ZHONGZHI
DIAMOND TOOL

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Safety Regulations Concerning the Use of Diamond Tools

General Safety Rules:

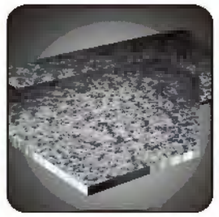
Allow the instructions of the supplier of the diamond tool and the manufacturer of the machine.

Make sure the diamond tool is suited to the machine. Examine tools before fitting to ensure that they are free from damage.

Follow the recommendations for handle and storage of diamond tools.

Be aware of the following risks of using tools and take the relevant precautions:

- Bodily contact with the diamond tool when operating.
- Injuries caused by the breaking of a diamond tool during use.
- Milling debris, sparks, smoke and dust generated by abrasion.
- Noise.
- Vibration.
- Never use a machine that is not in good condition and has faulty part.



GRANITE



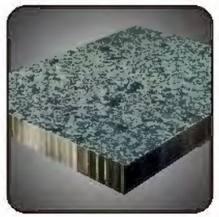
MARBLE



LIMESTONE



TITLE



SANDSTONE



CERAMIC

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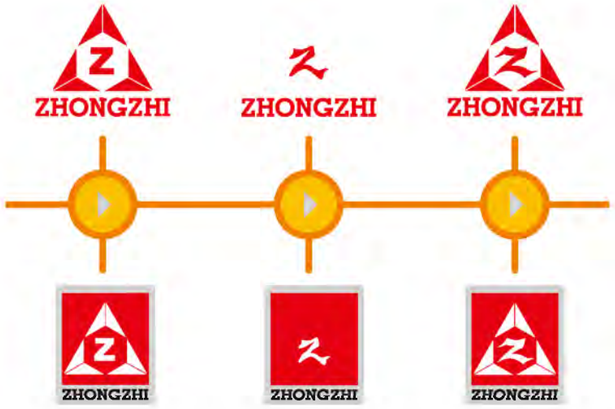
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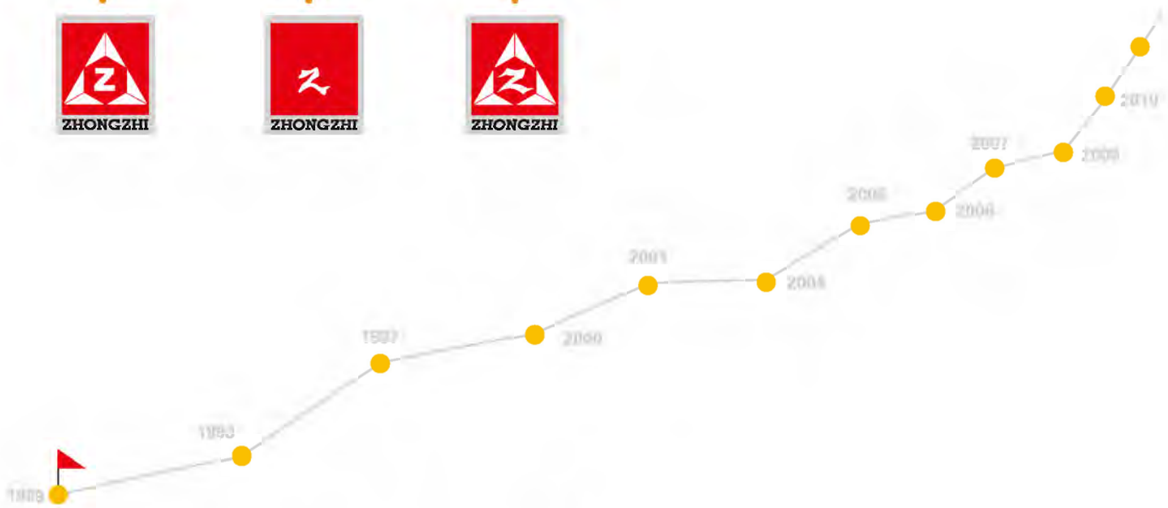
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ZHONGZHI COMPANY EVENTS

1989 Earlier in 1989, Mr. Huang Zhongjing discovered the huge business opportunity in diamond tool industry by his discriminating eyes and decided to get on in business finally. Then he established Kaiyuan Zhongzhi diamond tool company which was the predecessor of Zhongzhi, and have begun his national industry development. Supported by the technical institute of higher education, Kaiyuan diamond tool company grew rapidly in diamond tool field.

1993 In 1993, the management changed the name Kaiyuan Zhongzhi to Quanzhou Zhongzhi Diamond Tool Co., Ltd, and moved the factory to Wan' an industrial zone which covers over 10,000 square meters.

1997 In 1997, the outburst of Southeast Asian financial crisis put forward new request to diamond tools. Zhongzhi jumped at the chance again and successfully leaped into the front rank of China diamond tool field. At the same time, Zhongzhi have begun its own way to work for diamond tool diversification.

2000 In 2000, Zhongzhi seized the great business opportunity after China's entry into the WTO. Firstly, Zhongzhi led the reform in diamond tool field by breaking traditional sale mode. Then, we set up import & export department to expand overseas market which means the beginning of our globle expanding strategy.

ZHONGZHI COMPANY EVENTS

2001 In 2001, under the new market direction, our production capacity and profits grew rapidly, which consolidate Zhongzhi's important position in diamond tool field. Zhongzhi's rapid growth and "union is strength" culture attract large talents, so as to set a solid foundation for Zhongzhi's future development.

2004 In 2004, the diamond segment ' ∧ ' ' ∨ ' alternating welded blade was authorized as Utility Model Patent by the State Intellectual Property Office.

2005 In 2005, Zhongzhi got the ISO9001:2000 certificate and was authorized by UKAS. Same in 2005, the diamond segment ' ∧ ' ' ∨ ' alternating welded blade won " 2005 Quanzhou Silver Patent ".

2006 In 2006, our company was regarded as High-tech Enterprise by Technology Department in Fujian Province.

In July 2006, we set up Resin-polishing factory specilized in researching and producing diamond resin tool.

2007 In November 2007, "Zhongzhi" brand has been assessed as Fujian Famous Brand.

In November 2007, we set up Engineering Project factory specialized in construction products which symbolized the start of multi-fields strategy.

2008 In April 2008, we set up Iron-segment factory. From then on, the enhanced production capacity allows us to meet the increased requirements from customers.
In July 2008, we are approved the request of 33,350 square meters land to plan the new factory, and will be put into use in 2011.

In 2008, our new innovation 'Diamond Double Turbo Grinding Wheel' has won the fist class of Science and Technology Progress Reward.

2009 In the early of 2009, we has extended the coverings of new factory with 7,204 square meters.

In 2009, we import CIS. With this system, more and more people know Zhongzhi and Zhongzhi brand.

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QUANZHOU ZHONGZHI DIAMOND TOOL CO., LTD.





Attestation business enterprise of ISO 9001:2000
(Certificate CN05/01077)

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OVERVIEWS

Quanzhou Zhongzhi Diamond Tool Co., Ltd. founded in 1989 is a Sino-foreign Joint Venture incorporated company. As one of the most influential companys in diamond tool industry, we devote ourselves to researching and developing diamond tools in different functions for decades. Under the management conception of "Quality makes achievements, service creates future", we has formed developing, manufacturing, producing, processing, exportation & service into a coordinate modern enterprise system.

With years of business experience, Zhongzhi brand image has been accepted by more and more customers. For the stable quality and high efficiency, our products help many customers make great achievements. Our excellent after-service allows Zhongzhi and the customers become closer and closer.

At present, we have three production branches. Our products range from stone cutting tools, stone grinding tools,special shape and tile processing tools, construction tools and resin polishing tools, which are widely used for quarrying, stone processing and construction etc. All these allow Zhongzhi to be one of leaders in China diamond tool industry.

We own strong technical force and skillful workers, keep long term cooperation with diamond technological research institute to work for technical innovation. Earlier in 2005, our company had gotten the ISO9001：2000 certificate and was authorized by UKAS. All of our production and inspection are strictly controlled according to the International Standard. Meanwhile, we share a comfortable and harmonious working environment within the social liability system to ensure premium quality diamond products.

We are insisting on the management principle: Integrity the first, Innovation the core, continuous improvement, strive for excellence. With this concept, we are creating more and more excellent products and providing better and better service. Let's win together hand by hand.

GROUP BUILDING OUR VALUES

Integrity the first

Honesty is our cautiously commitment to customers and society. We respect our commitments and regard it as the basis of company survival, the core of corporate culture, the way to enhance Zhongzhi brand popularity.

Innovation the core

R & D innovation is the driving force and soul for company development.. Because of the fast development , diamond tool innovation plays an important role in competition. Thus, we are keeping continuous research and development which are essential to future development. At the same time, we are aiming at providing high-tech products under people-oriented spirit to meet our customers* satisfaction.

Continuous Improvement

Since diamond tools are high-tech products with processing technology changing every day, we are devoting to improving the design, quality and management system. All these continous improvement allows Zhongzhi to stay ahead in the fierce competition.

Strive for Excellence

Excellent quality and service are the key to keep continous and fast development that we regard it as the way to enhance the company brand reputation.

ZHONGZHI

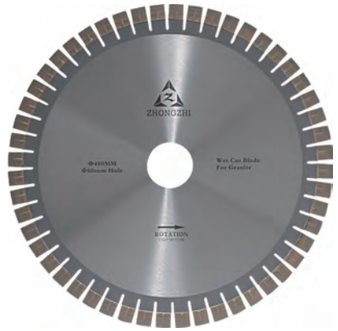
ZHONGZHI BRAND

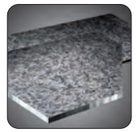
- ZHONGZHI logo is composed of Chinese pictograph "ZHONG", Chinese phonetic alphabet "Z" and Chinese characters.
- ZHONGZHI sources from Chinese idiom "ZHONG ZHI CHENG CHENG", which means that unity is strength. The idiom says that the strength is strong and could not be destroyed like a firm wall as long as all people hold together.
- The logo gets from the shape of Chinese pictograph "众" which stands for unity and centripetal force. It is also the symbol of our future–oriented integral strategy and our internal cohesion. The inside of the logo is a carved hexagon same as the structure of diamond molecule, which indicates our company belonging that we specialize in diamond products as well as our quality concept is as hard as diamond. In the middle of the logo is "Z" which comes from the company name "ZHONGZHI", first phonetic letter of "ZHONG" and "ZHI". The combined "Z" stands for our togetherness and determination in succeeding. We believe that we will make great achievements in diamond tool field with such inspiration.

The appearance of ZHONGZHI logo looks rigid and vivid. The triangle geometric figure annotates ZHONGZHI products characterized by stabilization and sharpness. Color in red represents our pursuit to quality, the enthusiasm to friends and the passion to work.


ROTATION
ZHONGZHI







GRANITE

Three-step Segment Brazed Blade(L20) (Product Code: ZD-ST)

Features

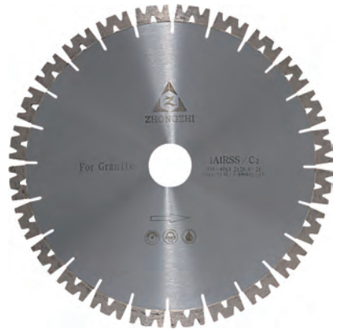
- Unique 'T' design of segment side face allows ideal debris removal and better cooling, improves the sharpness and cutting efficiency. Besides, this design reduces blade stone interface while cutting that will minimize cutting friction and noise.
- Compare to the long segment(L40), this short segment(L20) design makes better cutting efficiency.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

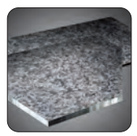
Applications

- This product is widely used for cutting stone.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Three-step segment brazed blade (L20) ZD-company code S-Step type T-T segment	Φ 300	2.2	20*3.6/3.3/3.0*15(20)	38	Granite	Silent or Non Silent
	Φ 350	2.4	20*3.6/3.3/3.0*15(20)	46		
	Φ 400	2.8	20*4.0/3.7/3.4*15(20)	52		
	Φ 450	3.0	20*4.3/4.0/3.7*15(20)	60		
	Φ 500	3.2	20*4.3/4.0/3.7*15(20)	66		
	Φ 550	3.2	20*5.0/4.7/4.4*15(20)	72		
	Φ 600	3.6	20*5.0/4.7/4.4*15(20)	80		
	Φ 700	4.0	20*5.4/5.1/4.8*15(20)	90		
	Φ 800	4.5	20*6.0/5.7/5.4*15(20)	100		

- Other specifications are available upon request.





GRANITE

'W' Shape Segment Brazed Blade (Product Code: ZD-W)

Features

- Unique 'W' design of segment, the 'V'slot allows ideal debris removal and better cooling, reduces cutting friction, which will keep good cutting sharpness and high cutting efficiency. Besides, this creative design will minimize cutting noise.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

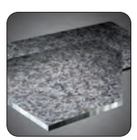
Applications

- This product is widely used for cutting stone.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
'W' shape segment brazed blade ZD-Company Code W-W shape segment	Φ 300	2.2/2.0	40*3.2*15(20)	21	Granite	Silent or Non Silent
	Φ 350	2.4/2.2	40*3.2*15(20)	24		
	Φ 400	2.8/2.4	40*3.6*15(20)	28		
	Φ 450	2.8/2.6	40*4.2*15(20)	32		
	Φ 500	3.2/2.8	40*4.2*15(20)	36		
	Φ 550	3.2/3.0	40*4.2*15(20)	38		
	Φ 600	3.6/3.2	40*4.6*15(20)	42		
	Φ 650	4.0/3.6	40*5.0*15(20)	46		
	Φ 700	4.0/3.8	40*5.2*15(20)	50		
	Φ 800	4.5/4.2	40*6.0*15(20)	57		

- Other specifications are available upon request.





GRANITE

'U' Gullet Segment Brazed Blade (Product Code: ZD-U)

Features

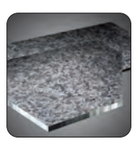
- Unique 'U' gullet design on segment circumference and 'V' step design of segment side face allows extremely high cutting efficiency. Besides, this creative design of segment structure reduces blade stone interface while cutting, decreases cutting friction. Meanwhile, it makes ideal debris removal and better cooling, reduces frictional heat gain and noise produced by resonance effectively.
- Good cutting result. This special design will not allow easy edge collapse, broken, slab bend etc.(This product has obtained the national utility model patent. Patent No.: ZL200820102696.9)

Applications

- This product is widely used for cutting stone.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
'U' Gullet Segment Brazed Blade ZD-company code U-U gullet segment	Φ300	2.2/2.0	41*3.6/3.3/3.0*15(12)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	41*3.6/3.3/3.0*15(12)	24		
	Φ400	2.8/2.4	41*4.0/3.7/3.4*15(12)	28		
	Φ500	3.2/2.8	41*4.3/4.0/3.7*15(12)	36		
	Φ600	3.6/3.2	41*5.0/4.7/4.4*15(12)	42		
	Φ700	4.0/3.8	41*5.5/5.2/4.9*15(12)	50		
	Φ800	4.5/4.2	41*6.0/5.7/5.4*15(12)	57		

- Other specifications are available upon request.



GRANITE

Three-step Segment Brazed Blade(L40) (Product Code: ZD-S*)

Features

- Unique '*' step design of segment side face allows ideal debris removal and better cooling, improves the sharpness and cutting efficiency. Besides, this design reduces blade stone interface while cutting that will minimize cutting friction and noise.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

Applications

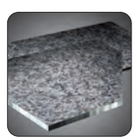
- This product is widely used for cutting stone.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Three-step segment brazed blade (L40) ZD-company code S-Step type '*' Segment	Φ300	2.2/2.0	40*3.6/3.3/3.0*15(20)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	40*3.6/3.3/3.0*15(20)	24		
	Φ400	2.8/2.4	40*4.0/3.7/3.4*15(20)	28		
	Φ450	2.8/2.6	40*4.3/4.0/3.7*15(20)	32		
	Φ500	3.2/2.8	40*4.3/4.0/3.7*15(20)	36		
	Φ550	3.2/3.0	40*5.0/4.7/4.4*15(20)	38		
	Φ600	3.6/3.2	40*5.0/4.7/4.4*15(20)	42		
	Φ650	4.0/3.6	40*5.0/4.7/4.4*15(20)	46		
	Φ700	4.0/3.8	40*5.4/5.1/4.8*15(20)	50		
	Φ800	4.5/4.2	40*6.0/5.7/5.4*15(20)	57		

- Other specifications are available upon request.







GRANITE

Slant Slot Segment Brazed Blade (Product Code: ZD-X)

Features

- Unique slant slot design of segment side face improves the sharpness and cutting efficiency. Besides, the slant slot allows ideal debris removal and better cooling that will minimize cutting friction and noise, reduce frictional heat gain.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

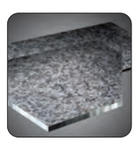
Applications

- This product is widely used for cutting stone.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Slant slot segment brazed blade ZD-Company code X-Slant Slot Segment	Φ 300	2.2/2.0	40*3.2*10(12)	21	Granite	Silent or Non Silent
	Φ 350	2.4/2.2	40*3.2*10(12)	24		
	Φ 400	2.8/2.4	40*3.6*10(12)	28		
	Φ 450	2.8/2.6	40*3.8*10(12)	32		
	Φ 500	3.2/2.8	40*4.2*10(12)	36		
	Φ 550	3.2/3.0	40*4.2*10(12)	38		
	Φ 600	3.6/3.2	40*4.6*10(12)	42		
	Φ 650	4.0/3.6	40*5.0*10(12)	46		
	Φ 700	4.0/3.8	40*5.0*10(12)	50		
	Φ 800	4.5/4.2	40*6.0*10(12)	57		

- Other specifications are available upon request.





GRANITE

Flat Segment Blade Reference Picture (Product Code: ZD-P)

Introduction

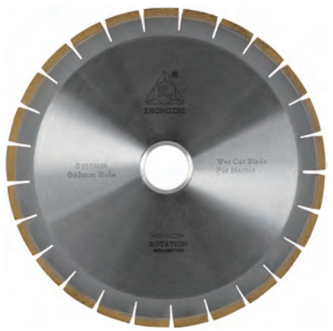
- This product is widely used for cutting granite stone.

Features

- The blade has good sharpness and high efficiency at the process of cutting, meanwhile, it has a long lifespan characteristic.
- With high working performance, the blade would not chip or break slates while cutting.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Flat Segment Blade ZD-company code P-flat segment	Φ 300	2.2/2.0	40*3.2*10(15)	21	Granite	Silent or Non Silent
	Φ 350	2.4/2.2	40*3.2*10(15)	24		
	Φ 400	2.8/2.4	40*3.6*10(15)	28		
	Φ 450	2.8/2.6	40*3.8*10(15)	32		
	Φ 500	3.2/2.8	40*4.2*10(15)	36		
	Φ 550	3.2/3.0	40*4.2*10(15)	38		
	Φ 600	3.6/3.2	40*4.6*10(15)	42		
	Φ 650	4.0/3.6	40*5.0*10(15)	46		
	Φ 700	4.0/3.8	40*5.0*10(15)	50		
	Φ 800	4.5/4.2	40*6.0*10(15)	57		

- Other specifications are available upon request.





MARBLE

Marble Blade
Reference Picture (Product Code: ZD-MB)

Brief introduction

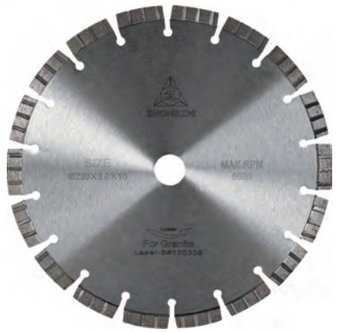
- This product is widely used for cutting marble stone.

Features

- The unique "fan"type segment design and narrow slot brazing can minimise the cutting vibration. Moreover, the blade has good sharpness and high efficiency at the process of cutting, meanwhile, it has a long lifespan characteristic.
- With high working performance, the blade would not chip or break slates while cutting.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Marble Blade ZD-Company Code MB-marble blade code	Φ300	2.2	44.7/42.3*3.0*8	21	Marble	Non Silent
	Φ350	2.2	43.7/41.7*3.2*8	25		
	Φ400	2.6	42.9/41 .2*3.6*8	29		
	Φ450	3.0	44.0/42.4*4.0*8	32		
	Φ500	3.2	43.0/41.6*4.2*8	36		
	Φ600	3.6	44.3/43.0*4.6*8	42		

- Other specifications are available upon request.





MARBLE

Laser Turbo Segment Blade

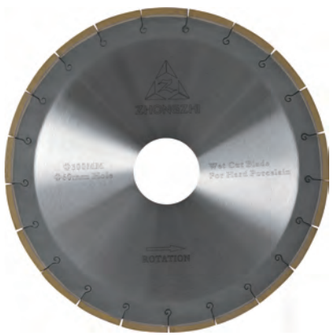
Features

- Universal dry or wet cutting blades.
- Turbo segments improve cooling of the blade and provide better removal of debris,extremely fast and smooth cutting.
- While using specially designed holes in the core improve cooling of the blade and reduce noise.

Aplications

- Reinforced concrete, brick, masonry, asphalt, green concrete, sandstone or stone.

Product Name	Outer Diameter		Segment Width		Arbor	Segment Height	Segment Number	Application On
	Inches	mm	Inches	mm				
Laser Turbo Segment Blades	4"	105	0.095"	2.4	7/8"	10mm	8	Granite Marble
	4.5"	115	0.095"	2.4	7/8"	10mm	9	
	5"	127	0.095"	2.4	7/8"	10mm	10	
	6"	152	0.095"	2.4	7/8"	10mm	12	
	7"	178	0.110"	2.8	7/8"	10mm	14	
	8"	203	0.110"	2.8	7/8"	10mm	16	
	9"	229	0.110"	2.8	7/8"	10mm	18	
	10"	254	0.120"	3	1"	10mm	17	
	12"	305	0.120"	3	1"	10mm	21	
	14"	355	0.125"	3.2	1"	10mm	24	
	16"	406	0.140"	3.6	1"	10mm	28	
	18"	457	0.140"	3.6	1"	10mm	32	





CERAMIC

Hook Type Blade (Product Code: ZD-FH)

Brief introduction

- This product is widely used for cutting ceramic.

Features

- The unique "fan" type segment design and narrow slot brazing can minimise the cutting vibration. Moreover, the blade has good sharpness and high efficiency at the process of cutting. Besides, the hook gullet design of the blank can effectively reduce noise.
- With high working performance, the blade would not chip or break slates while cutting.

Product Name	Diameter	Core Thickness	Segment Dimension	Segment Number	App-lication	Note
Hook Type Blade ZD-company code FH--blade code	Φ300	1.6	44/42*2.2*7	21	Ceramic	Non Silent
	Φ350	1.8	43.7/41.7*2.4*7	25		

- Other specifications are available upon request.





MARBLE

Sintered Countinuous Turbo Blade

Features

- Universal dry or wet cutting blades.
- Turbo teeth offer fast and smoothing cutting.

Aplications

- Reinforced concrete,hard concrete,hard brick,asphalt,tiles,masonry.
- Large range of hard to medium stone materials,granite,marble,sandstone,limestone.

Product Name	Outer Diameter		Segment Width		Arbor	Segment Height	Application On
	Inches	mm	Inches	mm			
Sintered Countinuous Turbo Blades	4"	105	0.095"	2.4	7/8"	8mm	Marble, Granite
	4.5"	115	0.095"	2.4	7/8"	8mm	
	5"	127	0.100"	2.6	7/8"	8mm	
	6"	152	0.100"	2.6	7/8"	8mm	
	7"	178	0.110"	2.8	7/8"	8mm	
	8"	203	0.110"	2.8	7/8"	8mm	
	9"	229	0.120"	3	7/8"	8mm	

Other specifications are available upon the request of clients.







'*' '*' Segment Brazed Blade (Product Code: ZD-**)

Features

- Unique '*' alternates with '*' welding design makes fast diamond exposed and cutting speed with high cutting efficiency. The alternation of '*' '*' and the sandwich design of segment allows ideal debris removal and better cooling. Easing vibration and reducing noise while cutting.
- Good cutting result. This special design will not allow easy different thickness slabs or tapered slab etc. (This product has obtained the national utility model patent. Patent No.: ZL02270369.1)

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	
'*' '*' Segment Brazed Blade ZD-Company Code ** - ** Segment	Φ900	5.5/5.0	24*7.0/6.4*13/11.5	64	Granite	
			24*7.0/6.4*15/13.5			
			24*7.0/6.4*21/19.5			
	Φ1000	5.5/5.0	24*7.0/6.4*13/11.5	70		
			24*7.0/6.4*15/13.5			
			24*7.0/6.4*21/19.5			
	Φ1200	6/5.5	24*7.6/6.6*21/19.5	80		
	Φ1350	6.5	24*8.9/7.9*21/19.5	88		
	Φ1600	7	24*9.4/8.4*21/19.5	108		
	Φ1800	8	24*10.6/9.6*21/19.5	120		
	Φ2000	8/8.5	24*10.6/9.6*21/19.5	128		

- Other specifications are available upon request.

BIG SCALE





'*' Shape Brazed Blade (Product Code'ZD-S')

Features

- Unique '*' step design of segment side face reduces blade stone interface friction that will make fast diamond exposed and high cutting efficiency with good debris removal and better cooling.
- Good cutting result. This special design will not allow easy different thickness slabs or tapered slab etc.

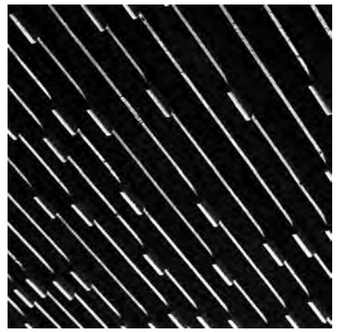
Applications

- This product is widely used for cutting stone.

Product Name	Spe-cification	Core Thickness	Segment Dimension	Segment Number	App-lication	
'*'shape brazed blade ZD-Company Code S-Step type V-V Segment	Φ900	5.5/5.0	24*7.0/6.6/6.2*15(20)	64	Granite	
	Φ1000	5.5/5.0	24*7.0/6.6/6.2*15(20)	70		
	Φ1200	6/5.5	24*7.8/7.3/6.8*15(20)	80		
	Φ1350	6.5	24*8.4/8.0/7.6*15(20)	88		
	Φ1600	7	24*9.4/8.9/8.4*15(20)	104/108		
	Φ1800	8	24*10.0/9.5/9.0*15(20)	120		
	Φ2000	8/8.5	24*10.6/10.2/9.8*15(20)	128/132		
	Φ2200	8.5/9	24*11.0/10.5/10.0*15(20)	132/136		
	Φ2500	8.5/9	24*11.5/11/10.5*15(20)	140		
	Φ3000	9/9.5	24*12.5/12/11.5*20(30)	160		
	Φ3500	9/9.5	24*13.5/13/12.5*20(30)	180		

- Other specifications are available upon request.







Gang Saw (Product code: ZD-GS)

Features

- It works in low noise, little pollution and small cutting slot which ensures maximum use of stone and uniform thickness.

Applications

- Diamond gang saw is used for cutting marble block.

Product Name	Segment Dimension (L*W*H)	Thickness of cores	Segment number of single blade	Note
Gang saw ZD-Company code GS-Gang saw	20*4.5/4.0*8(10)	2.5/3.0/3.5	25~32	
	20*5.0/4.5*8(10)			
	20*5.2/4.8*8(10)			
	20*5.4/5.0*8(10)			

- Other specifications are available upon request.







Three-step Segment (L20) (Product Code: ZD-ST)

Features

- Unique 'T' design of segment side face allows ideal debris removal and better cooling, improves the sharpness and cutting efficiency. Besides, this design reduces blade stone interface while cutting that will minimize cutting friction and noise.
- Compare to the long segment(L40), this short segment(L20) design makes better cutting efficiency.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
Three-step segment(L20) ZD-company code S-Step type T-T segment	Φ300	2.2/2.0	20*3.6/3.3/3.0*15(20)	38	Granite	Silent or Non Silent
	Φ350	2.4/2.2	20*3.6/3.3/3.0*15(20)	46		
	Φ400	2.8/2.4	20*4.0/3.7/3.4*15(20)	52		
	Φ450	2.8/2.6	20*4.3/4.0/3.7*15(20)	60		
	Φ500	3.2/2.8	20*4.3/4.0/3.7*15(20)	66		
	Φ550	3.2/3.0	20*5.0/4.7/4.4*15(20)	72		
	Φ600	3.6/3.2	20*5.0/4.7/4.4*15(20)	80		
	Φ650	4.0/3.6	20*5.0/4.7/4.4*15(20)	84		
	Φ700	4.0/3.8	20*5.4/5.1/4.8*15(20)	90		
	Φ800	4.5/4.2	20*6.0/5.7/5.4*15(20)	100		

- Other specifications are available upon request.



Three-step Segment (L40) (Product Code: ZD-S*)

Features

- Unique '*' step design of segment side face allows ideal debris removal and better cooling, improves the sharpness and cutting efficiency. Besides, this design reduces blade stone interface while cutting that will minimize cutting friction and noise.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
Three-step segment (L40) ZD-company code S-Step type *-* Segment	Φ300	2.2/2.0	40*3.6/3.3/3.0*15(20)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	40*3.6/3.3/3.0*15(20)	24		
	Φ400	2.8/2.4	40*4.0/3.7/3.4*15(20)	28		
	Φ450	2.8/2.6	40*4.3/4.0/3.7*15(20)	32		
	Φ500	3.2/2.8	40*4.3/4.0/3.7*15(20)	36		
	Φ550	3.2/3.0	40*5.0/4.7/4.4*15(20)	38		
	Φ600	3.6/3.2	40*5.0/4.7/4.4*15(20)	42		
	Φ650	4.0/3.6	40*5.0/4.7/4.4*15(20)	46		
	Φ700	4.0/3.8	40*5.4/5.1/4.8*15(20)	50		
	Φ800	4.5/4.2	40*6.0/5.7/5.4*15(20)	57		

- Other specifications are available upon request.



Slant Slot Segment (Product Code: ZD-X)

Features

- Unique slant slot design of segment side face improves the sharpness and cutting efficiency. Besides, the slant slot allows ideal debris removal and better cooling that will minimize cutting friction and noise, reduce frictional heat gain.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
Slant slot segment ZD-Company code X-Slant Slot Segment	Φ300	2.2/2.0	40*3.2*10(12)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	40*3.2*10(12)	24		
	Φ400	2.8/2.4	40*3.6*10(12)	28		
	Φ450	2.8/2.6	40*3.8*10(12)	32		
	Φ500	3.2/2.8	40*4.2*10(12)	36		
	Φ550	3.2/3.0	40*4.2*10(12)	38		
	Φ600	3.6/3.2	40*4.6*10(12)	42		
	Φ650	4.0/3.6	40*5.0*10(12)	46		
	Φ700	4.0/3.8	40*5.0*10(12)	50		
	Φ800	4.5/4.2	40*6.0*10(12)	57		

- Other specifications are available upon request.



'W' Shape Segment (Product Code: ZD-W)

Features

- Unique 'W' design of segment, the 'V' slot allows ideal debris removal and better cooling, reduces cutting friction, which will keep good cutting sharpness and high cutting efficiency. Besides, this creative design will minimize cutting noise.
- Good cutting result. This special design will not allow easy edge collapse, break, tapered slab etc.

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
'W' shape segment ZD-Company Code W-W shape segment	Φ300	2.2/2.0	40*3.2*15(20)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	40*3.4*15(20)	24		
	Φ400	2.8/2.4	40*3.6*15(20)	28		
	Φ450	2.8/2.6	40*3.8*15(20)	32		
	Φ500	3.2/2.8	40*4.2*15(20)	36		
	Φ550	3.2/3.0	40*4.2*15(20)	38		
	Φ600	3.6/3.2	40*4.6*15(20)	42		
	Φ650	4.0/3.6	40*5.0*15(20)	46		
	Φ700	4.0/3.8	40*5.0*15(20)	50		
	Φ800	4.5/4.2	40*6.0*15(20)	57		

- Other specifications are available upon request.



'U' Gullet Segment (Product Code: ZD-U)

Features

- Unique 'U' gullet design on segment circumference and 'V' step design of segment side face allows extremely high cutting efficiency. Besides, this creative design of segment structure reduces blade stone interface while cutting, decreases cutting friction. Meanwhile, it makes ideal debris removal and better cooling, reduces frictional heat gain and noise produced by resonance effectively.
- Good cutting result. This special design will not allow easy edge collapse, broken, slab bend etc. (This product has obtained the national utility model patent. Patent No.: ZL200820102696.9)

Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
'U' Gullet Segment ZD-company code U-U gullet segment	Φ300	2.2/2.0	41*3.6/3.3/3.0*15(12)	21	Granite	Silent or Non Silent
	Φ350	2.4/2.2	41*3.6/3.3/3.0*15(12)	24		
	Φ400	2.8/2.4	41*4.0/3.7/3.4*15(12)	28		
	Φ500	3.2/2.8	41*4.3/4.0/3.7*15(12)	36		
	Φ600	3.6/3.2	41*5.0/4.7/4.4*15(12)	42		
	Φ700	4.0/3.8	41*5.5/5.2/4.9*15(12)	50		
	Φ800	4.5/4.2	41*6.0/5.7/5.4*15(12)	57		

- Other specifications are available upon request.



'*' Shape Segment(*)(Product Code: ZD-S*)

Features

- Unique '*' step design of segment side face reduces blade stone interface friction that will make fast diamond exposed and high cutting efficiency with good debris removal and better cooling.
- Good cutting result. This special design will not allow easy different thickness slabs or tapered slab etc.

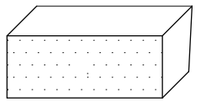
Applications

- This product is widely used for cutting stone.

Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
'*' shape segment ZD-Company Code S-Step type V-V Segment	Φ900	5.5/5.0	24*7.0/6.6/6.2*15(20)	64	Granite	
	Φ1000	5.5/5.0	24*7.0/6.6/6.2*15(20)	70		
	Φ1200	6/5.5	24*7.8/7.3/6.8*15(20)	80		
	Φ1350	6.5	24*8.4/8.0/7.6*15(20)	88		
	Φ1600	7	24*9.4/8.9/8.4*15(20)	104/108		
	Φ1800	8	24*10.0/9.5/9.0*15(20)	120		
	Φ2000	8/8.5	24*10.6/10.2/9.8*15(20)	128/132		
	Φ2200	8.5/9	24*11.0/10.5/10.0*15(20)	132/136		
	Φ2500	8.5/9	24*11.5/11/10.5*15(20)	140		
	Φ3000	9/9.5	24*12.5/12/11.5*20(30)	160		
	Φ3500	9/9.5	24*13.5/13/12.5*20(30)	180		

- Other specifications are available upon request.





Gang Saw Segment (Product code: ZD-GS)

Features

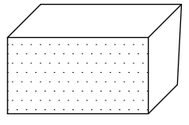
- It works in low noise, little pollution and small cutting slot which ensures maximum use of stone and uniform thickness.

Applications

- Diamond gang saw is used for cutting marble block.

Product Name	Segment Dimension (L*W*H)	Segment number/set	Grit	Application	Note
Gang saw ZD-Company code GS-Gang saw	20*5.4/4.8*8				
	20*5.4/5.0*8				
	20*5.4/5.0*10				
	20*5.2/4.6*8				
	20*5.2/4.8*8				
	20*5.0/4.6*8				
	20*5.0*8				
	24*5.5*8				
	24*5.2/4.6*8				





Multi-blade Segment(*) (Product code: ZD-GS)

Features

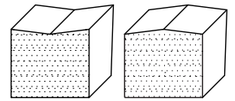
- It works in low noise, little pollution and small cutting slot which ensures maximum use of stone and uniform thickness.

Applications

- Diamond gang saw is used for cutting marble block.

Product Name	Segment Dimension (L*W*H)	Segment number/set	Grit	Application	Note
Multi-blade Segment	24*7.5/6.5*13				
	23*7.5/7/6.5*13				





'*' '*' (Product Code: ZD-**)

Features

- Unique '*' alternates with '*' welding design makes fast diamond exposed and cutting speed with high cutting efficiency. The alternation of '*' '*' and the sandwich design of segment allows ideal debris removal and better cooling. Easing vibration and reducing noise while cutting.
- Good cutting result. This special design will not allow easy different thickness slabs or tapered slab etc. (This product has obtained the national utility model patent. Patent No.: ZL02270369.1)

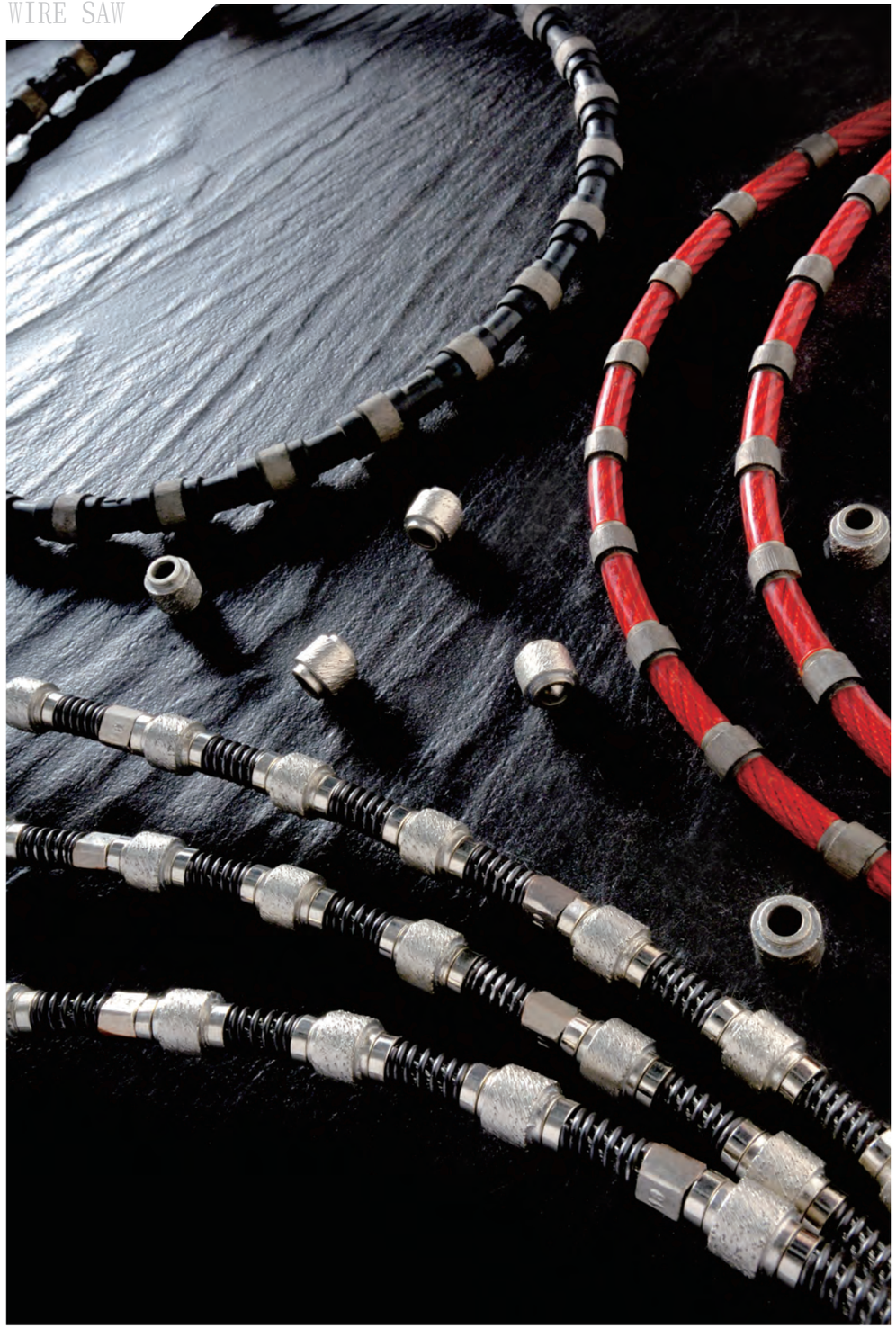
Applications

- This product is widely used for cutting stone.

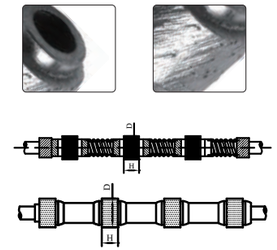
Product Name	Specification	Core Thickness	Segment Dimension	Segment Number	Application	Note
'*' '*' Segment Brazed Blade ZD-Company Code '*'Segment	Φ900	5.5/5.0	24*7.0/6.4*13/11.5	64	Granite	
			24*7.0/6.4*15/13.5			
			24*7.0/6.4*21/19.5			
	Φ1000	5.5/5.0	24*7.0/6.4*13/11.5	70		
			24*7.0/6.4*15/13.5			
			24*7.0/6.4*21/19.5			
	Φ1200	6/5.5	24*7.6/6.6*21/19.5	80		
	Φ1350	6.5	24*8.9/7.9*21/19.5	88		
	Φ1600	7	24*9.4/8.4*24/19.5	108		
	Φ1800	8	24*10.6/9.6*21/19.5	120		
	Φ2000	8/8.5	24*10.6/9.6*21/19.5	128		

- Other specifications are available upon request.

SEGMENTS







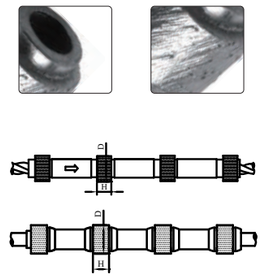
Quarrying Diamond Wire Saw (Product code: ZD-WSM)

Features

- It is safe and eco-friendly. This product quarrys and processes large blocks in high stone yield, which enjoys good sharpness, long life and low price.

Product Name	Specification(D)	Connection	Beads/meter	Line speed(m/s)	Application
Quarrying diamond wire saw ZD-Company code WSM-Wire saw W	Φ11.0	Rubber	40	20~30	Granite Sandstone
	Φ11.4	Rubber	40	20~30	
	Φ11.0	Spring	28/30/32	25~35	Marble
		Rubber	40		
	Φ10.8	Spring	32	25~35	





Block Wire Saw (Product code: ZD-WSB)

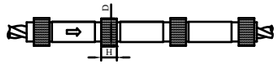
Features

- Block wire saw is used to cut blocks that enjoys high efficiency, good sharpness and long life. Good cutting result with little gap, high stone yield in high accuracy. This product works in low noise, safe and eco-friendly.

Product Name	Specification(D)	Connection	Beads/meter	Line speed(m/s)	Application
Block wire saw ZD-Company code WSB-Wire saw B	Φ10.0	Plastic	37	20~30	Granite Sandstone
		Rubber	40		
	Φ10.5	Plastic	37	20~30	
		Rubber	40		
	Φ11.0	Plastic	37	20~30	
		Rubber	40		
	Φ10.0	Plastic	32	25~35	Marble
	Φ10.5				
	Φ11.0				







Multi-wire saw Wire Saw (Product code: ZD-WST)

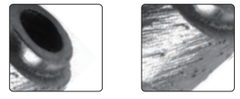
Features

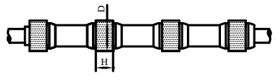
- Multi-blades wire saw works in high efficiency and little pollution. There is no tapered slab or chipping during processing that allows minimized waste and high stone yield. It is safe and eco-friendly with low noise.

Product Name	Specification(D)	Connection	Beads/meter	Line speed(m/s)	Application
Multi-blades wire saw ZD-Company code WST-Wire saw T	Φ7.2 Φ8.2	Plastic	37	20~25	Granite Sandstone









Concrete Wire Saw (Product code: ZD-WSC)

Features

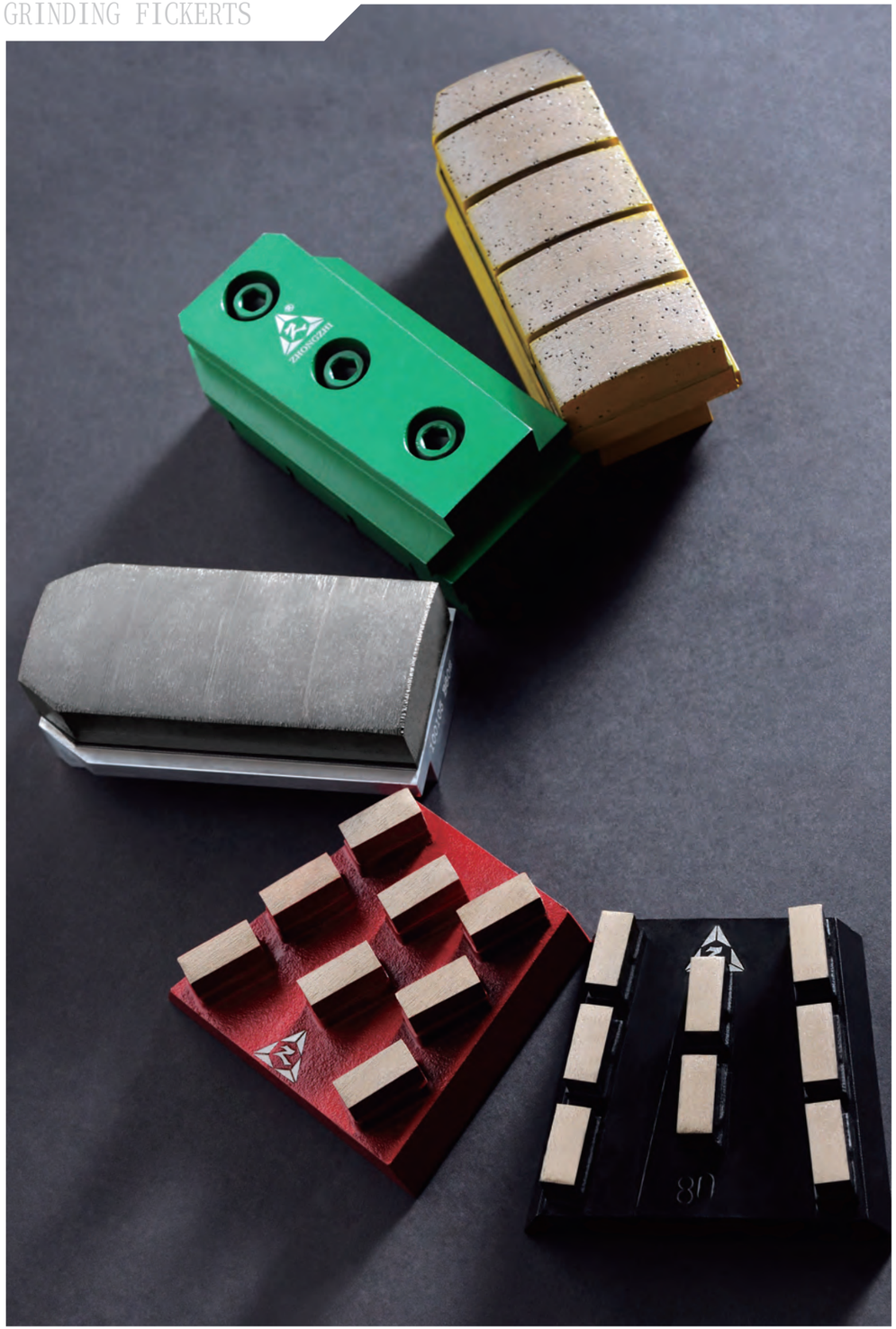
- Concrete wire saw works in high efficiency that can cut large and irregular building under safe and little pollution condition. The unique design makes it be able to control the cutting procedure in long distance. Good sharpness and long life.

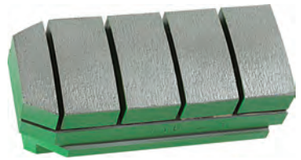
Product Name	Specification(D)	Connection	Beads/meter	Line speed(m/s)	Application
Concrete wire saw ZD-Company code WSC-Wire saw C	Φ10.2 Φ10.5 Φ11.0 Φ11.5	Rubber + Spring	40	20~25	Reinforce concrete



Other specifications are available upon the request of clients.

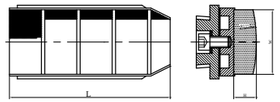
WIRE SAW











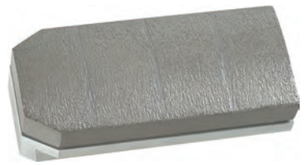
Brazed Diamond Fickert
(Product Code: ZD-Fickert Type A)

Brief Introduction:

- Brazed Diamond Fickerts are widely used for grinding stone slabs from coarse to fine.
  *This kind of segment construction is segmented brazed with gap that allows better debris removal and better cooling. Good sharpness and high grinding efficiency.
  *With high grinding performance, it wouldn't scratch or break slates while grinding.

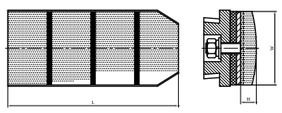
Product Name	Specification (L*W*H)	Grit	Application	Note
Brazed Diamond Fickert	140*56*15(20)	Upon Request	Granite	
	170*56*15(20)			

- Other specifications are available upon request.









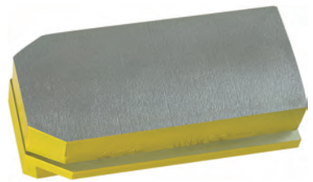
Sandwich Whole-sintered Diamond Fickerts
Reference Picture(Product Code: ZD- Fickert Type C)

Brief Introduction:

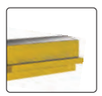
- Sandwich whole-sintered Diamond Fickerts are widely used for grinding stone slabs from coarse to fine.
  *This sandwich whole-sintered construction can form wide notch while grinding that will be good for debris removal and cooling. Good sharpness and high grinding efficiency.
  *With high grinding performance, it wouldn't scratch or break slates while grinding.

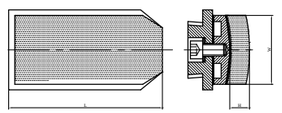
Product Name	Specification (L*W*H)	Grit	Application	Note
Sandwich whole-sintered Diamond Fickerts	130*56*15(20)	Upon Request	Granite	

- Other specifications are available upon request.









Whole-sintered Diamond Fickerts
Reference Picture(Product Code: ZD- Fickert Type B)

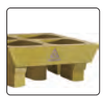
Brief Introduction:

- Whole-sintered Diamond Fickerts are widely used for grinding stone slabs from coarse to fine.
  *This kind of construction is whole-sintered with good sharpness and little vibration.
  *With high grinding performance, it wouldn't scratch or break slates while grinding.

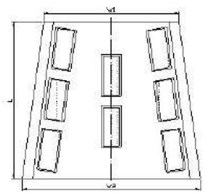
Product Name	Specification (L*W*H)	Grit	Application	Note
Whole-sintered Diamond Fickert	130*56*15(20)	Upon Request	Granite	

- Other specifications are available upon request.









Diamond Frankfurts Type B

Features

- The unique convex design at welding point allows better cooling and dust removal, to ensure maximum use of segment. The oblique distribution of segments provides high quality slabs without scratch as well as good sharpness, long life and high cost performance.

Applications

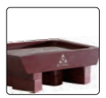
- Diamond Frankfurts Type B are used for grinding and polishing marble.

Product Name	Specification (L*W1*W2)	Segment Dimension	Segment Number	pcs/set	Grit	Note
Type B Diamond Frankfurts ZD-Company code FRB-Frankfurt B	95*82*107	24*10*10	8	6	40# / 60# / 80# 100# / 120# / 140#	This product is used for grinding marble.

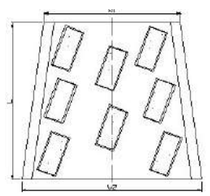
- Other specifications are available upon request.

GRINDING FICKERTS









Diamond Frankfurts Type A

Features

- This sandwich whole-sintered construction can form wide notch while grinding that will be good for debris removal and cooling. Good sharpness and high grinding efficiency.
- With high grinding performance, it wouldn*t scratch or break slates while grinding.

Applications

- Sandwich whole-sintered Diamond Fickerts are widely used for grinding stone slabs from coarse to fine.

Product Name	Specification (L*W1*W2)	Segment Dimension	Segment Number	pcs/set	Grit	Note
Type B Diamond Frankfurts ZD-Company code FRB-Frankfurt B	95*82*107	24*10*10	8	6	40# / 60# / 80# 100# / 120# / 140#	This product is used for grinding marble.

- Other specifications are available upon request.

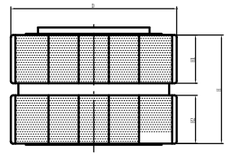












Diamond Cylindrical Wheel ZD-CDWE
(Product code: ZD-CDWE)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. This product provides high quality slabs with good sharpness and long life.

Applications

- Diamond cylindrical wheels with continuous rim working surface are used for grinding the surface of ceramic tiles to get scheduled thickness.

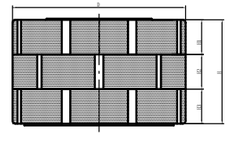
Product Name	Specification (D1*D2*H)	Product Width	Grit	Mounting Dimension	Note
Diamond cylindrical wheels (6 heads) ZD-Company code CDWE-Cylindrical wheels E	ϕ200/ϕ120*60	60	Upon request	8-ϕ9 distributing symmetrically in ϕ138	6pcs/set

- Other specifications are available upon request.









Diamond Cylindrical Wheel ZD-CDWC
(Product code: ZD-CDWC)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. This product provides high quality slabs with good sharpness and long life.

Applications

- Diamond cylindrical wheels are used for grinding the surface of ceramic tiles to get scheduled thickness.

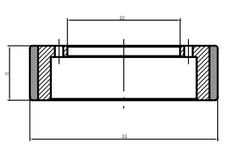
Product Name	Specification D*H(3*H1)	Segment Dimension	Segment Number	Grit	Mounting Dimension	Note
Diamond cylindrical wheels ZD-Company code CDWC-Cylindrical wheels C	ϕ150/ϕ90(3*30)	50*30*8.5	24 (3*8)	Upon request	Upon request	6pcs/set

- Other specifications are available upon request.

POLISHING TOOLS







Diamond Cylindrical Wheel ZD-CDWD (Product code: ZD-CDWD)

Features

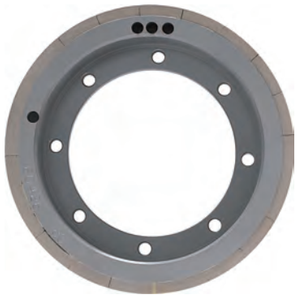
- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. This product provides high quality slabs with good sharpness and long life.

Applications

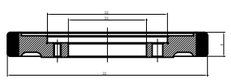
- Diamond cylindrical wheels with continuous rim working surface are used for grinding the surface of ceramic tiles to get scheduled thickness.

Product Name	Specification D*H(2*H1)	Product Width	Grit	Mounting Dimension	Note
Diamond cylindrical wheels ZD-Company code CDWD-Cylindrical wheels D	ϕ150/ϕ90(2*40)	90	Upon request	Upon request	6pcs/set

- Other specifications are available upon request.







Diamond Cylindrical Wheel ZD-CDWA (Company code: ZD-CDWA)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. This product provides high quality slabs with good sharpness and long life.

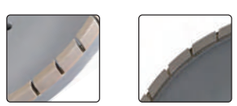
Applications

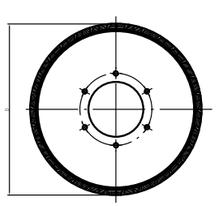
- Diamond cylindrical wheels with continuous rim working surface are used for grinding the surface of ceramic tiles to get scheduled thickness.

Product Name	Specification (D1/D2/D3*H)	Product Width	Grit	Mounting Dimension	Note
Diamond cylindrical wheels (10 heads) ZD-Company code CDWA-Cylindrical wheels A	ϕ200/ϕ120/ϕ78*24	24	Upon request	4-ϕ10.5 Equally distributed in ϕ100	10pcc/set
	ϕ200/ϕ120/ϕ78*40	40			

- Other specifications are available upon request.







Diamond Turbo Squaring Wheel (Product code: ZD-SWA)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed,low noise and high performance while grinding. The specific construction allows better sharpness, easy dust removal and smooth surface without chipping that enjoys long life.

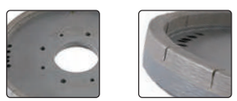
Applications

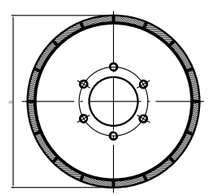
- Diamond turbo squaring wheels are used for trimming and correcting the rim of tile to get scheduled size.

Product Name	Specification (D)	Segment Dimension (L*W*H)	Segment Number	Grit	Mounting Dimension and inner hole	Note
Diamond turbo squaring wheel ZD-Company code SWA-Squaring wheel A	ϕ200	22/20*8*12	24	Upon request	6-M8/ϕ105* 80 4-M8/ϕ130* 80 6-M6/ϕ170* 150 4-M10/ϕ220* 200	This product is suitable for machines such as Keda, Zhuoma, Pedrini, Angela
	ϕ250	22/20*8*12	32			
	ϕ300	22/20*12*12	35			

- Other specifications are available upon request.







Umbrella-shaped Diamond Squaring Wheel (Product code: ZD-SWB)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. The unique 1mm isometry water entry ensures good sharpness and long life as well as easy dust removal, smooth surface without chipping. Besides, users can adjust the clearance of segment if necessary, even continous rim which will provide better luster in fine grit.

Applications

- Umbrella-shaped diamond squaring wheels are used for trimming and correcting the rim of tile to get scheduled size.

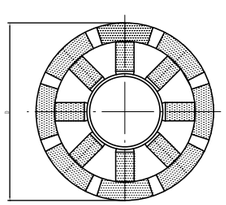
Product Name	Specification (D)	Segment Dimension (L*W*H)	Segment Number	Grit	Mounting Dimension and inner hole	Note
umbrella-shaped diamond squaring wheels ZD-Company code SWB-Squaring wheel B	ϕ200	38/35*8*12	16	Upon request	6-M8/ϕ105* 80 4-M8/ϕ130* 80 6-M6/ϕ170* 150 4-M10/ϕ220* 200	This product is suitable for machines such as Keda, Zhuoma, Pedrini, Angela.
	ϕ250	38.7/35.6*10*12	32			
	ϕ300	46/42.2*12*12	20			

- Other specifications are available upon request.









Diamond Satellite Wheel (Product code:ZD-SLW)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and high performance while grinding. This product provides high quality slabs with good sharpness and long life.

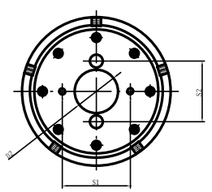
Applications

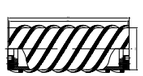
- Diamond Satellite Wheels are used for finishing the surface of tile and stone to make it smoothly and flatly.

Product Name	Specification	Segment Dimension (L*W*H)	Total Segment Number	Grit	Mounting Dimension	pcs/set	Note
Diamond Satellite Wheel ZD-Company code SLW-Satellite wheel	ϕ148	45.5/36.2*15*15 24*15*15	8+11 8+8	Upon request	ϕ60/6-M8 M45*3	5	

- Other specifications are available upon request.









Diamond Roller DRA (Product code: ZD-DRA)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and good performance while grinding. Good cutting result with uniform thickness and non-scratching the surface as well as good sharpness and long life.

Applications

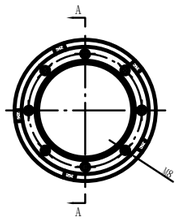
- This product is suitable for Angela and Zhuoma machines. It is widely used for calibrating and leveling adobes, grinding tile.

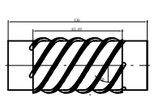
Product Name	Specification (L1/L2)	Mounting hole and outer diameter of steel core	Segment Dimension		Grit	Spiral	Note
			Width	Height			
Diamond Roller ZD-Company Code DRA-Diamond roller A	300/295 400/395 500/495 600/595 800/795 1000/995 1200/1195	D1=192/216 D2=70 S1=110 S2=94	9	14	30/40 40/50 50/60 60/70 70/80 80/100 100/120 120/140 140/170	5 8	

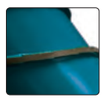
- Other specifications are available upon request.

L1:The length of steel core;
L2:The length of spiral-depends on the width of adobe;









Diamond Roller DRC (Product code: ZD-DRC)

Features

- This product is suitable for Pedrini machine. It is widely used for calibrating and leveling adobes, grinding tile. By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and good performance while grinding. Good cutting result with uniform thickness and non-scratching the surface as well as good sharpness and long life.

Applications

- This product is suitable for machines such as Keda. It is widely used for calibrating and leveling adobes, grinding tile.

Product Name	Specification (L1/L2)	Mounting hole and outer diameter of steel core	Segment Dimension		Grit	Spiral	Note
			Width	Height			
Diamond Roller ZD-Company code DRB-Diamond roller C	300/295 400/395 500/495 600/595 800/795	D=210 D1=181 D2=182 D3=183 D'=194	9	14	30/40 40/50 50/60 60/70 70/80 80/100 100/120 120/140	5 8	

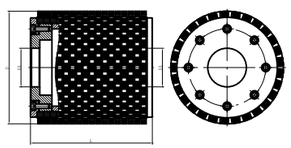
- Other specifications are available upon request.

L1:The length of steel core;
L2:The length of spiral-depends on the width of adobe;









Diamond Roller DRD (Product code: ZD-DRD)

Features

- By adopting G6.3 accurate dynamic balancing, it works stably with low vibration at high speed, low noise and good performance while grinding. Good cutting result with uniform thickness and non-scratching the surface as well as good sharpness and long life.

Applications

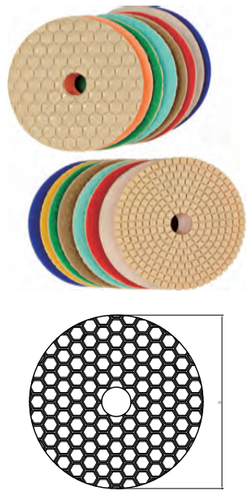
- This product is suitable for all kinds of machines.It is widely used for calibrating and leveling slabs, grinding stones.

Product Name	Specification (D*L)	Arbor (D1)	Segment Dimension	Grit	Note
Bladed Diamond Roller ZD-Company code DRD-Diamond roller D	ϕ200*L220	ϕ70	15*8*12	30/40 40/50 50/60 60/70 70/80 80/100 100/120 120/140 140/170	

- Other specifications are available upon request.

DIAMOND POLISHING PADS





Diamond Polishing Dry Pad

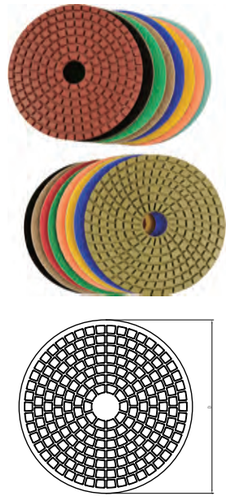
Features

- Diamond polishing dry pads attach to a backer with durable velcro connection. It is installed on portable grinding machine and operated by hand. It used from rough grit to fine grit, finally to polishing with quick speed and good performance.

Applications

- They are specially used for processing natural stones in various shape, also for the maintaining, repairing and renewing of decorative stones.

Diameter(mm)	Grit							
105	50	100	200	400	800	1500	3000	Buff
125	50	100	200	400	800	1500	3000	Buff
155	50	100	200	400	800	1500	3000	Buff



Diamond Polishing Wet Pad

Features

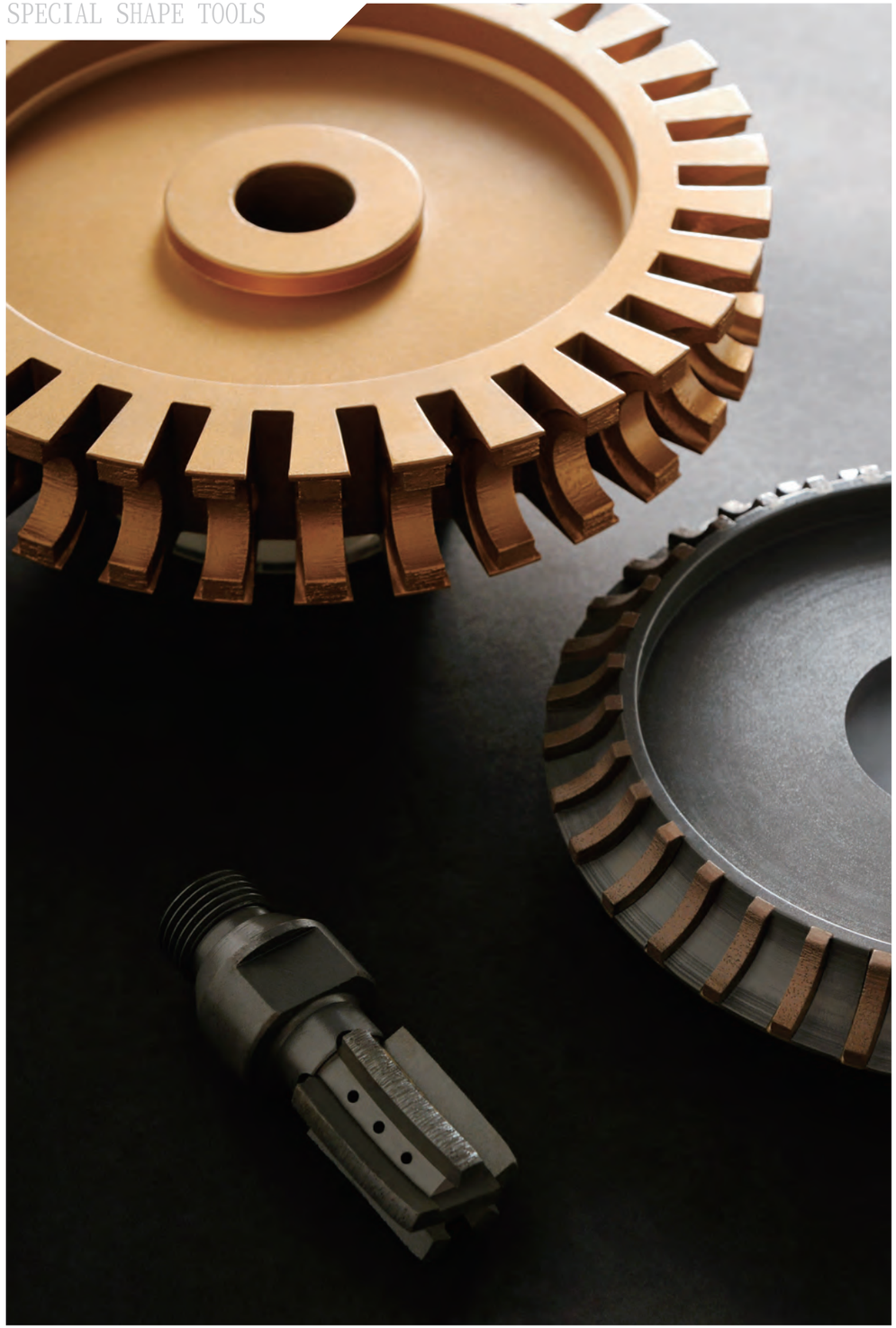
- Diamond polishing wet pads attach to a backer with durable velcro connection. It is installed on portable grinding machine and operated by hand. It used from rough grit to fine grit, finally to polishing with quick speed and good performance.

Applications

- They are specially used for processing natural stones in various shape, also for the maintaining, repairing and renewing of decorative stones.They are specially used for processing natural stones in various shape, also for the maintaining, repairing and renewing of decorative stones.

Diameter(mm)	Grit							
105	50	100	200	400	800	1500	3000	Buff
125	50	100	200	400	800	1500	3000	Buff
155	50	100	200	400	800	1500	3000	Buff

POLISHING PAD











1/4 Round Edge Diamond Profile Wheel (Product code: ZD-PFWC)

Features

- The unique design with good sharpness allows easy dust removal, low noise and safety. This product provides high accuracy and smooth surface in stone processing.

Applications

- Diamond profile wheels are used for processing and trimming the edge of stone.

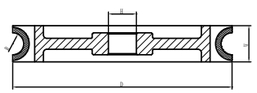
Product Name	Specification (D)	Profile Dimension (R/W)	Segment Number	Mounting Dimension	Grit	Note
1/4 round edge profile wheel ZD-Company code PFWC-Profile wheel C	Φ200	10/10	According to the diameter and R of the wheel	Upon request	Upon request	
		15/15				
	Φ250	20/20				
		25/25				
	Φ300	30/30				
		35/35				
	Φ350	40/40				
		50/50				

- Other specifications are available upon request.









1/2 Round Edge Diamond Profile Wheel (Product code: ZD-PFWA)

Features

- The unique design with good sharpness allows easy dust removal, low noise and safety. This product provides high accuracy and smooth surface in stone processing.

Applications

- Diamond profile wheels are used for processing and trimming the edge of stone.

Product Name	Specification (D)	Profile Dimension (R/W)	Segment Number	Mounting Dimension	Grit	Note
1/2 round edge diamond profile wheel ZD-Company code PFWA-Profile wheel A	Φ200	10/20	According to the diameter and R of the wheel	Upon request	Upon request	
		15/30				
	Φ250	20/40				
		25/50				
	Φ300	30/60				
		35/70				
	Φ350	40/80				
		50/100				

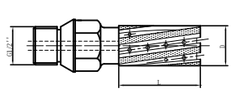
- Other specifications are available upon request.

SPECIAL SHAPE TOOLS









Finger Bits (Product code: ZD-RB)

Features

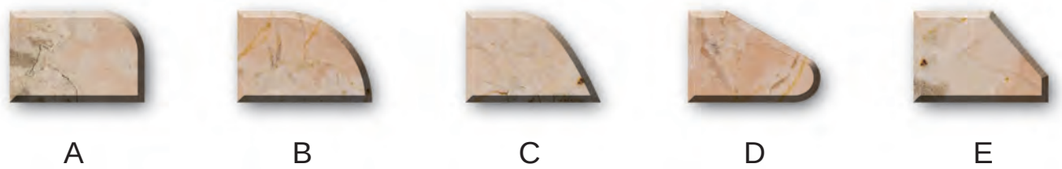
- The unique design allows better cooling and easy dust removal, good sharpness and long life. This product provides high accuracy and easy operation in stone processing.

Applications

- Finger bits are used for trimming, drilling and milling slabs.

Product Name	Specification (D*L)	Segment Dimension	Segment Number	Connection Dimension	Grit	Note
Finger bits ZD-Company code RB-	Φ20*40	40*5*4.5	4	G1/2"	Upon request	
	Φ20*45	45*5*4.5	4			
	Φ20*50	50*5*4.5	4			
	Φ25*40	40*5*4.5	5			
	Φ25*45	45*5*4.5	5			
	Φ25*50	50*5*4.5	5			

- Other specifications are available upon request.







TROUBLE SHOOTING-DIAMOND BLADES

Segment(Causes/Remedies)

Blade too hard for material being cut/use proper blade specification for material being cut.

Overheating due to lack of water/check water feed system and make sure the water flow is adequate on both sides of blades.

Blade twisting or jamming in cut/keep sawing straight when the blade working(concave blade exceptional)

Out of round blade/replace worn bearing,realign blade shaft or replace worn blade arbor.

Incorrect blade tension/ensure blade is running at correct RPM.

Excessive cutting speed/slow down the cutting speed.

Undercutting of steel center/use sufficient water to flush out the cut or choose blade with protective teeth.

Blade worn out of round(Causes/Remedies)

Incorrect mounting of blade/remount blade correctly

Worn bearings,spindle or blade arbor/replace worn bearing,realign blade shaft or replace worn blade arbor

Blade too hard for material being cut/use proper blade specification for material being cut.

Blade arbor out of round(Causes/Remedies)

Blade incorrectly seated/remount the blade correctly.

Worn flanges or flanges not properly tightened/tighten flanges properly or replace worn flanges.

Blade shaft worn/replace worn blade shaft.

Segment cracks(Causes/Remedies)

Blade too hard for material being cut/use proper blade specification for material being cut.

Steel center cracks(Cause/Remedies)

Excessive cutting pressures/slow down the cutting speed and keep correct feed rate.

Incorrect blade tension/ensure blade is running at correct RPM.

Jamming or twisting in cut/keep sawing straight when the blade working(concave blade exceptional)

Overheating/check water feed system and make sure the water flow is adequate on both sides of blades.

Blade too hard for material being cut/use proper blade specification for material being cut.

Undercutting the steel center(Causes/Remedies)

Abrasion of steel center due to highly abrasive material being cut/use sufficient water to flush out the chipping or choose blade with protective teeth.

Slow cutting(Causes/Remedies)

Blade becoming glazed due to use on material too hard for bond/To sharpen blade,make fast(3-4m/min) shallow(3-10mm deep)passed in the material being cut,or in sandstone or asphalt for quicker results.

Excessive cutting pressure,high shaft RPM,low machine HP or drive belts loose/tune engine according to manufacturer's manual.

Blade wobbles(Causes/Remedies)

Incorrect mounting of blade/remount blade correctly.

Worn bearings or bent shaft/replace worn bearing or blade shaft.

Blade RPM too high or incorrect tension/ensure blade is running at correct RPM.

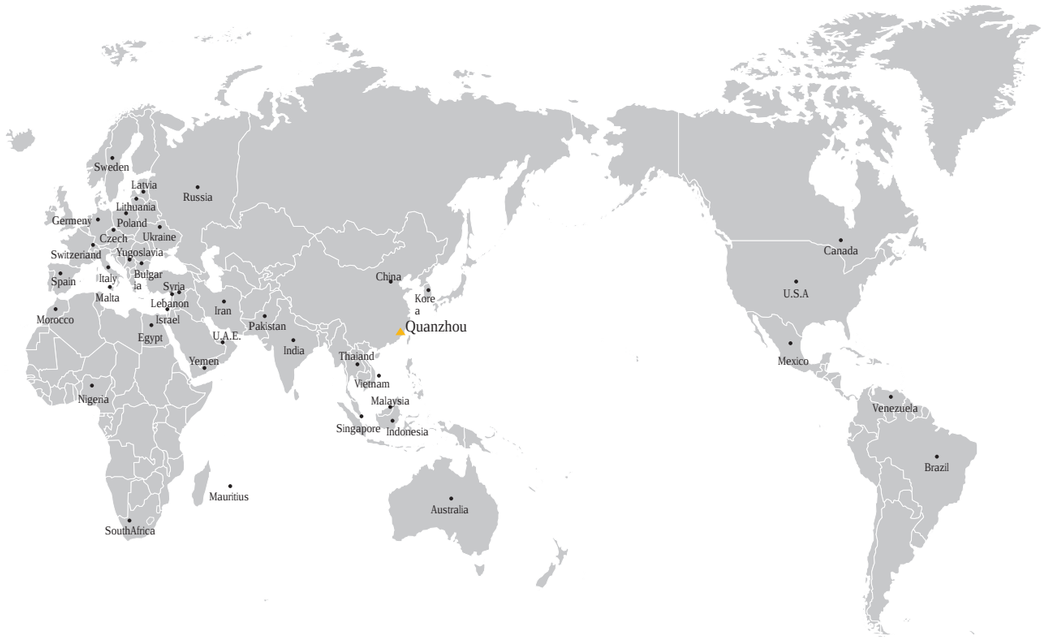
Uneven segment wear

Check bearings and spindle for machine alignment and equal water supply to both sides of blade.

Abnormal wear

Usually caused by dirty water,insufficient water supply to blade,low powered drive motor,worn bearings or shaft,incorrect blade for material being cut.

SPECIAL SHAPE TOOLS



Marketing system

At present, 85% of our products are exported to Europe, Amercia, Middle East, Southeast Asia with more than 120 countries in the world as well as some domestic market.

Customer-orientation is the core of our marketing strategy with the start of customers* satisfaction and expectation. At the same time, we take our partners* benefits into consideration. Before sales, we build specific regional marketing mode according to product differentiation and users* regionalization. After sales, our production capacity, technology and quality are supported by concerned department, including production, R&D department, and quality control department.

Before sales, we divide our salesperson into four groups to take charge in overseas market according to different areas with different applications and different culture, including European group, American group, Middle East group, and Southeast group. Each group is composed of an experienced supervisor, some salesperson and 2-3 technical consultants.

After sales, we introduce plenty of advanced equipments to improve production efficiency and keep low cost. We keep our words to provide products to meet changing market for customers. In the past decades, we focus on introducing and training talents as well as keeping long term cooperation with famous colleges and universities which keeps our product*s research and development in the front rank of China diamond tool field. All of our products are strictly controlled from raw material to finished products by adopting advanced technology and quality control system. Our efforts have gained good reputation from partners and customers.

Our after-sales people



We have an experienced team, offering our customers additional benefits with Application-specific advice, both by phone and on site, by our after-sales and field service, our product management staff, engineers and technicians.

We offer opportunities of testing/using/practice in our tool factory or stone factory for those new users who are not familiar with ZHONGZHI's products.

Reliable delivery based on detailed planning, well-planned logistics, and a high degree of operating flexibility through our order service department.

Highly-developed basic research to generate know-how and manufacture tools with a technical standard that leads the world, meeting the high requirements of our customers.

Guarantees/Warranties/Terms and Conditions





If our product has any quality problem, we will make prompt response to customers' requests.

"ZHONGZHI" guarantees its products against defects in materials and workmanship for six months from the date of purchase.This warranty is exclusively limited to the replacement or repair of defective products at "ZHONGZHI" 's option, free of charge.

"ZHONGZHI" promise to reply with resonable explain within 48 hours (Not including holiday) on receipt of any customer's Feedback or complaint. Our office or agent in Germany, Polland, Ukraine, Russia, Australia,Spain,and Swiss, etc.. They can inspect the using conditions and give a most suitable solution.

"ZHONGZHI" reserves right to pro-rate any warranty based on tool life prior to failure.

The warranty does not cover damages caused by abuse, misuse or normal wear from usage. Before the using, we will supply new users the best parameters for reference.

This user assumes the responsibility of determining the suitability of the products for his intended use.

In no event shall "ZHONGZHI" be reliable for incidental or consequential damages of any kind whatsoever.



ZHONGZHI BRAND FUTURE

We are a cohesive company.

With great solidarity, we offer our customers the most qualified products and the best service persistently.

We devote ourselves to researching and developing diamond tools, in providing the most feasible solution to our business partners and building good reputation of *ZHONGZHI* brand in diamond tools industry.

At any time, we build the value of *ZHONGZHI* based on the quality of our products and common development with all customers. It is our best wishes to take customers* benefits as our own business and convert our products* advantage into customers* competitive advantages.

Basing on integrity, we regard innovation as the core in our development. Striving for excellent quality and service through continous improvement allows Zhongzhi to stay in the front rank of China diamond tool field. ZHONGZHI, a Chinese brand, a respectable enterprise in the diamond tools industry is right in front of you.