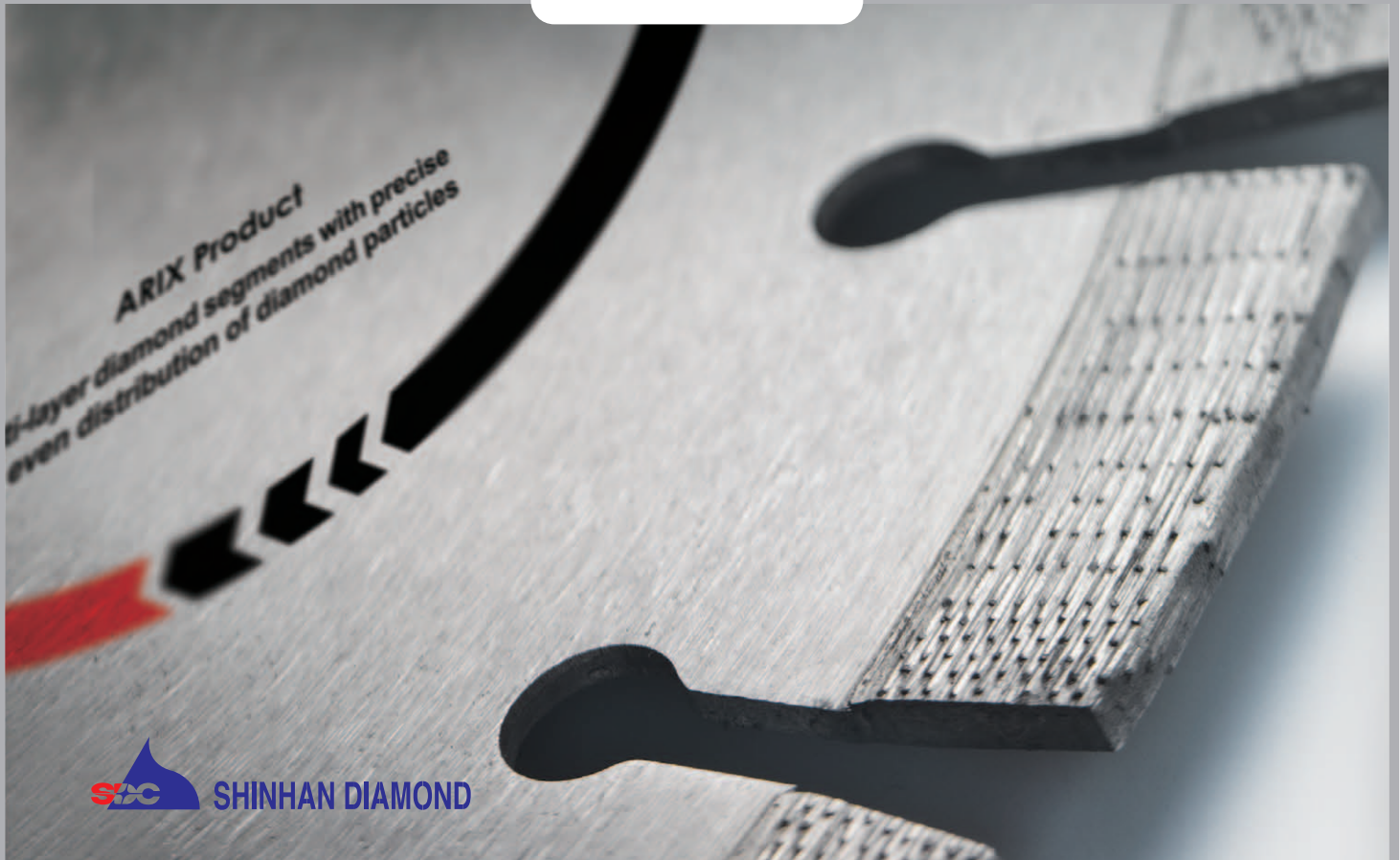


Challenge & Innovation to become the world best !



SHINHAN DIAMOND

www.shinhandia.com

ARIX is your own design for the best performance



Suit yourself !



► ARIX Technology

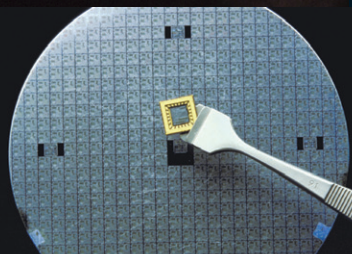
ARIX guarantees amazing cutting performance you have never experienced. Now it is time to get rid of your stress and enjoy your job.



Speedy like racing cars



Exciting like sports



Precise like high-tech products



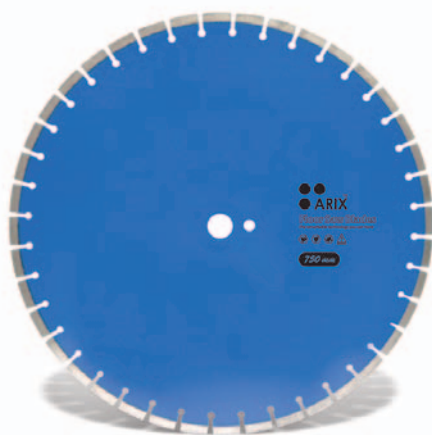
Sweet like wine

www.ARIX.co.kr

How to choose the right ARIX Blade for your need

A wide range of ARIX technology products suit its performance to your desire at all time.

Floor Saw Blades for Cured Concrete



STEP 1 Select your M/C power and find a product code.

Machine	Product Code
up to 10Hp	FX20
up to 20Hp	FX30
up to 35Hp	FX40
up to 50Hp	FX50
up to 65Hp	FX60
up to 80/100Hp	FX70

STEP 2 Select an OD and check available thickness.

Diameter	Thickness (mm)					
	A 2.8	R 3.2	K 3.6	L 4.0	M 4.4	Y 4.8
300		●			●	
350		●			●	
400		●			●	
450		●	●	●	●	
500				●	●	●
600				●	●	●
650				●	●	●
700					●	●
750					●	
800					●	
900					●	
1000					●	
1200					●	

STEP 3 Combine the product code and the thickness code.

Examples

An ARIX Floor Saw Blade for 60HP M/C (⇒ FX60) with 4.0mm thickness (⇒ L) is **FX60L**.

Wall Saw Blades



STEP 1 Select your M/C power and find a product code.

Machine	Product Code
up to 15Kw	WX30
up to 30Kw	WX50
over 30Kw	WX70

Remarks

Recommendation on Products Code can vary depending on the hardness of aggregates and/or operators preference on cutting speed or tool life.

STEP 2 Select an OD and check available thickness.

Diameter	Thickness (mm)	
	M 4.4	Y 4.8
500	●	●
600	●	●
650	●	●
700	●	●
750	●	
800	●	
900	●	
1000	●	
1200	●	

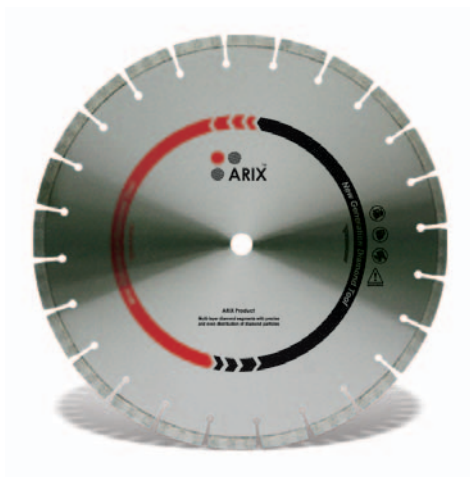
STEP 3 Combine the product code and the thickness code.

Examples

An ARIX Wall Saw Blade for 22KW M/C (⇒ WX50) with 4.4mm thickness (⇒ M) is **WX50M**.

Suit yourself!

Hand Saw Blades



STEP 1 Check materials and find a product code.

Materials	Product Code
Stone	HX20
Very Hard Clay Brick	
Very Hard Concrete	HX40
Hard Concrete	
Normal Concrete	HX60
Soft Concrete & Block	
Soft & Abrasive Brick	HX80
Green Concrete & Asphalt	

STEP 2 Select an OD and check available thickness.

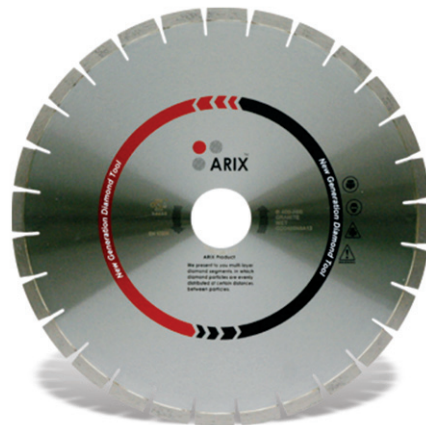
Diameter	Thickness (mm)	
	C	P
	3.0	4.2
300	●	
350	●	
400	●	
400	●	●
425	●	

STEP 3 Combine the product code and the thickness code.

Examples

An ARIX Hand Saw Blade for very hard bricks (⇒ HX20) with 350mm OD (⇒ C) is HX20C.

Saw Blades for Granite



STEP 1 Check the hardness and find a product code.

Hardness	Product Code
Soft	GX10
Hard	GX20

STEP 2 Select an OD and check available thickness.

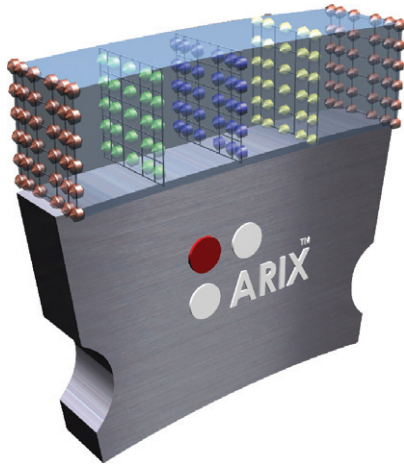
Diameter	Thickness (mm)						
	R	K	L	M	Y	S	X
	3.2	3.6	4.0	4.4	4.8	5.2	6.0
300	●						
350	●						
400	●						
450		●					
500			●				
550				●			
600				●			
650					●		
700					●		
750						●	
800							●

STEP 3 Combine the product code and the thickness code.

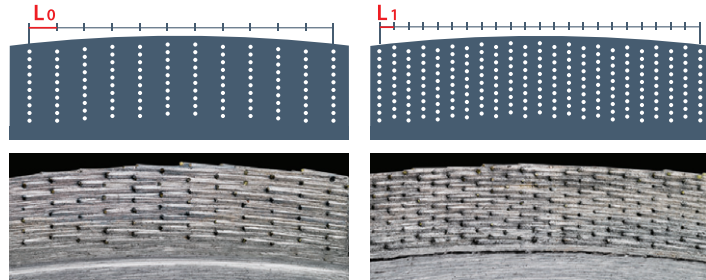
Examples

An ARIX Saw Blade for hard granite (⇒ GX20) with 400mm OD (⇒ M) is GX20R.

1. Basic Theory of ARIX Technology



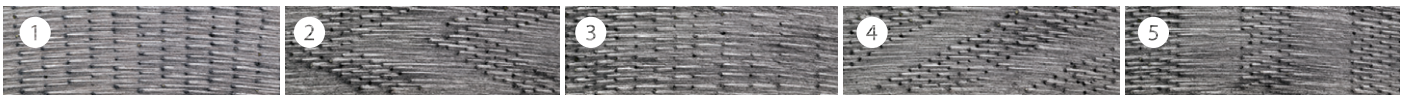
It is almost impossible to find one perfect solution of diamond tools that is the best for every case no matter what you are in need of. However, what if it is possible to find a way to realize one perfect solution for each case? ARIX Technology is to place diamond grits precisely in three dimensional patterns and to deliver the best performance to you in all cases.



< Control the space among diamond grits, wide (L0) or narrow (L1), as you want >

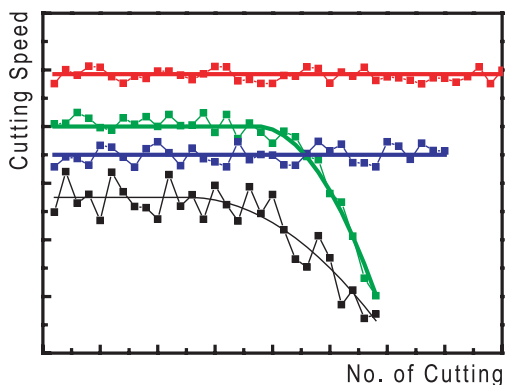
2. Functional Arrangement of Diamond Grits

The three dimensional patterns that ARIX Technology can arrange diamond grits in are various as you find some examples below. We wouldn't blame you even if you call ARIX an art rather than a technology.

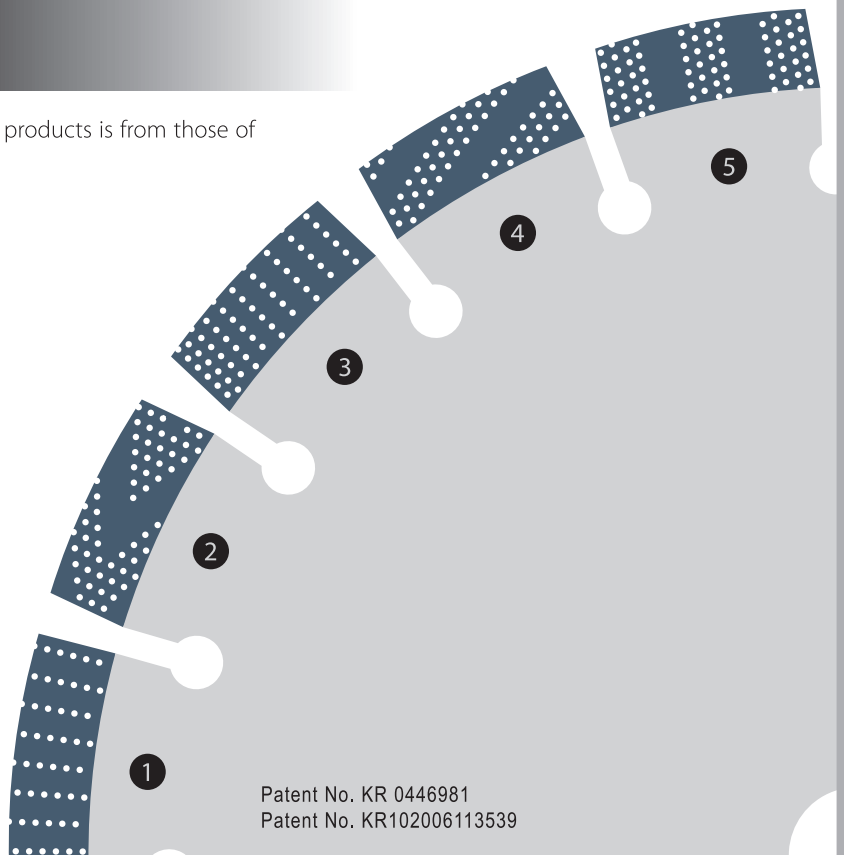


3. Comparison Chart

See how different the cutting performance of ARIX products is from those of other diamond cutting tools. It is faster, more stable, and more sustainable.



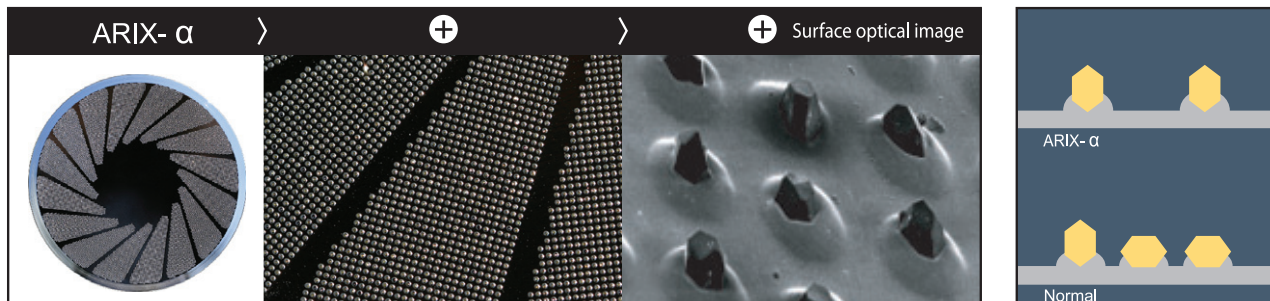
- ARIX Technology
- Normal array Fast cut design
- Normal array Sustainable cut design
- Conventional Products



Patent No. KR 0446981
Patent No. KR102006113539

ARIX- α CMP Pad Conditioner

Derived from original ARIX technology, ARIX- α is applied CMP Pad Conditioners, one of the key diamond products in semi-conductor industry.



SHINHAN R&BD CENTER



Shinhan Diamond R&BD Center, built with investments of over 10 billion Won (US\$10.5 Million) in January 2007, conducts future-oriented research activities to develop a new generation diamond tools and key application technologies, taking its place at the heart of the diamond tool industry.

SHINHAN DIAMOND Network

GERMANY

T.O.P.A.S 2 Mergenthalerallee 79-81 65760 Eschborn,
Frankfurt, Germany
Tel: 49-6196-470-560 Fax: 49-6196-470-565

USA

Shinhan Diamond USA (SH Trading, Inc.)
1025 N. Armando Street Anaheim, CA 92806, USA
Tel: 1-714-575-0010 Fax: 1-714-575-0020

FRANCE

15, rue du Buisson aux Fraises Z.I. de la Bonde 91300
Massy, France
Tel: 33 (0)1 69 53 03 21 Fax: 33 (0)1 60 14 66 21

CHINA

#45 Tokyo Road, Qingdao Free Trade Zone, Shandong
Province, China
Tel: 86-532-8676-8555 Fax: 86-532-8676-8355

HEAD OFFICE & FACTORY

36B-10L Namdong Industrial Complex, 610-9
Namchon-dong, Namdong-gu, Incheon 405-100,
Korea / Tel: +82-32-814-2211 Fax: +82-32-810-3456
webmaster@shinhandia.com
www.shinhandia.com