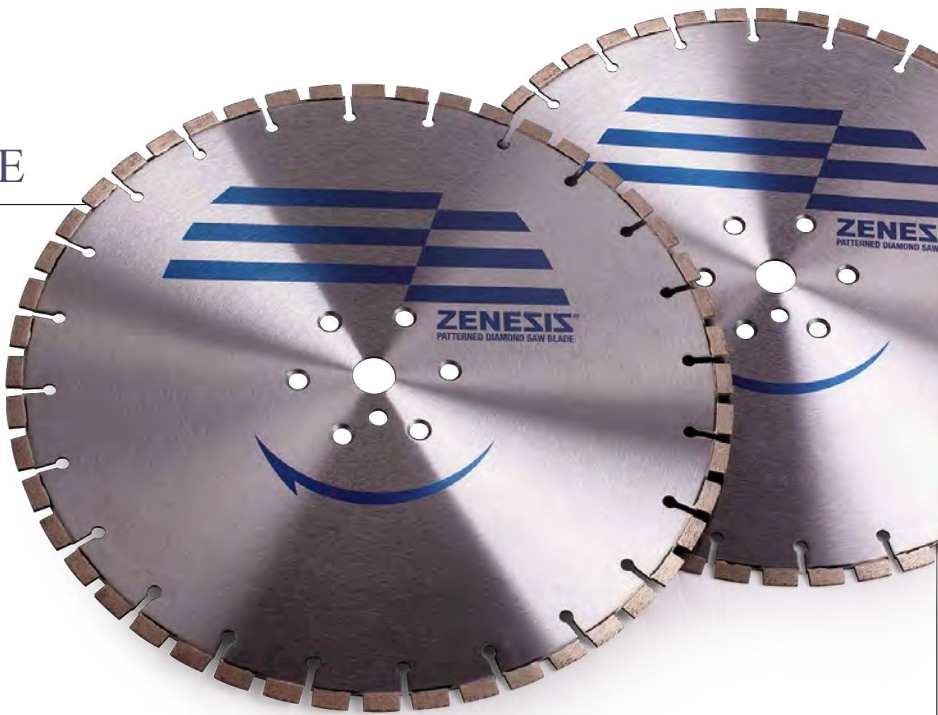


### V NOTCH SERIES ZENESIS™ WALL SAW BLADE



Specification	Aggregate Hardness		
	medium ZSW10	medium hard ZSW05	hard ZSW02
20 CON 12mm, .472"	ZSW1020U12N	ZSW0520U12N	ZSW0220U12N

### ZENESIS™ WALL SAW BLADE



Grade	Specification	Aggregate Hardness					
		very soft	soft	medium soft	medium	medium hard	hard
Zenesis™	21 CON (U) 10mm, .394"	ZSW50U	ZSW40U	ZSW30U	ZSW20U	ZSW10U	ZSW05U
Standard Pro	21 CON (Q) 10mm, .394"	SW50Q	SW40Q	SW30Q	SW20Q	SW10Q	SW05Q



A full-page background image with a teal color overlay. It shows a worker in a trench, wearing a hard hat and safety gear, using a large circular segmented blade tool to cut through a surface. Another worker's leg is visible on the right. The text 'SEGMENTED & TURBO BLADES' is overlaid in the bottom right corner.

# SEGMENTED & TURBO BLADES

## SEGMENTED &amp; TURBO BLADES MAP

APPLICATIONS	SEGMENTED							
	GOOD							
	ID10E			ID30E(R)/IF30P(R)	ID30E		ID50E	SMXME
	BETTER							
	SMX10L/E	SMX10L/E(R)(AT)	SMX10HE	SMX30E(R)(2)	SMX30L/E(2)	SMX40E	SMX50E	SMXAP/MP
	BEST							
	SMX10P	SMX10P/V(R)	SMX10VET(2)	SMX30V(R)	SMX30U	SMX40P	SMX50V	SMA
	ZENESIS™							
					ZSM30S12N			ZSMAP(2)
Aerated Concrete	○	○	○	●		○		●
Aggregated Concrete	●	●	●	●				●
Aggregated Concrete - Hard	●	●	●	○				○
Artificial Stone - Hard								
Asphalt							●	●
Asphalt over Concrete							○	●
Basalt								
Block Paver	●	●	●	●	●			●
Building Material	●	●	●	●	●			●
Cinderblock	●	●	●	●	●			●
Class A Engineering Brick	●	●	●	●	●			
Clay Paver / Pipes / Roof Tile	●	●	●	●	●			●
Clinker - Soft	●	●	●	●	●			●
Clinker - Hard	○	○	○					
Composite Material								
Compound Plaster								
Concrete	●	●	●	●	●	○		●
Concrete Block under 2500 PSI	●	●	●	●	●	○		
Concrete Block over 4000 PSI	●	●	●	●	●	○		
Concrete Roof Tile	●	●	●	●	●	○		
Cured Concrete	●	●	●	●	●	○		●
Ductile Iron								
Engineering Brick	●	●	●	●	●			●
Facing Brick	●	●	●	●	●			●
Fiberglass								
Flint Aggregate Concrete	●	●	●	●	●	○		●
Granite								
Green Concrete							○	○
Gritstone								
Lava								
Marble								
Natural Stone								
Porphyry								
Pumice Stone								
Red Brick	○	○	○					
Refractory Brick	○	○	○					
Reinforced Concrete	●	●	●	●	●	○		●
Roof Tile	○	○	○					
Sandstone								
Shallow Concrete Screed	●	●	●	●	●	○		●
Sheets, Profiles								
Slate								
Steel								
Steel Reinforced Lintel	●	●	●	●	●	○		●
Structural Steel								
Thermal Block	○	○	○					
Travertine								

APPLICATIONS	SEGMENTED				TURBO			
	GOOD				GOOD			
				SB20U	RB10H		RB30E	
	BETTER				BETTER			
		DXE0130P		SB10U	RB10N		RB30N	
	BEST				BEST			
	SRX	SB10SR(B)(G)	SB10HR	SMF20U	RB10U	RT10V/RS10V	RB30U/RT30V	RT50V
	ZSRX							
Aerated Concrete							•	•
Aggregated Concrete					•	•	•	
Aggregated Concrete - Hard					•	•	○	
Artificial Stone - Hard					•	•		
Asphalt								•
Asphalt over Concrete								○
Basalt					•	•		
Block Paver					○	○	•	
Building Material					○	○	•	
Cinderblock					○	○	•	
Class A Engineering Brick					○	○	•	
Clay Paver / Pipes / Roof Tile					○	○	•	
Clinker - Soft					○	○	•	
Clinker - Hard				•	•	•		
Composite Material		•	•					
Compound Plaster					•	•		
Concrete							•	
Concrete Block under 2500 PSI							•	
Concrete Block over 4000 PSI							•	
Concrete Roof Tile					○	○	•	
Cured Concrete					○	○	•	
Ductile Iron		•	•					
Engineering Brick					○	○	•	
Facing Brick					○	○	•	
Fiberglass		•	•					
Flint Aggregate Concrete					○	○	•	
Granite					•	•		
Green Concrete	•							
Gritstone					•	•		
Lava					•	•		
Marble				•	•	•		
Natural Stone					•	•		
Porphyry					•	•		
Pumice Stone					•	•		
Red Brick				•	•	•	•	
Refractory Brick				•	•	•	•	
Reinforced Concrete							•	
Roof Tile				•	•	•	•	
Sandstone					•	•		
Shallow Concrete Screed							•	
Sheets, Profiles		•	•					
Slate					•	•		
Steel		•	•					
Steel Reinforced Lintel							•	
Structural Steel		•	•					
Thermal Block				•	•	•	•	
Travertine					○	○		



## SMX10PT PREMIUM



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick, Concrete Pipe, Terrazzo
- 10mm (.394") segment height
- Water drop slot
- Unique arbor available for IQ saw
- Silent core available

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph  
 14 x .110 x 20mm  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph  
 16 x .140 x 1, ph  
 16.5 x .125  
 18 x .125 x 1, ph  
 18 x .140 x 1, ph  
 20 x .125 x 1, ph  
 20 x .140 x 1, ph  
 20 x .155 x 1, ph  
 24 x .140 x 1, ph  
 24 x .155 x 1, ph

## SMX10PV PREMIUM



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick, Concrete Pipe, Terrazzo
- 12mm (.472") segment height
- Water drop slot

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 16 x .140 x 1, ph  
 18 x .125 x 1, ph\*  
 18 x .140 x 1, ph  
 20 x .125 x 1, ph\*  
 20 x .140 x 1, ph\*  
 20 x .155 x 1, ph  
 24 x .140 x 1, ph\*  
 24 x .155 x 1, ph\*





## SMX10LV ECONOMY



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick, Concrete Pipe, Terrazzo
- 12mm (.472") segment height
- **Made in USA**

12 x .125  
14 x .125  
16 x .125

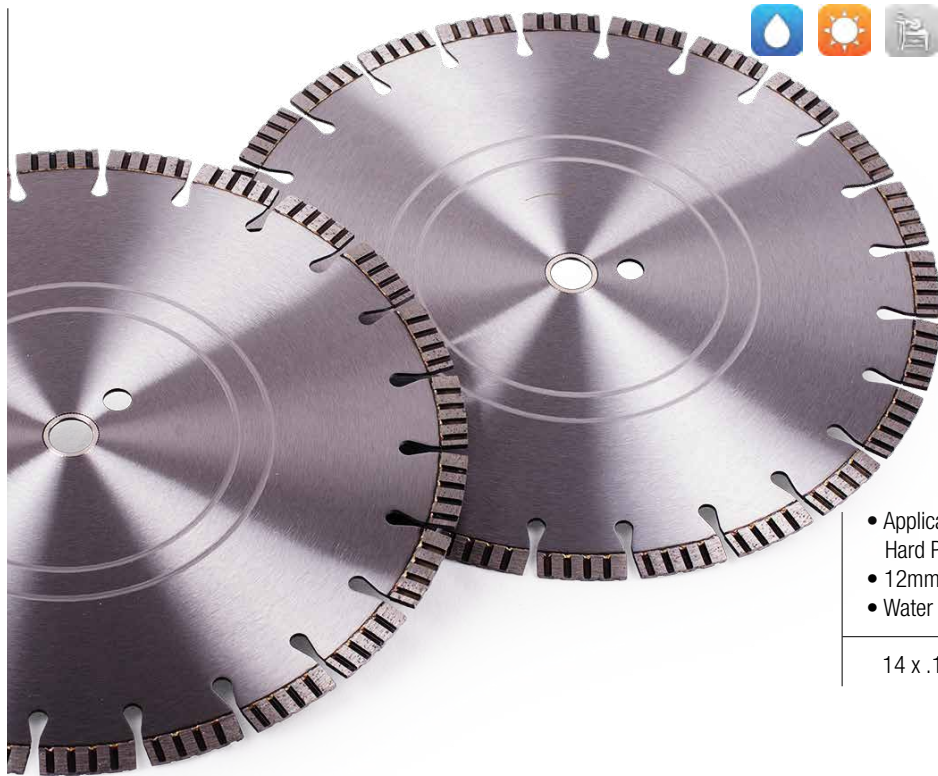
## SMX10LVR(AT) STANDARD



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick, Concrete Pipe, Terrazzo
- 12mm (.472") segment height
- Full Turbo or Alternating Turbo segment available
- **Made in USA**
- Keyhole slot

12 x .125 x 1  
12 x .125 x 20mm  
14 x .125 x 20mm  
14 x .125 x 1, ph\*  
16 x .125 x 1  
18 x .125 x 1  
20 x .125 x 1

## SMX10PVR PREMIUM



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick, Concrete Pipe, Terrazzo
- 12mm (.472") segment height
- Water drop slot, Turbo Segment

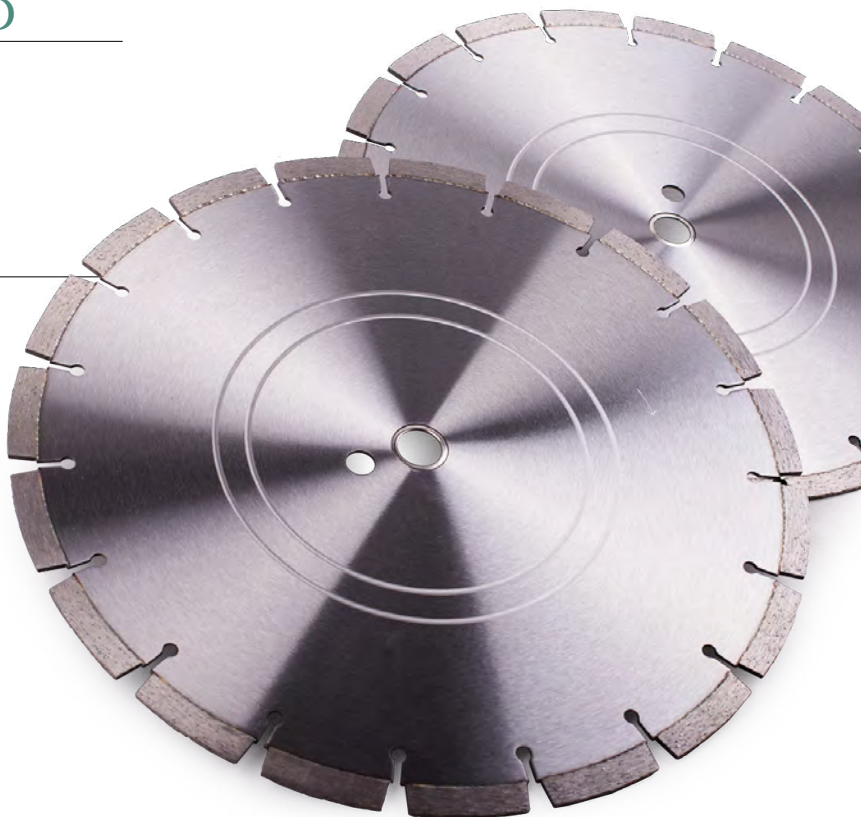
14 x .125 x 1-20mm, ph

## SMX10EV STANDARD



- Application: Hard Material
- 12mm (.472") segment height
- Keyhole slot

12 x .125 x 20mm  
12 x .125 x 1-20mm, ph  
14 x .125 x 20mm  
14 x .125 x 1-20mm, ph\*  
16 x .125 x 1-20mm, ph



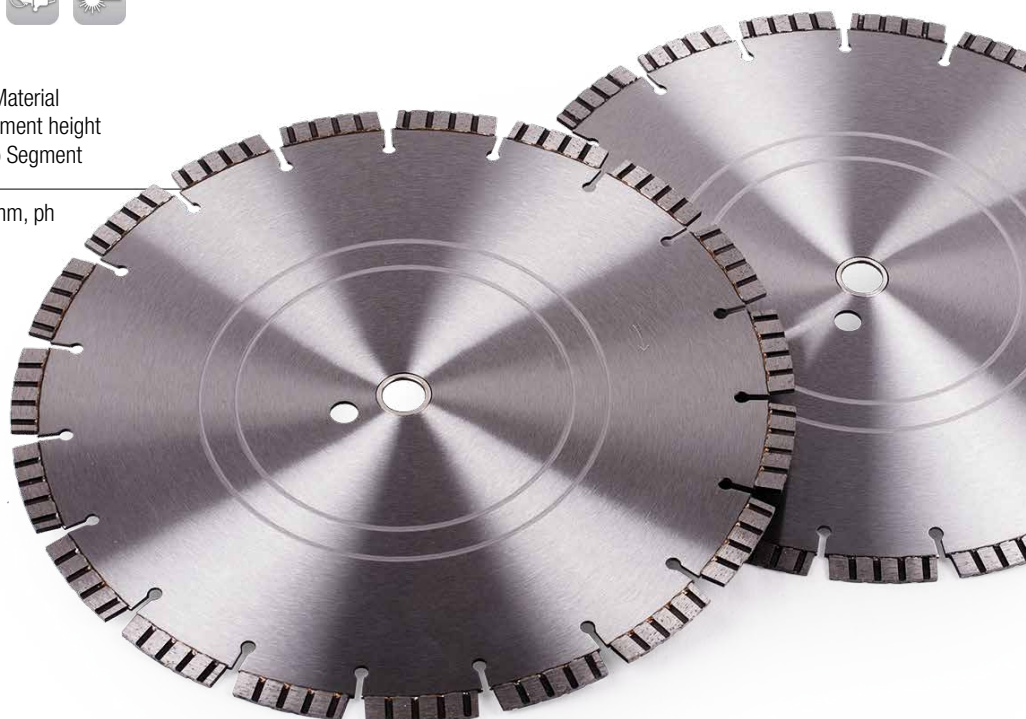


## SMX10EVR STANDARD



- Application: Hard Material
- 12mm (.472") segment height
- Keyhole slot, Turbo Segment

14 x .125 x 1-20mm, ph



## ID10EV ECONOMY



- Application: Hard Material
- 12mm (.472") segment height
- Sintered
- Keyhole slot

12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph  
16 x .125 x 1-20mm, ph



## SMX10VT SUPREME



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick
- 10mm (.394") segment height
- Keyhole slot

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 5/8  
 5 x .080 x 7/8-5/8\*  
 6 x .095 x 20mm-5/8  
 6 x .095 x 7/8-5/8  
 6 x .095 x UA-7/8-5/8\*  
 7 x .095 x UA-7/8-5/8\*  
 8 x .095 x UA-7/8-5/8\*  
 10 x .095 x UA-7/8-5/8

## SMX10VTR SUPREME



- Application: Hard Concrete, Reinforced Concrete, Hard Paver Brick
- 10mm (.394") segment height
- Keyhole slot, Turbo segment

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8  
 6 x .095 x 7/8-5/8  
 7 x .095 x UA-7/8-5/8\*  
 8 x .095 x UA-7/8-5/8\*  
 10 x .095 x UA-7/8-5/8\*





## SMX10VET(2) SUPREME



- Application: Hard Material, Hard Paver Brick, Refractory, Firebrick
- 10mm (.394") segment height
- Slanted U slot

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph  
 16 x .140 x 1, ph  
 18 x .125 x 1, ph\*  
 18 x .140 x 1, ph  
 18 x .155 x 1, ph  
 20 x .125 x 1, ph\*  
 20 x .140 x 1, ph  
 24 x .155 x 1, ph



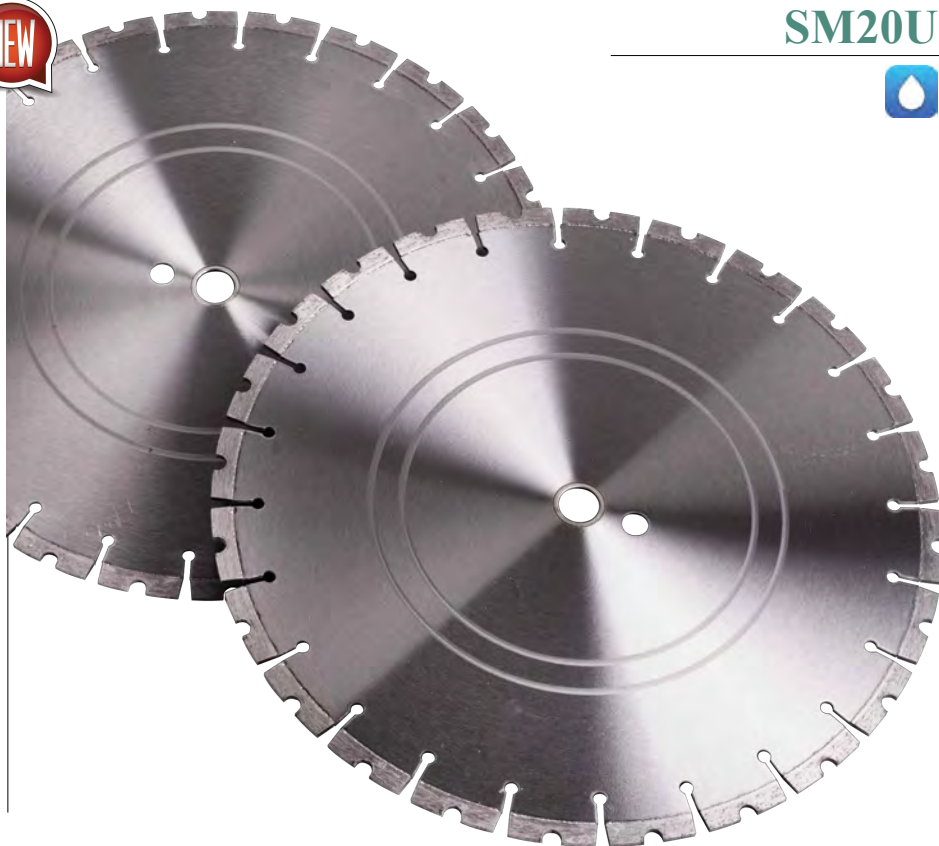
## SMX10HET STANDARD



- Application: Hard Material, Hard Paver Brick, Refractory, Firebrick
- 10mm (.394") segment height
- Slanted U slot

12 x .110 x 1-20mm, ph  
 12 x .125 x 1-20mm, ph  
 14 x .110 x 1-20mm, ph\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 1-20mm, ph  
 18 x .125 x 1, ph  
 20 x .125 x 1, ph  
 20 x .140 x 1, ph





## SM20UT PREMIUM



- Application: Hard Material
- 10mm (.394") segment height
- Laser Welded

12 x .125  
14 x .125  
16 x .125  
18 x .125  
20 x .125

▼ *general purpose / masonry*

## ZSM30S12N ZENESIS™



- Application: General Purpose, Cured Concrete, Masonry
- 12mm (.472") segment height
- Keyhole slot

12 x .125 x 20mm  
12 x .125 x 1-20mm, ph\*  
14 x .125 x 20mm\*  
14 x .125 x 1-20mm, ph\*  
16 x .125 x 20mm  
16 x .125 x 1-20mm, ph\*  
16 x .125 x 1, ph\*  
18 x .125 x 1, ph\*  
20 x .140 x 1, ph  
24 x .145 x 1, ph



## SMX30UV SUPREME



- Application: General Purpose, Cured Concrete, Masonry
- 12mm (.472") segment height
- Slanted Keyhole slot

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1, ph\*  
 18 x .140 x 1, ph\*  
 20 x .125 x 1, ph\*  
 20 x .140 x 1, ph  
 24 x .140 x 1, ph  
 24 x .155 x 1, ph\*

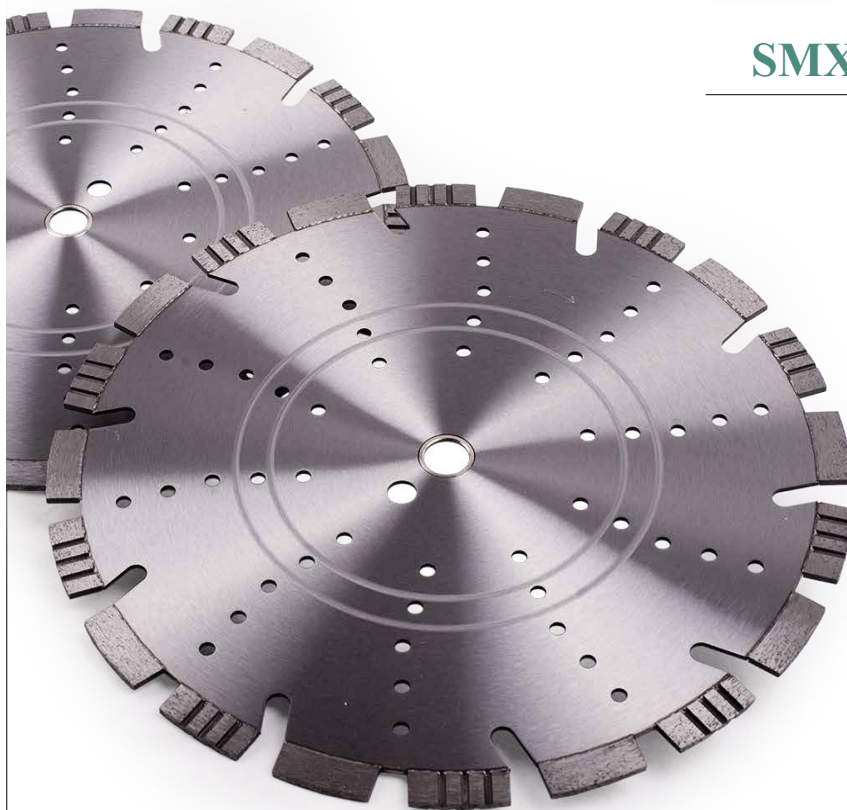


## SMX30EF(AT) PREMIUM



- Application: Hard Brick, Block, General Purpose
- 15mm (.591") segment height
- Slanted U slot, Alternating Turbo Segment

12 x .125 x 1-20mm, ph\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 1-20mm, ph\*  
 20 x .140 x 1, ph\*





**SMX30EF PREMIUM**

- Application: General Purpose, Masonry, Soft Concrete
- 15mm (.591") segment height
- Keyhole slot

12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph\*

**SMX30EV(2) STANDARD**

- Application: General Purpose, Masonry, Soft Concrete
- 12mm (.472") segment height
- Keyhole slot

12 x .125 x 20mm  
12 x .125 x 1-20mm, ph\*  
14 x .125 x 20mm\*  
14 x .125 x 1-20mm, ph\*  
16 x .125 x 20mm\*  
16 x .125 x 1-20mm, ph\*  
18 x .125 x 1, ph\*  
20 x .140 x 1, ph\*



## SM30EVR STANDARD



- Application: General Purpose, Masonry, Soft Concrete
- 12mm (.472") segment height
- Keyhole slot, Turbo segment

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1, ph\*  
 20 x .140 x 1, ph\*



## SMX30ET STANDARD



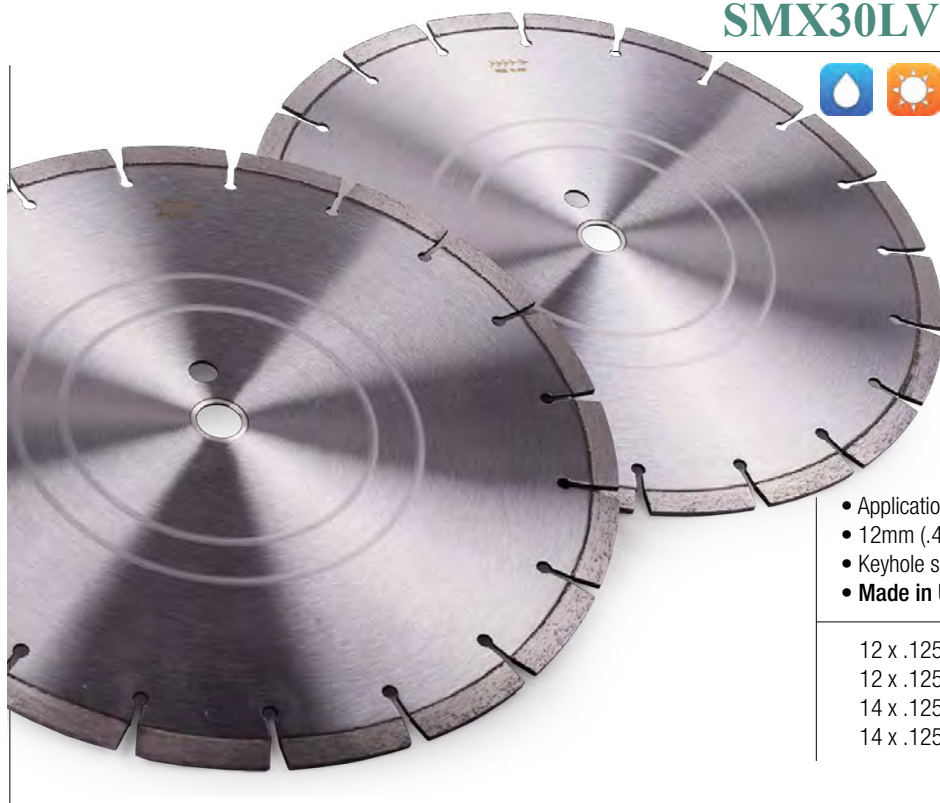
- Application: General Purpose, Masonry, Soft Concrete
- 10mm (.394") segment height
- Keyhole slot

4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .095 x UA-7/8-5/8\*  
 7 x .095 x UA-7/8-5/8\*  
 8 x .095 x UA-7/8-5/8\*  
 9 x .095 x UA-7/8-5/8\*  
 10 x .095 x 1  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1, ph\*  
 20 x .140 x 1, ph\*





## SMX30LV STANDARD



- Application: General Purpose, Masonry, Soft Concrete
- 12mm (.472") segment height
- Keyhole slot
- **Made in USA**

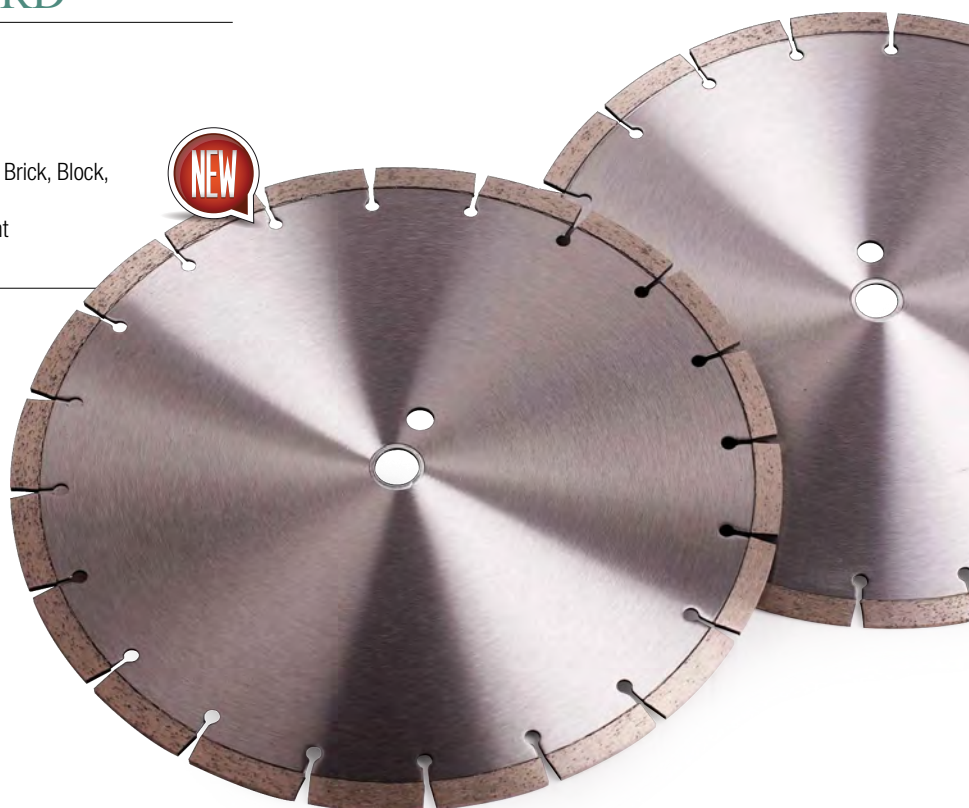
12 x .125 x 20mm  
12 x .125 x 1-20mm, ph\*  
14 x .125 x 20mm\*  
14 x .125 x 1-20mm, ph\*

## IF30PV STANDARD



- Application: General Purpose, Brick, Block, Soft Concrete
- 12mm (.472") segment height
- Sintered

12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph

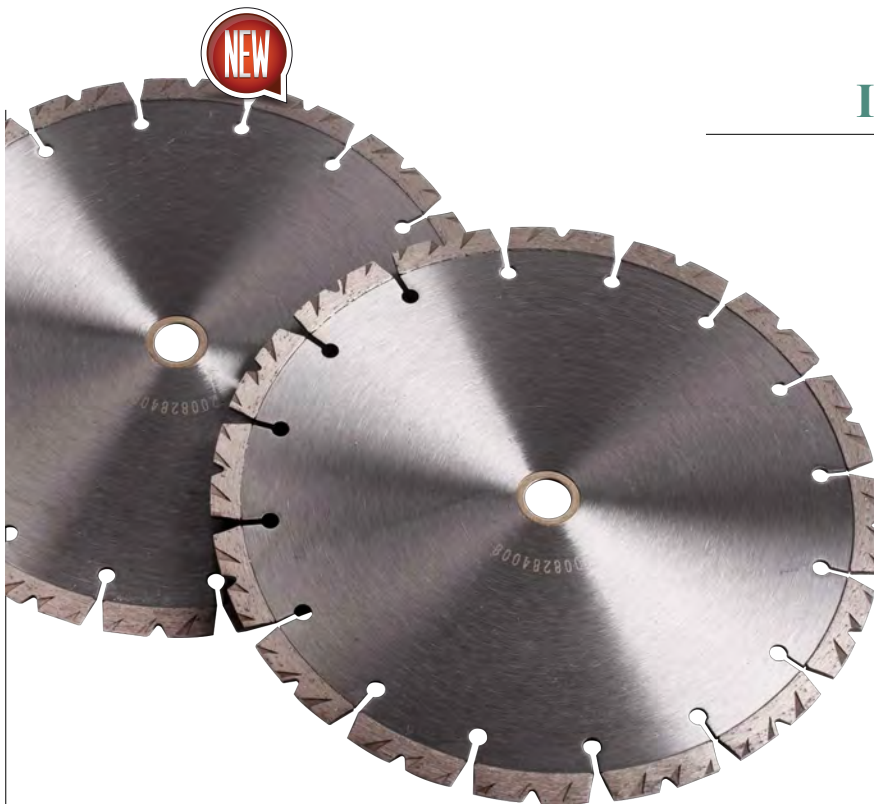


## IF30PVR STANDARD



- Application: General Purpose, Brick, Block, Soft Concrete
- 12mm (.472") segment height
- Sintered

10 x .950 x 1, ph  
12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph



## IF30PTR ECONOMY



- Application: General Purpose, Brick, Block, Soft Concrete
- 10mm (.394") segment height
- Sintered
- 9" specifically designed for battery powered gas saws

4 x .080 x 7/8-5/8  
4 1/2 x .080 x 7/8-5/8  
5 x .080 x 7/8-5/8  
6 x .090 x 7/8-5/8  
7 x .095 x U/A-5/8  
9 x .095 x 7/8-5/8



## IF30PF STANDARD



- Application: General Purpose, Brick, Block, Soft Concrete
- 15mm (.590") segment height
- Sintered

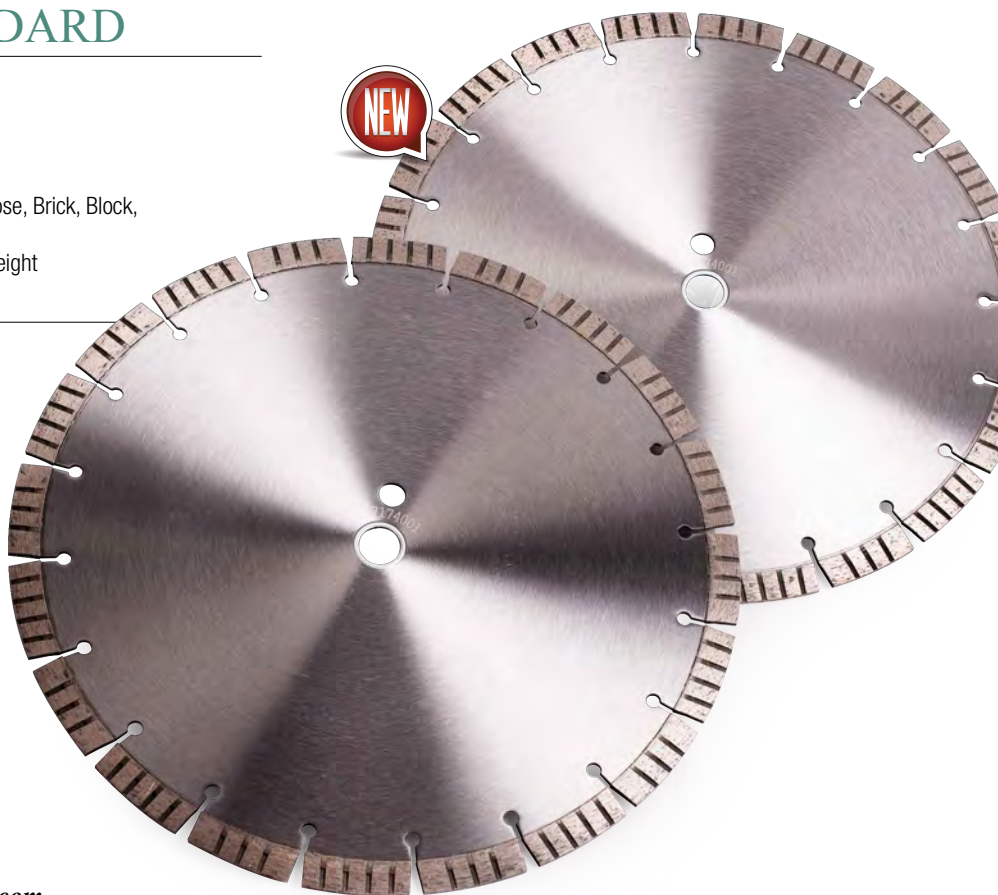
12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph

## IF30PFR STANDARD



- Application: General Purpose, Brick, Block, Soft Concrete
- 15mm (.590") segment height
- Sintered

14 x .125 x 1-20mm, ph



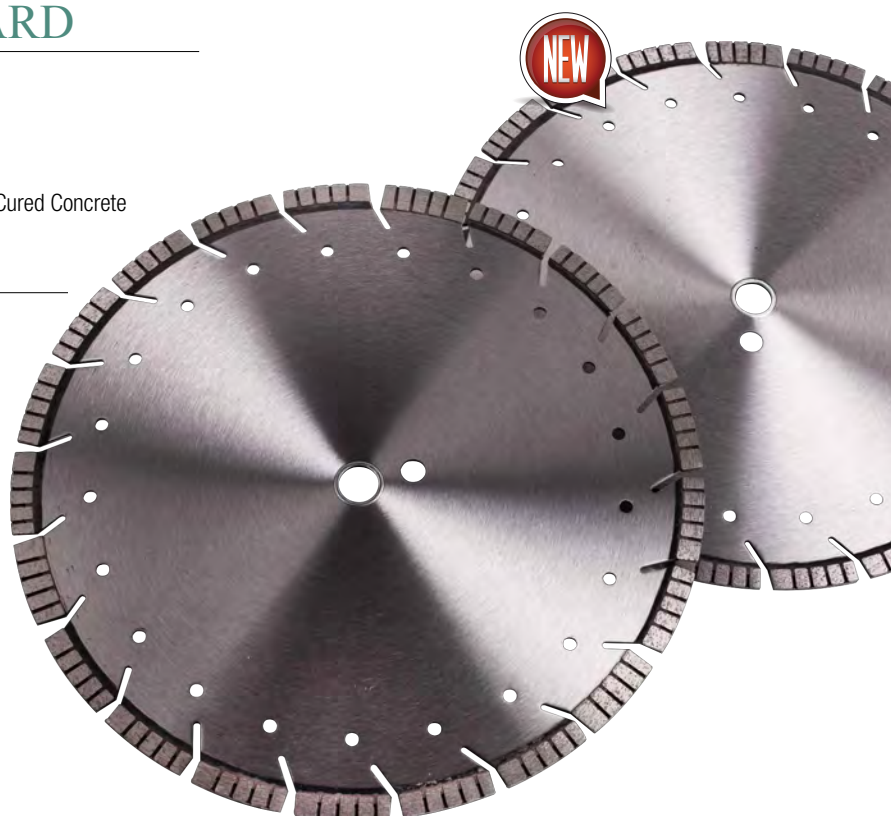


## ID30ATR STANDARD



- Application: All Purpose, Asphalt, Cured Concrete
- Sintered
- 10mm (.394") segment height

14 x .125 x 1-20mm\*



## ▼ *general purpose / masonry*

## ID30EF ECONOMY



- Application: General Purpose, Masonry
- 15mm (.591") segment height
- Sintered
- Keyhole slot

14 x .125 x 20mm  
14 x .125 x 1-20mm, ph\*



## ID30EV ECONOMY



- Application: General Purpose, Masonry
- 12mm (.472") segment height
- Sintered
- Keyhole slot

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*

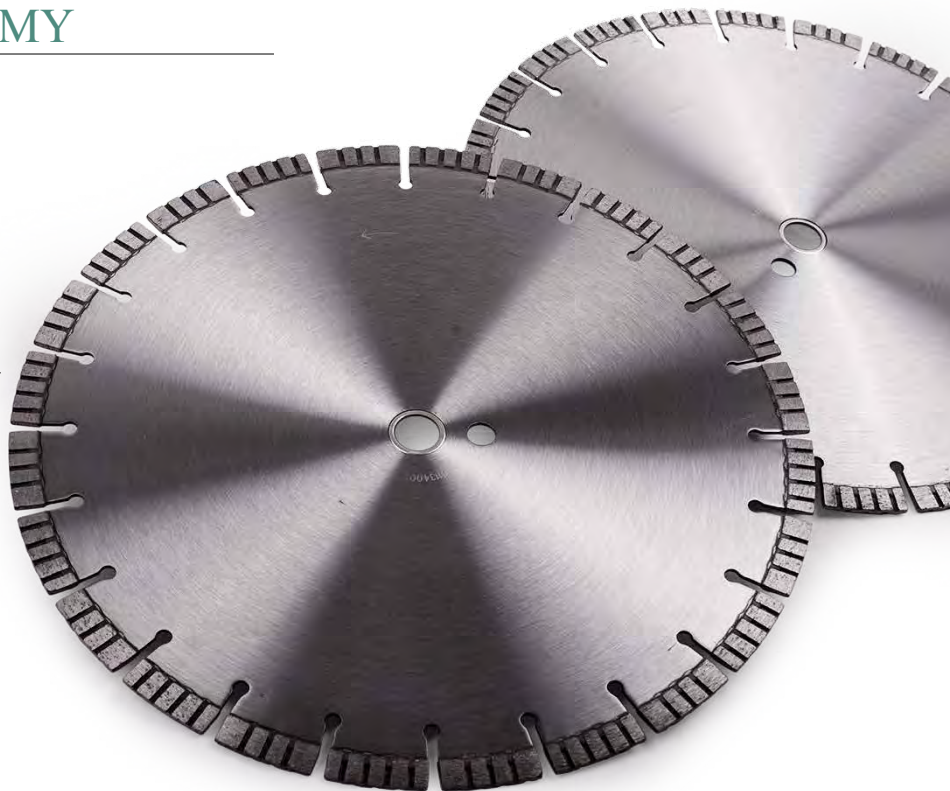


## ID30EVR ECONOMY



- Application: General Purpose, Masonry
- 12mm (.472") segment height
- Sintered
- Keyhole slot, Turbo segment

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*



## ID30ET ECONOMY



- Application: General Purpose, Masonry
- 10mm (.394") segment height
- Sintered
- Keyhole slot

4 x .060 x 7/8-5/8\*  
 4.5 x .060 x 7/8-5/8\*  
 5 x .060 x 7/8-5/8\*  
 6 x .080 x UA-7/8-5/8\*  
 7 x .080 x UA-7/8-5/8\*  
 8 x .095 x UA-7/8-5/8\*  
 10 x .095 x UA-7/8-5/8\*  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*

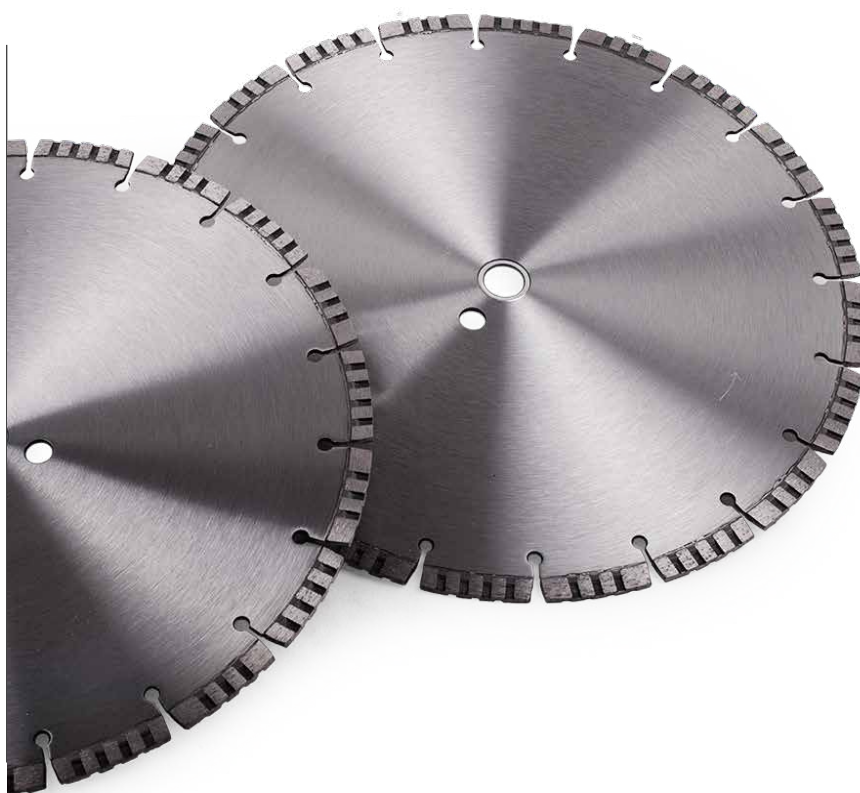


## ID30ETR ECONOMY

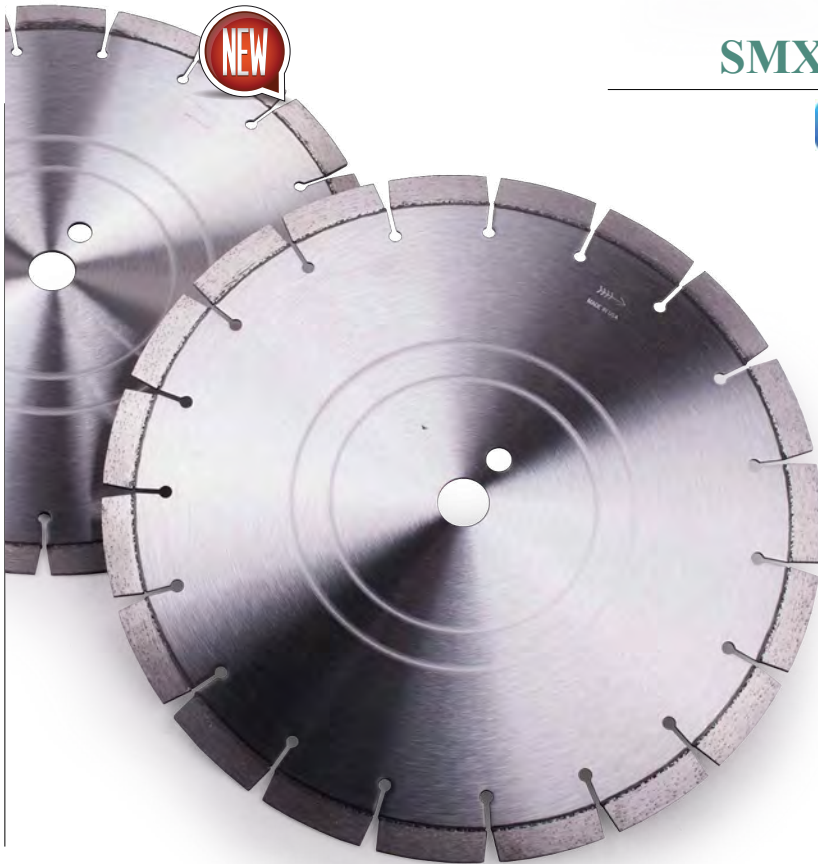


- Application: General Purpose, Masonry
- 10mm (.394") segment height
- Sintered
- Keyhole slot, Turbo segment

12 x .125 x 1-20mm, ph  
 14 x .125 x 1-20mm, ph\*







## SMX30LF STANDARD



- Application: General Purpose, Masonry
- 15mm (.590") segment height
- Available in 12" – 16" with either 1" or 20mm arbors
- **Made in USA**

12" x .125 x 20mm  
 12" x .125 x 1-20mm, ph  
 14" x .125 x 20mm  
 14" x .125 x 1-20mm, ph  
 16" x .125 x 20mm  
 16" x .125 x 1-20mm, ph

## SMX30VT SUPREME



- Application: General Purpose, Cured Concrete, Masonry
- 10mm (.394") segment height
- Keyhole slot

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .095 x UA-7/8-5/8\*  
 7 x .095 x 7/8-5/8  
 7 x .095 x UA-7/8-5/8\*  
 8 x .095 x 7/8-5/8  
 8 x .095 x UA-7/8-5/8\*  
 8 x .095 x 1\*  
 8 x .125 x 1\*  
 9 x .095 x UA-7/8-5/8\*  
 10 x .095 x 7/8-5/8\*  
 10 x .095 x UA-7/8-5/8\*  
 10 x .095 x 1\*  
 10 x .125 x 1\*  
 10 x .187 x 1\*  
 10 x .250 x 1\*



## SMX30VTR SUPREME



- Application: General Purpose, Cured Concrete, Masonry
- 10mm (.394") segment height
- Keyhole slot, Turbo segment

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8  
 5 x .080 x 7/8-5/8  
 7 x .095 x 7/8-5/8  
 7 x .095 x UA-7/8-5/8\*  
 8 x .095 x UA-7/8-5/8  
 8 x .095 x 1  
 8 x .125 x 1  
 9 x .095 x UA-7/8-5/8  
 10 x .095 x UA-7/8-5/8\*  
 10 x .125 x 1  
 10 x .187 x 1



## SMX30ETR(2) STANDARD



- Application: General Purpose, Masonry, Soft Concrete
- 10mm (.394") segment height
- Keyhole slot, Turbo segment

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .095 x UA-7/8-5/8  
 7 x .095 x UA-7/8-5/8\*  
 10 x .095 x UA-7/8-5/8\*







## SMX40PV PREMIUM



- Application: Concrete Block, Lightweight Concrete Block, Sand Stone, Lime Stone
- 12mm (.472") segment height
- Water drop slot

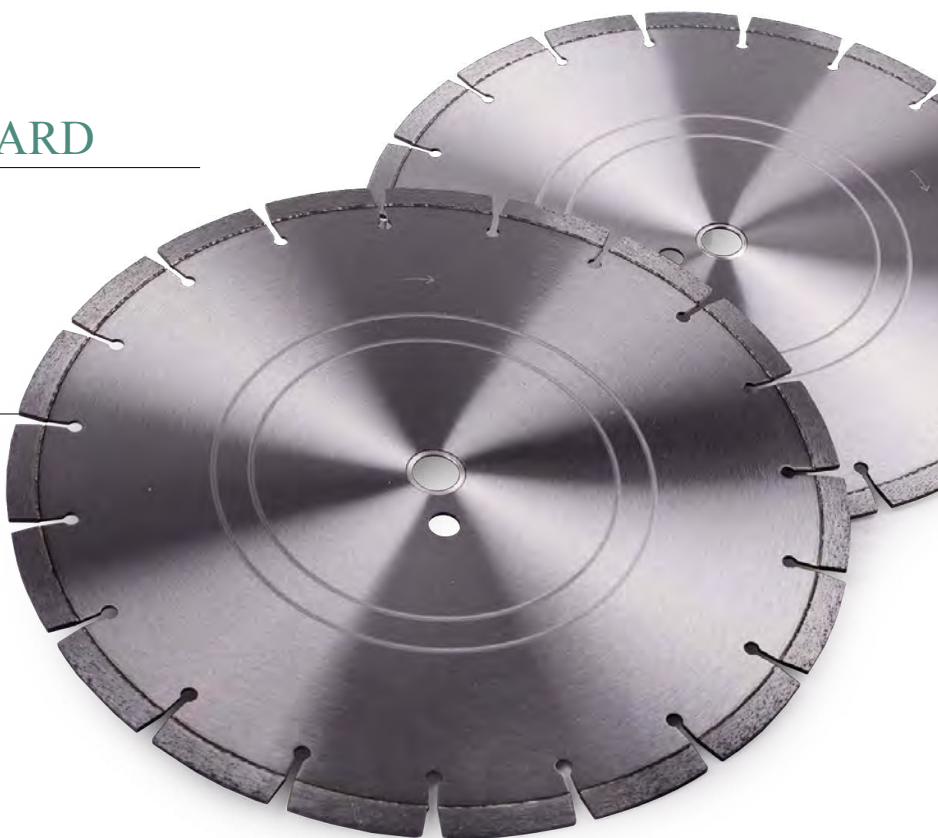
12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 16 x .140 x 1, ph  
 18 x .125 x 1, ph\*  
 18 x .140 x 1, ph  
 20 x .125 x 1, ph\*  
 20 x .140 x 1, ph\*  
 20 x .155 x 1, ph  
 24 x .125 x 1, ph  
 24 x .140 x 1, ph  
 24 x .155 x 1, ph\*

## SMX40EV STANDARD



- Application: Concrete Block, Lightweight Concrete Block
- 12mm (.472") segment height
- Keyhole slot

12 x .125 x 1-20mm, ph  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph\*





## SMX50VT SUPREME



- Application: Asphalt, Green Concrete
- 10mm (.394") segment height
- Wedge segment
- Keyhole slot

4 x .080 X 7/8-5/8  
 4.5 x .080 X 7/8-5/8  
 5 x .080 X 7/8-5/8  
 6 x .095 X UA-7/8-5/8\*  
 7 x .095 X 7/8-5/8  
 7 x .095 X UA-7/8-5/8\*  
 8 x .095 X 7/8-5/8\*  
 8 x .125 X 1  
 9 x .095 X 7/8-5/8\*  
 10 x .125 X 1  
 12 x .125 X 20mm  
 12 x .125 X 1-20mm, ph  
 14 x .125 X 20mm  
 14 x .125 X 1-20mm, ph\*  
 16 x .125 X 20mm  
 16 x .125 X 1-20mm, ph  
 18 x .125 X 1, ph\*



## SMX50M PREMIUM



- Application: Asphalt, Green Concrete
- 8mm (.315") segment height
- U slot

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1, ph\*  
 18 x .140 x 1, ph  
 20 x .125 x 1, ph\*  
 20 x .140 x 1, ph\*





## SMX50H PREMIUM



- Application: Asphalt, Green Concrete
- 7mm (.275") segment height
- U slot

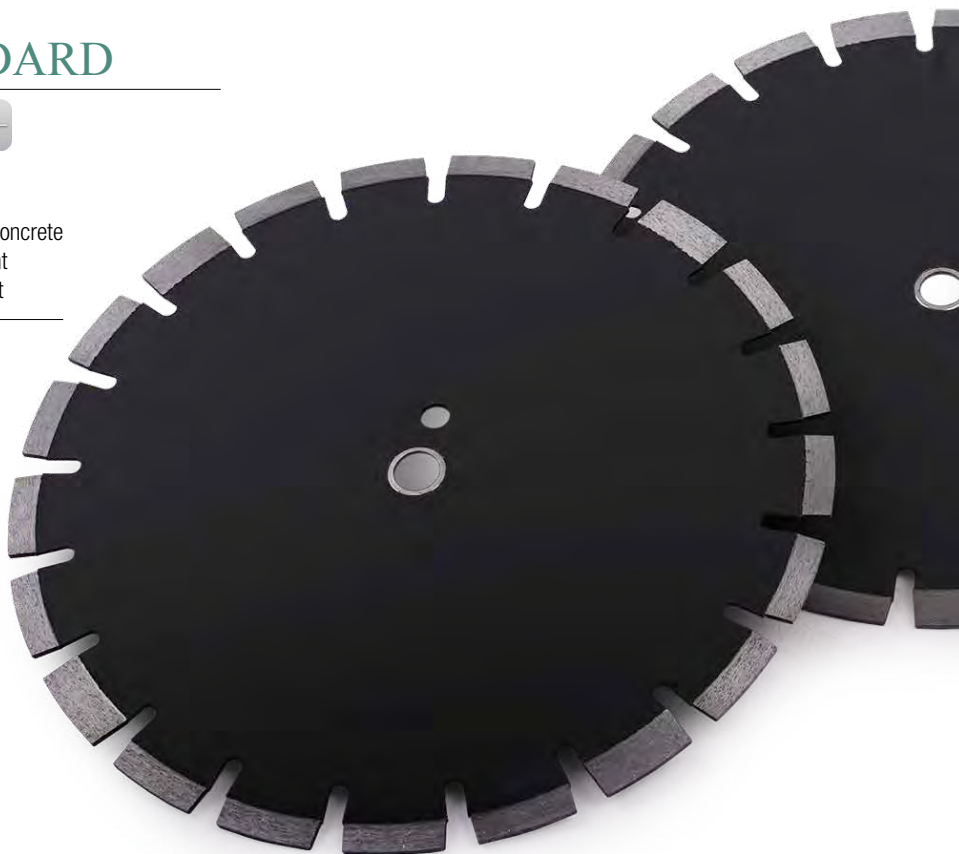
12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1, ph\*

## SMX50EV STANDARD



- Application: Asphalt, Green Concrete
- 12mm (.472") segment height
- 9.4mm U slot, Deep segment

12 x .125 x 1-20mm, ph  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 1-20mm, ph  
 18 x .125 x 1-20mm, ph  
 20 x .145 x 1-20mm, ph



## SMX50ET STANDARD



- Application: Asphalt, Green Concrete
- 10mm (.394") segment height
- U slot, Deep segment

12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 1-20mm, ph



## ID50EV ECONOMY



- Application: Asphalt, Green Concrete
- 12mm (.472") segment height
- Sintered
- U slot, Wedge segment

12 x .125 x 1-20mm, ph  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm, ph\*



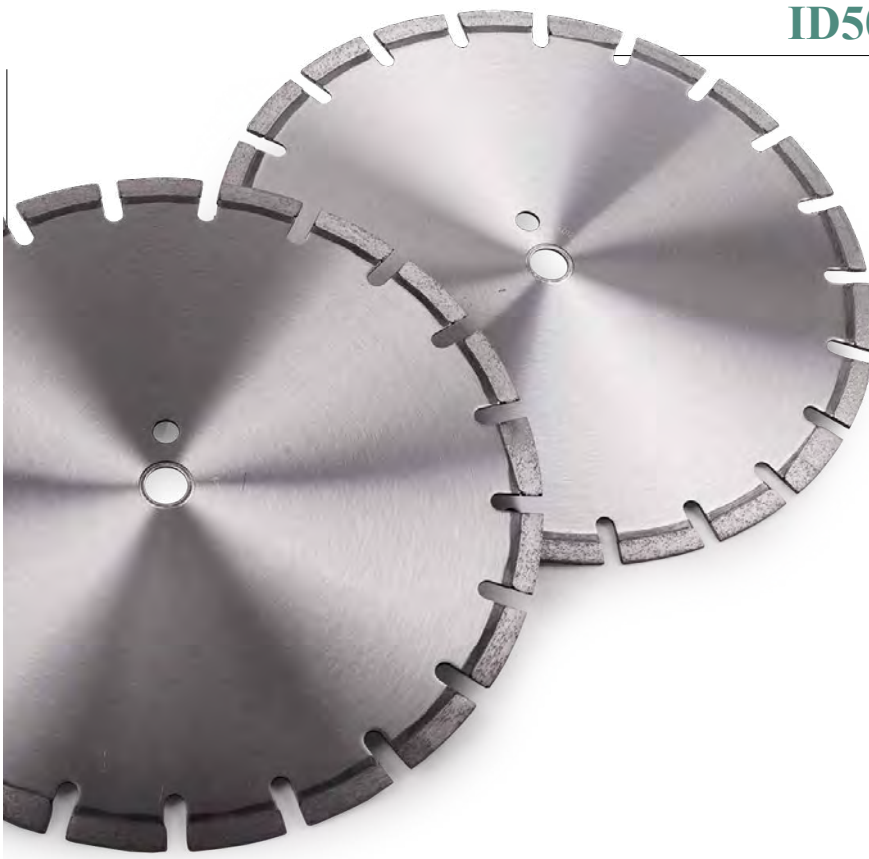


## ID50ET ECONOMY



- Application: Asphalt, Green Concrete
- 10mm (.394") segment height
- Sintered
- U slot, Wedge segment

12 x .125 x 1-20mm, ph  
14 x .125 x 1-20mm, ph



## ZSMAP(2) SUPREME



- Application: General All Purpose, Concrete, Asphalt
- 15mm (.591") segment height
- Slanted keyhole slot, Deep segment

14 x .125 x 1-20mm, ph\*  
16 x .125 x 1-20mm, ph\*  
18 x .125 x 1-20mm, ph\*

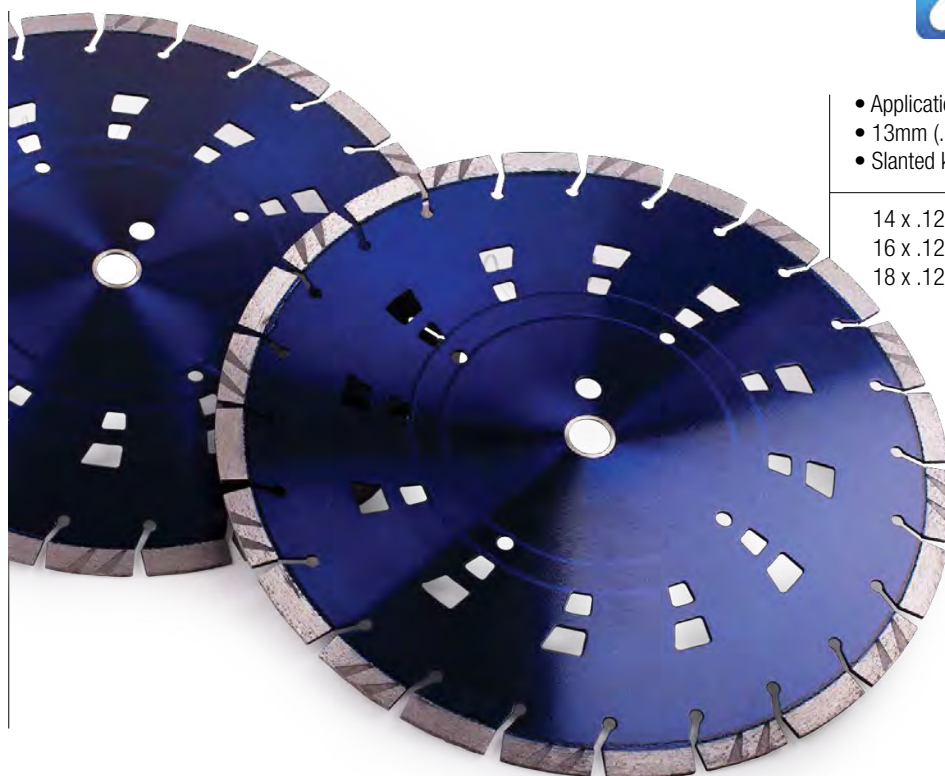


## QSMAP SUPREME



- Application: General All Purpose, Concrete, Asphalt
- 13mm (.512") & 15mm (.591") segment height
- Slanted keyhole slot, Deep segment

14 x .125 x 1-20mm, ph\*  
16 x .125 x 1-20mm, ph  
18 x .125 x 1-20mm, ph





## SMA SUPREME



- Application: General All Purpose, Concrete, Asphalt
- 10mm (.394") segment height
- Wedge segment
- Slanted T slot

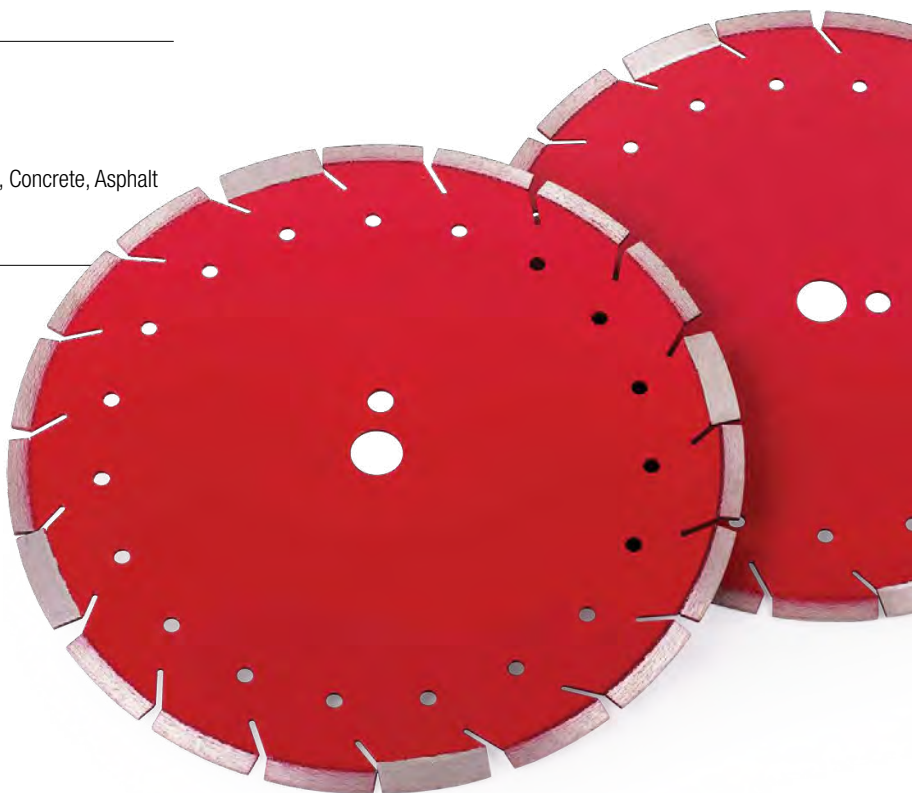
12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1-20mm, ph\*

## SMXAP PREMIUM



- Application: General All Purpose, Concrete, Asphalt
- 10mm (.394") segment height
- Slanted T slot, Deep segment

12 x .125 x 1-20mm, ph  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph  
 18 x .125 x 1-20mm, ph  
 20 x .125 x 1-20mm, ph





## SMXMP PREMIUM



- Application: General All Purpose, Concrete, Asphalt
- 15mm (.591") segment height
- Slanted U slot, Alternating turbo & Wedge segment

12 x .125 x 1-20mm ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*  
 18 x .125 x 1-20mm, ph\*



## SMXME STANDARD



- Application: General All Purpose, Concrete, Asphalt
- 10mm (.394") segment height
- Slanted U slot, Deep segment
- **Made in USA**

12 x .125 1-20mm\*  
 14 x .125 x 1-20mm, ph\*





## ZSRX ZENESIS™



- ZSRX10UT Application: Very Hard Aggregate, Flint, Chert
- ZSRX20UT Application: Medium Hard Aggregate, Chert, Traprock
- ZSRX30UT Application: Medium Aggregate, Traprock, Quartz
- ZSRX50UT Application: Aggregate, Granite, Limestone
- 10mm (.394") segment height
- Skid plate shield included
- Ninja arbor that easily fits Soff-Cut® saw without adaptor
- ZENESIS™ Patterned Diamond Blade

5 x 0.080 x N arbor  
 5.5 x 0.080 x N arbor  
 6 x 0.095 x N arbor\*  
 8 x 0.095 x N arbor  
 10 x 0.095 x N arbor  
 10 x 0.250 x N arbor  
 12 x 0.125 x N arbor  
 12 x 0.250 x N arbor  
 13 3/8 x 0.125 x N arbor\*  
 13 3/8 x 0.250 x N arbor\*  
 14 x 0.125 x N arbor\*  
 14 x 0.250 x N arbor

## SRX SUPREME



- SRX10UT Application: Very Hard Aggregate, Flint, Chert
- SRX20UT Application: Medium Hard Aggregate, Chert, Traprock
- SRX30UT Application: Medium Aggregate, Traprock, Quartz
- SRX50UT Application: Aggregate, Granite, Limestone
- 10mm (.394") segment height
- Skid plate shield included
- Ninja arbor that easily fits Soff-Cut® saw without adaptor

5 x 0.080 x N arbor  
 5.5 x 0.080 x N arbor  
 6 x 0.095 x N arbor\*  
 8 x 0.095 x N arbor\*  
 10 x 0.095 x N arbor\*  
 10 x 0.250 x N arbor  
 12 x 0.125 x N arbor\*  
 12 x 0.250 x N arbor  
 13 3/8 x 0.125 x N arbor\*  
 13 3/8 x 0.250 x N arbor\*  
 14 x 0.125 x N arbor\*  
 14 x 0.250 x N arbor

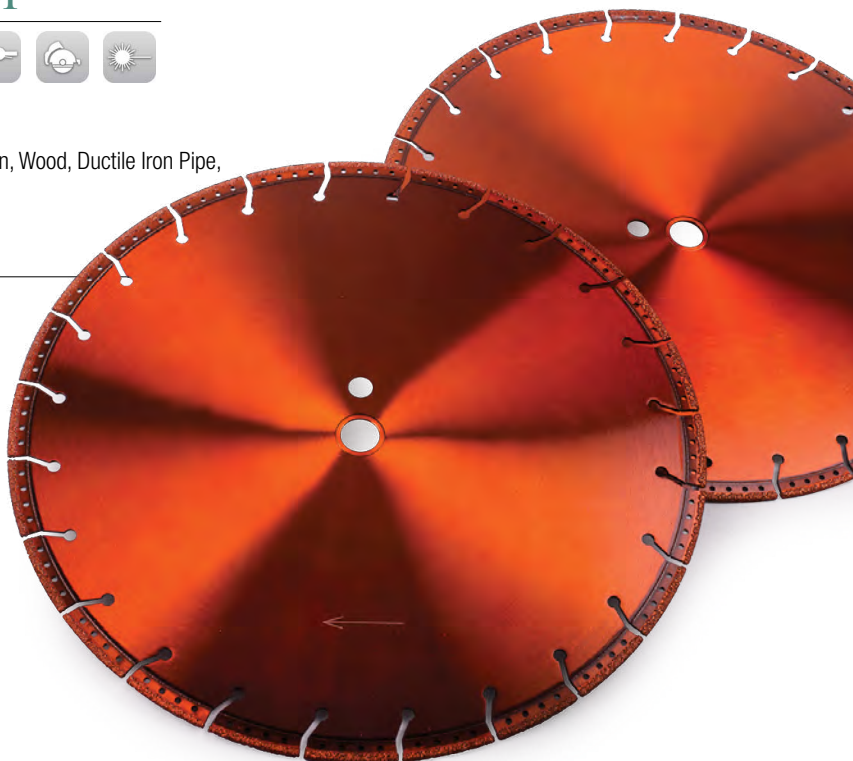


## SB10SR\*\* PREMIUM



- Application: PVC Pipe, Steel, Cast Iron, Wood, Ductile Iron Pipe, Reinforced Concrete
- 5mm (.196") segment height
- Brazed segment, Cooling Hole

4 x .110 x 7/8-5/8  
 4.5 x .110 x 7/8-5/8\*  
 5 x .110 x 7/8-5/8\*  
 6 x .125 x UA-7/8-5/8\*  
 7 x .125 x UA-7/8-5/8\*  
 8 x .125 x UA-7/8-5/8\*  
 9 x .125 x UA-7/8-5/8  
 10 x .125 x UA-7/8-5/8\*  
 12 x .142 x 20mm  
 12 x .142 x 1-20mm, ph\*  
 14 x .142 x 20mm\*  
 14 x .142 x 1-20mm, ph\*  
 16 x .142 x 20mm  
 16 x .142 x 1-20mm, ph\*  
 18 x .145 x 1-20mm, ph  
 20 x .155 x 1-20mm, ph



## SB10SR(B)\*\* STANDARD



- Application: PVC Pipe, Steel, Cast Iron, Wood, Ductile Iron Pipe, Reinforced Concrete
- 5mm (.196") segment height
- Brazed segment, Cooling Hole

4 x .110 x 7/8-5/8\*  
 4.5 x .110 x 7/8-5/8\*  
 5 x .110 x 7/8-5/8\*  
 6 x .125 x UA-7/8-5/8\*  
 7 x .125 x UA-7/8-5/8\*  
 8 x .125 x UA-7/8-5/8\*  
 9 x .125 x UA-7/8-5/8  
 10 x .125 x UA-7/8-5/8\*  
 12 x .142 x 20mm\*  
 12 x .142 x 1-20mm, ph\*  
 14 x .142 x 20mm\*  
 14 x .142 x 1-20mm, ph\*  
 16 x .142 x 20mm  
 16 x .142 x 1-20mm, ph\*  
 18 x .145 x 1-20mm, ph  
 20 x .155 x 1-20mm, ph



\*\* While this blade can cut steel, it was not designed for heavy steel cutting application. For demanding metal-working applications, please inquire with our sales staff for metal application blades.  
 \*\* PLEASE NOTE: CERTAIN MANUFACTURERS OF POWERED SAWS, INCLUDING STIHL® AND HUSQVARNA®, PROHIBIT USE OF ABRASION SIDE COATED BLADES ON THEIR SAWS.



**SB10SR(G)\*\* PREMIUM**

- Application: PVC Pipe, Steel, Cast Iron, Wood, Ductile Iron Pipe, Reinforced Concrete
- 5mm (.196") segment height
- Brazed segment, Cooling Hole
- **Also Available In Black - SB10SR(GB)**

4 x .110 x 7/8-5/8  
 4.5 x .110 x 7/8-5/8  
 5 x .080 x 7/8-5/8  
 6 x .125 x UA-7/8-5/8  
 7 x .125 x UA-7/8-5/8  
 8 x .125 x UA-7/8-5/8  
 9 x .125 x UA-7/8-5/8  
 10 x .125 x UA-7/8-5/8  
 12 x .142 x 20mm\*  
 12 x .142 x 1-20mm, ph\*  
 14 x .142 x 20mm\*  
 14 x .142 x 1-20mm, ph\*  
 16 x .142 x 20mm  
 16 x .142 x 1-20mm, ph\*  
 18 x .145 x 1-20mm, ph  
 20 x .155 x 1-20mm, ph

▼ *ductile iron***SZ10UR\*\* PREMIUM**

- Application: Ductile Iron, Concrete Water Mains
- 4mm (.157") segment height
- Wedge segment
- Slanted T slot

12 x .110 x 20mm  
 12 x .110 x 1-20mm, ph  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm, ph\*  
 14 x .110 x 20mm\*  
 14 x .110 x 1-20mm, ph\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm, ph\*  
 16 x .125 x 20mm  
 16 x .125 x 1-20mm, ph\*

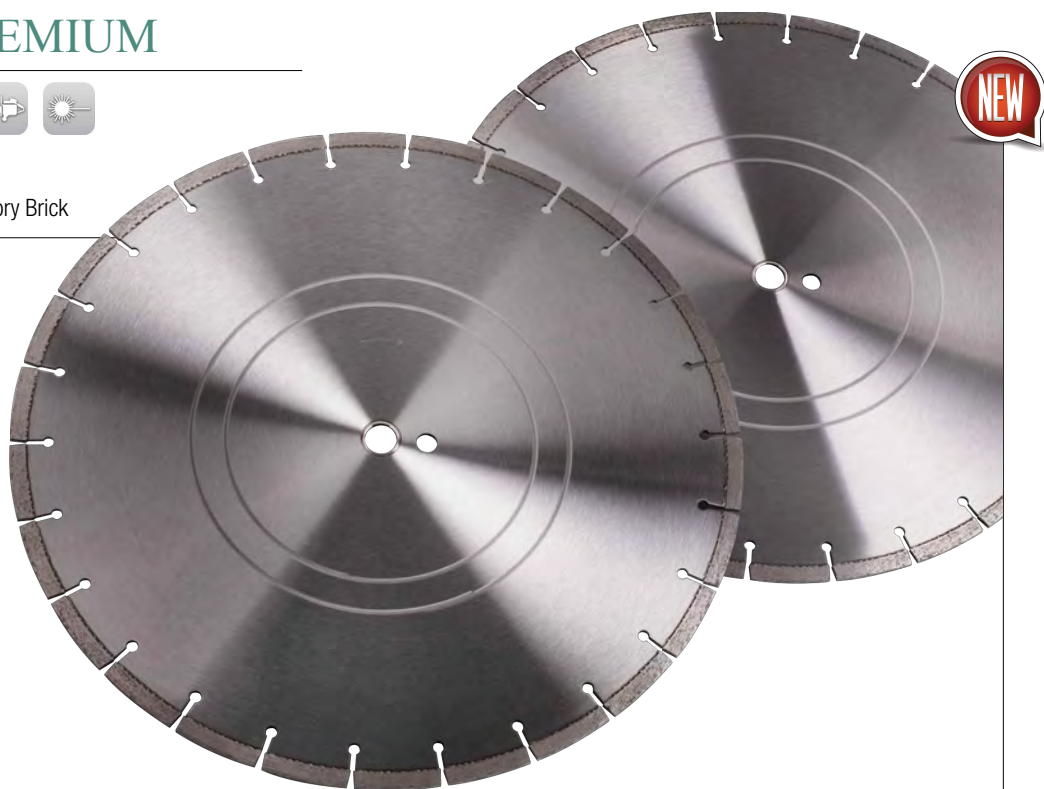


## SMF20UT PREMIUM



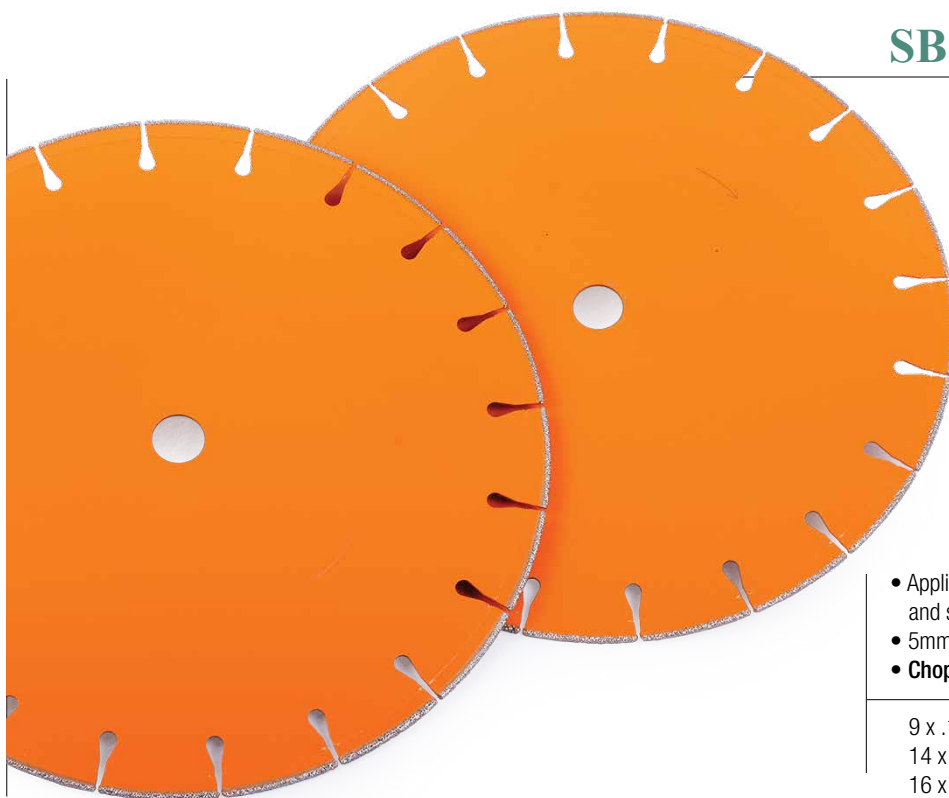
• Application: Refractory Brick

12 x .110  
14 x .125  
18 x .125  
20 x .125\*



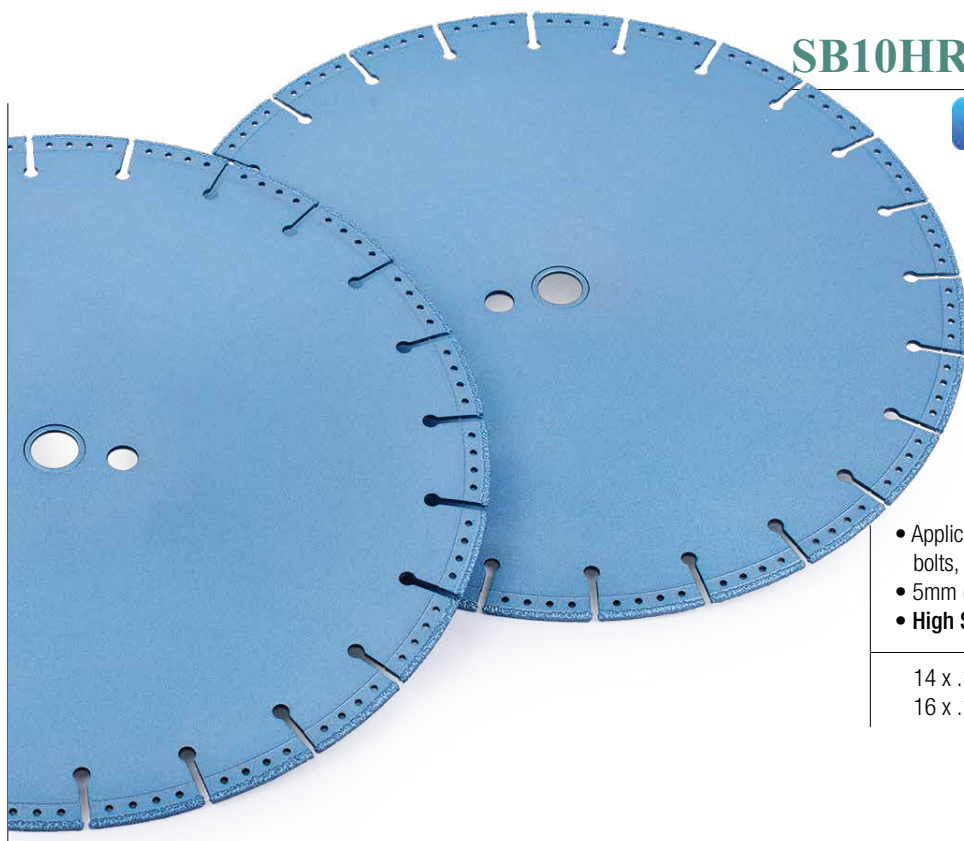
## ▼ *chop saw blade*

## SB10UR PREMIUM



- Application: metal studs, rebar, angle and structural steel and non-ferrous materials
- 5mm (.196") segment height
- **Chop Saw Only**

9 x .145 x 7/8-5/8\*  
14 x .133 x 1-20mm, ph\*  
16 x .133



## SB10HR PREMIUM



- Application: steel, stainless steel, rebar, studs, bolts, pipe and sectional tubing
- 5mm (.196") segment height
- **High Speed Gas Saw Only**

14 x .146 x 1-20mm, ph\*  
16 x .150

## DXA2920P DIAMOND<sup>®</sup>



- Application: Weld removal, pipe beveling and stock removal of all ferrous and non-ferrous metals, All Natural Stone, Masonry
- Removable hub for 7/8" arbor
- Unique shape with flared edges
- Great for fiberglass removal on the back of slabs

4 x 5/8\*  
4.5 x 5/8-11\*  
5 x 5/8-11\*  
6 x 5/8-11\*  
7 x 5/8-11\*  
9 x 5/8-11





## DXA2930P DIAMOND<sup>®</sup>



- Application: Weld removal, pipe beveling and stock removal of all ferrous and non-ferrous metals, All Natural Stone, Masonry
- Removable hub for 7/8" arbor
- Unique shape with flared edges
- Great for fiberglass removal on the back of slabs

4 x 5/8  
4.5 x 5/8-11\*  
5 x 5/8-11  
6 x 5/8-11  
7 x 5/8-11  
9 x 5/8-11



## DXA2730P DIAMOND<sup>®</sup>



- Application: All pipeline applications
- Removable hub for 7/8" arbor

4 x 0.156 x 5/8  
4.5 x 0.156 x 5/8-11  
5 x 0.156 x 5/8-11  
6 x 0.156 x 5/8-11  
7 x 0.156 x 5/8-11  
9 x 0.156 x 5/8-11



▼ type 27 cutting & grinding foundry disc

**DXA2725P DIAMOND<sup>®</sup>**



- Application: All ferrous and non-ferrous materials
- Removable hub for 7/8" arbor

7 x .140 x 5/8-11  
9 x .140 x 5/8-11



▼ type 1 reversible hard face grinding wheel

**DXA0125P DIAMOND<sup>®</sup>**



- Application: Weld removal finer finish for a wide variety of materials
- Removable hub for 7/8" arbor

4 x .250 x 5/8  
4.5 x .250 x 5/8-11\*  
5 x .250 x 5/8-11  
6 x .250 x 5/8-11  
7 x .250 x 5/8-11  
9 x .250 x 5/8-11\*





## DXB0125P DIAMOND<sup>®</sup>



- Application: Foundry-gate/rise removal, forgings, metal pipe, sectional tubing, metal plate

4 x .137 x 5/8\*  
4.5 x .137 x 7/8\*  
5 x .137 x 7/8\*  
6 x .137 x 7/8  
7 x .137 x 7/8\*  
9 x .137 x 7/8



## DXE0120P DIAMOND<sup>®</sup>



- Application: Foundry-gate/rise removal, forgings, metal pipe, sectional tubing, metal plates
- Arbor can be opened to 1.5" upon request

16 x .155 x 1-20mm\*  
18 x .155 x 1  
20 x .170 x 1\*  
24 x .185 x 1  
26 x .185 x 1  
28 x .200 x 1  
30 x .200 x 1





▼ *DIAMOND<sup>®</sup> cutter small diameter*DXE0130P DIAMOND<sup>®</sup>

- Application: Steel, Stainless Steel, Bolts, Non-Ferrous Materials, Plastics, Wood, Concrete, Tile
- 2" - 3" Water drop segment
- 4" - 9" Keyhole segment

2 x .050 x 3/8\*  
 3 x .050 x 3/8\*  
 4 x .050 x 5/8\*  
 4.5 x .050 x 7/8\*  
 5 x .050 x 7/8\*  
 6 x .050 x 7/8\*  
 7 x .060 x U/A-7/8\*  
 9 x .060 x 7/8\*

3" Cutter

2" Cutter

▼ *DIAMOND<sup>®</sup> chopper for chop saw*DXC0120P DIAMOND<sup>®</sup>

- Application: Steel, Stainless Steel, Rebar, Studs, Bolts, Pipe, Sectional Tubing & More
- Chop Saw Only

14 x .134 x 1-20mm\*  
 16 x .150



## DXH0120P DIAMOND<sup>®</sup>



- Application: Steel, Stainless Steel, Rebar, Studs, Bolts, Pipe, Sectional Tubing & More
- High Speed Gas Saw Only

14 x .150 x 1-20mm  
16 x .150



## ZSM30U10N(RING) ZENESIS™



- Application: Cured Concrete, Masonry, Roofing Tile
- 10mm (.394") segment height
- ZENESIS™ Patterned Diamond Blade

14 x .165\*  
14 x .235

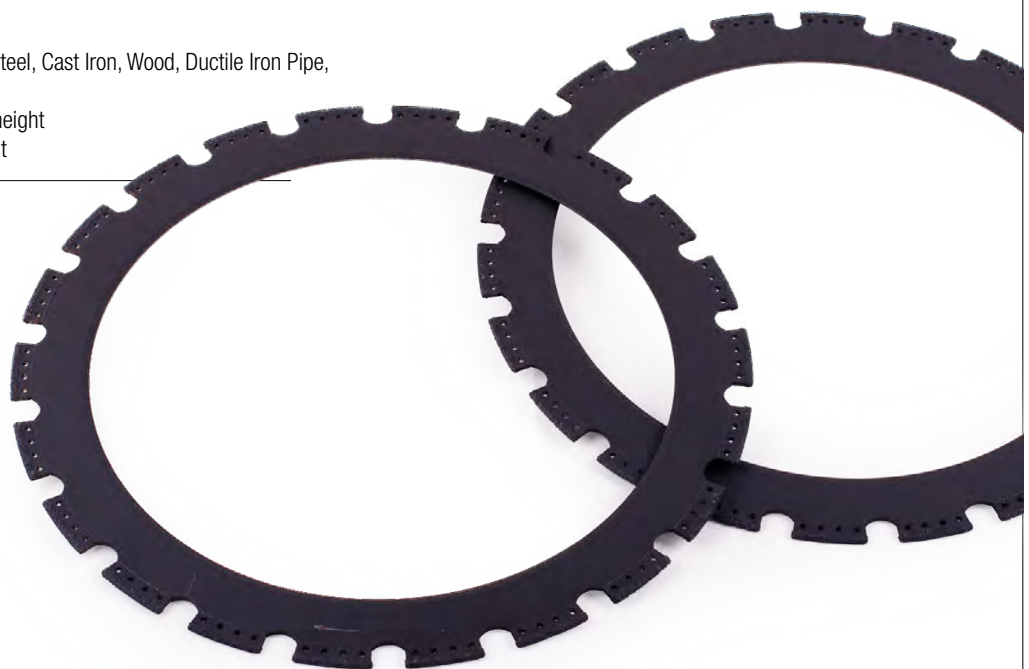


## SB10SR(RING) PREMIUM



- Application: PVC Pipe, Steel, Cast Iron, Wood, Ductile Iron Pipe, Reinforced Concrete
- 5mm (.196") segment height
- Vacuum brazed segment

14 x .165\*





## SM30N(RING) PREMIUM



- Application: Cured Concrete, Masonry, Roofing Tile
- 8mm (.315") segment height

14 x .165\*  
14 x .220\*



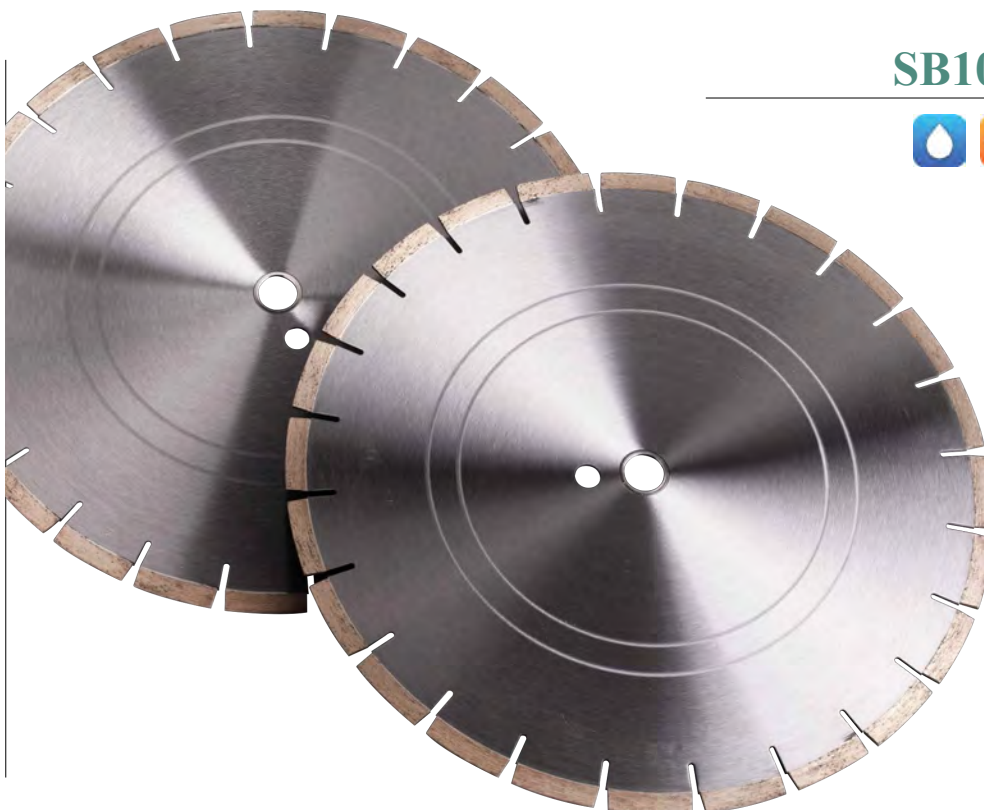
## ▼ *saw blade for core cutting*

## SB10UT PREMIUM



- 10mm (.394") segment height
- Narrow U slot

14 x .095 x 1-20mm, ph\*  
20 x .125 x 1-20mm, ph



▼ *saw blade for core cutting*



## SB20U PREMIUM



- 7mm (.275") & 10mm (.394") segment height
- Narrow U slot

14 x .125 x 1-20mm, ph  
20 x .125 x 1-20mm, ph

▼ *PCD blade*

## PCD CUTTER PREMIUM



- Application: Removing caulking or joint sealant compound from concrete and masonry joints

4.5 x 7/8-5/8, PCD SEG, 4 EA  
6 x 7/8-5/8, PCD SEG, 6 EA  
7 x U/A, PCD SEG, 7 EA  
12 x 1"-20mm, PCD SEG 12EA  
14 x 1"-20mm, PCD SEG, 14EA



## WSCM PREMIUM



- Application: Concrete, Cured Concrete, Reinforced Concrete
- 10.5mm OD (40 Beads per meter)
- Urethane or Rubber

40S, 10.5mm, BLACK RUBBER, END\*



## WSCM(O) ECONOMY



- Application: Concrete
- 10.5mm OD (40 Beads per meter)
- Rubber
- Sintered beads

40S, 10.5mm, BLACK RUBBER, END\*





## RT10V SUPREME



- Application: Granite, Marble, Hard Brick, Hard Paver
- 9mm (.354") segment height

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 20mm-5/8  
 5 x .080 x 7/8-5/8\*  
 6 x .090 x 7/8-5/8\*  
 6 x .090 x UA-7/8-5/8\*  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8\*  
 9 x .090 x 7/8-5/8\*  
 10 x .095 x DM  
 10 x .090 x UA-7/8-5/8\*  
 12 x .125 x 20mm\*  
 12 x .125 x 1-20mm\*  
 14 x .125 x 20mm\*  
 14 x .125 x 1-20mm\*

## RS10VT SUPREME



- Application: Granite, Marble, Hard Brick, Hard Paver
- 10mm (.394") segment height
- 4 Hole Flush Cut for 4" through 7"

4 x .080 x 20mm-5/8, w/ 4 hole flush cut  
 4 x .080 x 7/8-5/8, w/ 4 hole flush cut  
 4.5 x .080 x 20mm-5/8, w/ 4 hole flush cut  
 4.5 x .080 x 7/8-5/8, w/ 4 hole flush cut\*  
 5 x .080 x 20mm-5/8, w/ 4 hole flush cut  
 5 x .080 x 7/8-5/8, w/ 4 hole flush cut\*  
 6 x .090 x 7/8-5/8, w/ 4 hole flush cut  
 6 x .090 x UA-7/8-5/8, w/ 4 hole flush cut  
 7 x .090 x UA-7/8-5/8, w/ 4 hole flush cut\*  
 8 x .090 x UA-7/8-5/8  
 9 x .090 x 7/8-5/8  
 10 x .095 x 5/8  
 10 x .090 x UA-7/8-5/8  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm

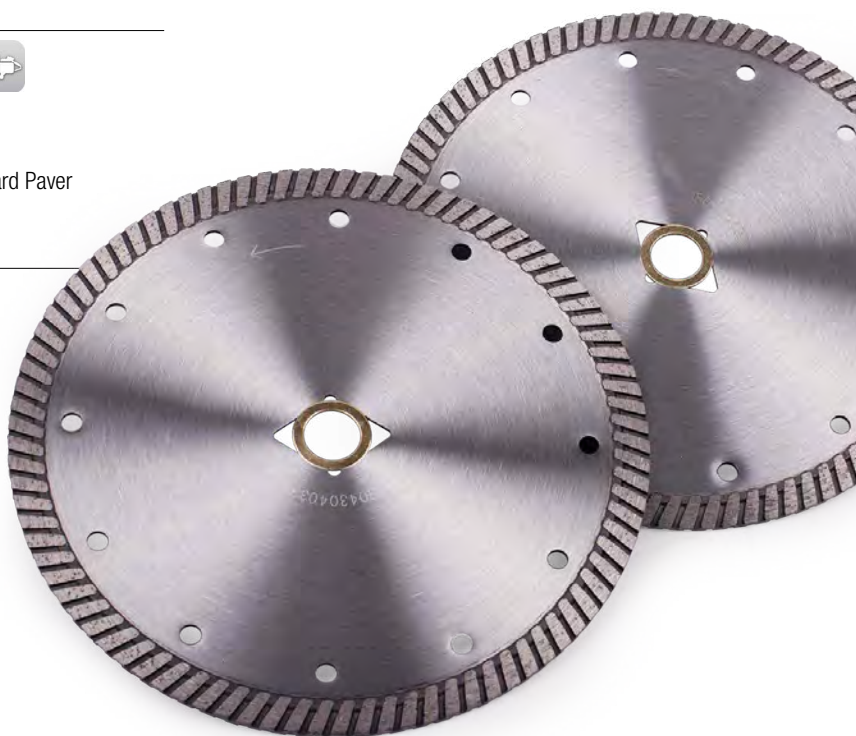


## RB10UT SUPREME



- Application: Granite, Marble, Hard Brick, Hard Paver
- 10mm (.394") segment height
- With cooling holes

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8  
 5 x .080 x 7/8-5/8  
 6 x .080 x UA-7/8-5/8  
 7 x .090 x UA-7/8-5/8  
 8 x .090 x UA-7/8-5/8  
 10 x .090 x UA-7/8-5/8  
 14 x .125 x 1-20mm

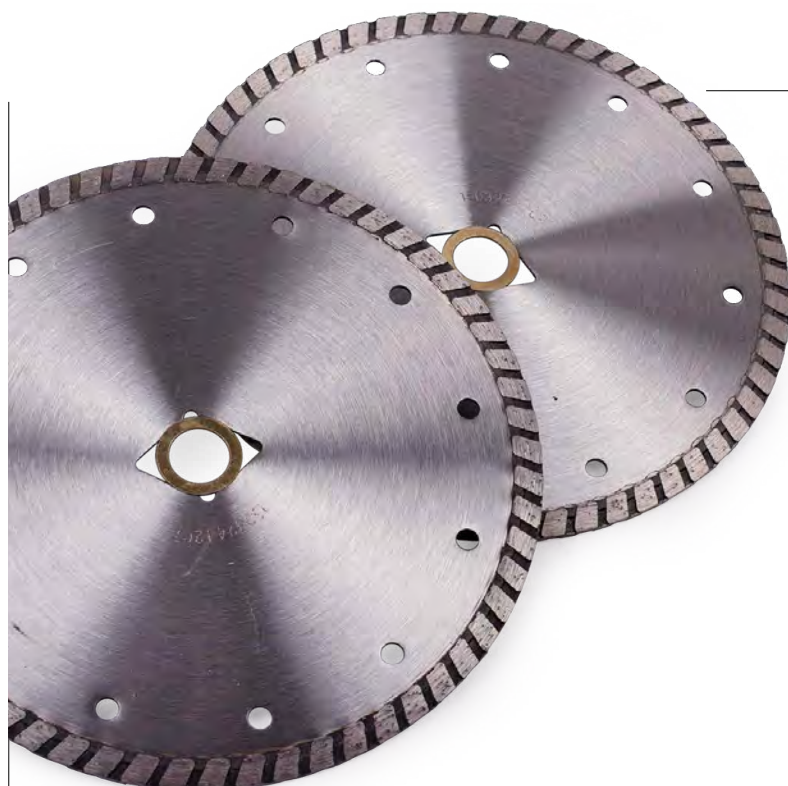


## RB10H ECONOMY



- Application: Granite, Marble, Hard Brick, Hard Paver
- 7mm (.276") segment height
- With cooling holes

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8  
 6 x .080 x UA-7/8-5/8  
 7 x .090 x UA-7/8-5/8\*  
 12 x .125 x 1-20mm  
 14 x .125 x 1-20mm





**RT30V SUPREME**

- Application: Hard Material, Concrete Block, Hard Paver Brick
- 9mm (.354") segment height

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .090 x 7/8-5/8\*  
 6 x .090 x UA-7/8-5/8\*  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8\*  
 9 x .090 x 7/8-5/8  
 10 x .090 x UA-7/8-5/8\*  
 12 x .125 x 1-20mm\*  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm\*

**RB30UT SUPREME**

- Application: Concrete, Roofing Tile, Stone
- 10mm (.394") segment height
- With cooling holes

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 20mm-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 20-5/8  
 5 x .080 x 7/8-5/8\*  
 6 x .080 x UA-7/8-5/8  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8  
 10 x .090 x UA-7/8-5/8\*  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm





## RB30NT STANDARD



- Application: Concrete, Roofing Tile, Stone
- 10mm (.394") segment height
- Narrow with cooling holes

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8  
 4.5 x .080 x 20mm-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 20-5/8  
 5 x .080 x 7/8-5/8\*  
 6 x .080 x UA-7/8-5/8\*  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8  
 10 x .090 x UA-7/8-5/8\*  
 12 x .125 x 20mm  
 12 x .125 x 1-20mm  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm\*



## RB30ET ECONOMY PLUS



- Application: General Purpose
- 10mm (.394") segment height
- With cooling holes

4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .080 x UA-7/8-5/8  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8  
 10 x .090 x UA-7/8-5/8\*





## RB30E ECONOMY



- Application: General Purpose
- 7mm (.276") segment height
- With cooling holes

4 x .080 x 20mm-5/8  
 4 x .080 x 7/8-5/8\*  
 4.5 x .080 x 20mm-5/8  
 4.5 x .080 x 7/8-5/8\*  
 5 x .080 x 7/8-5/8\*  
 6 x .080 x 7/8-5/8\*  
 7 x .090 x UA-7/8-5/8\*  
 8 x .090 x UA-7/8-5/8\*  
 10 x .090 x UA-7/8-5/8

## RT50V SUPREME



- Application: Asphalt, Green Concrete
- 9mm (.354") segment height

4 x .080 x 7/8-5/8  
 4.5 x .080 x 7/8-5/8  
 5 x .080 x 7/8-5/8  
 6 x .090 x 7/8-5/8  
 7 x .090 x UA-7/8-5/8  
 8 x .090 x UA-7/8-5/8  
 10 x .090 x 5/8\*  
 10 x .090 x UA-7/8-5/8  
 12 x .125 x 1-20mm  
 14 x .125 x 20mm  
 14 x .125 x 1-20mm





A close-up, high-contrast photograph of a drill bit, likely a double-flute design, positioned diagonally across the frame. The drill bit is set against a dark, textured background, possibly a concrete surface. The entire image is overlaid with a semi-transparent red filter, which emphasizes the metallic texture of the drill bit and the grain of the surface it's drilling into. The lighting is dramatic, coming from the side to highlight the ridges of the flutes.

# CORE BITS & DRILLS





## ZOE10VV ZENESIS™ V SERIES



- Application: Hard Concrete, Brick, Reinforced Concrete, Concrete Block
- 10mm (.394") segment height optimized with high grade diamond and concentration to core through hard applications and heavily reinforced concrete.
- Exclusive "pattern" technology for maximum performance
- Fast drilling of cured concrete with heavy rebar
- V-notched segment design helps increase speed and initial hole coring
- Made in the USA to withstand the toughest drilling applications
- Laser welded patterned diamond array for consistent speed and life in rugged applications
- 14" barrel length

2 x .155 x 1 1/4-7*	6 x .155 x 1 1/4-7*
3 x .155 x 1 1/4-7*	8 x .165 x 1 1/4-7*
4 x .155 x 1 1/4-7*	10 x .187 x 1 1/4-7
5 x .155 x 1 1/4-7*	12 x .187 x 1 1/4-7

## ZOE10UT ZENESIS™



- Application: Hard Concrete, Granite, Brick, Reinforced Concrete, Concrete Block
- 10mm (.394") segment height
- ZENESIS™ Patterned Diamond Core Bits
- 14" long barrel

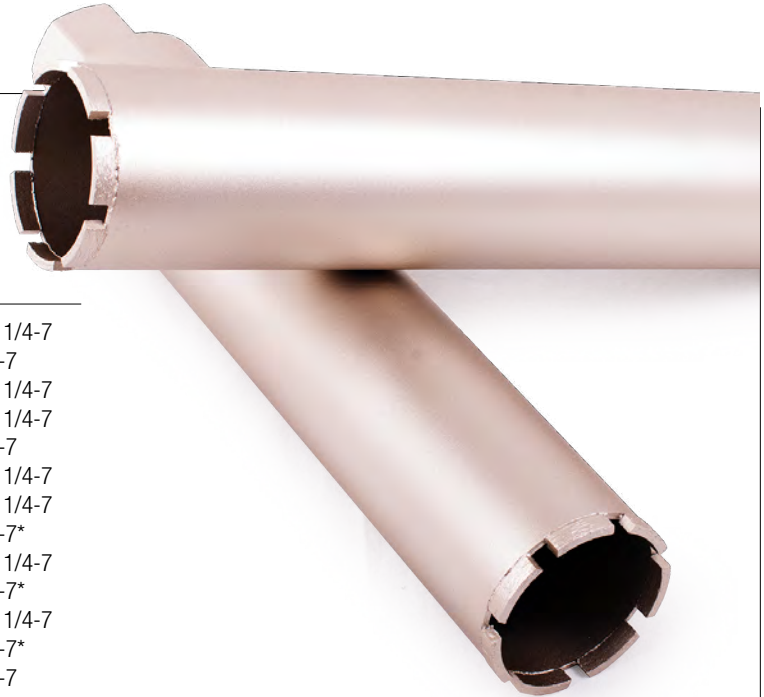
1 1/2 x .125 x 5/8-11	5 1/2 x .155 x 1 1/4-7
2 x .155 x 1 1/4-7*	6 x .155 x 1 1/4-7
2 1/2 x .155 x 1 1/4-7	6 1/2 x .155 x 1 1/4-7
3 x .155 x 1 1/4-7*	7 x .165 x 1 1/4-7
3 1/2 x .155 x 1 1/4-7	8 x .165 x 1 1/4-7
4 x .155 x 1 1/4-7*	9 x .187 x 1 1/4-7
4 1/4 x .155 x 1 1/4-7	10 x .187 x 1 1/4-7
4 1/2 x .155 x 1 1/4-7	12 x .187 x 1 1/4-7
5 x .155 x 1 1/4-7	14 x .187 x 1 1/4-7



**OE10P PREMIUM**

- Application: Hard Concrete, Granite, Brick, Reinforced Concrete, Concrete Block
- 8mm (.315") segment height
- 14" long barrel

5/8 x .125 x 5/8-11	2 3/4 x .155 x 1 1/4-7
3/4 x .125 x 1 1/4-7	3 x .155 x 1 1/4-7
3/4 x .125 x 5/8-11	3 1/4 x .155 x 1 1/4-7
7/8 x .125 x 1 1/4-7	3 1/2 x .155 x 1 1/4-7
1 x .125 x 1 1/4-7	4 x .155 x 1 1/4-7
1 x .125 x 5/8-11	4 1/4 x .155 x 1 1/4-7
1 1/8 x .125 x 1 1/4-7	4 1/2 x .155 x 1 1/4-7
1 1/8 x .125 x 5/8-11	5 x .155 x 1 1/4-7*
1 1/4 x .125 x 1 1/4-7	5 1/2 x .155 x 1 1/4-7
1 1/4 x .125 x 5/8-11	6 x .155 x 1 1/4-7*
1 5/16 x .125 x 1 1/4-7	6 1/4 x .155 x 1 1/4-7
1 5/16 x .125 x 5/8-11	7 x .165 x 1 1/4-7*
1 1/2 x .125 x 1 1/4-7	8 x .165 x 1 1/4-7
1 1/2 x .125 x 5/8-11	9 x .185 x 1 1/4-7
1 3/4 x .125 x 1 1/4-7	10 x .185 x 1 1/4-7
1 3/4 x .125 x 5/8-11	12 x .185 x 1 1/4-7
2 x .155 x 1 1/4-7	14 x .185 x 1 1/4-7
2 1/4 x .155 x 1 1/4-7	
2 1/2 x .155 x 1 1/4-7	

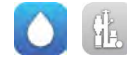
▼ *zz turbo wet core bits for hard concrete***OEZ10PR PREMIUM**

- Application: Hard Concrete, Granite, Brick, Reinforced Concrete, Concrete Block
- 8mm (.315") segment height
- ZZ Turbo segment
- 14" long barrel

1 x .125 x 5/8-11	4 1/2 x .155 x 1 1/4-7
1 1/8 x .125 x 5/8-11	5 x .155 x 1 1/4-7
1 1/4 x .125 x 1 1/4-7	5 1/2 x .155 x 1 1/4-7
1 1/4 x .125 x 5/8-11	6 x .155 x 1 1/4-7
1 1/2 x .125 x 5/8-11	6 1/4 x .155 x 1 1/4-7
2 x .155 x 1 1/4-7	6 1/2 x .155 x 1 1/4-7
2 1/2 x .155 x 1 1/4-7	7 x .165 x 1 1/4-7
2 3/4 x .155 x 1 1/4-7	8 x .165 x 1 1/4-7
3 x .155 x 1 1/4-7	9 x .185 x 1 1/4-7
3 1/2 x .155 x 1 1/4-7	10 x .185 x 1 1/4-7
4 x .155 x 1 1/4-7	12 x .185 x 1 1/4-7
4 1/4 x .155 x 1 1/4-7	14 x .185 x 1 1/4-7



## OE30P PREMIUM



- Application: Hard Concrete, Cured Concrete, Reinforced Concrete, Concrete Block, Brick
- 8mm (.315") segment height
- 14" long barrel

5/8 x .125 x 5/8-11	2 3/4 x .155 x 1 1/4-7*
3/4 x .125 x 1 1/4-7	3 x .155 x 1 1/4-7*
3/4 x .125 x 5/8-11*	3 1/4 x .155 x 1 1/4-7*
7/8 x .125 x 1 1/4-7*	3 1/2 x .155 x 1 1/4-7*
1 x .125 x 1 1/4-7*	4 x .155 x 1 1/4-7*
1 x .125 x 5/8-11*	4 1/4 x .155 x 1 1/4-7*
1 1/8 x .125 x 1 1/4-7	4 1/2 x .155 x 1 1/4-7*
1 1/8 x .125 x 5/8-11*	5 x .155 x 1 1/4-7*
1 1/4 x .125 x 1 1/4-7	5 1/2 x .155 x 1 1/4-7*
1 1/4 x .125 x 5/8-11*	6 x .155 x 1 1/4-7*
1 5/16 x .125 x 1 1/4-7	6 1/4 x .155 x 1 1/4-7*
1 5/16 x .125 x 5/8-11	7 x .165 x 1 1/4-7*
1 1/2 x .125 x 1 1/4-7*	8 x .165 x 1 1/4-7*
1 1/2 x .125 x 5/8-11*	9 x .185 x 1 1/4-7*
1 3/4 x .125 x 1 1/4-7*	10 x .185 x 1 1/4-7*
1 3/4 x .125 x 5/8-11*	12 x .185 x 1 1/4-7*
2 x .155 x 1 1/4-7*	14 x .185 x 1 1/4-7*
2 1/4 x .155 x 1 1/4-7*	
2 1/2 x .155 x 1 1/4-7*	

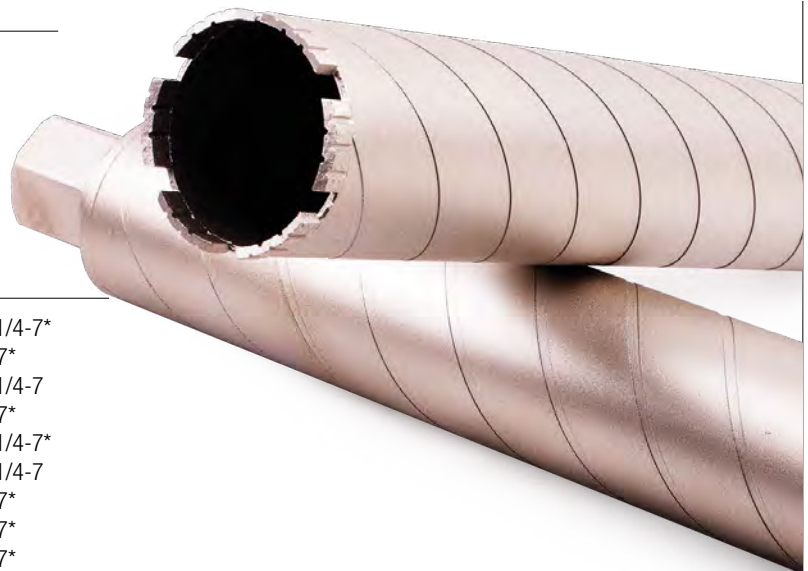
## ▼ zz turbo wet core bits for concrete

## OEZ30PR PREMIUM



- Application: Hard Concrete, Cured Concrete, Reinforced Concrete, Concrete Block, Brick
- 8mm (.315") segment height
- ZZ Turbo segment
- 14" long barrel

1 x .125 x 1 1/4-7*	4 1/2 x .155 x 1 1/4-7*
1 x .125 x 5/8-11*	5 x .155 x 1 1/4-7*
1 1/4 x .125 x 5/8-11*	5 1/2 x .155 x 1 1/4-7
1 1/2 x .125 x 5/8-11*	6 x .155 x 1 1/4-7*
1 3/4 x .125 x 1 1/4-7*	6 1/4 x .155 x 1 1/4-7*
2 x .155 x 1 1/4-7*	6 1/2 x .155 x 1 1/4-7
2 1/4 x .155 x 1 1/4-7	7 x .165 x 1 1/4-7*
2 1/2 x .155 x 1 1/4-7*	8 x .165 x 1 1/4-7*
3 x .155 x 1 1/4-7*	9 x .185 x 1 1/4-7*
3 1/4 x .155 x 1 1/4-7	10 x .185 x 1 1/4-7*
3 1/2 x .155 x 1 1/4-7*	11 x .185 x 1 1/4-7
4 x .155 x 1 1/4-7*	12 x .185 x 1 1/4-7*
4 1/4 x .155 x 1 1/4-7*	14 x .185 x 1 1/4-7





## OEC30P PREMIUM



- Application: Masonry, Brick, Concrete Block
- 8mm (.315") segment height
- 14" long barrel

1/2 x .120 x 5/8 -11  
 5/8 x .120 x 5/8-11\*  
 3/4 x .120 x 5/8-11\*  
 7/8 x .120 x 5/8-11\*  
 1 x .120 x 5/8-11\*  
 1 1/8 x .120 x 5/8-11\*  
 1 1/4 x .120 x 5/8-11\*  
 1 3/8 x .120 x 5/8-11\*  
 1 1/2 x .120 x 5/8-11\*  
 1 5/8 x .120 x 5/8-11  
 1 3/4 x .120 x 5/8-11  
 2 x .120 x 5/8-11  
 2 1/4 x .120 x 5/8-11  
 2 1/2 x .120 x 5/8-11



## OEZP30PR PREMIUM



- Application: Pre-stressed Concrete, Concrete with loose rebar
- 8mm (.315") segment height
- ZZ Turbo segment
- 14" long barrel

1 x .145 x 5/8-11  
 1 1/2 x .165 x 5/8-11\*  
 2 x .165 x 1 1/4-7\*  
 2 1/2 x .165 x 1 1/4-7\*  
 3 x .165 x 1 1/4-7\*  
 3 1/2 x .165 x 1 1/4-7\*  
 4 x .165 x 1 1/4-7\*  
 4 1/2 x .165 x 1 1/4-7  
 5 x .165 x 1 1/4-7\*  
 6 x .165 x 1 1/4-7\*  
 8 x .165 x 1 1/4-7  
 10 x .187 x 1 1/4-7



**OA30P PREMIUM**

- Application: Asphalt, Abrasive Concrete
- 8mm (.315") segment height
- 14" long barrel

2 x .155 x 1 1/4-7  
 2 1/4 x .155 x 1 1/4-7  
 2 1/2 x .155 x 1 1/4-7  
 3 x .155 x 1 1/4-7  
 3 1/2 x .155 x 1 1/4-7  
 4 x .155 x 1 1/4-7\*  
 4 1/4 x .155 x 1 1/4-7\*  
 4 1/2 x .155 x 1 1/4-7  
 5 x .155 x 1 1/4-7  
 6 x .155 x 1 1/4-7  
 6 1/4 x .155 x 1 1/4-7\*  
 7 x .165 x 1 1/4-7  
 8 x .165 x 1 1/4-7

**OD30P(2) PREMIUM**

- Application: Masonry, Brick, Concrete Block
- 7mm (.275") segment height
- 10" long barrel

1 x .118 x 5/8-11\*  
 1 1/4 x .118 x 5/8-11\*  
 1 1/2 x .118 x 5/8-11\*  
 1 3/4 x .118 x 5/8-11  
 3 x .125 x 5/8-11  
 4 x .125 x 5/8-11\*  
 4 1/2 x .125 x 5/8-11\*  
 5 x .125 x 5/8-11\*  
 6 x .125 x 5/8-11\*



## ODZ30PR(2) PREMIUM



- Application: Masonry, Brick, Concrete Block
- 7mm (.275") segment height
- ZZ Turbo segment
- 10" long barrel

1 x .118 x 5/8-11\*  
 1 1/4 x .118 x 5/8-11\*  
 1 1/2 x .118 x 5/8-11\*  
 1 3/4 x .118 x 5/8-11  
 2 x .125 x 5/8-11\*  
 4 x .125 x 5/8-11\*  
 4 1/2 x .125 x 5/8-11\*  
 5 x .125 x 5/8-11\*  
 6 x .125 x 5/8-11



## ▼ *dry core bits for concrete*



NEW

## OD30P PREMIUM



- Application: Masonry, Brick, Concrete, Concrete Block
- 9mm (.354) segment height
- Standard style segments for balance of life and speed
- Specifically designed to be used with a vacuum swivel
- 14" barrel length

2 x .125 x 1 1/4-7  
 2 1/2 x .125 x 1 1/4-7  
 3 x .125 x 1 1/4-7  
 3 1/2 x .125 x 1 1/4-7  
 4 x .125 x 1 1/4-7  
 4 1/2 x .125 x 1 1/4-7  
 5 x .125 x 1 1/4-7  
 5 1/2 x .125 x 1 1/4-7  
 6 x .125 x 1 1/4-7  
 6 1/2 x .125 x 1 1/4-7  
 7 x .155 x 1 1/4-7  
 8 x .155 x 1 1/4-7

vacuum swivel available, sold separately



**DMPR(A) PREMIUM**

- Application: Porcelain Tile, Ceramic Tile, Granite, Marble
- 5.5mm (.216") segment height

1/2 x .080 x 10mm\*  
 5/8 x .080 x 10mm\*  
 3/4 x .080 x 10mm\*  
 7/8 x .080 x 10mm\*  
 1 x .080 x 10mm, w/P.D.\*  
 1 1/8 x .080 x 10mm, w/P.D.\*  
 1 1/4 x .080 x 10mm, w/P.D.\*  
 1 3/8 x .080 x 10mm, w/P.D.\*  
 1 1/2 x .080 x 10mm, w/P.D.\*  
 1 5/8 x .080 x 10mm, w/P.D.\*  
 1 3/4 x .080 x 10mm, w/P.D.\*  
 1 7/8 x .080 x 10mm, w/P.D.\*  
 2 x .080 x 10mm, w/P.D.\*

**DMPR(B) PREMIUM**

- Application: Porcelain Tile, Ceramic Tile, Granite, Marble
- 5.5mm (.216") segment height

5/8 x .080 x 5/8-11  
 3/4 x .080 x 5/8-11  
 7/8 x .080 x 5/8-11  
 1 x .080 x 5/8-11  
 1 1/8 x .080 x 5/8-11  
 1 1/4 x .080 x 5/8-11\*  
 1 3/8 x .080 x 5/8-11\*  
 1 1/2 x .080 x 5/8-11\*  
 1 5/8 x .080 x 5/8-11  
 1 3/4 x .080 x 5/8-11  
 2 x .080 x 5/8-11\*  
 2 1/2 x .080 x 5/8-11  
 3 x .080 x 5/8-11



**BPD PREMIUM**

- Application: Porcelain Tile, Ceramic Tile, Marble, Dekton®  
All Natural Stone, Metal
- Also can be used to drill through stainless steel sinks
- Contains olive oil reservoir

5mm (.20") OD x 80mm long (35mm depth), w/ oil  
 6mm (.24") OD x 80mm long (35mm depth), w/ oil  
 7mm (.28") OD x 80mm long (35mm depth), w/ oil\*  
 8mm (.31") OD x 80mm long (35mm depth), w/ oil  
 10mm (.39") OD x 80mm long (35mm depth), w/ oil  
 12mm (.47") OD x 80mm long (35mm depth), w/ oil  
 15mm (.59") OD x 80mm long (35mm depth), w/ oil  
 20mm (.79") OD x 80mm long (35mm depth) x 5/8-11, no oil  
 25mm (.98") OD x 80mm long (35mm depth) x 5/8-11, no oil  
 30mm (1.18") OD x 80mm long (35mm depth) x 5/8-11, no oil  
 35mm (1.38") OD x 80mm long (35mm depth) x 5/8-11, no oil

▼ *continuous core bits for concrete***DMPC PREMIUM**

- Application: Concrete, Block, Concrete Brick
- 5.5mm (.216") segment height



1/4 x .080 x 10mm\*  
 1 1/2 x .080 x 10mm  
 2 1/4 x .080 x 10mm\*  
 2 1/2 x .080 x 10mm, w/P.D.\*  
 2 1/2 x .080 x 5/8-11  
 2 3/4 x .080 x 10mm, w/P.D.\*  
 3 x .080 x 10mm, w/P.D.\*  
 3 x .080 x 5/8-11  
 3 1/4 x .080 x 10mm, w/P.D.  
 3 1/2 x .080 x 10mm, w/P.D.\*  
 3 3/4 x .080 x 10mm, w/P.D.  
 4 x .080 x 10mm, w/P.D.\*  
 4 1/2 x .080 x 10mm, w/P.D.  
 5 x .080 x 10mm, w/P.D.  
 5 1/2 x .080 x 10mm, w/P.D.

**DML PREMIUM**

- Application: Glass Tile, Glass, Gem Stone
- 10mm (.394 ") segment height
- **Wet Cutting Only**

3/16 x 3/4-16  
 3/16 x 5/8-11  
 1/4 x 3/4-16  
 1/4 x 5/8-11  
 5/16 x 3/4-16  
 5/16 x 5/8-11  
 3/8 x 3/4-16  
 3/8 x 5/8-11  
 7/16 x 5/8-11  
 1/2 x 3/4-16  
 1/2 x 5/8-11  
 5/8 x 3/4-16  
 5/8 x 5/8-11

▼ *core bit extensions & thread adaptors***HLCB**

- Available in various threads and lengths (see below)

**EXTENSIONS**

6" Extension, 5/8"-11 Threads  
 6" Extension, 1-1/4"-7 Threads\*  
 12" Extension, 5/8"-11 Threads\*  
 12" Extension, 1-1/4"-7 Threads\*

**THREAD ADAPTORS**

1-1/4"-7 Female TO 5/8"-11 Male\*  
 5/8"-11 Female TO 1-1/4"-7 Male  
 1/2" Jacobs TO 5/8"-11  
 3/8" Jacobs TO 5/8"-11







# GRINDING PRODUCTS





## CS30P PREMIUM



- Application: Concrete, Masonry
- 6mm (.236") segment height

4 x 7/8-5/8\*  
4 x 5/8-11\*  
4.5 x 7/8-5/8  
4.5 x 5/8-11  
5 x 5/8-11  
7 x 7/8-5/8  
7 x 5/8-11

## CS30N STANDARD



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8\*  
4 x 5/8-11\*  
4.5 x 7/8-5/8  
4.5 x 5/8-11  
5 x 7/8-5/8  
5 x 5/8-11  
7 x 7/8-5/8  
7 x 5/8-11\*

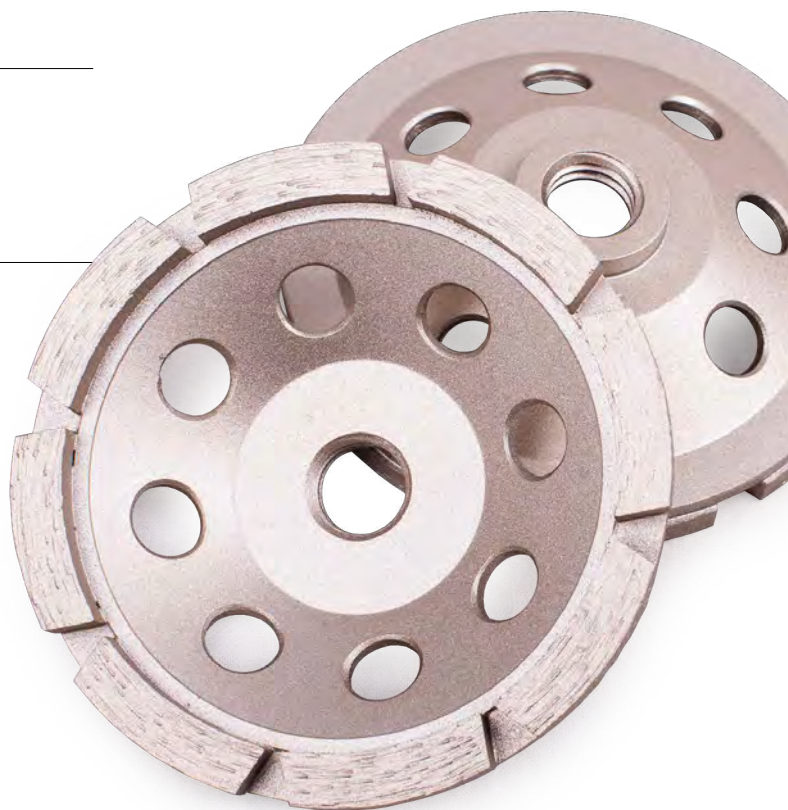


## CS30M PREMIUM



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8\*  
 4 x 5/8-11\*  
 4.5 x 7/8-5/8\*  
 4.5 x 5/8-11\*  
 5 x 7/8-5/8  
 5 x 5/8-11\*  
 7 x 7/8-5/8\*  
 7 x 5/8-11\*



## CD30P PREMIUM



- Application: Concrete, Masonry
- 6mm (.236") segment height

4 x 7/8-5/8  
 4 x 5/8 -11\*  
 4.5 x 7/8-5/8  
 4.5 x 5/8-11  
 5 x 7/8-5/8  
 5 x 5/8-11  
 7 x 7/8-5/8  
 7 x 5/8 -11\*





## CD30N STANDARD



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8\*  
4 x 5/8 -11\*  
4.5 x 7/8-5/8\*  
4.5 x 5/8-11\*  
5 x 7/8-5/8\*  
5 x 5/8-11\*  
7 x 7/8-5/8\*  
7 x 5/8 -11\*

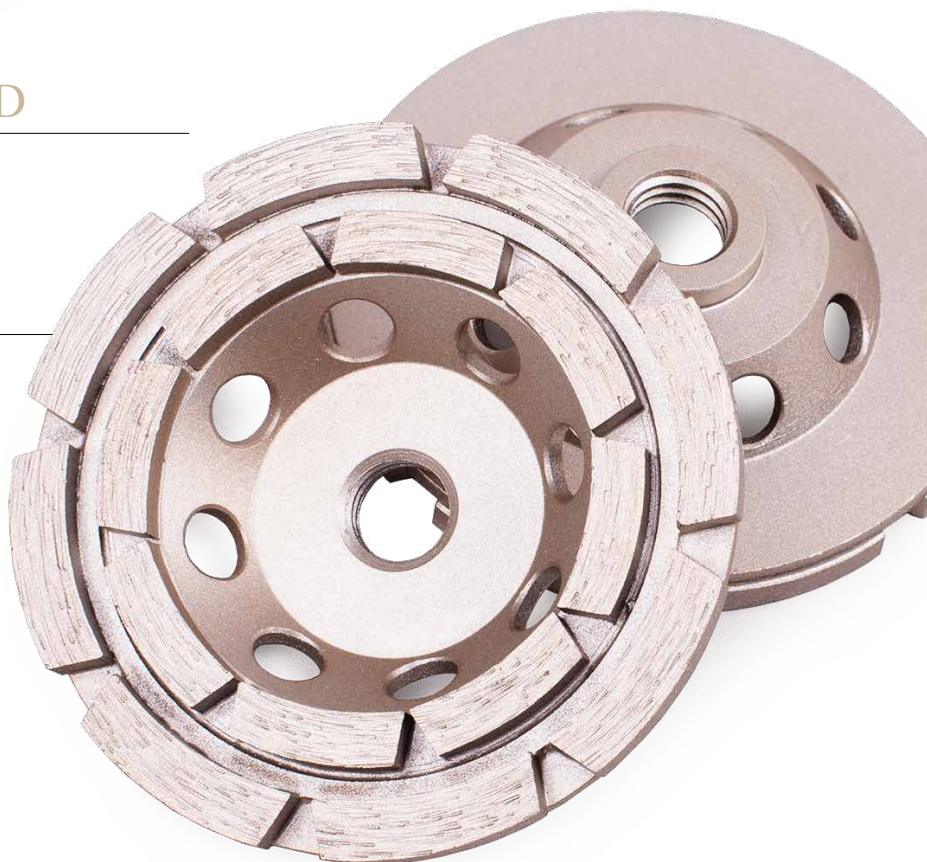


## CD30M STANDARD



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8\*  
4 x 5/8-11\*  
4.5 x 7/8-5/8\*  
4.5 x 5/8-11\*  
5 x 7/8-5/8\*  
5 x 5/8-11\*  
7 x 7/8-5/8\*  
7 x 5/8-11\*

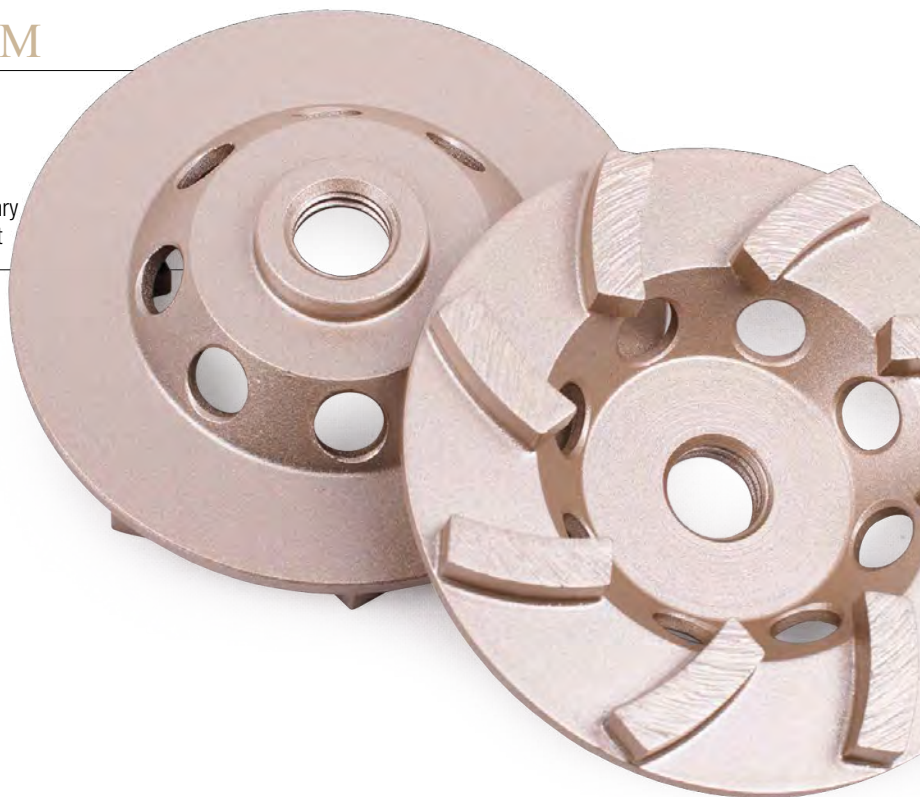


## CGS30P PREMIUM



- Application: Concrete, Masonry
- 6mm (.236") segment height

4 x 7/8-5/8, 8 segs  
 4 x 5/8-11, 8 segs\*  
 4.5 x 7/8-5/8, 9 segs\*  
 4.5 x 5/8-11, 9 segs\*  
 5 x 7/8-5/8, 9 segs\*  
 5 x 5/8-11, 9 segs\*  
 7 x 7/8-5/8, 12 segs\*  
 7 x 5/8-11, 12 segs\*

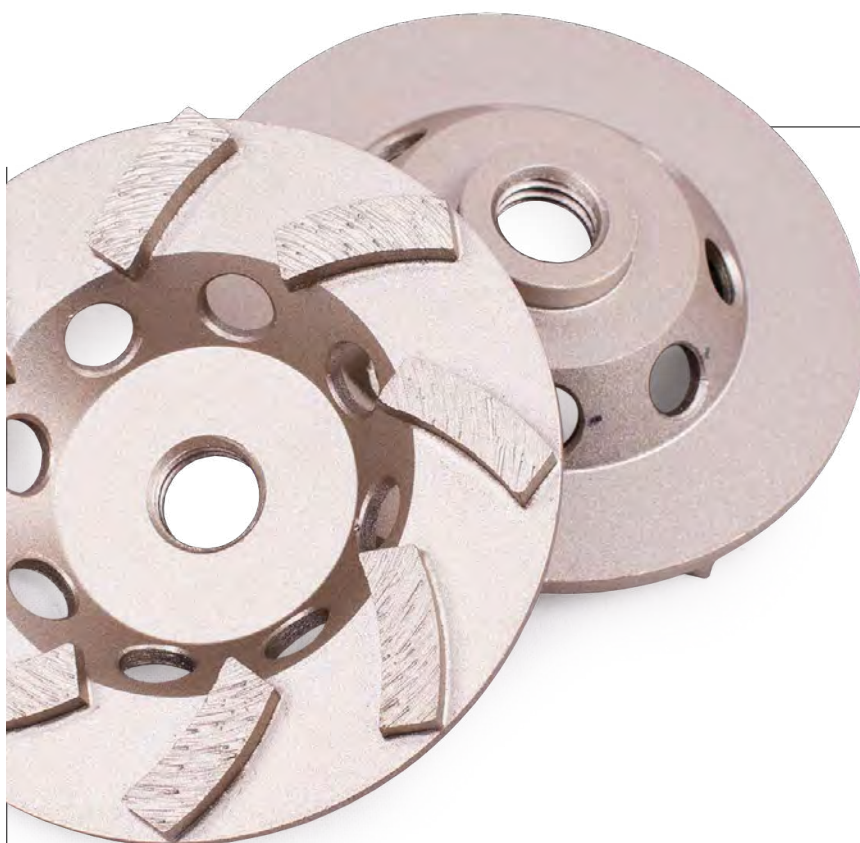


## CGS30M PREMIUM



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8, 8 segs\*  
 4 x 5/8-11, 8 segs\*  
 4.5 x 7/8-5/8, 9 segs\*  
 4.5 x 5/8-11, 9 segs\*  
 5 x 7/8-5/8, 9 segs\*  
 5 x 5/8-11, 9 segs\*  
 7 x 7/8-5/8, 12 segs\*  
 7 x 5/8-11, 12 segs\*



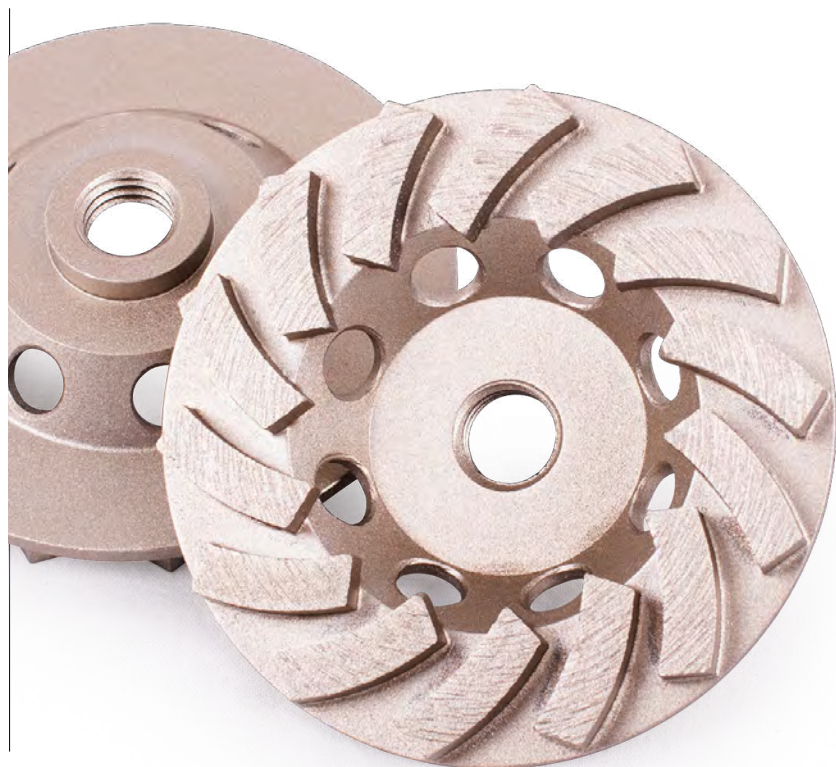


## CGD30P STANDARD PLUS



- Application: Concrete, Masonry
- 6mm (.236") segment height

4 x 7/8-5/8, 14 segs  
4 x 5/8-11, 14 segs\*  
4.5 x 7/8-5/8, 18 segs\*  
4.5 x 5/8-11, 18 segs\*  
5 x 7/8-5/8, 18 segs  
5 x 5/8-11, 18 segs\*  
7 x 7/8-5/8, 24 segs  
7 x 5/8-11, 24 segs

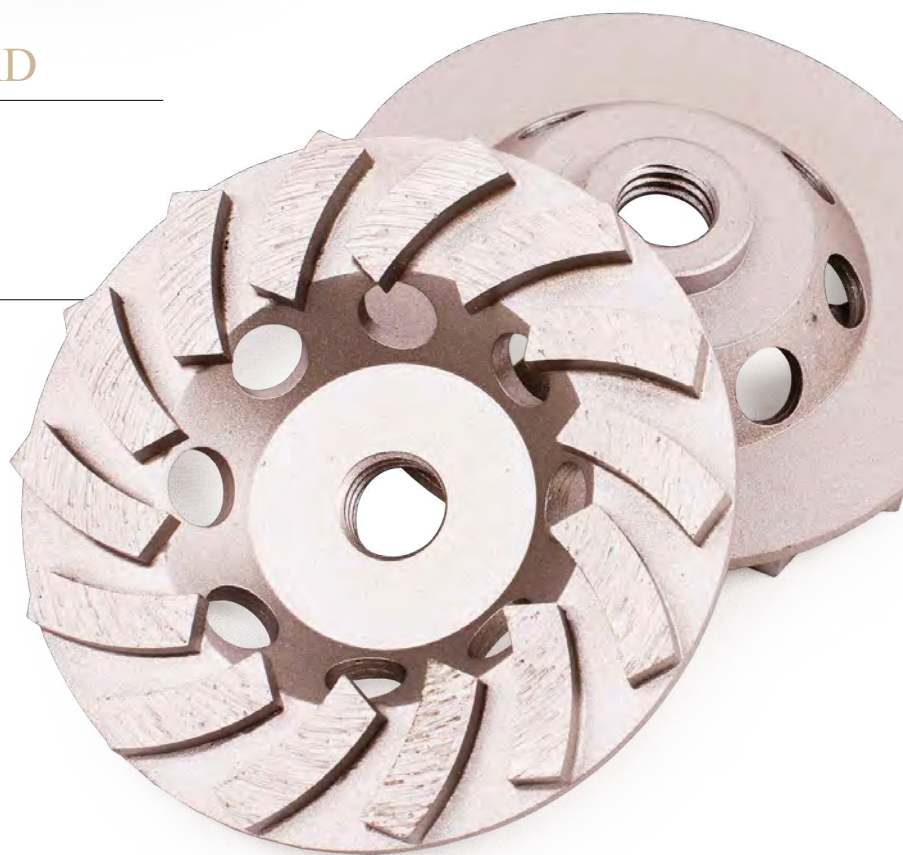


## CGD30M STANDARD



- Application: Concrete, Masonry
- 5mm (.196") segment height

4 x 7/8-5/8, 14 segs\*  
4 x 5/8-11, 14 segs\*  
4.5 x 7/8-5/8, 18 segs\*  
4.5 x 5/8-11, 18 segs\*  
5 x 7/8-5/8, 18 segs\*  
5 x 5/8-11, 18 segs  
7 x 7/8-5/8, 24 segs\*  
7 x 5/8-11, 24 segs\*



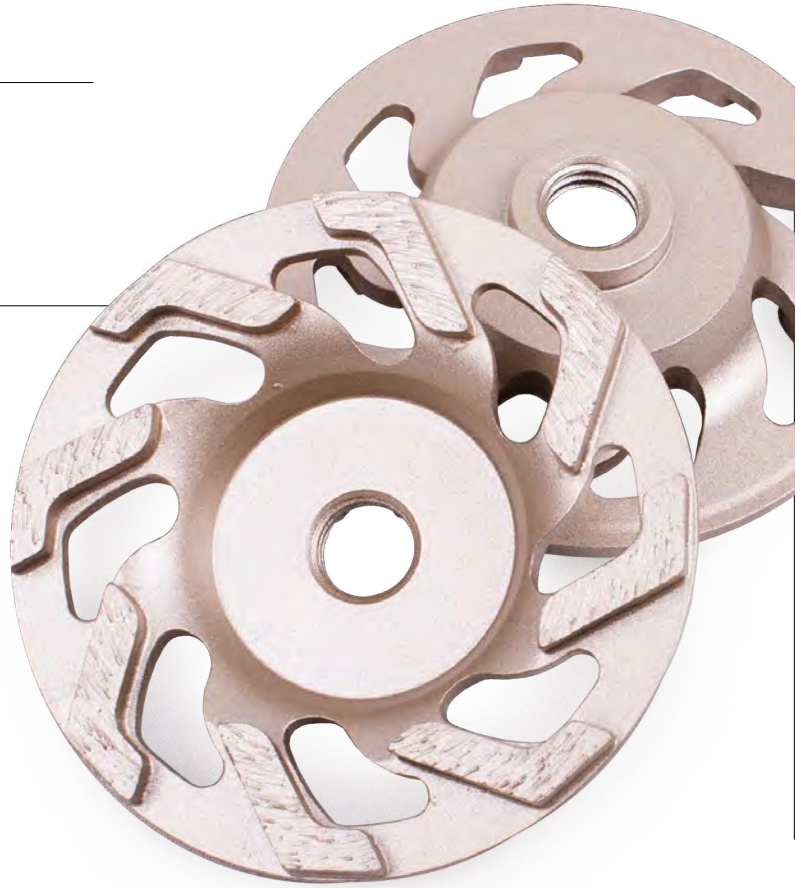


## NCFS10P PREMIUM



- Application: Concrete, Masonry, Stone
- 5mm (.196") segment height
- Wing tipped segments

4 x 7/8-5/8  
4 x 5/8-11  
4.5 x 5/8-11  
5 x 5/8-11  
7 x 7/8-5/8  
7 x 5/8-11

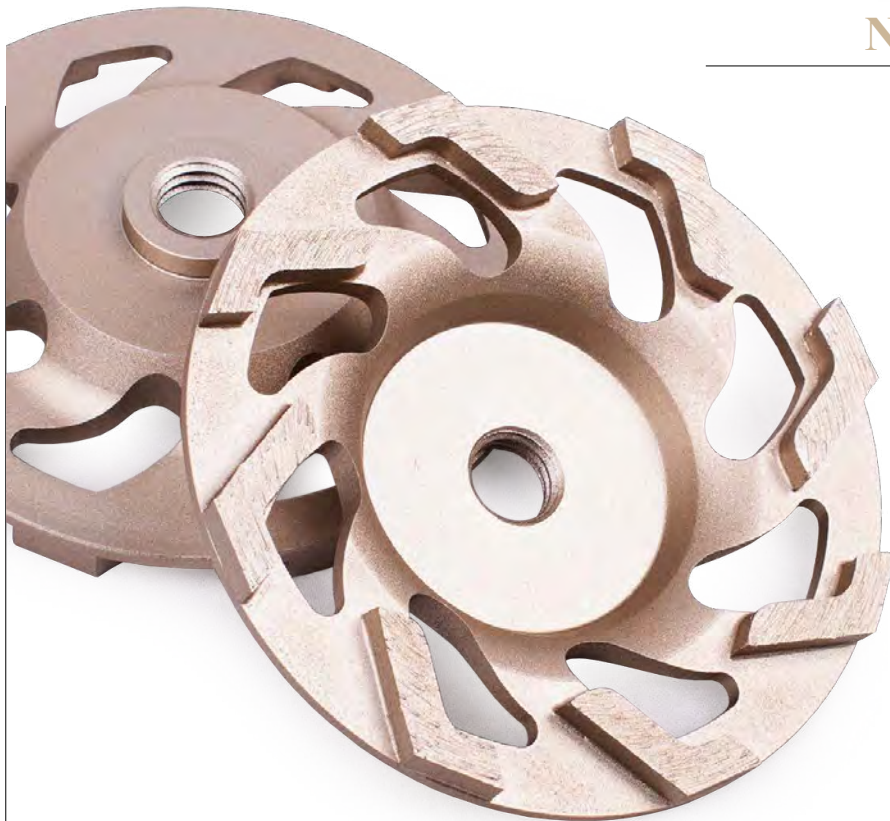


## NCFS30P PREMIUM



- Application: Concrete, Masonry, Stone
- 5mm (.196") segment height

4 x 7/8-5/8  
4 x 5/8-11  
4.5 x 5/8-11  
5 x 5/8-11\*  
6 x 19mm\*  
7 x 7/8-5/8\*  
7 x 5/8-11\*



## CST30P PREMIUM



- Application: Concrete, Masonry, Stone
- 5mm (.196") segment height

4 x 7/8-5/8  
 4 x 5/8-11\*  
 4.5 x 7/8-5/8  
 4.5 x 5/8-11\*  
 5 x 7/8-5/8\*  
 5 x 5/8-11\*  
 7 x 7/8-5/8\*  
 7 x 5/8-11\*

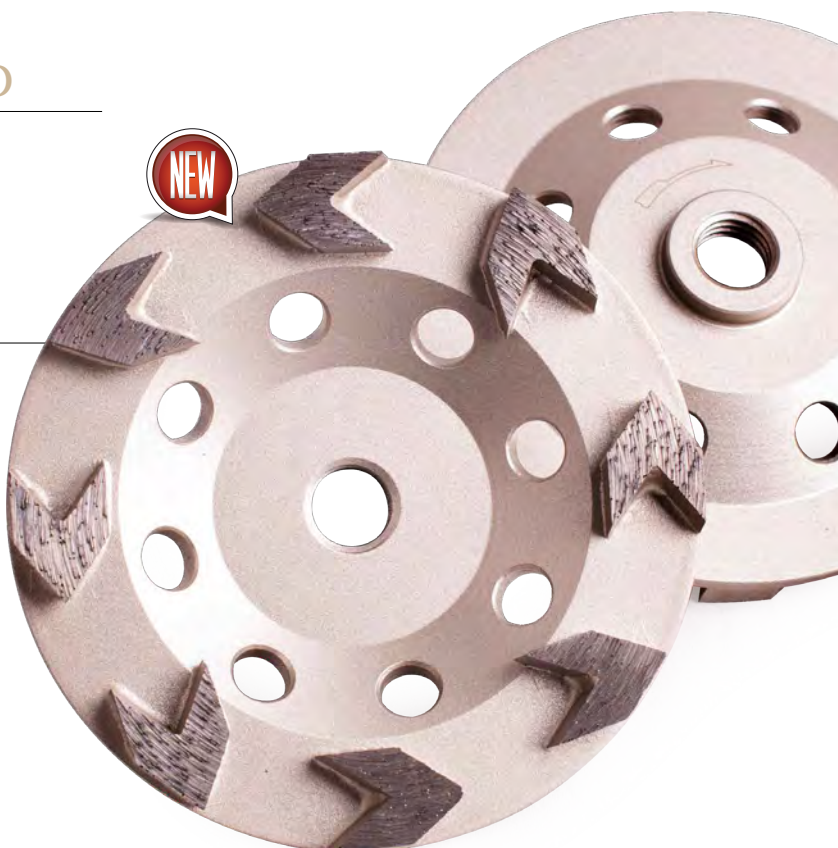


## CAR30P(2) STANDARD



- Application: Concrete, Masonry, Stone
- 10mm (.394") segment height

7 x 7/8-5/8\*  
 7 x 5/8-11\*



## CAT30P PREMIUM



- Application: Concrete, Masonry, Stone
- 5mm (.196") segment height
- Staggered segment

7 x 7/8-5/8\*  
7 x 5/8-11\*



## CCM PREMIUM



- Application: Concrete, Masonry, Asphalt
- 5mm (.196") segment height

10 x 5/8, 10 segs, w/4 bolt holes\*  
10 x 5/8, 20 segs, w/4 bolt holes\*  
10 x 5/8, 10 segs, w/4 bolt holes, hard bond  
10 x 5/8, 20 segs, w/4 bolt holes, hard bond\*







## PCD CUP (2P) PREMIUM



- Application: Epoxy / Paint Removal
- 10mm (.394") segment height

4" x 7/8-5/8, PCD 4ea, 2 seg  
 4" x 5/8-11, PCD 4ea, 2 seg  
 4.5" x 7/8-5/8, PCD 4ea, 2 seg  
 4.5" x 5/8-11, PCD 4ea, 2 seg  
 5" x 7/8-5/8, PCD 4ea, 2 seg  
 5" x 5/8-11, PCD 4ea, 2 seg  
 6" x 7/8-5/8, PCD 4ea, 2 seg  
 6" x 5/8-11, PCD 4ea, 2 seg  
 7" x 7/8-5/8, PCD 4ea, 2 seg  
 7" x 5/8-11, PCD 4ea, 2 seg

## PCD (2) PREMIUM



- Application: Epoxy / Paint Removal
- 10mm (.394") segment height

4" x 7/8-5/8, PCD 4ea  
 4" x 5/8-11, PCD 4ea  
 4.5" x 7/8-5/8, PCD 4ea  
 4.5" x 5/8-11, PCD 4ea  
 5" x 7/8-5/8, PCD 4ea  
 5" x 5/8-11, PCD 4ea  
 6" x 7/8-5/8, PCD 4ea  
 6" x 5/8-11, PCD 4ea  
 7" x 7/8-5/8, PCD 4ea  
 7" x 5/8-11, PCD 4ea



## PCD(3) CUP



- Application: Epoxy / Paint Removal
- 10mm (.394") segment height

4 x 5/8-11  
 4 1/2 x 5/8-11  
 5 x 5/8-11  
 7 x 5/8-11

▼ *turbo rim grinding cup*

## CRN PREMIUM



- Application: General Purpose
- 5mm (.196") segment height

4 x 7/8-5/8, coarse	7 x 7/8-5/8, coarse
4 x 5/8-11, coarse*	7 x 5/8-11, coarse*
4 x 7/8-5/8, medium	7 x 7/8-5/8, medium*
4 x 5/8-11, medium*	7 x 5/8-11, medium*
4 x 7/8-5/8, fine	7 x 7/8-5/8, fine*
4 x 5/8-11, fine*	7 x 5/8-11, fine*
5 x 7/8-5/8, coarse	
5 x 5/8-11, coarse	
5 x 7/8-5/8, medium	
5 x 5/8-11, medium*	
5 x 7/8-5/8, fine	
5 x 5/8-11, fine	
6 x 5/8-11, coarse	
6 x 7/8-5/8, medium	
6 x 5/8-11, medium	
6 x 5/8-11, fine	



## CSS30P SUPREME



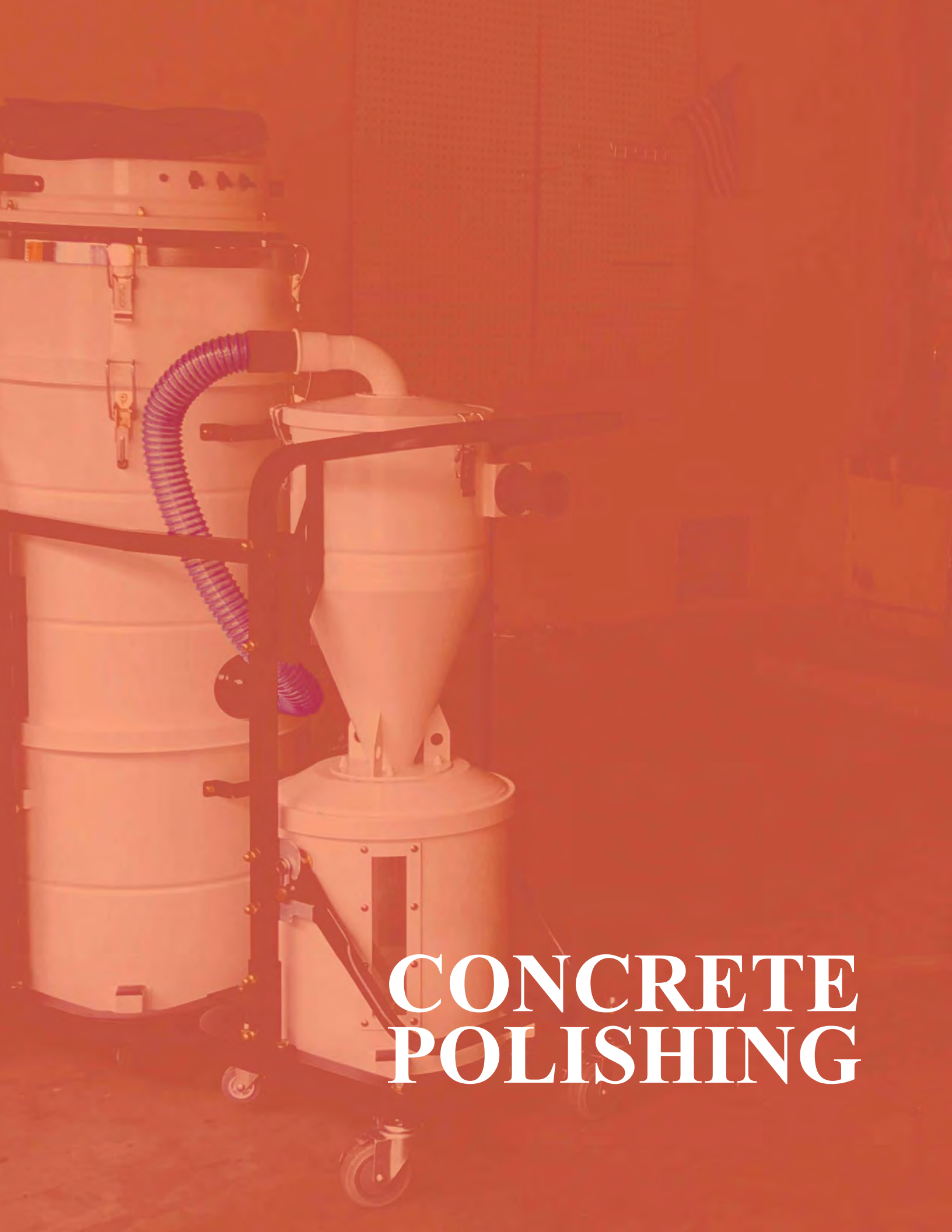
NEW



- Application: Concrete, Edge Grinding
- 10mm (.394") segment height

5 x 7/8, 120/140 Grit	7 x 7/8, 120/140 Grit
5 x 5/8-11, 120/140 Grit	7 x 5/8-11, 120/140 Grit
5 x 7/8, 16/18 Grit	7 x 7/8, 16/18 Grit
5 x 5/8-11, 16/18 Grit	7 x 5/8-11, 16/18 Grit
5 x 7/8, 30/40 Grit	7 x 7/8, 30/40 Grit
5 x 5/8-11, 30/40 Grit	7 x 5/8-11, 30/40 Grit
5 x 7/8, 60/80 Grit	7 x 7/8, 60/80 Grit
5 x 5/8-11, 60/80 Grit	7 x 5/8-11, 60/80 Grit





# CONCRETE POLISHING

## F.A.S.T. SYSTEM



- Not just another concrete polishing system, our proprietary **F.A.S.T. (Flexible Angle Segment Technology)** system makes changing segments fast and easy. It is the only system with user selectable segment angle. with each segment angle producing different grinding speed and surface finish, user can select the best segment angle for the job at hand.



SEGMENT		METAL SEGMENT				PCD SEGMENT
APPLICATION		CONCRETE				ADHESIVE, URETHANE,
		VERY HARD	HARD	MEDIUM HARD	SOFT	EPOXY, PAINT REMOVAL
GRIT	16/18	HS10P1618ARQC	HS20P1618ARQC	HS30P1618ARQC	HS40P1618ARQC	PCDT1RQC
	30/40	HS10P3040ARQC	HS20P3040ARQC	HS30P3040ARQC	HS40P3040ARQC	
	60/80	HS10P6080ARQC	HS20P6080ARQC	HS30P6080ARQC	HS40P6080ARQC	PCDT2RQC
	120/150	HS10P120150ARQC	HS20P120150ARQC	HS30P120150ARQC	HS40P120150ARQC	

### SEGMENT CONFIGURATIONS



#### Horizontal

Aggressiveness: ●●●●●

Scratch Pattern: rough scratch pattern Ideal for grinding down or surface re-coating



#### Slant

Aggressiveness: ●●●●○

Scratch Pattern: shallow, smooth scratch pattern Ideal for preparing floor for polishing/finishing



#### Combination: Vertical & Slant

Aggressiveness: ●●●●○

Scratch Pattern: shallowest & smoothest scratch pattern Delivers best surface finish while maintaining aggressive grinding speed



#### Vertical

Aggressiveness: ●●●●○

Scratch Pattern: shallowest & smoothest scratch pattern Ideal for showroom and other high-end applications

### AGGRESSIVENESS SCALE

- Most aggressive grinding
- Aggressive grinding
- Best transitional grinding
- Least aggressive grinding

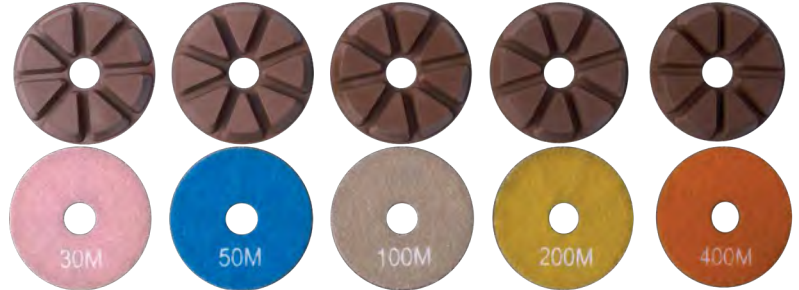
F.A.S.T. SYSTEM full package box.



## HYBRID METALLIC

- Utilizes a hybrid bond of metal and resin to remove any remaining scratches and prepare the floor for final polishing.
- Available in 30-400 grit sizes.

Grit Size	Part #	Diameter
Grit 30	PRMD030030A	3"
Grit 50	PRMD030050A	3"
Grit 100	PRMD030100A	3"
Grit 200	PRMD030200A	3"
Grit 400	PRMD030400A	3"



## RESIN

- Used as a final polish, the resin bonded pads are specially designed for a slow wear rate, ensuring long pad life.
- Available in 50-3000 grit sizes.

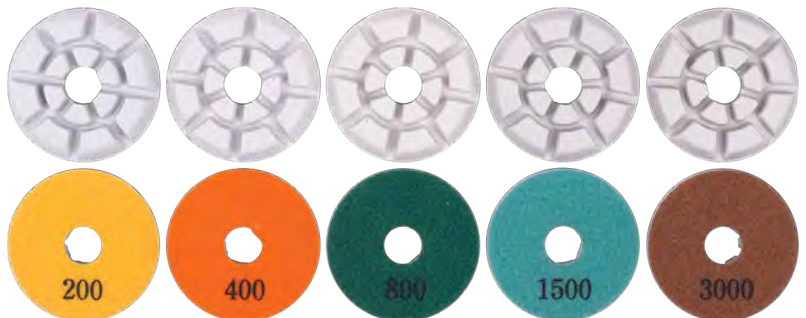
Grit Size	Part #	Diameter
Grit 50	PRPD030050A	3"
Grit 100	PRPD030100A	3"
Grit 200	PRPD030200A	3"
Grit 400	PRPD030400A	3"
Grit 800	PRPD030800A	3"
Grit 1500	PRPD031500A	3"
Grit 3000	PRPD033000A	3"



## DRY WHITE RESIN

- Used as a final polish, the resin bonded pads are specially designed for a slow wear rate, ensuring long pad life.
- Available in 50-3000 grit sizes.

Grit Size	Part #	Diameter
Grit 50	PRDD030050A	3"
Grit 100	PRDD030100A	3"
Grit 200	PRDD030200A	3"
Grit 400	PRDD030400A	3"
Grit 800	PRDD030800A	3"
Grit 1500	PRDD031500A	3"
Grit 3000	PRDD033000A	3"





## DUAL-PURPOSE RESIN

- Velcro® with interchangeable pads with varying diamond grit for grinding and polishing of concrete, cement overlays, and stone floors. We offer seven different grit sizes, from 50 to 3000. Once you finish with one grit size, simply pull off and put on the next pad. This eliminates the need to change the entire pad every time.
- Application:  
Grit 50-200: Grinding  
Grit 400: Hybrid-Grinding Polishing  
Grit 800: Polishing



Grit Size	Part #	Diameter	Grit Size	Part #	Diameter	Grit Size	Part #	Diameter
Grit 50	EPPSLC070050A	7"	Grit 50	EPPSLC090050A	9"	Grit 50	EPPSLC110050A2	11"
Grit 100	EPPSLC070100A	7"	Grit 100	EPPSLC090100A	9"	Grit 100	EPPSLC110100A2	11"
Grit 200	EPPSLC070200A	7"	Grit 200	EPPSLC090200A	9"	Grit 200	EPPSLC110200A2	11"
Grit 400	EPPSLC070400A	7"	Grit 400	EPPSLC090400A	9"	Grit 400	EPPSLC110400A2	11"
Grit 800	EPPSLC070800A	7"	Grit 800	EPPSLC090800A	9"	Grit 800	EPPSLC110800A2	11"
Grit 1500	EPPSLC071500A	7"	Grit 1500	EPPSLC091500A	9"	Grit 1500	EPPSLC111500A2	11"
Grit 3000	EPPSLC073000A	7"	Grit 3000	EPPSLC093000A	9"	Grit 3000	EPPSLC113000A2	11"

## BURNISHING PADS

- Diamond coated pads for cleaning and polishing a wide range materials such as Natural stone, Engineered stone, Terrazzo, Polished concrete. These pads will help keep your floor clean and shiny, reducing long-term maintenance costs.



Grit Size	Part #	Diameter	Grit Size	Part #	Diameter	Grit Size	Part #	Diameter
Grit 400	EPBNSP170400A	17"	Grit 400	EPBNSP200400A	20"	Grit 400	EPBNSP270400A	27"
Grit 800	EPBNSP170800A	17"	Grit 800	EPBNSP200800A	20"	Grit 800	EPBNSP270800A	27"
Grit 1500	EPBNSP171500A	17"	Grit 1500	EPBNSP201500A	20"	Grit 1500	EPBNSP271500A	27"
Grit 3000	EPBNSP173000A	17"	Grit 3000	EPBNSP203000A	20"	Grit 3000	EPBNSP273000A	27"

Grit Size	Part #	Diameter	Grit Size	Part #	Diameter	Grit Size	Part #	Diameter
Grit 400	EPBNSP210400A	21"	Grit 400	EPBNSP240400A	24"	Grit 400	EPBNSP270400A	27"
Grit 800	EPBNSP210800A	21"	Grit 800	EPBNSP240800A	24"	Grit 800	EPBNSP270800A	27"
Grit 1500	EPBNSP211500A	21"	Grit 1500	EPBNSP241500A	24"	Grit 1500	EPBNSP271500A	27"
Grit 3000	EPBNSP213000A	21"	Grit 3000	EPBNSP243000A	24"	Grit 3000	EPBNSP273000A	27"

## FGWIB/FGWIR

- Dry
- Application: Concrete, Masonry, Stone
- Equipment: 17" Floor Buffer

Metal Pads	Grit Size	Buffer Size
FGWIB150025A	25 Grit	17"
FGWIB150030A	30 Grit	17"
FGWIB150060A	60 Grit	17"
FGWIB150100A	100 Grit	17"

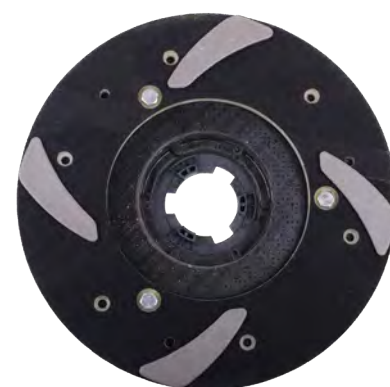
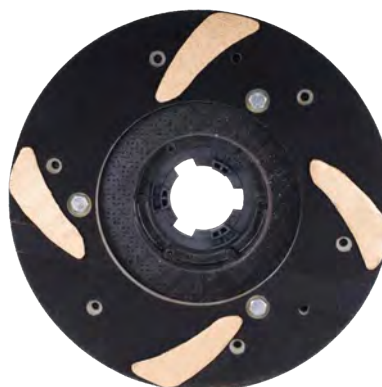
Resin Pads	Grit Size	Buffer Size
FGWIR1500050A	50 Grit	17"
FGWIR1500100A	100 Grit	17"
FGWIR1500200A	200 Grit	17"
FGWIR1500400A	400 Grit	17"
FGWIR1500800A	800 Grit	17"
FGWIR1501500A	1500 Grit	17"
FGWIR1503000A	3000 Grit	17"



metal pads



resin pads



## ▼ *ceramic cup wheels*

### FGCW

- Removes scratches quickly without leaving swirl marks from traditional metal bonded cup wheels
- Lightweight and durable to help the operator work smarter and faster
- Available in 5 grit sizes to give concrete polished floors the same finish up to the edge of a wall
- Fits on most hand grinders and edge machines that use a 7" wheel with a 5/8-11 thread.
- Wet and Dry use, but performs better dry

5 x 5/8-11, 30 Grit  
 5 x 5/8-11, 50 Grit  
 5 x 5/8-11, 100 Grit  
 5 x 5/8-11, 200 Grit  
 5 x 5/8-11, 400 Grit  
 7 x 5/8-11, 30 Grit  
 7 x 5/8-11, 50 Grit  
 7 x 5/8-11, 100 Grit  
 7 x 5/8-11, 200 Grit  
 7 x 5/8-11, 400 Grit





## DC3300

To ensure a dust-free floor, the DC-3300 dust extractor is a powerful, highly efficient two-stage vacuum system that collects all sizes of dust particles and prevents clogging by depositing large grit particles into the first canister and the small grit particles in the main canister.

### DC-3300 Specifications

Width (smaller unit)	22"
Height (smaller unit)	39"
Width (larger unit)	27"
Height (larger unit)	49"
Weight (net)	182 lbs.
Cubic Feet Per Minute (CFM)	330
Filter Cleaning	Manual
Power	110V / 50Hz
HEPA	Standard
Water Lift	91"

## DC350LM

### DC-350LM Specifications

Width	26"
Height	66"
Weight (net)	152 lbs.
Cubic Feet Per Minute (CFM)	330
Filter Cleaning	Manual
Power	110V / 50Hz Standard, 220V / 60Hz Optional
HEPA	Standard
Water Lift	106"







## DC150LM

### DC-150LM Specifications

Width	22"
Height	58"
Weight (net)	132 lbs.
Cubic Feet Per Minute (CFM)	224
Filter Cleaning	Manual
Power	110V / 50Hz Standard, 220V / 60Hz Optional
HEPA	Standard
Water Lift	106"

▼ *edge grinder*

## EG1000

- The EG-1000 edge floor grinding machine is ergonomically designed and allows the user to grind in a upright position, helping to eliminate fatigue, backaches, and job site injuries. The most efficient edge grinder in the market.
- Operates with 7" hand-held grinder (optional)
- Safer operating
- Easily connects to a vacuum system
- Easy transportation
- 45 lbs frame weight
- Equipped with headlight for operation in dim areas
- Heavy Duty body construction
- Control and apply pressure to the center of the tool with guide handle
- Easy grinding to the edge. Front arm has multiple position pin to get into tight areas.

### EG-1000 Specifications

Length	25"
Width	23.6"
Height	40.5"
Weight	53 lbs.
Grinding Head Size	7"
# of Plates	1



### Hand Grinder Specifications

Length	25"
Grinding Width	7"
Production Capacity	150/250 sq. ft/hr
Motor	6600 rpm
Voltage	120V, 1Ø, 60 Hz
Amperage	15A
Power Cord	6 ft. (1.8m)
Dust Hose Connection	2"
Weight	Net 9 lbs.
Dimensions	19" L x 4.5" x 5" H w/o Handle Attached









# TUCK POINT & CRACK CHASER





## PM30U SUPREME



- Application: Mortar, Masonry, Concrete
- 12mm (.472") segment height

4 x .250 x 7/8-5/8  
 4 x .375 x 7/8-5/8  
 4.5 x .250 x 7/8-5/8  
 5 x .250 x 7/8-5/8  
 5 x .375 x 7/8-5/8  
 6 x .250 x 7/8-5/8  
 7 x .250 x 7/8-5/8  
 7 x .250 x UA-7/8-5/8  
 7 x .375 x 7/8-5/8  
 8 x .250 x 7/8-5/8\*

## PM30P PREMIUM



- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height

4 x .250 x 7/8-5/8  
 4 x .375 x 7/8-5/8\*  
 4 x .500 x 7/8-5/8  
 4.5 x .250 x 7/8-5/8\*  
 4.5 x .375 x 7/8-5/8\*  
 5 x .250 x 7/8-5/8\*  
 5 x .375 x 7/8-5/8  
 5 x .500 x 7/8-5/8  
 7 x .250 x 7/8-5/8  
 7 x .250 x UA-7/8-5/8  
 7 x .375 x 7/8-5/8  
 7 x .500 x 7/8-5/8  
 8 x .250 x 7/8-5/8  
 8 x .250 x UA-7/8-5/8  
 8 x .375 x 7/8-5/8  
 8 x .375 x 1, w/ph  
 8 x .500 x 7/8-5/8  
 8 x .500 x 1, w/ph\*  
 9 x .250 x 7/8-5/8



## PM30N STANDARD



- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height

3 x .250 x 7/8-5/8  
 4 x .250 x 7/8-5/8\*  
 4 x .500 x 7/8-5/8\*  
 4.5 x .250 x 7/8-5/8\*  
 4.5 x .500 x 7/8-5/8  
 5 x .250 x 7/8-5/8\*  
 5 x .500 x 7/8-5/8  
 6 x .250 x 7/8-5/8\*  
 7 x .250 x 7/8-5/8\*  
 8 x .250 x 7/8-5/8  
 8 x .500 x 7/8-5/8



## PM30EH STANDARD



- Application: Mortar, Masonry, Concrete
- 13.5mm (.532") segment height
- Punch hole core

4 x .250 x 7/8-5/8, 13.5mmd  
 4.5 x .250 x 7/8-5/8, 13.5mmd  
 5 x .250 x 7/8-5/8, 13.5mmd







## PM30ET STANDARD



- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Punch hole core

4 x .250 x 7/8-5/8  
 4.5 x .250 x 7/8-5/8\*  
 5 x .250 x 7/8-5/8\*  
 7 x .250 x 7/8-5/8

## PM30M STANDARD



- Application: Mortar, Masonry, Concrete
- 8mm (.315") segment height

4 x .250 x 7/8-5/8\*  
 4 x .375 x 7/8-5/8\*  
 4 x .500 x 7/8-5/8\*  
 4.5 x .250 x 7/8-5/8\*  
 4.5 x .375 x 7/8-5/8\*  
 4.5 x .500 x 7/8-5/8  
 5 x .250 x 7/8-5/8\*  
 5 x .375 x 7/8-5/8\*  
 5 x .500 x 7/8-5/8  
 6 x .375 x 7/8-5/8  
 7 x .250 x 7/8-5/8\*  
 7 x .250 x UA-7/8-5/8  
 7 x .500 x 7/8-5/8  
 8 x .250 x 7/8-5/8\*  
 8 x .500 x 7/8-5/8





**PMX30MT ECONOMY**

- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height

4 x .250 x 7/8-5/8\*  
 4.5 x .250 x 7/8-5/8\*  
 5 x .250 x 7/8-5/8\*

**PM30CT ECONOMY**

- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Sintered

4 x .250 x 7/8-5/8\*  
 4.5 x .250 x 7/8-5/8\*  
 5 x .250 x 7/8-5/8\*  
 7 x .250 x 7/8-5/8  
 7 x .250 x UA-7/8-5/8\*



**SM30CT(DB) STANDARD**

- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Laser welded blade

4 x .250 x 7/8-5/8, sandwich double blade\*  
 4.5 x .250 x 7/8-5/8, sandwich double blade\*  
 5 x .250 x 7/8-5/8, sandwich double blade\*  
 7 x .250 x 7/8-5/8, sandwich double blade

**ID30ET(DB) ECONOMY**

- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Sintered blade
- Sandwich double blade

4 x .250 x 7/8-5/8  
 4.5 x .250 x 7/8-5/8  
 5 x .250 x 7/8-5/8\*



## ▼ sandwich triple tuck point blade

TUCK POINT

### SM30CT(TB) STANDARD PLUS



- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Laser welded blade

4 x .250 x 7/8-5/8, sandwich triple blade  
4.5 x .250 x 7/8-5/8, sandwich triple blade  
5 x .250 x 7/8-5/8, sandwich triple blade  
7 x .250 x 7/8-5/8, sandwich triple blade



## ▼ sintered sandwich triple tuck point blade

### ID30ET(TB) ECONOMY



- Application: Mortar, Masonry, Concrete
- 10mm (.394") segment height
- Sintered blade
- Sandwich triple blade

4 x .250 x 7/8-5/8  
4.5 x .250 x 7/8-5/8  
5 x .250 x 7/8-5/8







## SHM PREMIUM



- Application: Concrete, Asphalt
- 12.7mm (.500") segment height

4 x .375 x 7/8-5/8*	8 x .375 x 7/8-5/8
4 x .375 x 7/8, thread only*	8 x .375 x 1, w/ph*
4 x .375 x 10mm	8 x .375 x 5/8-11
4 x .375 x 5/8-11*	8 x .500 x 7/8-5/8
4 x .375 x 7/8-5/8, soft bond	8 x .500 x 1, w/ph*
4 x .500 x 7/8-5/8*	
4 x .500 x 5/8-11*	
4.5 x .375 x 7/8-5/8*	
5 x .375 x 7/8-5/8*	
5 x .375 x 7/8-5/8, soft bond	
5 x .375 x 7/8-5/8, hard bond	
5 x .500 x 7/8-5/8	
7 x .375 x 7/8-5/8*	
7 x .375 x 7/8-5/8, soft bond	
7 x .375 x 7/8-5/8, hard bond	
7 x .375 x UA-7/8-5/8	
7 x .500 x 7/8-5/8	
7 x .500 x 5/8-11	

## SHCT PREMIUM



- Application: Hard Concrete, Asphalt
- 12.7mm (.500") segment height

4 x .375 x 5/8-11\*





# TILE & STONE PRODUCTS



## TILE &amp; STONE PRODUCTS MAP

APPLICATION		CUTTING		GRINDING	POLISHING	DRILLING	PROFILING	CONTOUR CUTTING
		Small Diameter (4"-7")	Large Diameter (10"-16")					
Porcelain	Porcelain Tile, Ceramic	ZLPS LD10P LD30P LD30MT	ZLW LW30P LW30MT	ZCSRG (Horizontal) ZGDSC (Vertical)	ZASHP (V3, 50-3000 grit & Pos 0- Pos 3) ASHT EPPD	ZETWCB BPD DMPL	PWR FWB	EPCV
	Porcelain Slab		ZLSGD LGW20P ZLPS			ZETWCB BPD	FWR	
Glass	Glass (Glass Tile, Glass Block)	ZLGW LGW20U	ZLGW LGW20U	Not Recommended	EPPD EPPE	DML	Not Recommended	Not Recommended
Silica Based Stones	Granite	ZRG10S RW10V RG10M	QSG20VX ZESG SGP	ZCSRG CRG DXA2930	ASHP (V2, 50-3000 grit) ASHC (V2, 50-3000 grit) ASHE (50-3000 grit)	ZDGUL DGPL BPD	FWR FWB	CVCP CVTP
	Engineered Stone		SGQ QSG20VX		ZASHP (V3, 50-3000 grit) ASHT (Pos 1 - Pos 3) EPPE (50-3000 grit)			
	Quartzite				ASHP (V2, 50-3000 grit) ASHC (V2, 50-3000 grit) ASHE (50-3000 grit)	ZDGUL ZETWCB DGPL		
Calcium Based Stones	Limestone, Marble, Onyx, Travertine, Etc.	MEBX ZLPS	SMM SEG ZLPS	ZCSRG CRG DXA2930	ZASHP (V3, 50-3000 grit) EPSP ASHT	ZETWCB BPD		EPCV

• STANDARD • PREMIUM • SUPREME • ZENESIS™

▼ dry thin turbo rim tile blade

## LD10UTR(3) SUPREME



- Application: Porcelain Tile, Ceramic Tile, Porcelain Pavers
- 10mm (.394") segment height

4 x .050 x 7/8-5/8, 7/8-20mm\*  
 4.5 x .050 x 7/8-5/8, 7/8-20mm\*  
 5 x .050 x 7/8-5/8, 7/8-20mm\*  
 6 x .050 x 7/8-5/8, 7/8-20mm  
 7 x .079 x U/A\*  
 10 x .079 x 5/8\*  
 12 x .087 x 1\*  
 14 x .087 x 1\*





## LD10P PREMIUM



- Application: Porcelain Tile
- 7.5mm (.295") segment height

4 x .060 x 7/8-5/8, 7/8-20mm, thin t slot\*  
 4.5 x .060 x 7/8-5/8, 7/8-20mm, thin t slot\*  
 5 x .060 x 7/8-5/8, 7/8-20mm, thin t slot  
 7 x .060 x UA-7/8-5/8, thin t slot  
 8 x .060 x UA-7/8-5/8, thin t slot  
 10 x .060 x UA-7/8-5/8, thin t slot



## ▼ *dry tile blade*

## LD30P PREMIUM



- Application: Porcelain Tile, Ceramic Tile
- 7.5mm (.295") segment height

4 x .060 x 7/8-5/8, 7/8-20mm\*  
 4.5 x .060 x 7/8-5/8, 7/8-20mm\*  
 5 x .060 x 7/8-5/8, 7/8-20mm\*  
 6 x .060 x UA-7/8-5/8  
 7 x .060 x UA-7/8-5/8\*  
 8 x .060 x UA-7/8-5/8  
 9 x .060 x UA-7/8-5/8  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8\*



## LD30MT STANDARD



- Application: Ceramic Tile
- 10mm (.394") segment height

4 x .060 x 7/8-5/8, 7/8-20mm\*  
 4.5 x .060 x 7/8-5/8, 7/8-20mm\*  
 7 x .060 x UA-7/8-5/8  
 10 x .060 x UA-7/8-5/8



## LD30H ECONOMY



- Application: Ceramic Tile
- 10mm (.394") segment height

4 x .060 x 7/8-5/8, 7/8-20mm  
 4.5 x .060 x 7/8-5/8, 7/8-20mm  
 7 x .060 x UA-7/8-5/8  
 10 x .060 x UA-7/8-5/8





## LD30E ECONOMY



- Application: Ceramic Tile
- 7mm (.275") segment height

4 x .080 x 7/8-5/8, 7/8-20mm\*  
 4.5 x .080 x 7/8-5/8\*  
 7 x .090 x 7/8-5/8\*  
 10 x .090 x 5/8\*



## ▼ ZENESIS™ continuous rim blade

## ZLPS ZENESIS™



- Application: Porcelain Tile, Granite, and Hard Materials
- 4"-6": 6.5mm (.255") segment height
- 7"-10": 9.0mm (.354") segment height
- 12"-14": 9.5mm (.374") segment height
- Water drop slot for 4" to 10"
- Use 4", 4.5", 5", and 6" wet or dry; all other sizes must be used wet.



- 4 x 7/8"-5/8"+20mm\*
- 4.5 x 7/8"-5/8"+20mm\*
- 5 x 7/8"-5/8"+20mm\*
- 6 x 7/8"-5/8"+20mm\*
- 7 x U/A (DM -5/8")\*
- 8 x 1"-5/8"\*
- 8 x U/A (DM -5/8")\*
- 10 x 1"-5/8"\*
- 12 x 1"-5/8"\*
- 12 x 60/50mm\*
- 14 x 1"-5/8"\*
- 14 x 60/50mm\*



▼ *patterned continuous rim blade*

## QLPS SUPREME



- Application: Porcelain Tile, Granite, and Hard Materials
- 4"-6": 6.5mm (.255") segment height
- 7"-10": 9.0mm (.354") segment height
- 12"-14": 9.5mm (.374") segment height
- Water drop slot for 4" to 10"
- Use 4", 4.5", 5", and 6" wet or dry; all other sizes must be used wet.

- 4 x 7/8" -5/8" +20mm
- 4.5 x 7/8" -5/8" +20mm\*
- 5 x 7/8" -5/8" +20mm\*
- 6 x 7/8" -5/8" +20mm
- 7 x U/A (DM -5/8")
- 8 x 1" -5/8"
- 8 x U/A (DM -5/8")
- 10 x 1" -5/8"\*
- 12 x 1" -5/8"
- 12 x 50/60mm
- 14 x 1" -5/8"
- 14 x 50/60mm

▼ *ZENESIS™ porcelain tile blade*

## ZLW ZENESIS™



- Application: Porcelain Tile, Ceramic Tile
- 10mm (.394") segment height
- Fast, smooth, and chip-free cuts on ceramic and all types of porcelain, including large porcelain sheets and porcelain pavers.

- 4 x .060 x 7/8-5/8 + 20mm
- 4 1/2 x .060 x 7/8-5/8 + 20mm
- 7 x .060 x 5/8
- 10 x .060 x 5/8

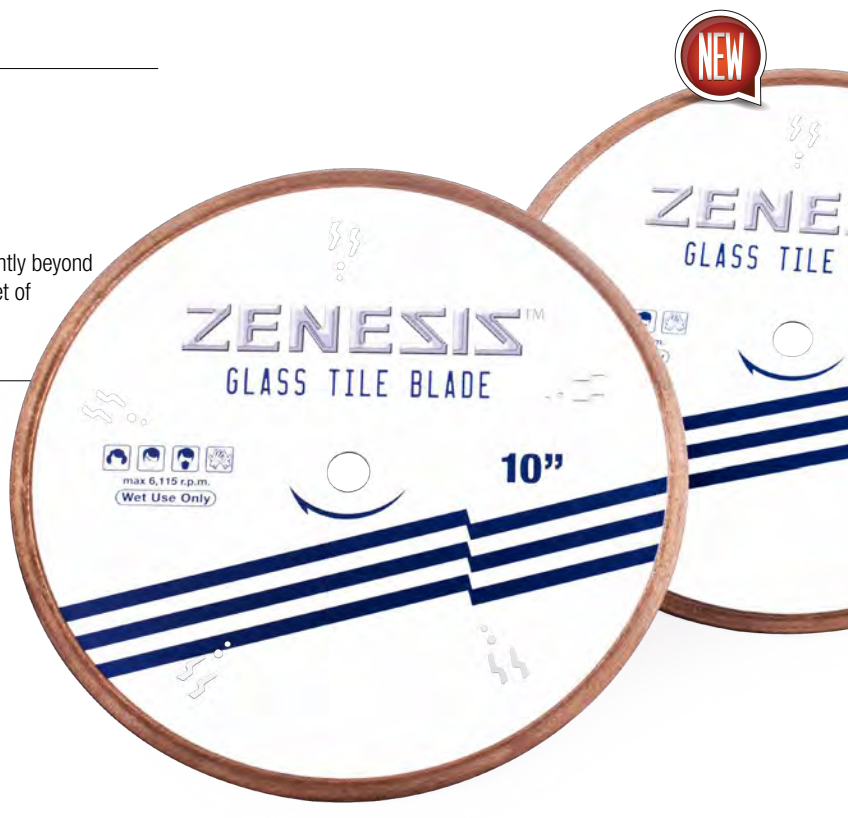


## ZLGW ZENESIS™



- Application: Glass Tile
- 7.5mm (.295") segment height
- Provides chip-free performance significantly beyond anything currently available on the market of all types and thicknesses of glass.
- **Wet Cutting Only**

4 x .060 x 7/8-5/8 + 20mm  
 4 1/2 x .060 x 7/8-5/8 + 20mm  
 7 x .060 x 5/8  
 10 x .060 x 5/8



## ▼ wet tile blade

### LW10UT(2) SUPREME



- Application: Porcelain Tile, Ceramic Tile
- 10mm (.394") segment height

4 x .060 x 7/8-5/8, 7/8-20mm  
 4.5 x .060 x 7/8-5/8, 7/8-20mm  
 5 x .060 x 7/8-5/8, 7/8-20mm  
 6 x .060 x 5/8  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8  
 9 x .060 x 5/8  
 10 x .060 x 5/8  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8





## LL10UA SUPREME



- Application: Porcelain Tile, Ceramic Tile
- 9.5mm (.374") segment height

4 x .060 x 7/8-5/8, 7/8-20mm  
 4.5 x .060 x 7/8-5/8, 7/8-20mm  
 6 x .060 x 5/8  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8\*  
 9 x .060 x 5/8  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8\*  
 14 x .080 x 1-5/8\*

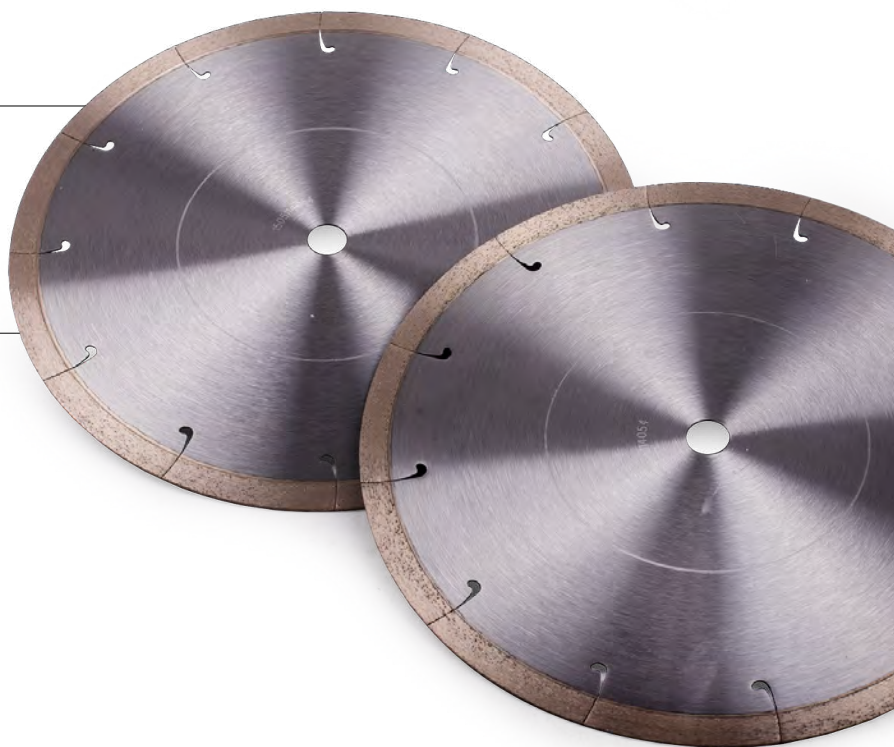
▼ *wet e slot tile blade*

## LW10PT PREMIUM



- Application: Porcelain Tile, Ceramic Tile
- 10mm (.394") segment height
- E slot

4 x .060 x 7/8-5/8, 7/8-20mm  
 4.5 x .060 x 7/8-5/8, 7/8-20mm  
 6 x .060 x 5/8  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8  
 9 x .060 x 5/8  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8\*





**LW30UT SUPREME**

- Application: Porcelain Tile, Ceramic Tile
- 10mm (.394") segment height

4.5 x .060 x 7/8-5/8, 7/8-20mm  
 5 x .060 x 7/8-5/8, 7/8-20mm  
 6 x .060 x 5/8  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8\*  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8

**LW30P PREMIUM**

- Application: Porcelain Tile, Ceramic Tile
- 10mm (.394") segment height

4 x .060 x 7/8-5/8, 7/8-20mm  
 4.5 x .060 x 7/8-5/8, 7/8-20mm  
 6 x .060 x 5/8  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8\*



## LW30MT STANDARD



- Application: Ceramic Tile
- 10mm (.394") segment height

4 x .060 x 7/8-5/8, 7/8-20mm\*  
 4.5 x .060 x 5/8\*  
 6 x .060 x 5/8\*  
 7 x .060 x 5/8\*  
 8 x .060 x 5/8\*  
 9 x .060 x 5/8  
 10 x .060 x 5/8\*  
 12 x .080 x 1-5/8  
 14 x .080 x 1-5/8\*



## LGW20U PREMIUM



- Application: Glass Tile
- 7.5mm (.295") segment height
- **Wet Cutting Only**

4 x .050 x 7/8-5/8, 7/8-20mm  
 4.5 x .050 x 7/8-5/8, 7/8-20mm  
 5 x .050 x 7/8-5/8, 7/8-20mm  
 6 x .050 x 5/8  
 7 x .050 x 5/8\*  
 8 x .050 x 5/8\*  
 9 x .050 x 5/8  
 10 x .050 x 5/8\*  
 12 x .060 x 1-5/8  
 14 x .080 x 1-5/8\*





## YM SUPREME



- Application: Lapidary, Precious Gems
- 5mm (.196") segment height

4 x .020 x 1/2*	8 x .060 x 5/8-1/2
4 x .020 x 5/8	9 x .060 x 5/8-1/2
4 x .014 x 1/2*	10 x .032 x 5/8*
4 x .014 x 5/8*	10 x .040 x 5/8*
5 x .020 x 5/8	10 x .050 x 5/8*
5 x .020 x 1/2*	12 x .065 x 5/8
6 x .032 x 5/8-1/2*	12 x .065 x 1*
6 x .014 x 1/2	14 x .070 x 1-3/4*
6 x .014 x 5/8*	16 x .085 x 1-3/4*
6 x .020 x 1/2*	18 x .085 x 1-3/4*
6 x .020 x 5/8*	20 x .100 x 1-3/4*
6 x .040 x 5/8-1/2*	24 x .100 x 1-3/4*
6 x .032 x 5/8	30 x .125 x 1-3/4
7 x .050 x 5/8-1/2	36 x .200 x 1
8 x .025 x 5/8*	
8 x .032 x 5/8-1/2*	



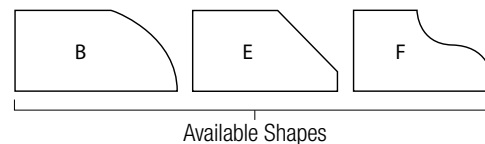
## ▼ profile wheel

## PWR



- Application: Marble, Ceramic, Granite, Hard Porcelain Tile
- Bevel or bull nose marble ceramic granite and porcelain tile and pavers

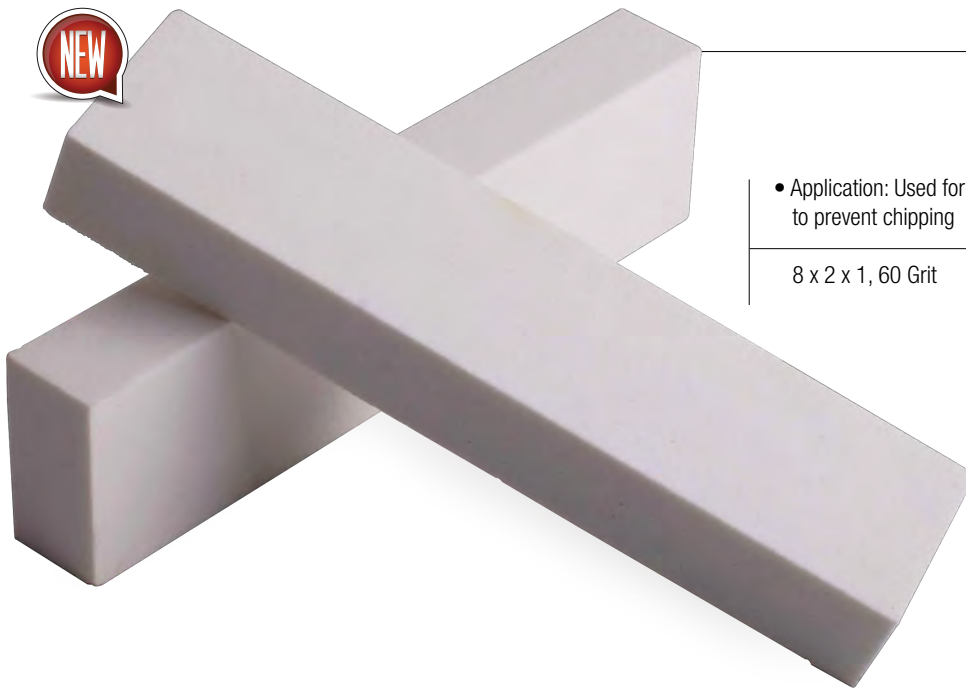
6 x .375 x 5/8, Demi Bullnose Shape B\*  
 6 x .500 x 5/8, Demi Bullnose Shape B  
 8 x .375 x 5/8, Demi Bullnose Shape B  
 8 x .500 x 5/8, Demi Bullnose Shape B  
 6 x .375 x 5/8, Bevel Shape E  
 6 x .500 x 5/8, Bevel Shape E  
 6 x .500 x 5/8, Ogee Shape F



Brazed and Electroplated Profile Wheels are available by special order.

\*normally stocked





DS821



- Application: Used for dressing tile and bridge saw blades to prevent chipping

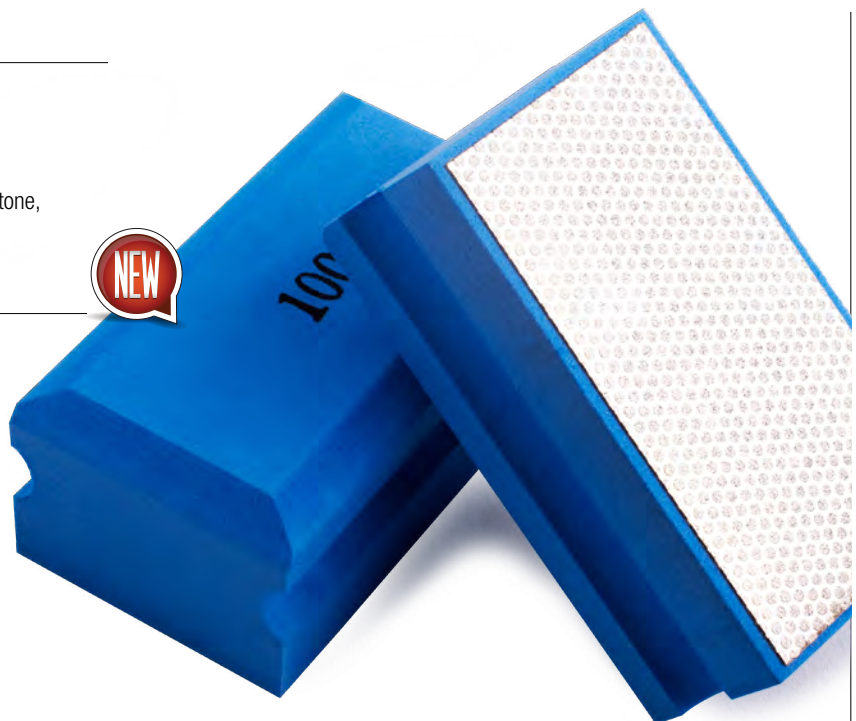
8 x 2 x 1, 60 Grit

HP



- Application: Repairing Natural and Engineered Stone, Edge Polishing Ceramic and Porcelain Tile
- 50-400 Grit, electroplated
- 800-3000 Grit, resin

50 grit\*  
100 grit\*  
200 grit\*  
400 grit\*  
800 grit\*  
1500 grit\*  
3000 grit\*

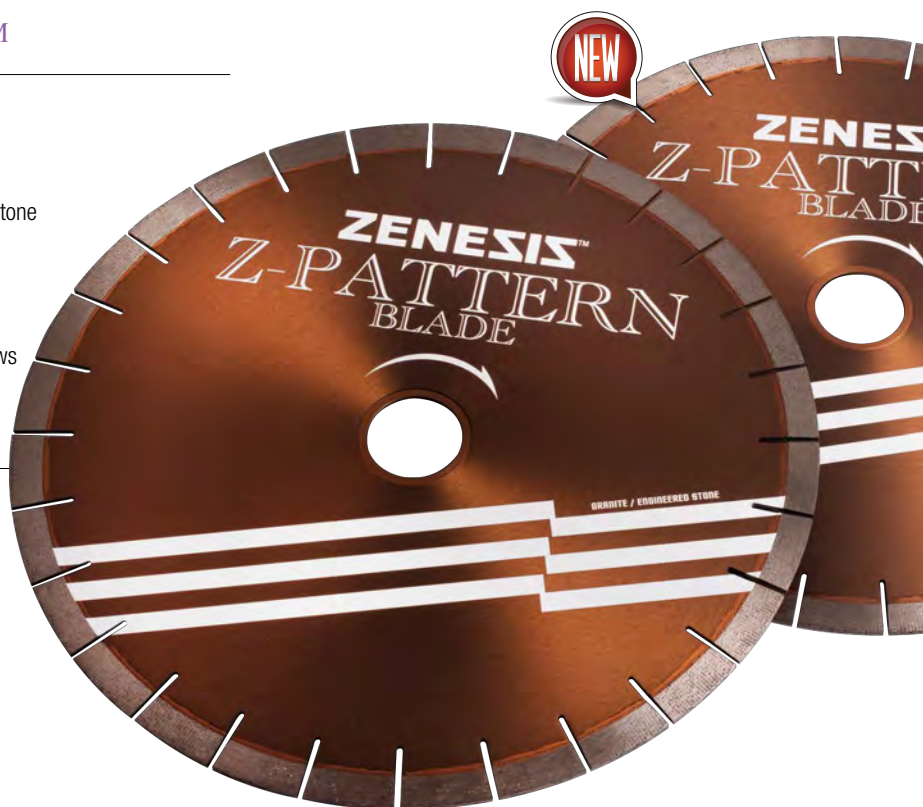


## ZESG ZENESIS™



- Application: Granite, Engineered Stone
- 18mm (.708") segment height
- Available with unique ZENESIS™ pattern diamond technology
- Straight and miter cutting
- Best blade for CNC and ROBO saws
- Performed reliably at feed rates 5-10 feet per minute\*
- **Wet use only**

12 x .125 x 60mm-50mm  
14 x .125 x 60mm-50mm  
16 x .125 x 60mm-50mm  
18 x .125 x 60mm-50mm  
20 x .125 x 60mm-50mm



\*based on reports from actual users.

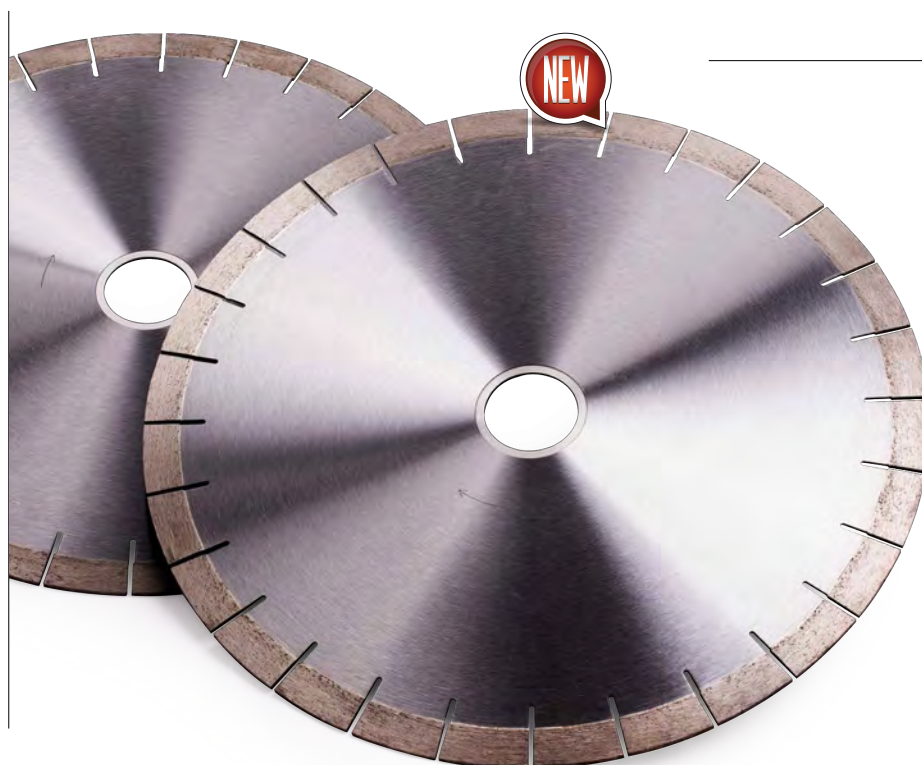
## ▼ bridge saw blade for quartzite

## SGQ SUPREME



- Application: Quartzite, Granite, Engineered Stone
- 20mm (.787") segment height
- Specially formulated softer bond for extremely hard materials like quartzite
- **Wet use only**

12 x .125 x 60mm-50mm  
14 x .125 x 60mm-50mm  
16 x .134 x 60mm-50mm\*  
18 x .155 x 60mm-50mm  
20 x .155 x 60mm-50mm



## QSG20VX(3) SUPREME



- Application: Granite, Quartzite, Engineered Stone
- 20mm (.787") segment height
- Patterned Diamond Blade (4th generation)
- Slanted gullets to keep the blade running cooler

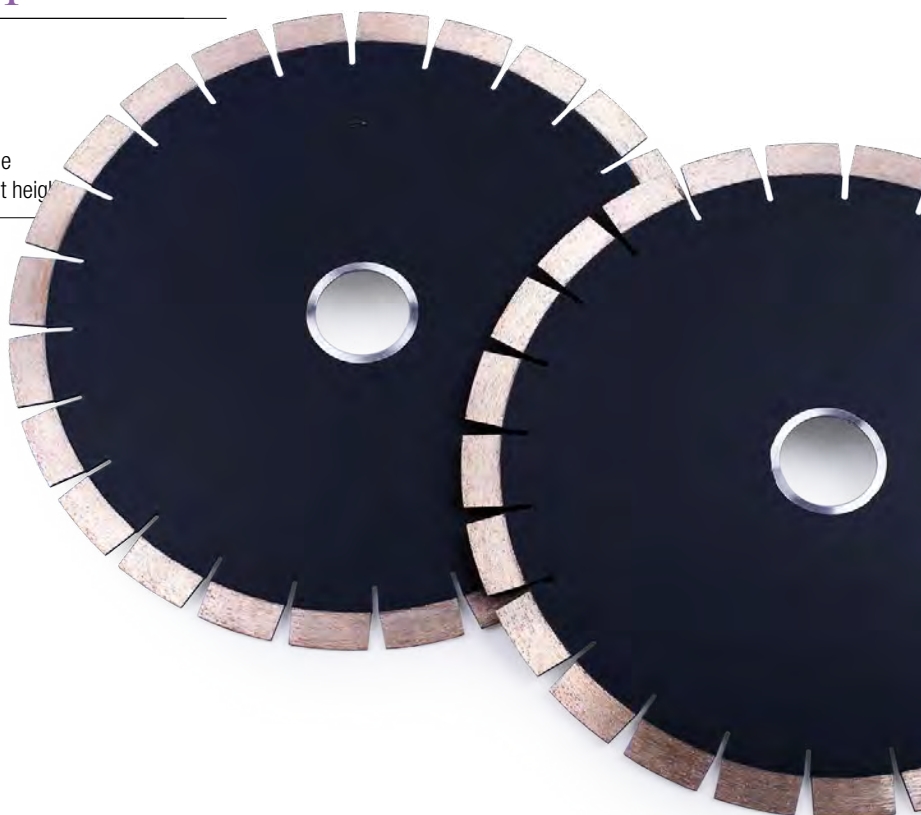
12 x .125 x 60mm-50mm\*  
 14 x .125 x 60mm-50mm\*  
 16 x .125 x 60mm-50mm\*  
 18 x .140 x 60mm-50mm\*  
 20 x .140 x 60mm-50mm

## SGP(0K) PREMIUM



- Application: Granite, Engineered Stone
- 15mm (.590") 20mm (.787) segment height

15mm	14 x .125 x 60mm-50mm
	16 x .125 x 60mm-50mm
	18 x .125 x 60mm-50mm
20mm	14 x .125 x 60mm-50mm
	16 x .125 x 60mm-50mm
	18 x .125 x 60mm-50mm



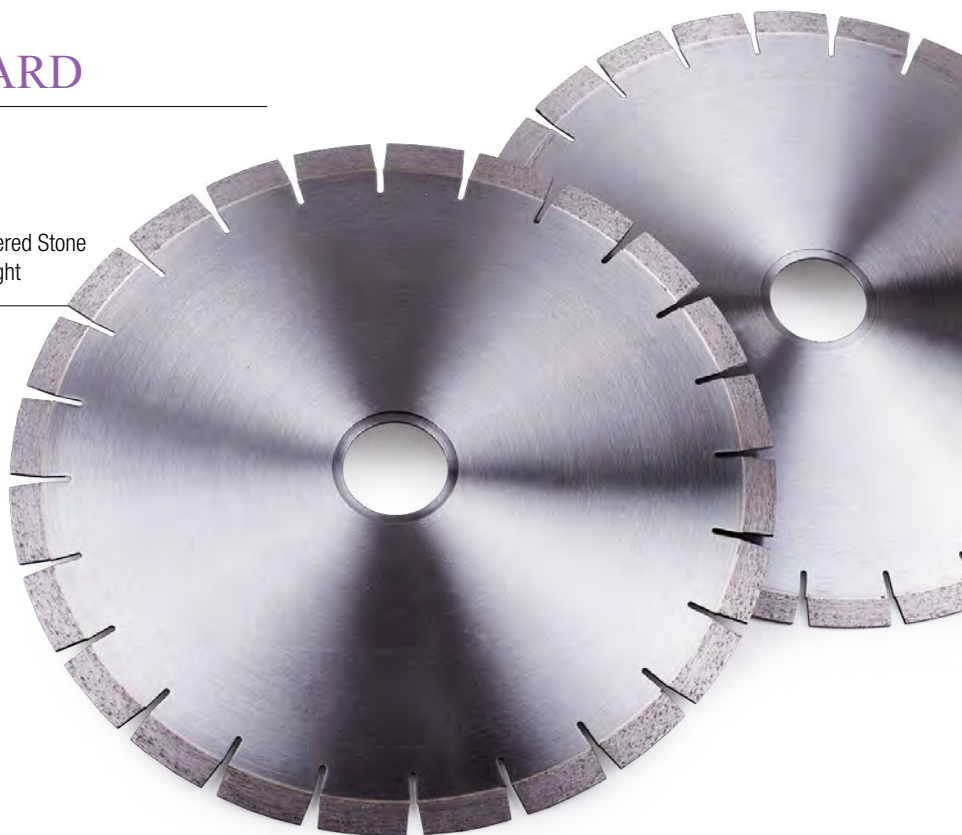


## SGC(2) STANDARD



- Application: Granite, Engineered Stone
- 15mm (.590") segment height

14 x .125 x 60mm-50mm  
16 x .125 x 60mm-50mm  
18 x .125 x 60mm-50mm



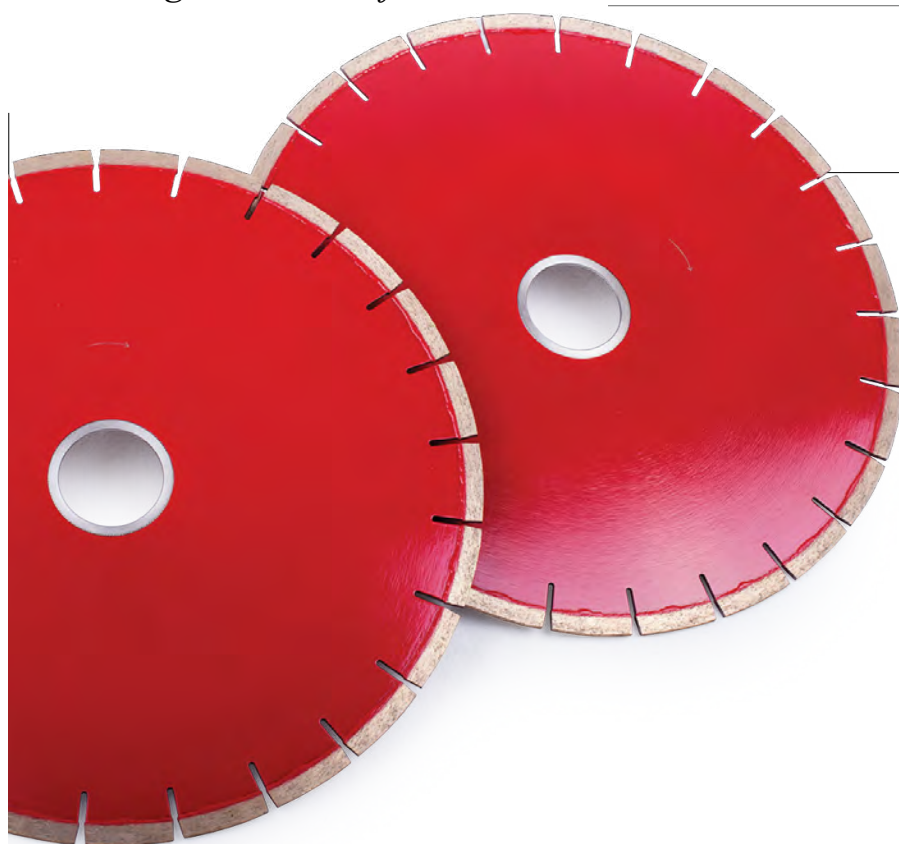
## ▼ *bridge saw blade for marble*

## SMM PREMIUM



- Application: Marble, Limestone
- 10mm (.394") segment height

12 x .125 x 60mm-50mm  
14 x .125 x 60mm-50mm\*  
16 x .125 x 60mm-50mm\*  
18 x .125 x 60mm-50mm\*  
20 x .140 x 60mm-50mm





MWS PREMIUM



- Application: Stone and Concrete Bridge Saw Tables

14" x 1.57" (40mm) x 60mm-50mm

16" x 1.57" (40mm) x 60mm-50mm

▼ *ZENESIS™ turbo blade*

ZRG ZENESIS™



- Application: Granite, Engineered Stone, Quartzite
- 8mm (.315") segment height
- 5 1/4" 10mm (.394") segment height
- New turbo design for fast, clean cuts
- Cooling holes limit overheating
- Quad holes for flush cut adapters
- 5 1/4" Turbo Plus Blade can cut completely through a 3cm slab

4 1/2 x .080 x 7/8-20mm-5/8\*

5 x .080 x 7/8-20mm-5/8\*

5 1/4 x .080 x 7/8-20mm-5/8\*

6 x .095 x 7/8-20mm-5/8\*

7 x .095 x U/A-5/8\*



## ▼ ZENESIS™ z-turbo blade

STONE PRODUCTS

### ZERG ZENESIS™

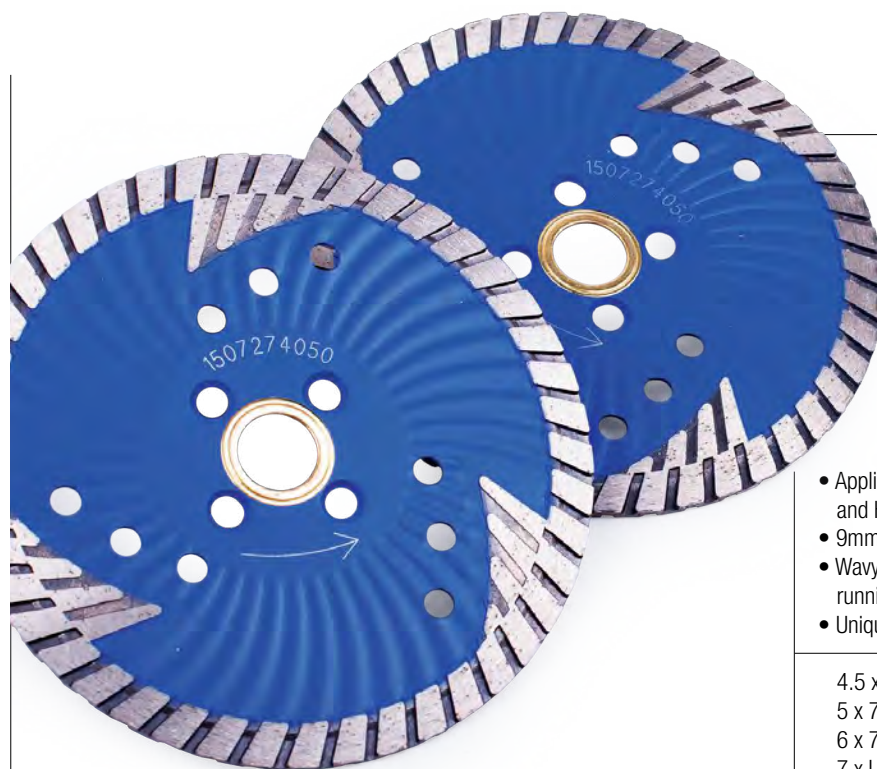


- Application: Granite, Engineered Stone
- 8mm (.315") segment height
- Narrow turbo design reduces chipping

4 1/2 x .080 x 7/8-20mm-5/8  
5 x .080 x 7/8-20mm-5/8  
6 x .095 x 7/8-20mm-5/8  
7 x .095 x 7/8-20mm-5/8



## ▼ tornado wave turbo blade



### RW10V SUPREME



- Application: Granite, Engineered Stone, Quartzite, and Hard Materials
- 9mm (.394") segment height
- Wavy core increases airflow and keeps the blade running cooler
- Unique drop segments for core and segment protection

4.5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
6 x 7/8-20mm-5/8, w/4 ph flush cut\*  
7 x UA-7/8-5/8\*



## RG10S(2) SUPREME



- Application: Granite, Engineered Stone, Quartzite, and Hard Materials
- 8mm (.315") segment height
- Flange available, sold separately

4.5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 6 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 7 x UA-7/8-5/8\*



Flush Cut Adaptor available, sold separately

## RG10P PREMIUM

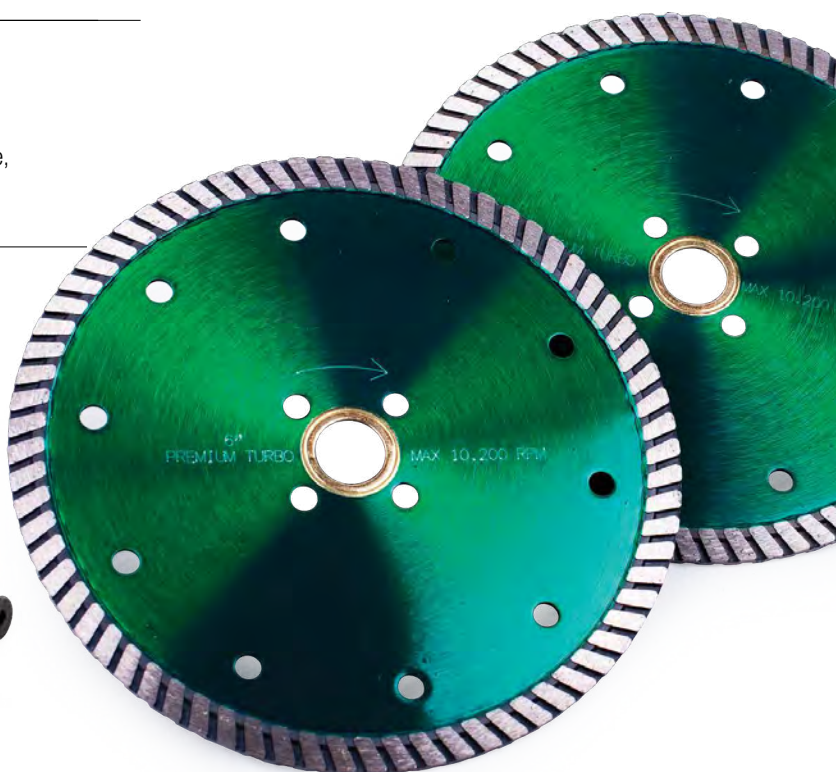


- Application: Granite, Engineered Stone, Quartzite, and Hard Materials
- 8mm (.315") segment height

4.5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 6 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 7 x UA-7/8-5/8\*



Flush Cut Adaptor available, sold separately



## RG10N STANDARD



- Application: Granite, Engineered Stone
- 8mm (.315") segment height
- Fast, clean cuts on hard granite and engineered stone

4 x .087 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 4.5 x .087 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 5 x .087 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 6 x .095 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 7 x .095 x 7/8-20mm-5/8, w/4 ph flush cut\*



Flush Cut Adaptor available, sold separately



## RG10M STANDARD

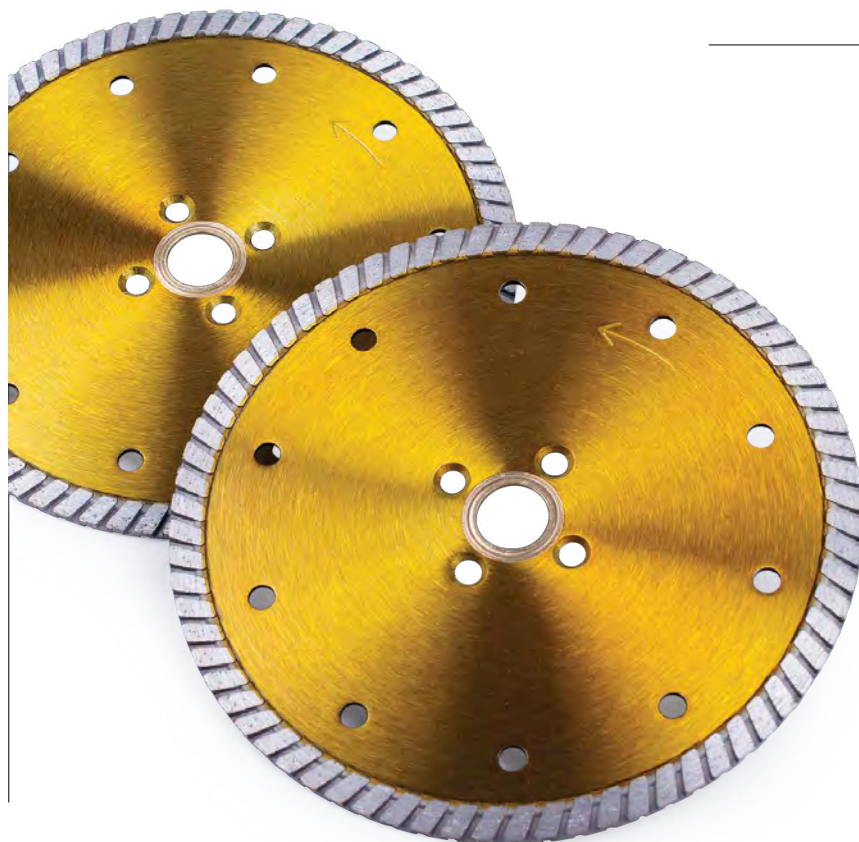


- Application: Granite, Engineered Stone, and Hard Materials
- 8mm (.315") segment height

4 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 4.5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 5 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 6 x 7/8-20mm-5/8, w/4 ph flush cut\*  
 7 x UA-7/8-5/8\*



Flush Cut Adaptor available, sold separately





▼ *segmented contour blade*



CVTP PREMIUM



- Application: All Natural Stone
- 6.5mm (.255") segment height
- Unique contour core allows radius and circle cutting in all natural stones
- Great for cutting sink openings

4.5 x .150 x 7/8-5/8  
5 x 7/8-5/8\*



▼ *turbo rim contour blade*

CVCP PREMIUM



- Application: All Natural Stone
- 6.5mm (.255") segment height
- Unique contour core allows radius and circle cutting in all natural stones
- Great for cutting sink openings

5 x 7/8-5/8\*





## EPCV PREMIUM



- Application: Marble, Porcelain Tile, Ceramic Tile
- Unique contour core allows radius and circle cutting in delicate materials like marble, porcelain and ceramic tile

5 x .098 x 7/8



## ▼ *rodding blade*



## PG10V PREMIUM



- Application: All Natural Stone
- 10mm (.394") segment height
- 3.3" diameter will not go through the face of the stone
- 1/8" wide blade is for 1/8" rodding material
- 1/4" wide blade is for 3/16" and 1/4" rodding material

3.3 x 1/8 x 7/8-5/8\*  
3.3 x 1/4 x 7/8-5/8



## MEB PREMIUM



- Application: Marble, Tile
- 2mm (.078") segment height

4.5 x 7/8-20mm-5/8  
5 x 7/8-20mm-5/8\*  
7 x D-5/8

## MEBX PREMIUM



- For cutting marble, limestone, and other soft stone. Equipped with side abrasive coating.
- Designed for fast and clean cuts. Comes with flush mount holes.

4.5" x .102 x 7/8, w/4 ph flush cut  
5" x .102 x 7/8, w/4 ph flush cut  
6" x .102 x 7/8, w/4 ph flush cut  
7" x .102 x 7/8, w/4 ph flush cut

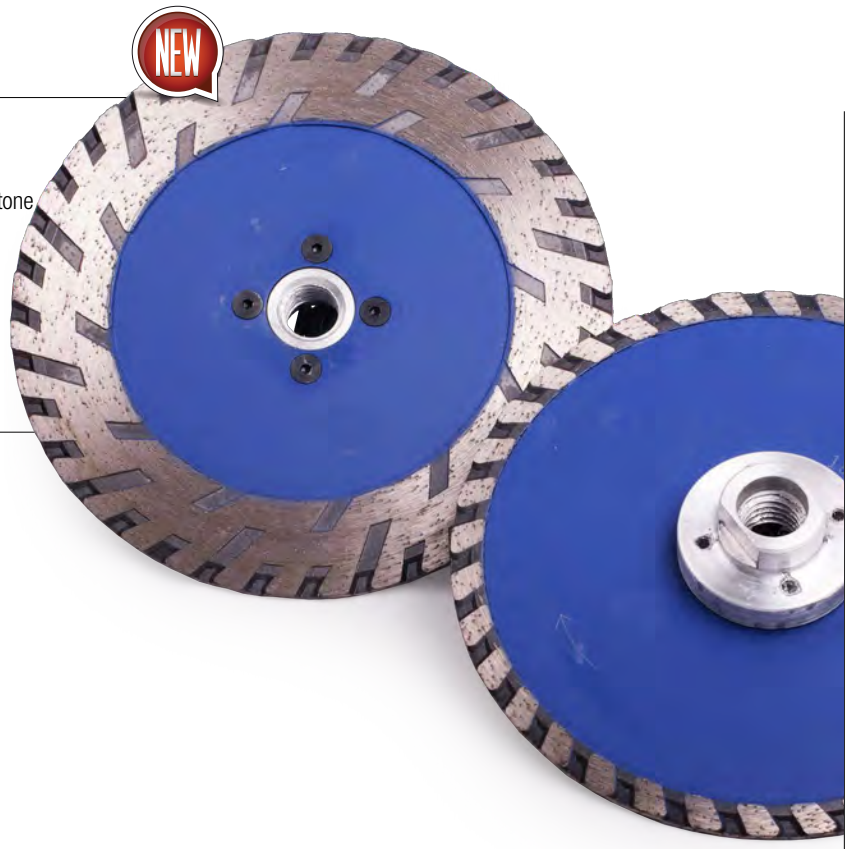


## RCG PREMIUM



- Application: All Natural Stone, Engineered Stone
- Cut and grind with one blade
- With or without flush cut adaptor
- This unique 2-in-1 blade is the ultimate stone installer's tool
- Cuts and grinds the hardest materials like granite, engineered stone, flagstone, and concrete pavers with ease!

4 x .100 x 7/8  
 4 1/2 x .100 x 7/8\*  
 5 x .100 x 7/8\*  
 6 x .100 x 7/8\*  
 7 x .100 x 7/8



## ▼ ZENESIS™ core bit



### ZD GUL ZENESIS™



- Application: Granite, Engineered Stone
- All-new design for enhanced performance
- 8mm (.315") segment height
- Offset segments provide segment and weld protection
- Brazed diamonds on the outside of the barrel prevent the bit from binding in the hole
- Brazed diamonds on the inside of the barrel make it easy to remove the plug.

1 1/4 x .125 x 5/8-11  
 1 3/8 x .125 x 5/8-11  
 1 1/2 x .125 x 5/8-11  
 2 x .125 x 5/8-11  
 2 1/4 x .125 x 5/8-11  
 2 1/2 x .125 x 5/8-11  
 3 x .125 x 5/8-11



## DGUL(BSL) PREMIUM



- Application: All Natural Stone
- 8mm (.315") segment height
- Side protection
- Brazed diamonds on the outside of the barrel prevent the bit from binding in the hole
- Brazed diamonds on the inside of the barrel make it easy to remove the plug.

1 x 5/8-11 (25mm)\*  
 1 1/4 x 5/8-11 (32mm)\*  
 1 3/8 x 5/8-11 (35mm)\*  
 1 1/2 x 5/8-11 (38mm)\*  
 1 3/4 x 5/8-11 (44mm)\*  
 2 x 5/8-11 (51mm)\*  
 2 1/4 x 5/8-11 (57mm)\*  
 2 1/2 x 5/8-11 (62mm)\*  
 3 x 5/8-11 (75mm)\*

## ▼ ZENESIS™ z- core core bit

## ZEDPGL ZENESIS™



- Application: Granite, Engineered Stone
- Engineered for maximum performance on granite and engineered stone
- Can be used wet or dry
- 8mm (.315") segment height
- Brazed diamonds on the outside of the barrel to prevent the bit from binding in the hole.
- Brazed diamonds on the inside of the barrel make it easy to remove the plug.

1 1/4 x .125 x 5/8-11  
 1 3/8 x .125 x 5/8-11  
 1 1/2 x .125 x 5/8-11  
 2 x .125 x 5/8-11  
 2 1/4 x .125 x 5/8-11  
 2 1/2 x .125 x 5/8-11  
 3 x .125 x 5/8-11



## DGPL(BSL) PREMIUM



- Application: All Natural Stone
- 8mm (.315") segment height
- Side protection
- Brazed diamonds on the outside of the barrel to prevent the bit from binding in the hole
- Brazed diamonds on the inside of the barrel make it easy to remove the plug.

1 x 5/8-11 (25mm)\*  
 1 1/4 x 5/8-11 (32mm)\*  
 1 3/8 x 5/8-11 (35mm)\*  
 1 1/2 x 5/8-11 (38mm)\*  
 1 3/4 x 5/8-11 (44mm)\*  
 2 x 5/8-11 (51mm)\*



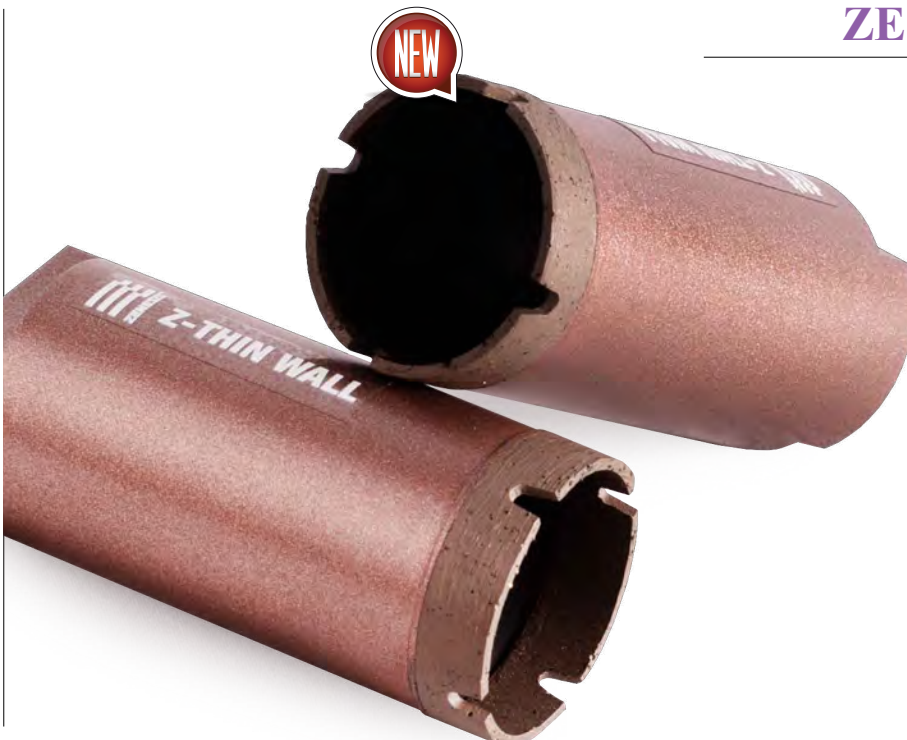
## ▼ *ZENESIS™ z-thin wall core bit*

### ZETWCB ZENESIS™



- Application: All Natural Stone, Engineered Stone, Porcelain
- Thin wall provides fast cutting
- Designed to minimize chipping
- Wet use only
- 9.5mm (.374") segment height

3/4 x 5/8-11  
 1 x 5/8-11  
 1 1/8 x 5/8-11  
 1 1/4 x 5/8-11  
 1 3/8 x 5/8-11  
 1 1/2 x 5/8-11  
 1 3/4 x 5/8-11



## TWCB(B) PREMIUM



- Application: All Natural Stone, Tile
- 9.5mm (.374") segment height

3/4 x 5/8-11 (19mm)\*  
 1 x 5/8-11 (25mm)\*  
 1 1/8 x 5/8-11 (28mm)  
 1 1/4 x 5/8-11 (32mm)  
 1 3/8 x 5/8-11 (35mm)\*  
 1 1/2 x 5/8-11 (38mm)\*  
 1 3/4 x 5/8-11 (44mm)\*  
 2 x 5/8-11 (51mm)\*  
 2 3/8 x 5/8-11 (60mm)  
 2 5/8 x 5/8-11 (67mm)  
 3 x 5/8-11 (75mm)  
 4 x 5/8-11 (100mm)  
 4 3/4 x 5/8-11 (120mm)

▼ *wet thin core bits, 1/2 gas*

## TWCB(R) PREMIUM



- Application: All Natural Stone, Porcelain Tile
- 8.5mm (.374") segment height
- 1/2 gas male arbor for CNC routers and CNC saws

1 x 1/2 Gas (25mm)  
 1 1/4 x 1/2 Gas (32mm)  
 1 3/8 x 1/2 Gas (35mm)  
 1 1/2 x 1/2 Gas (38mm)  
 2 x 1/2 Gas (51mm)





## PD PREMIUM



- Application: All Natural Stone
- 7mm (.275") segment height
- **Wet Drilling Only**

3/16 x 5/8-11  
 1/4 x 5/8-11\*  
 3/8 x 5/8-11\*  
 1/2 x 5/8-11

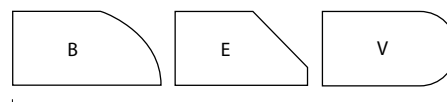
▼ *grinder router bits*

## FWB PREMIUM



- Application: All Natural Stone, Tile, Masonry
- Grinder router bits have a female 5/8" arbor that threads onto any grinder to profile marble, porcelain, block and granite. Each bit has 2 independent steel (not plastic) bearings so they can be run wet or dry. The shaping is done with high quality, large particulate diamonds that are brazed to the body of the bit. Top quality components equal top quality performance!

3/4 Radius x 5/8-11  
 3/8 Radius x 5/8-11  
 30mm Bullnose x 5/8-11  
 1" Radius x 5/8-11  
 1/2" Bevel x 5/8-11  
 25mm x 5/8-11



Available Shapes

## ▼ ZENESIS™ resin cup wheel

### ZCSRG ZENESIS™



- Application: All Natural Stone, Engineered Stone
- Very highest quality of diamonds, metal and resin outperforms all competition.
- Unique segment and resin design filled for continuous surface
- Each cup is precision balanced to eliminate vibration and chipping
- Available in coarse, medium, and fine
- Eliminates need for dangerous silicon carbide wheels
- Best cup wheel for flat grinding.

4 x 5/8-11, Fine 120/140 Grit\*  
 4 x 5/8-11, Medium 80/100 Grit\*  
 4 x 5/8-11, Coarse 50/60 Grit\*



## ▼ flat turbo rim cup wheel

### CRG(B) PREMIUM



- Application: All Natural Stone
- 5mm (.196") segment height

4 x 5/8-11, coarse\*  
 4 x 5/8-11, medium\*  
 4 x 5/8-11, fine\*  
 5 x 5/8-11, coarse\*  
 5 x 5/8-11, medium\*  
 5 x 5/8-11, fine\*  
 6 x 5/8-11, coarse  
 6 x 5/8-11, medium  
 7 x 5/8-11, coarse\*  
 7 x 5/8-11, medium\*

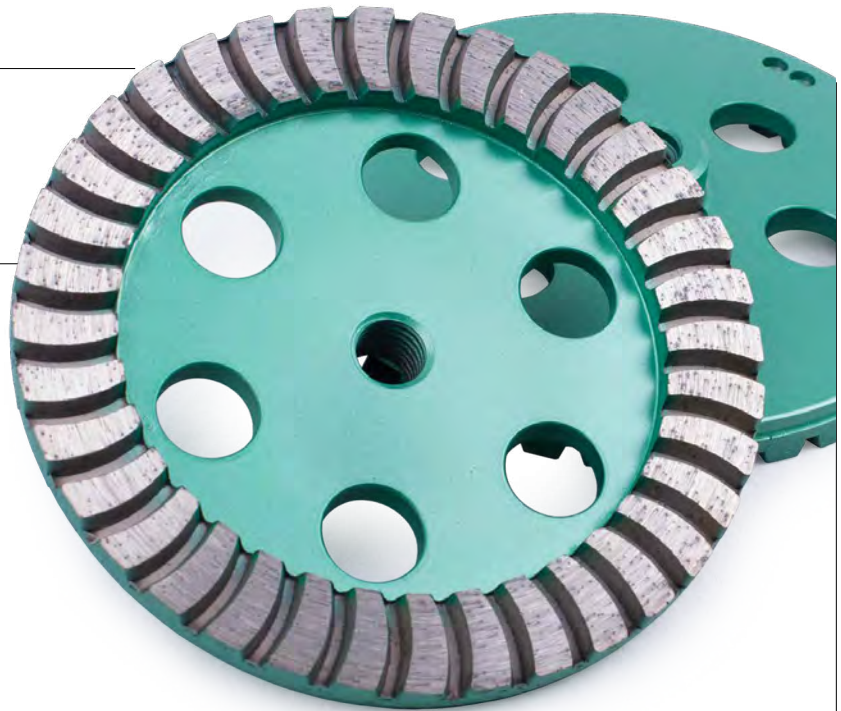


## CRM PREMIUM



- Application: All Natural Stone
- 10mm (.394") segment height

6 x 5/8-11, coarse\*



## ▼ 6 step system

## CSN30P PREMIUM

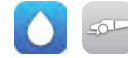


- Application: All Natural Stone
- Designed for radius polishing on machines that require 4" snail lock backed tools.
- Position 1 - Coarse metal bond for shaping material with a Snail lock back.
- Position 2 - Medium metal bond to prepare material for polishing with a Snail lock back.
- Position 3 - Coarse resin bond to sand the material with a VELCRO® back.
- Position 4 - Medium resin bond to hone the material with VELCRO® back.
- Position 5 - Fine resin bond to polish the material with VELCRO® back.
- Position 6 - Buff resin bond for darker materials with VELCRO® back.
- 5/8-11 female adaptor to 4" snail lock female adaptor available
- Adaptor VELCRO® to 4" snail lock (thicker version to match height of metal bond) available

4" x Snail Lock, Pos. 1 (coarse)  
 4" x Snail Lock, Pos. 2 (medium)  
 4" x VELCRO®, Pos. 3 (resin)  
 4" x VELCRO®, Pos. 4 (resin)  
 4" x VELCRO®, Pos. 5 (resin)  
 4" x VELCRO®, Pos. 6 (resin)



## ASFM



- Application: All Natural Stone, Engineered Stone
- 5" and 6" snail lock backed pads for flat polishing of engineered and natural stone on automated polishing machines.
- Soft bond requires minimum pressure to achieve perfect shine.
- White resin will not bleed or stain stone
- Polishes all engineered stones in a single pass, light or dark.
- Unique resin pattern evenly distributes water to prevent burning.
- Extra thick pad gives very long life.
- Recommended RPM 2000

5", 50 Grit	6", 50 Grit
5", 100 Grit	6", 100 Grit
5", 200 Grit	6", 200 Grit
5", 400 Grit	6", 400 Grit
5", 800 Grit	6", 800 Grit
5", 1500 Grit	6", 1500 Grit
5", 3000 Grit	6", 3000 Grit

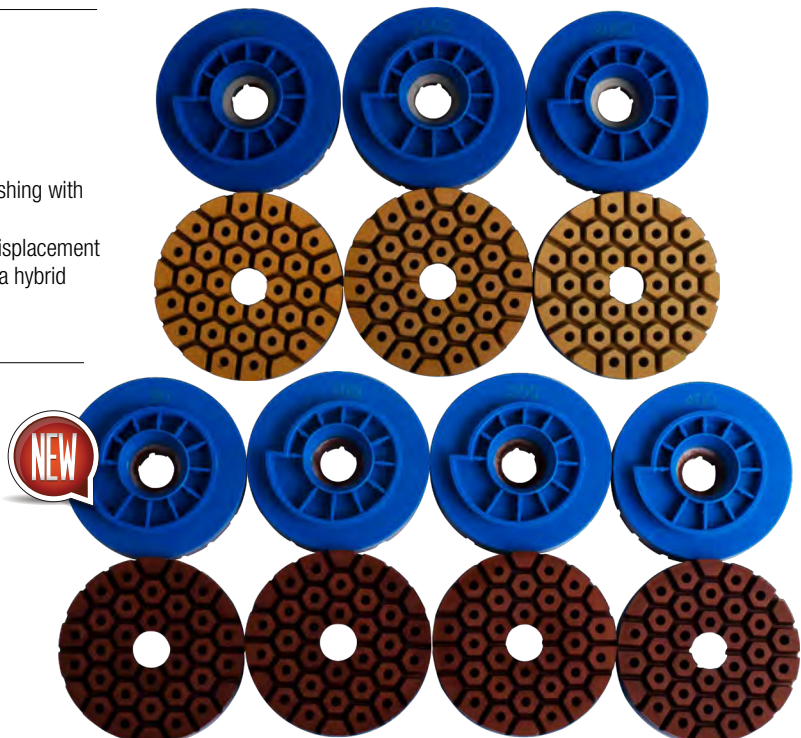
▼ *hybrid flat snail lock pads*

## FERC/FERR



- Application: Flat polishing on All Natural Stone, Engineered Stone
- These pads are specifically designed for flat polishing with machines that require 4" snail lock tools.
- Unique honeycomb design gives perfect water displacement
- The 50, 100, 200, and 400 grits are made with a hybrid copper bond that gives long life and speed.
- The 800, 1500, and 3000 leave a mirror finish

4 x .315 x Snail Lock, 50 Grit  
 4 x .315 x Snail Lock, 100 Grit  
 4 x .315 x Snail Lock, 200 Grit  
 4 x .315 x Snail Lock, 400 Grit  
 4 x .315 x Snail Lock, 800 Grit  
 4 x .315 x Snail Lock, 1500 Grit  
 4 x .315 x Snail Lock, 3000 Grit



## AB



- Application: All Natural Stone
- Diamond impregnated diamond wire bristles erode the softer part of the stone to create a 3-dimensional texture

low hone finish	4", 24 Grit
	4", 36 Grit
	4", 46 Grit
	4", 60 Grit
	4", 80 Grit
high hone finish	4", 120 Grit
	4", 180 Grit
	4", 240 Grit
	4", 320 Grit
	4", 400 Grit
high polish finish	4", 500 Grit
	4", 600 Grit
	4", 800 Grit
	4", 1000 Grit
	4", 1200 Grit
	4", 1500 Grit
	4", 1800 Grit
	4", 2000 Grit



## ▼ *ZENESIS™ polishing pads*

### ZASHP ZENESIS™



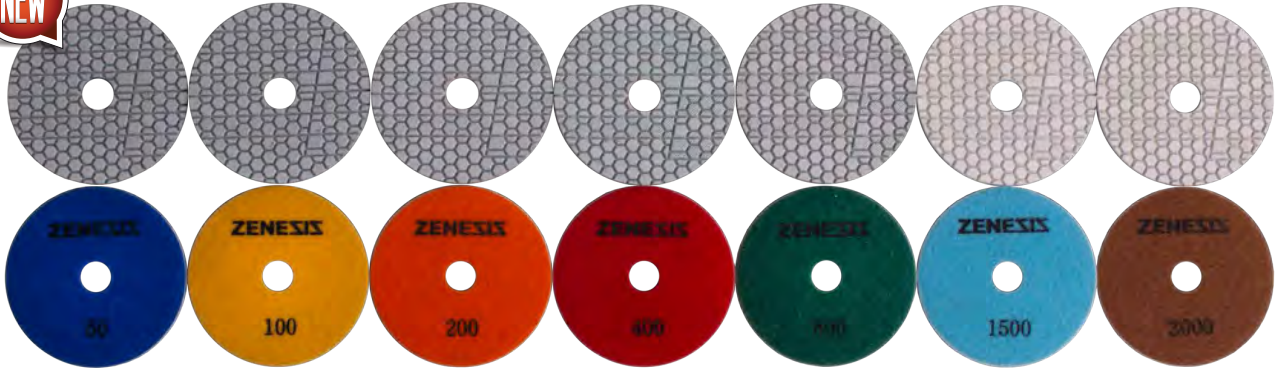
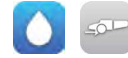
- Application: All Natural Stone, Engineered Stone
- Our highest scoring pad on gloss meter

4 x 2.8mm x 5/8, 50 Grit, Blue Backing  
 4 x 2.8mm x 5/8, 100 Grit, Yellow Backing  
 4 x 2.8mm x 5/8, 200 Grit, Orange Backing  
 4 x 2.8mm x 5/8, 400 Grit, Red Backing  
 4 x 2.8mm x 5/8, 800 Grit, Green Backing  
 4 x 2.8mm x 5/8, 1500 Grit, Light Blue Backing  
 4 x 2.8mm x 5/8, 3000 Grit, Brown Backing



## ▼ ZENESIS™ 7 step polishing pads

### ZASHP ZENESIS™



- Application: All Engineered Stone, All natural stone, Light and Dark colored Quartz

4" x 3.0mm x 5/8", 50 Grit, Blue Backing  
 4" x 3.0mm x 5/8", 100 Grit, Yellow Backing  
 4" x 3.0mm x 5/8", 200 Grit, Orange Backing  
 4" x 3.0mm x 5/8", 400 Grit, Red Backing

4" x 3.0mm x 5/8", 800 Grit, Green Backing  
 4" x 3.0mm x 5/8", 1500 Grit, Light Blue Backing  
 4" x 3.0mm x 5/8", 3000 Grit, Brown Backing

## ▼ ZENESIS™ 3 step polishing pads

### ZASHP ZENESIS™



- Application: All Engineered Stone, All natural stone, Light and Dark colored Quartz

4" x 3.0mm x 5/8", POS 0, Black Backing  
 4" x 3.0mm x 5/8", POS 1, Blue Backing  
 4" x 3.0mm x 5/8", POS 2, Yellow Backing  
 4" x 3.0mm x 5/8", POS 3, Orange Backing

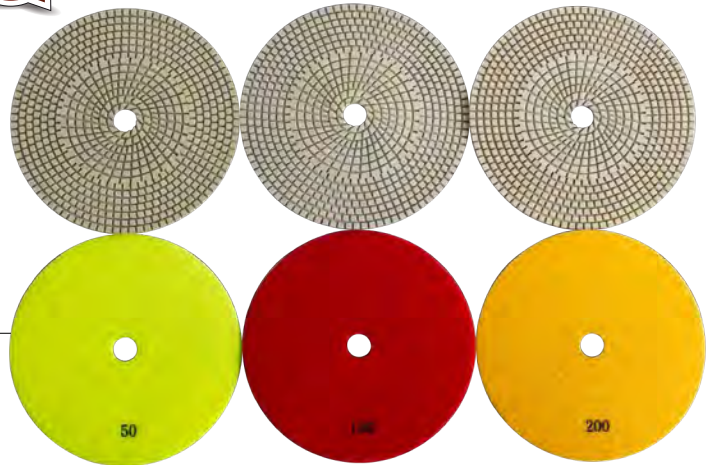


## ASHSR PREMIUM

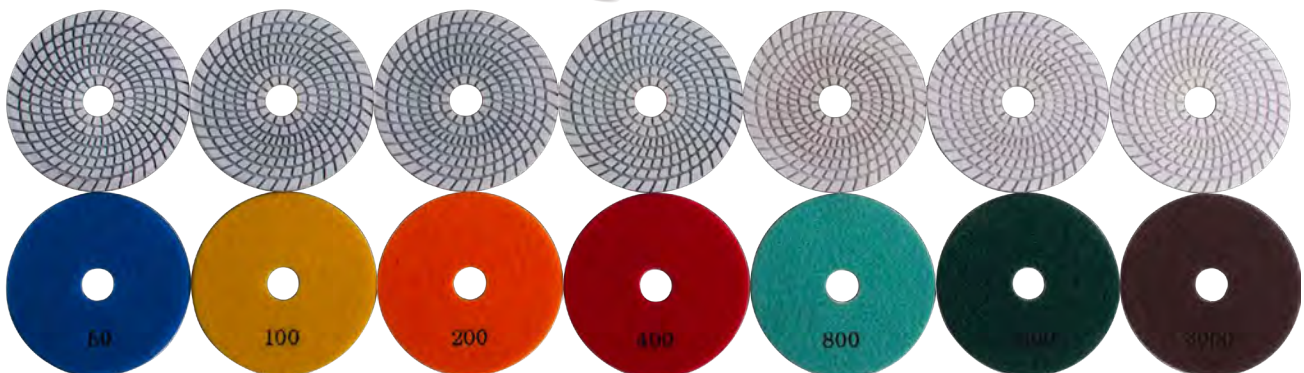


- Application: Porcelain, All Natural Stone
- These 7" pads are the first resin pad made specifically for the hardscape industry.
- 3mm thick resin for long life.
- Premium grade materials for fast removal.
- Non colored resin leaves no stains or bleeding into plaster.

7 x 5/8, 50 Grit  
7 x 5/8, 100 Grit  
7 x 5/8, 200 Grit

▼ *white resin polishing pads*

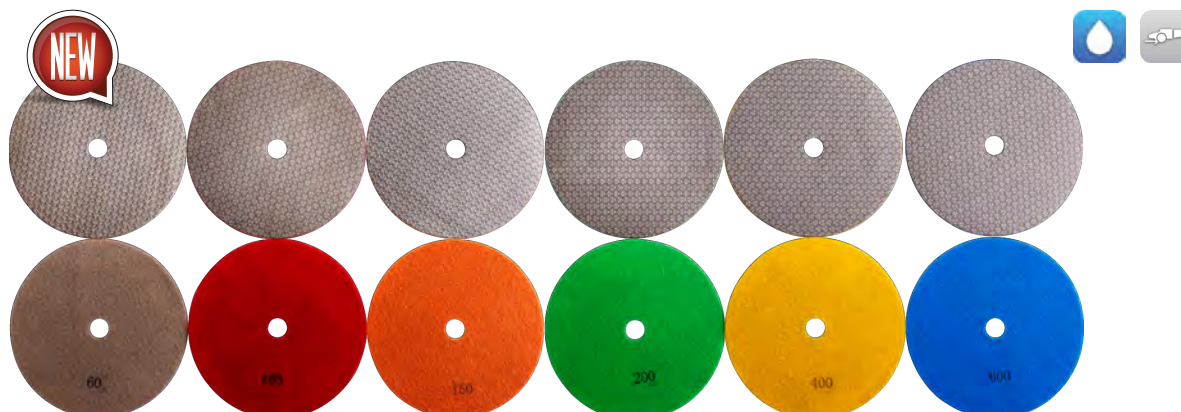
## EPPE PREMIUM



- Application: All Natural Stone, Engineered Stone, Glass, Porcelain
- Special hybrid soft bond designed for high resin content engineered stone
- 2.4mm Pad Thickness

4 x 5/8, 50 Grit  
4 x 5/8, 100 Grit  
4 x 5/8, 200 Grit  
4 x 5/8, 400 Grit  
4 x 5/8, 800 Grit  
4 x 5/8, 1500 Grit  
4 x 5/8, 3000 Grit

## EPSP(2) PREMIUM



- Application: Marble, Concrete Counter tops, Swimming Pool Interiors
- Shaping and sanding soft materials like marble and pool plaster.
- Available in 5", 7" and 9"
- 0.7mm Pad Thickness

5", Flexible, w/ 20mm arbor, 60 Grit  
 5", Flexible, w/ 20mm arbor, 100 Grit  
 5", Flexible, w/ 20mm arbor, 150 Grit  
 5", Flexible, w/ 20mm arbor, 200 Grit  
 5", Flexible, w/ 20mm arbor, 400 Grit  
 5", Flexible, w/ 20mm arbor, 600 Grit

7", Flexible, w/ 20mm arbor, 60 Grit  
 7", Flexible, w/ 20mm arbor, 100 Grit  
 7", Flexible, w/ 20mm arbor, 150 Grit  
 7", Flexible, w/ 20mm arbor, 200 Grit  
 7", Flexible, w/ 20mm arbor, 400 Grit  
 7", Flexible, w/ 20mm arbor, 600 Grit

9", Flexible, w/ 20mm arbor, 60 Grit  
 9", Flexible, w/ 20mm arbor, 100 Grit  
 9", Flexible, w/ 20mm arbor, 150 Grit  
 9", Flexible, w/ 20mm arbor, 200 Grit  
 9", Flexible, w/ 20mm arbor, 400 Grit  
 9", Flexible, w/ 20mm arbor, 600 Grit

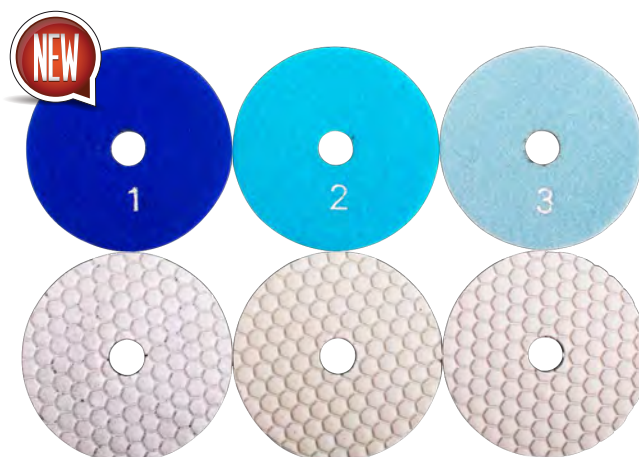
▼ *hybrid polishing pads, 3 step*

## ASHT PREMIUM

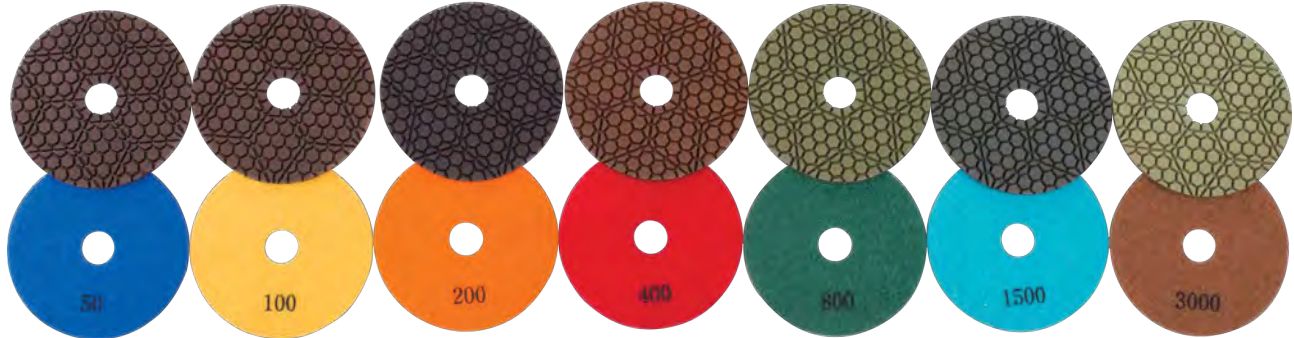


- Application: All Natural Stone, Porcelain Tile
- 1.8mm Pad Thickness
- Step 1 sands the material
- Step 2 hones the material
- Step 3 polishes the material

4 x 5/8, Pos. 1  
 4 x 5/8, Pos. 2  
 4 x 5/8, Pos. 3



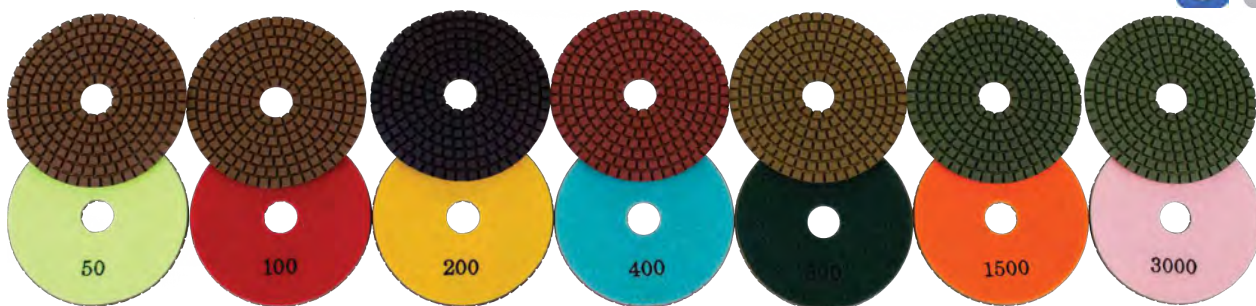
## ASHP(2) PREMIUM



- Application: All Natural Stone
- 2.8mm Pad Thickness

4 x 5/8, 50 Grit*	5 x 5/8, 50 Grit
4 x 5/8, 100 Grit*	5 x 5/8, 100 Grit
4 x 5/8, 200 Grit*	5 x 5/8, 200 Grit
4 x 5/8, 400 Grit*	5 x 5/8, 400 Grit
4 x 5/8, 800 Grit*	5 x 5/8, 800 Grit
4 x 5/8, 1500 Grit*	5 x 5/8, 1500 Grit
4 x 5/8, 3000 Grit*	5 x 5/8, 3000 Grit

## ASHC(2) STANDARD

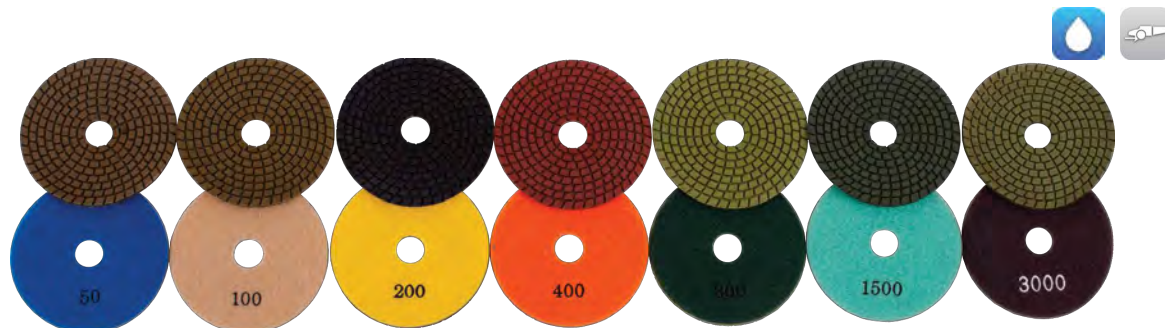


- Application: All Natural Stone
- 2.8mm Pad Thickness

3 x 5/8, 50 Grit	4 x 5/8, 50 Grit	5 x 5/8, 50 Grit*
3 x 5/8, 100 Grit	4 x 5/8, 100 Grit	5 x 5/8, 100 Grit*
3 x 5/8, 200 Grit	4 x 5/8, 200 Grit	5 x 5/8, 200 Grit*
3 x 5/8, 400 Grit	4 x 5/8, 400 Grit	5 x 5/8, 400 Grit*
3 x 5/8, 800 Grit	4 x 5/8, 800 Grit*	5 x 5/8, 800 Grit*
3 x 5/8, 1500 Grit	4 x 5/8, 1500 Grit*	5 x 5/8, 1500 Grit*
3 x 5/8, 3000 Grit	4 x 5/8, 3000 Grit*	5 x 5/8, 3000 Grit*



## ASHE ECONOMY



- Application: All Natural Stone
- 2.8mm Pad Thickness

4 x 5/8, 50 Grit\*  
 4 x 5/8, 100 Grit\*  
 4 x 5/8, 200 Grit\*  
 4 x 5/8, 400 Grit\*  
 4 x 5/8, 800 Grit\*  
 4 x 5/8, 1500 Grit\*  
 4 x 5/8, 3000 Grit\*  
 4 x 5/8, black buff\*  
 4 x 5/8, white buff\*

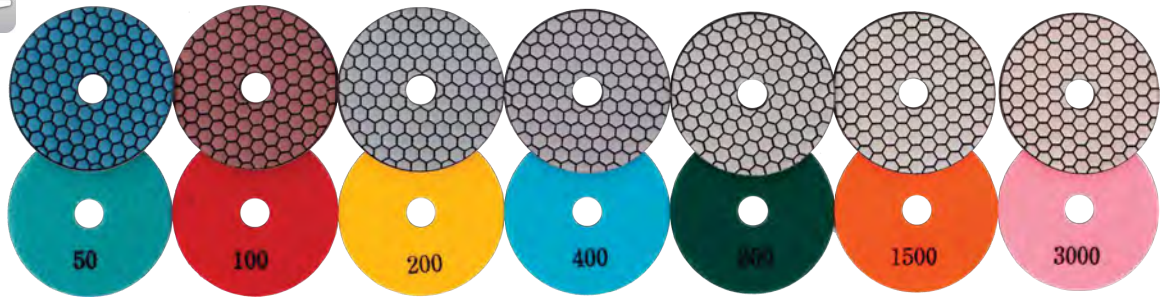
## EPPM PREMIUM



- Application: All Natural Stone
- Copper bond polishing pads are more aggressive and last longer than resin only pads
- 2.8mm Pad Thickness

4 x 5/8, 50 Grit  
 4 x 5/8, 80 Grit  
 4 x 5/8, 150 Grit  
 4 x 5/8, 300 Grit  
 4 x 5/8, 500 Grit

## EPPD(2) STANDARD

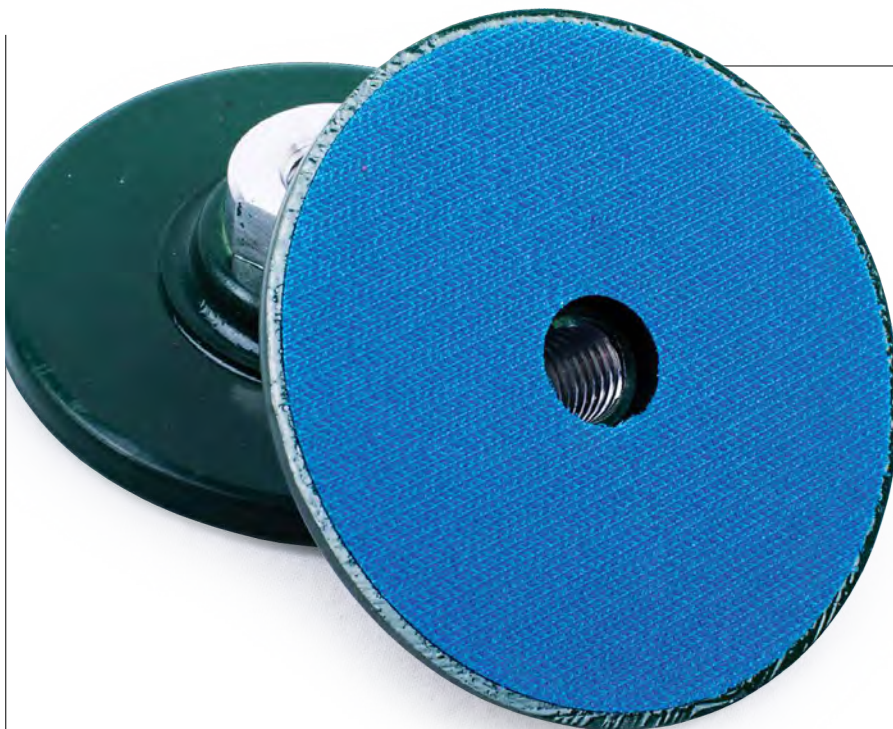


- Application: All Natural Stone, Glass Tile
- Ceramic bond has higher heat tolerance than resin bond pads
- 1.5mm Pad Thickness

4 x 5/8, 50 Grit\*  
 4 x 5/8, 100 Grit\*  
 4 x 5/8, 200 Grit\*  
 4 x 5/8, 400 Grit\*  
 4 x 5/8, 800 Grit\*  
 4 x 5/8, 1500 Grit\*  
 4 x 5/8, 3000 Grit\*

## ▼ *flexible backing pads, single layered flat*

AZZ



- Application: All Natural Stone

3 x 5/8-11\*  
 4 x 5/8-11\*  
 5 x 5/8-11\*  
 7 x 5/8-11\*



▼ *flexible backing pads, double layered dome*



AZZ(N)



- Application: All Natural Stone

3 x 5/8-11  
4 x 5/8-11\*  
5 x 5/8-11\*

▼ *rigid backing pads, single layered flat*

AZR



- Application: All Natural Stone

4 x 5/8-11\*  
5 x 5/8-11



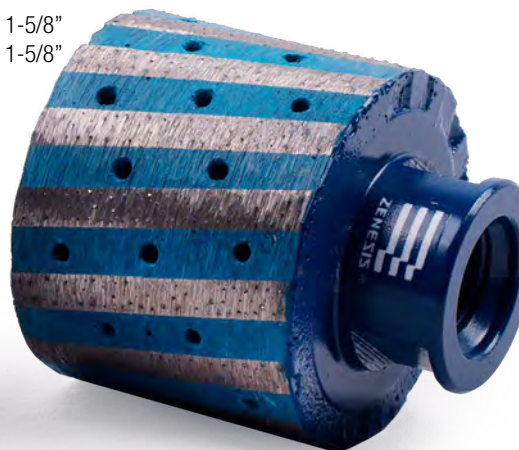


## ZGDSC ZENESIS™



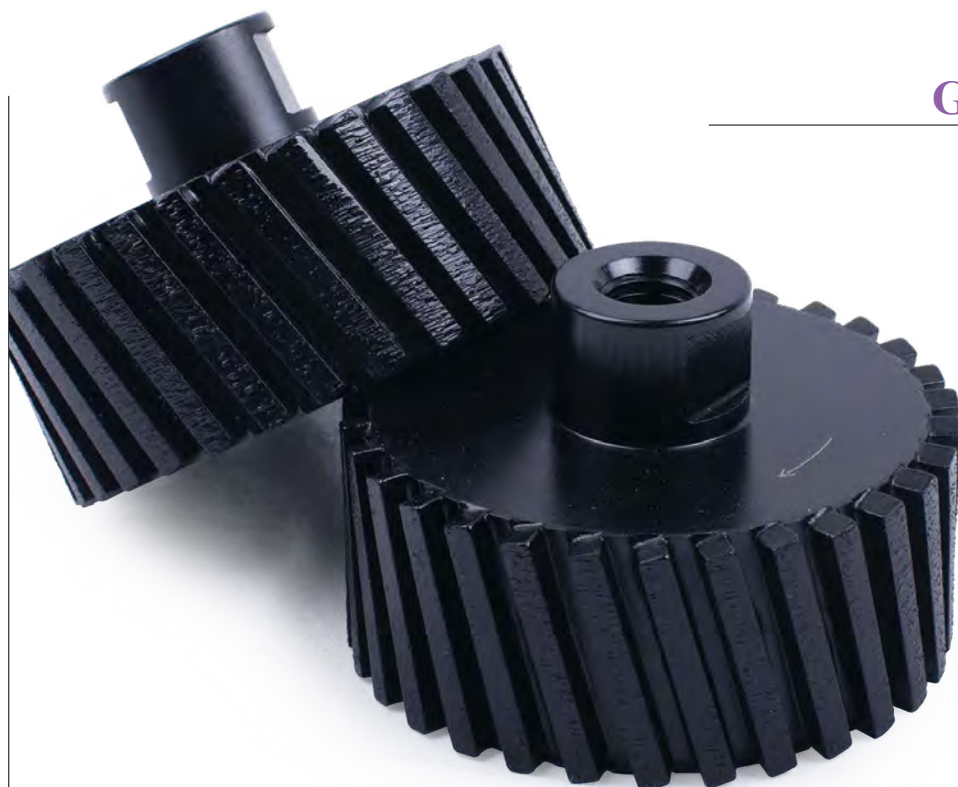
- Application: Granite, Engineered Stone
- 5/8"-11 Thread
- Grinds granite and engineered stone
- Most often used for vertical grinding in sink openings and interior radius
- Can be used wet or dry

2" x 1-5/8"  
3" x 1-5/8"



## ▼ zero tolerance wheel, segmented

## GDSO PREMIUM



- Application: All Natural Stone

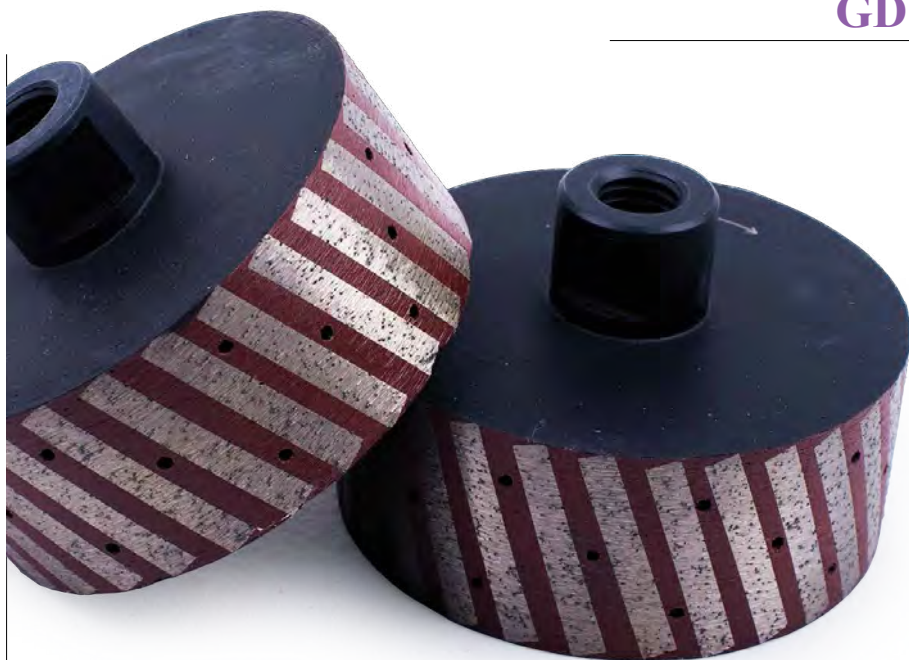
2 OD x 1 5/8 L x 5/8-11  
3 OD x 1 5/8 L x 5/8-11  
4 OD x 1 5/8 L x 5/8-11

## GDSC PREMIUM



- Application: All Natural Stone

2 OD x 1 5/8 L x 5/8-11  
3 OD x 1 5/8 L x 5/8-11  
4 OD x 1 5/8 L x 5/8-11



## ▼ ZENESIS™ finger bits, 4 & 7 segments

### ZFBS ZENESIS™



- Application: Granite, Engineered Stone
- 1/2" gas thread
- Cuts granite and engineered stone (without the full stop)
- Recommended RPM ranges from 4,200 in hard material to 5,500 in softer material, with a feed rate of 12" ~ 16" per minute.
- Wet use only

20mm x 1-5/8" x 1/2" Gas, 4 seg (40L-7W-3.5T)  
22mm x 2" x 1/2" Gas, 4 seg (50L-7W-3.5T)  
20mm x 1-5/8" x 1/2" Gas, 7 seg (40L-3W-4.0T)  
22mm x 2" x 1/2" Gas, 7 seg (50L-7W-4.0T)



## FBS PREMIUM



- Application: All Natural Stone
- Recommended RPM is 5500 RPM, with a feed rate of 300mm/min

22mm OD x 1 5/8 L x 1/2 gas\*  
22mm OD x 2 L x 1/2 gas  
25mm OD x 1 5/8 L x 1/2 gas  
25mm OD x 2 L x 1/2 gas







# ZENESIS™ PATTERN TECHNOLOGY

## ZENESIS™ TECHNOLOGY

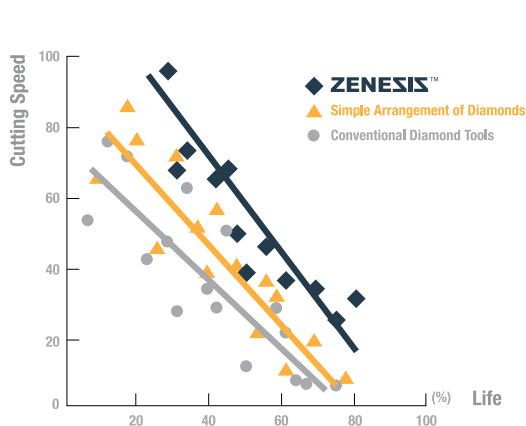
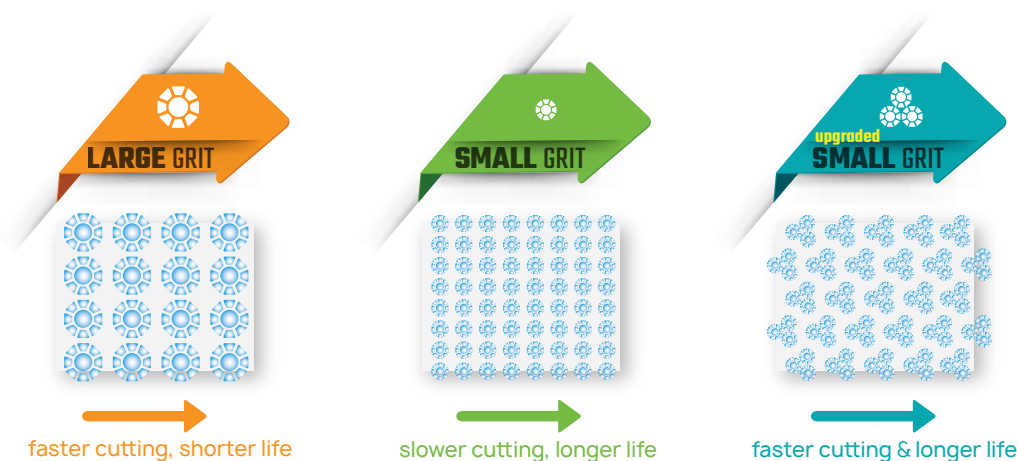
### FROM THE COMPANY THAT STARTED A REVOLUTION

Simple patterning is not enough. Patterning technology has been around since the 1960's; 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 life or quality of the 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.

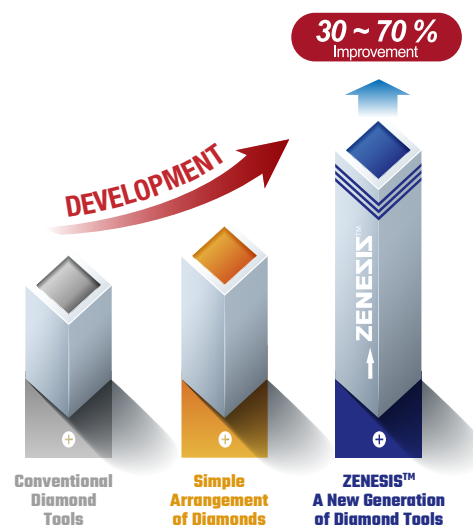
- Speed: Up to 70% faster cutting speed\*
- Life: Up to 70% longer tool life\*

### HYBRID LAYERING PERFORMANCE RUNS DEEP

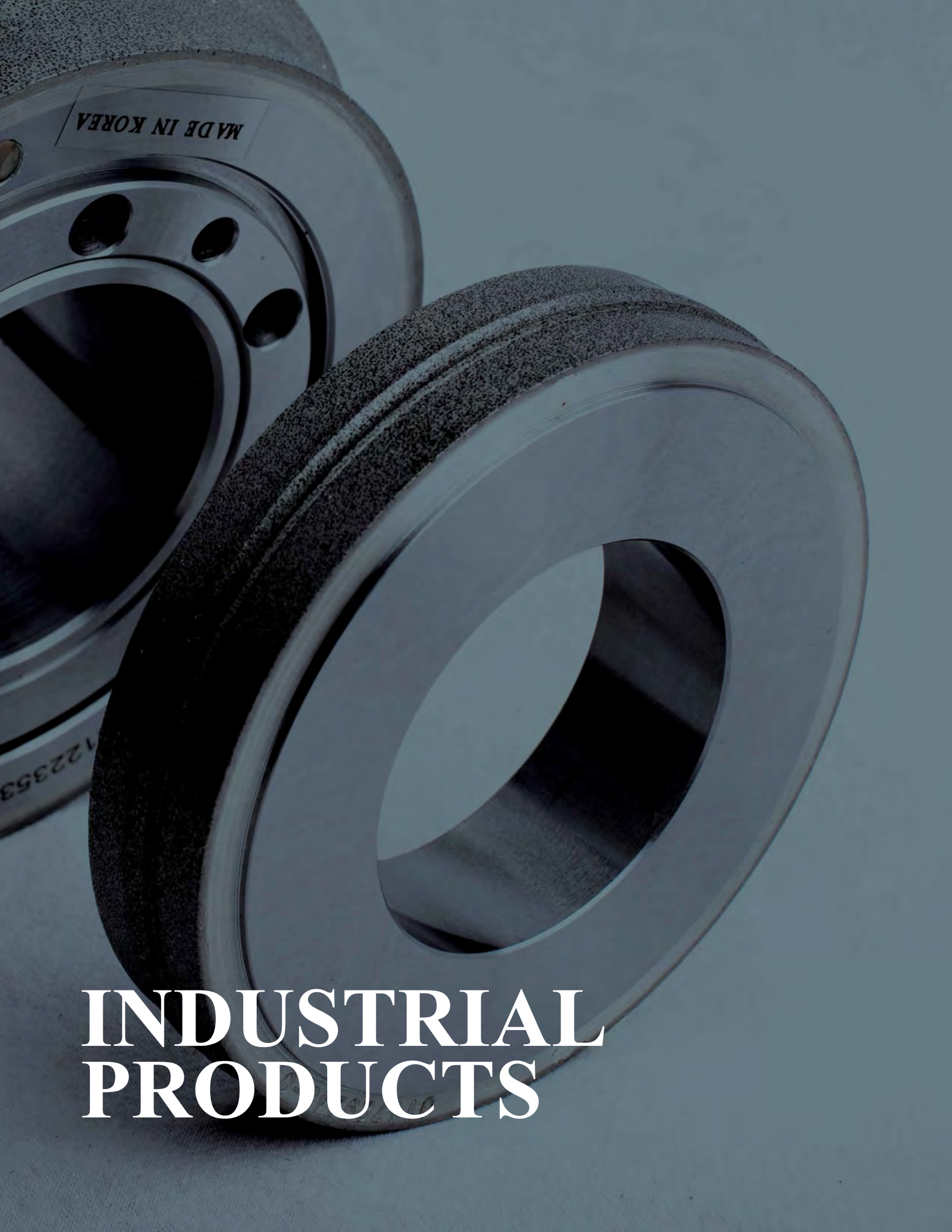
By combining layering techniques with extraordinary degree of precision, we ensure that our high-quality diamonds will always be evenly exposed throughout the segment to allow faster cutting and efficient debris removal. And we've rigorously exacted our manufacturing processes to ensure a perfect pattern – 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. Greater performance is delivered as this strategic placement of diamonds virtually removes all cutting inefficiencies.



Testing shows ZENESIS™ tools consistently **outperform** the competition.



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



# INDUSTRIAL PRODUCTS



## HIGHLY STABILIZED PROCESS & QUALITY CONTROL SYSTEM



PCD & PCBN Tools



Diamond Dressers



Electroplated Tools

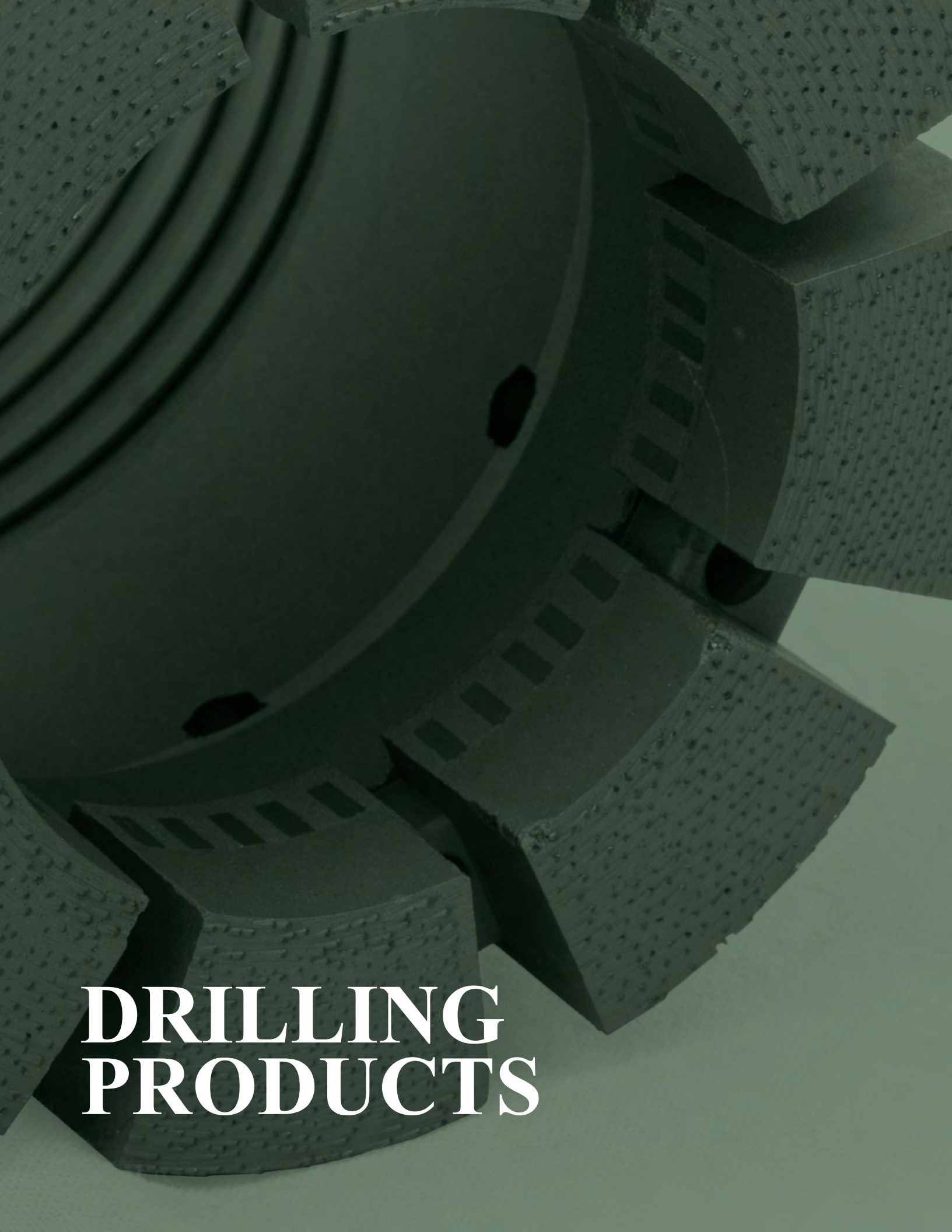


Metal Bonded Wheels



High Precision Tools

For more information, please visit [www.EhwaDiamondUSA.com](http://www.EhwaDiamondUSA.com) for our industrial products.



# DRILLING PRODUCTS



## EHWA DRILLING PRODUCTS

### FOR DRILLERS WHO DEMAND THE BEST

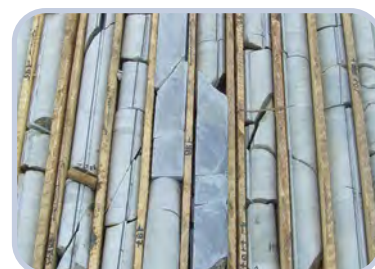
EHWA Diamond Industrial Co. Ltd and General Tool have developed a family of Drilling Tools to achieve maximum performance for all drilling applications.

These tools include:

- Impregnated core bits
- Reaming shells
- Casing shoes
- Thin wall core bits
- Diamond blades for cutting core samples



Whether you're performing Exploration, Soil Sampling, Foundation Testing, Highway & Dam Investigation you can expect EHWA Diamond Tools to exceed your drilling and sampling expectations.





## EXPLORER SERIES



- EHWA introduced Patterned Diamond Tools to the construction industry over 10 years ago.
- The pattern diamond technology will revolutionize diamond bit performance resulting in faster penetration and longer life. Drillers are experiencing over 30% faster penetration and up to 70% longer bit life. This technology is now available with our Explorer Series Bits.





# TERMS & CONDITIONS

## TERMS & CONDITIONS OF SALE

### **TERMS OF SALE:**

Purchase of any products sold by General Tool shall be subject to and expressly limited by the terms and conditions contained herein. No changes to, waiver of, or addition to any of these terms and conditions shall be effective unless agreed to in writing and signed by General Tool. Buyer acknowledges and agrees that these terms and conditions supersede the terms and conditions of any purchase order or other documentation used by Buyer and, except for delivery and billing addresses, quantities, prices and items ordered, any conflicting or additional terms are void and have no effect. Subject to the preceding, for convenience purposes only, Buyer may place orders using their purchase order forms and other documentation; however, the terms and conditions stated herein shall control and prevail for purposes of the purchase.

GENERAL TOOL RESERVES THE RIGHT AT ANY TIME TO AMEND THE TERMS AND CONDITIONS STATED HEREIN. AT TIME OF PLACING AN ORDER, PLEASE INQUIRE ABOUT CHANGES TO SALES TERMS AND CONDITIONS STATED HEREIN. OTHERWISE, BY PLACEMENT OF THE ORDER, BUYER SHALL BE DEEMED TO HAVE ACCEPTED SUCH AMENDED TERMS AND CONDITIONS. ADDITIONAL TERMS AND CONDITIONS BEYOND THOSE STATED HEREIN MAY APPLY TO CERTAIN PRODUCTS.

**minimum order amount:** \$100.00

### **PRICES:**

General Tool reserves the right to change the prices and specifications of its products at any time without notice.

### **PAYMENT:**

Payment terms are net 30 days from the date of invoice. Credit card payments will only be accepted for the full amount of the purchase. The credit card payment will have to clear before product is shipped. Any credit card used must be that of Buyer or Buyer's company. No third party credit cards will be accepted. Buyer's obligation to pay outstanding invoices and all other amounts due and owing is absolute and unconditional and shall not be subject to any abatement, reduction, set-off, defense, counterclaim, interruption, deferment, recoupment or otherwise any reduction and/or delay in payment regardless of the reason. Buyer is not eligible for any discounts if any invoice is past due. Payments made to General Tool will be applied to the oldest invoice first with no exception. If a check remitted for payment is returned for any reason, including but not limited to, for insufficient funds, Buyer will be charged an additional thirty dollar (\$30.00) handling charge per check. If a credit card is declined twice or more for the same transaction, Buyer will be charged an additional twenty five dollars (\$25.00) for each incident.

Any disputed amounts should be reported immediately along with remittance of the undisputed amount by the invoice due date. If General Tool agrees with Buyer's dispute claim, General Tool will credit Buyer the appropriate amount.

General Tool reserves the right in its sole discretion to require prepayment from any Buyer at any time and may refuse to sell and/or withhold further shipment until all overdue balances are paid. Buyer shall be liable for and shall reimburse General Tool for all costs and expenses incurred in connection with collection efforts of any amounts due and owing and/or to enforce of its rights, including without limitation, reasonable attorney's fees and expenses, court costs, and costs of collection agencies.

### **RETURN GOODS POLICY:**

Please refer to General Tool's Return Goods Policy included herein.



**MISCELLANEOUS:**

General Tool shall not in any event be liable to Buyer for any indirect, incidental, special, punitive or consequential damages (including any damage for lost income, revenues and/or profits), or otherwise arising out of or in connection with furnishing of products, parts or service hereunder or the performance, use of, or inability to use any products, parts or service, or otherwise, whether based in contract, warranty, tort, including without limitation, negligence, or any other legal or equitable theory. General Tool's total liability for any claim or action shall not exceed the purchase price of the product(s) in connection with the claim or action.

**SHIPPING:**

Buyer may arrange for delivery by providing General Tool with their account number for a freight carrier. Unless otherwise arranged by Buyer, General Tool will schedule and prepay for delivery via standard delivery method with a freight carrier of its choosing.

All drop ship orders directly to a Buyer's customer must include the customer's "Ship To" Name, Address, and Telephone Number. General Tool will place Buyer's shipping label on the package and include a Packing List if pre-arranged by Buyer, otherwise, the shipping label on the package will not show "Ship From" information nor will the package contain a Packing List. Freight costs on drop ship orders will be charged through one of the following ways:

- Freight collect to drop ship customer
- Buyer's FedEx or UPS number upon receipt of the Purchase Order
- Shipping charge will be billed on customers invoice.

Drop ship charge will be \$3.00 per piece with the maximum of \$15.00 per shipment. General Tool will not accept any direct return of product(s) from a Buyer's drop ship customer. Any and all returns must come from Buyer. If shipment is refused by "Ship To" customer for no fault of General Tool, Buyer will be charged a 15% restocking fee.

GENERAL TOOL IS A MANUFACTURER & DISTRIBUTOR TO RESELLERS.

IT IS THE RESPONSIBILITY OF BUYER TO PROVIDE ITS CUSTOMERS WITH ALL NECESSARY PRODUCT SAFETY AND HEALTH INFORMATION AND NOTICES AND WARNINGS AS REQUIRED BY OSHA AND OTHER REGULATIONS.

IF PRE-ARRANGED BY BUYER, GENERAL TOOL WILL PLACE LABELS AND/OR PACKAGE THE PRODUCT WITH NOTICES AND/OR WARNINGS AS DIRECTED BY BUYER.

HOWEVER, BUYER ASSUMES ANY AND ALL RISKS AND LIABILITIES ASSOCIATED WITH THE SUFFICIENCY AND APPROPRIATENESS OF THE INFORMATION CONTAINED IN THE LABEL AND/OR PACKAGING.

## RETURN GOODS POLICY

**RETURN POLICY:**

Other than warranty returns, only new/unused STOCK items may be returned. Returns on special order and/or custom items are not accepted.

All requests for non-warranty return of products purchased from General Tool must be made within SIX (6) MONTHS from date of purchase.

All returns must be accompanied with a clearly marked Return Authorization Number issued by the account manager.

All new/unused product returns are subject to a 15% restocking change.

All returns must be delivered to the below address along with the following information:

**General Tool, Inc. 2025 Alton Parkway Irvine, CA 92606**

Invoice number;

Return Authorization Number; and

Reason for return

**WARRANTY:**

General Tool warrants products sold against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of purchase. NORMAL WEAR AND DAMAGE RESULTING FROM ABUSE, MISUSE AND/OR USE OF THE PRODUCT FOR UNINTENDED APPLICATION IS NOT COVERED UNDER THIS WARRANTY. General tool's liability is strictly limited to repair or replacement of the defective product.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, GENERAL TOOL SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT EFFECTS. IF GENERAL TOOL CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY GENERAL TOOL IN ITS SOLE DISCRETION.



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