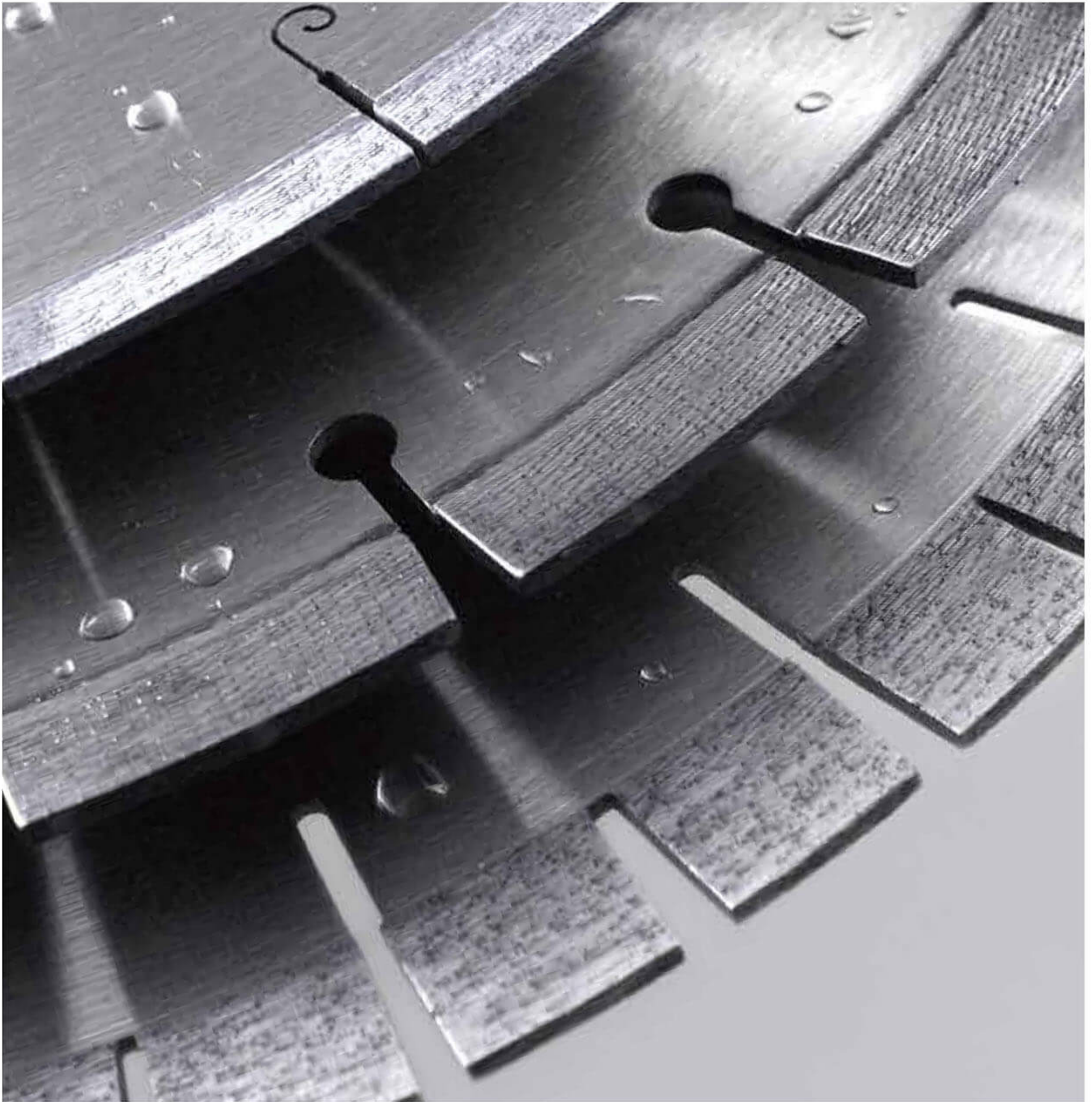




www.smartdiam.com

**Smart Diamond Tools
Manufacturing Co.,Ltd**



**A CUT
ABOVE THE REST
CATALOGUE E3**

About SMARTDIAM

Founded in 1995, in association with Zhengzhou Research Institute of Mechanical Engineering (ZRIME), Smartdiam has completed the legendary evolution from a distributor of GE synthetic diamond grain to a top manufacturer of diamond tools!

ZRIME's years of achievements in metallurgy and mechanical engineering, together with the advantage of its sophisticated equipment and state-of-the-art facilities, contribute to the outstanding core competency of Smartdiam, put it in a leading position in all aspects from R&D, manufacturing process and quality control.

Smartdiam's products portfolios cover ranges of tools manufactured in various methods - sintering, silver brazing, laser welding and vacuum brazing. All strictly comply with European Norms EN13236, which is certified by MPA certification. The company has received ISO9001 certification for years.

Thanks to the deployment of automatic machines and technological improvements, the over 30,000 m² factory is run by less than 100 employees. No matter the brand you use, rather world famous or branded with our own logo, you stand a good chance using a tool masterfully created by these well-trained hands and delivered around the world to both the skilled professionals and DIY warriors.

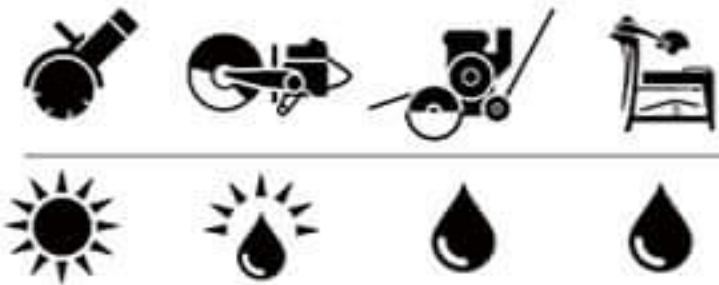
Yes, we are the obscure people who make the tools for you!



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LWSK-SDT

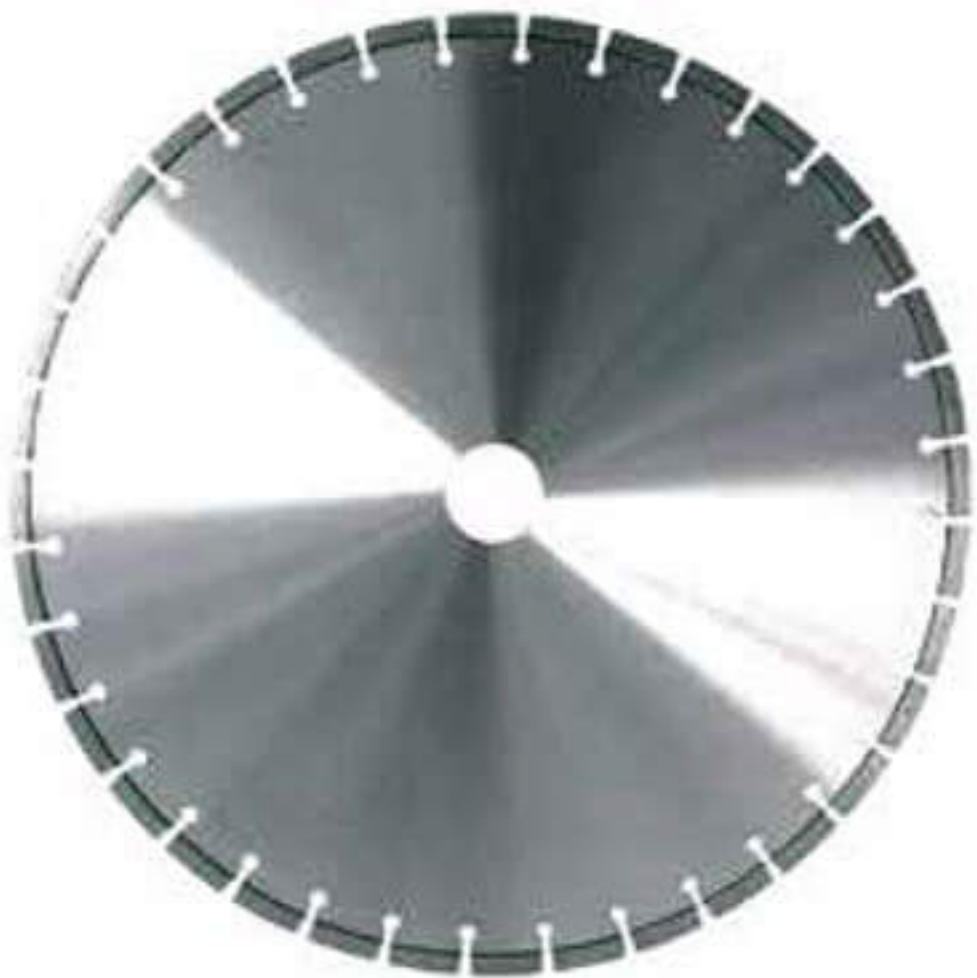


CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWSK230-SDT	230	9"	12	2.6	20	28
LWSK300-SDT	300	12"	12	3.0	20	36
LWSK350-SDT	350	14"	12	3.2	20	42
LWSK400-SDT	400	16"	12	3.5	20	48
LWSK350-SDT	350	14"	12	3.2	20	42
LWSK400-SDT	400	16"	12	3.5	20	48
LWSK450-SDT	450	18"	12	4.0	20	54

Features:Innovative split tilt turbo segments define this blade a wise choice for hard materials. Unique cooling holes prevent heat building up during cutting and reduce the noise to a new level low.

Application:All hard materials - flint concrete, heavy reinforced concrete, granite, extreme hard brick, clay pipe etc. Angle grinder, hand held saw and masonry saw are the best platform.

LWK

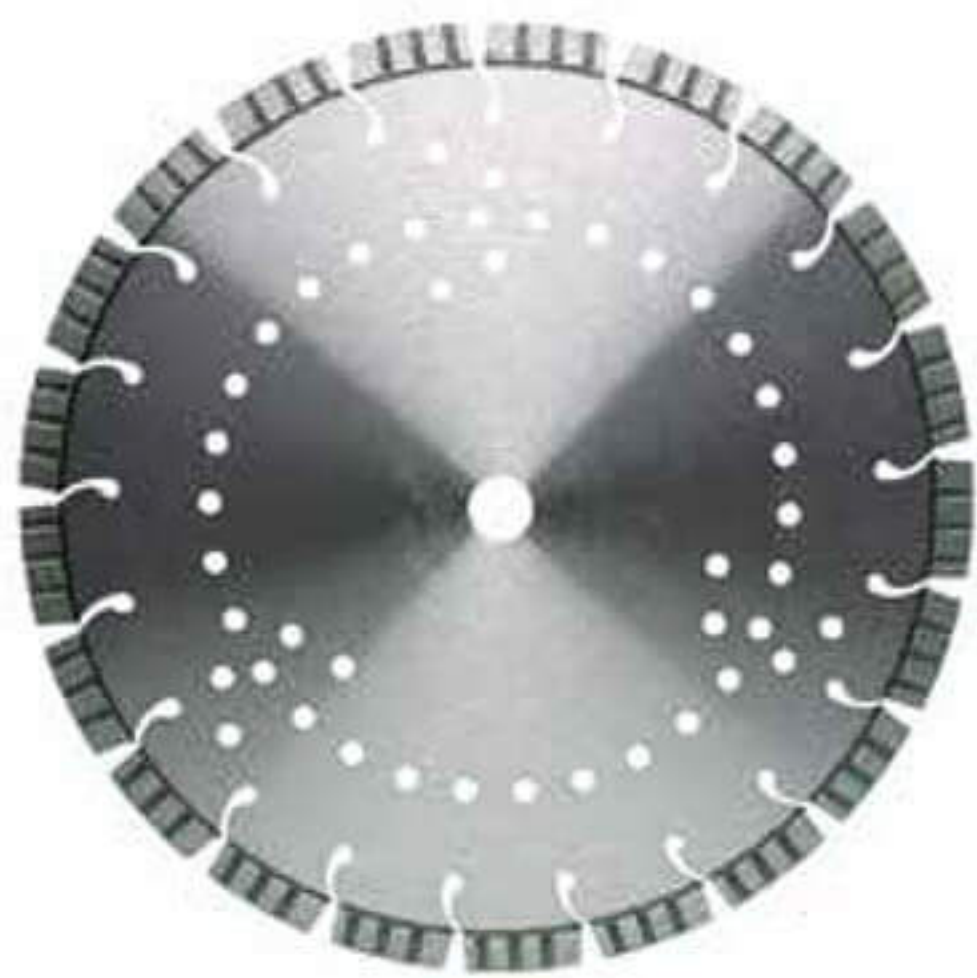


CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWK115	115	4.5"	10	2.3	30	9
LWK125	125	5"	10	2.3	32	9
LWK150	150	6"	10	2.6	40	9
LWK180	180	7"	10	2.6	32	14
LWK230	230	9"	10/12	2.6	38	16
LWK300	300	12"	10/12	3.0	38	21
LWK350	350	14"	10/12	3.2	40	24
LWK400	400	16"	10/12	3.5	38	28
LWK450	450	18"	10/12	4.0	38	32
LWK500	500	20"	10/12	4.0	38	36
LWK600	600	24"	10/12	4.5	40	42
LWK650	650	25"	10/12	4.5	40	45
LWK700	700	28"	10/12	4.5	38	50
LWK750	750	30"	10/12	4.5	38	54
LWK800	800	32"	10/12	4.7	40	56
LWK900	900	36"	10/12	4.7	40	62
LWK1000	1000	40"	10/12	5.4	40	70

Features:Classic key hole slots, flat segments well balance cutting speed and lifespan. Short leading time when ordering this product.

Application:General purpose including universal concrete, reinforced concrete, universal masonry, all civil engineering materials. Widely adapted bonds work perfectly on a variety of machines - angle grinder, hand held saw, masonry saw or 7-13 hp floor saw. Bonds for cured concrete used on 27-48hp and 55hp+ high power floor saws are also available.

LWW



CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWW230	230	9"	10	2.8	38	16
LWW300	300	12"	12	3.0	40	20
LWW350	350	14"	12	3.2	38	24
LWW400	400	16"	12	3.5	38	28
LWW450	450	18"	12	3.5	38	32

Features:Waterdrop shape gullets combined with wide castled segments make this blade a good choice for speed cutting.

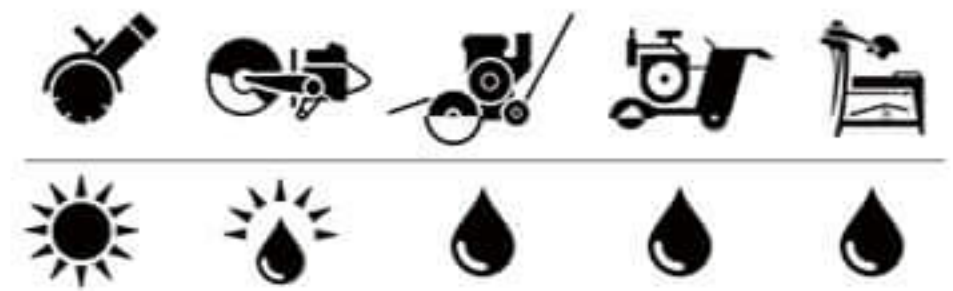
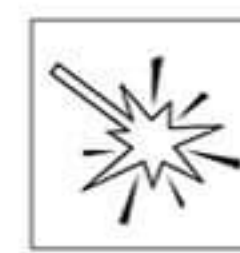
Application:Bonds are specially designed for hard materials like hard concrete, reinforced concrete, masonry stone etc. Ideal for angle grinder, hand held saw or masonry saw.

LWUFU

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWUFU230	230	9"	10/12	2.6	38	16
LWUFU250	250	10"	10/12	2.6	40	16
LWUFU300	300	12"	10/12	3.0	20	36
LWUFU350	350	14"	10/12	3.2	40	24
LWUFU400	400	16"	10/12	3.5	38	28
LWUFU450	450	18"	10/12	4.0	38	32
LWUFU500	500	20"	10/12	4.0	38	36
LWUFU550	550	22"	10/12	4.0	38	39
LWUFU600	600	24"	10/12	4.5	40	42

Features: Narrow U gullets give less wind whistle and better finishing. With flat segments, cutting speed and lifespan are well balanced.

Application: General purpose including universal concrete, reinforced concrete, universal masonry, all civil engineering materials. Cross platform bonds perform well on all machines - angle grinder, hand held saw, masonry saw or 7-13 hp floor saw.

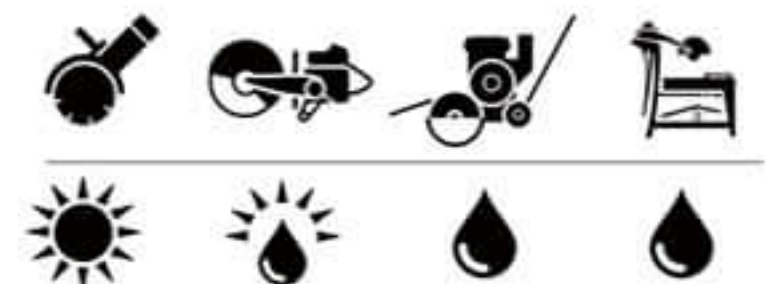
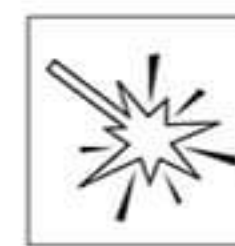


LWSFU-FAN

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWSFU115-FAN	115	4.5"	13	2.3	32	8
LWSFU125-FAN	125	5"	13	2.3	32	9
LWSFU230-FAN	230	9"	13	2.6	38.5	15
LWSFU300-FAN	300	12"	13	3.0	38.5	20
LWSFU350-FAN	350	14"	13	3.2	38.5	24
LWSFU400-FAN	400	16"	13	3.5	38.5	28
LWSFU450-FAN	450	18"	13	4.0	38.5	32
LWSFU500-FAN	500	20"	13	4.0	38.5	36

Features: Ultra-high-compression technique is applied to these fan-shaped segments, which effectively extend the blade's lifespan. The narrower inter-segment space, together with the dynamic slant narrow U gullet, leave users an extremely smooth cutting experience.

Application: General purpose including universal concrete, reinforced concrete, universal masonry, all civil engineering materials. Widely adapted bonds work perfectly on all machines - angle grinder, hand held saw, masonry saw or 7-13 hp floor saw.

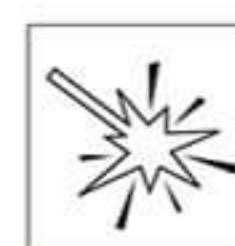
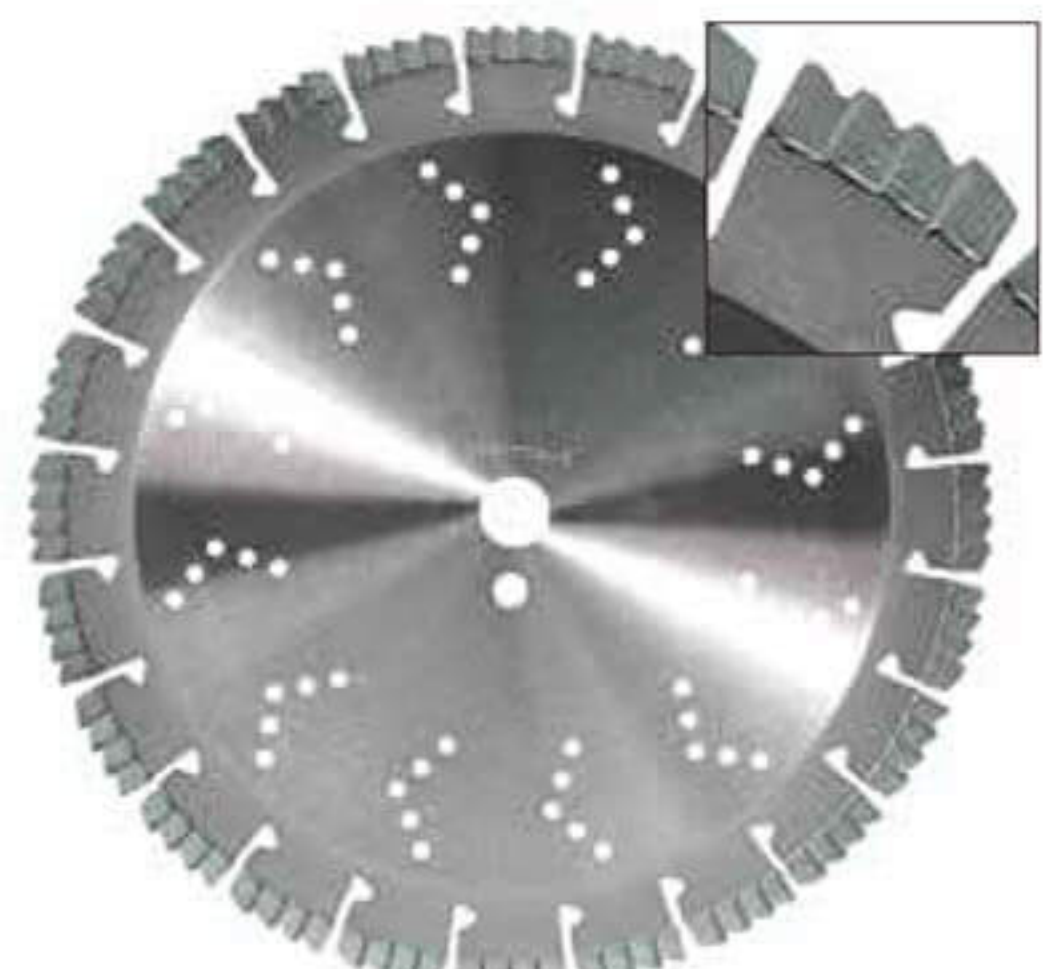


LW-SW

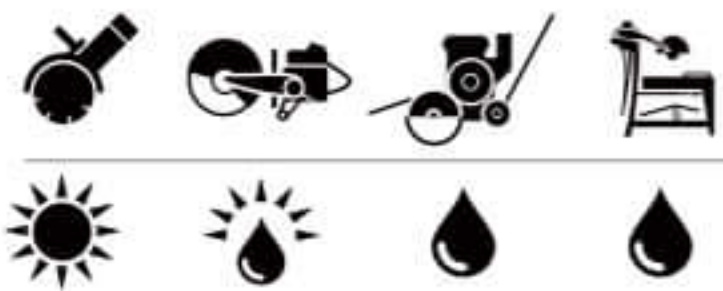
CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LW115-SW	115	4.5"	12	2.3	32	8
LW125-SW	125	5"	12	2.3	32	9
LW230-SW	230	9"	13	2.6	40	15
LW300-SW	300	12"	13	3.0	40	20
LW350-SW	350	14"	13	3.2	40	24
LW400-SW	400	16"	13	3.5	40	28
LW450-SW	450	18"	13	4.0	40	30

Features: New generation blade with bionics design inspired by the swordfish's back fin. Streamline ladder-shape side turbo offers a smooth cutting with the least friction, wave turbo top secures a fast penetration, 13mm segment height provides a high cost performance ratio.

Application: Epic new bond allows this blade a super power on all hard materials - flint concrete, heavy reinforced concrete, granite, extreme hard brick, RSJ, clay pipe etc. compatible to all machines including angle grinder, hand held saw, masonry saw or 7-13 hp floor saw.



LWFUT



CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWFUT230	230	9"	10/12/15	2.6	38	16
LWFUT300	300	12"	10/12/15	3.0	40	20
LWFUT350	350	14"	10/12/15	3.2	40	24
LWFUT400	400	16"	10/12/15	3.5	38	28
LWFUT450	450	18"	10/12	4.0	38	32
LWFUT500	500	20"	10/12	4.0	38	36
LWFUT600	600	24"	10	4.5	40	42

Features: Narrow U gullets give less wind whistle and better finishing. Turbo segments are more efficient in discharging slurry, together with the specially engineered soft bonds, cutting speed is guaranteed.

Application: General purpose including universal concrete, reinforced concrete, universal masonry, all civil engineering materials. Widely adapted bonds work perfectly no matter on angle grinder, hand held saw, masonry saw or 7-13 hp floor saw.

LWKT

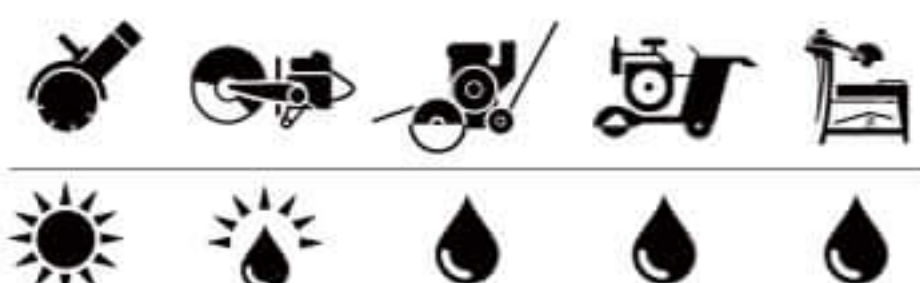
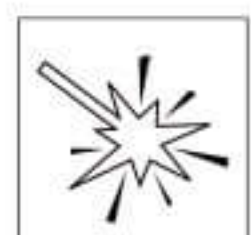
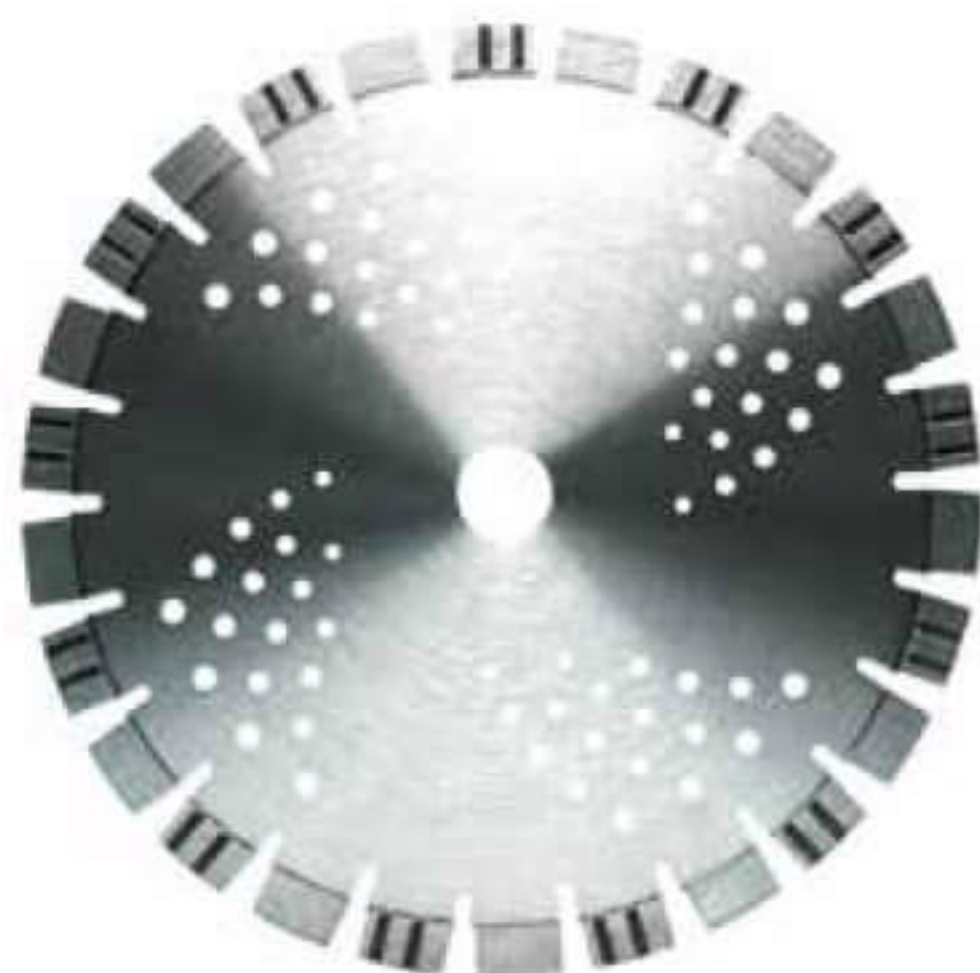


CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWKT115	115	4.5"	10/12	2.3	34	8
LWKT125	125	5"	10/12	2.3	32	9
LWKT150	150	6"	10/12	2.6	40	9
LWKT180	180	7"	10/12	2.6	32	14
LWKT230	230	9"	10/12/15	2.6	38	16
LWKT300	300	12"	10/12/15	3.0	38	21
LWKT350	350	14"	10/12/15	3.2	40	24
LWKT400	400	16"	10/12/15	3.5	38	28
LWKT450	450	18"	10/12/15	4.0	38	32
LWKT500	500	20"	10/12	4.0	38	36
LWKT600	600	24"	10/12	4.5	40	42

Features: Classic key hole slots, turbo segments, with improved cutting speed while still remains a long life. Short leading time when place order.

Application: General purpose including universal concrete, reinforced concrete, universal masonry, all civil engineering materials. Widely adapted bonds work perfectly with all machines - angle grinder, hand held saw, masonry saw and 7-13 hp floor saw. Bonds for cured concrete used on 27-48hp floor saw are available as well.

LWU-ALT



CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWU230-ALT	230	9"	12	2.6	20	26
LWU300-ALT	300	12"	12	3.0	20	36
LWU350-ALT	350	14"	12	3.2	20	40
LWU400-ALT	400	16"	12	3.5	20	48
LWU450-ALT	450	18"	12	3.5	20	54

Features: Wide U gullets combined with narrow segments speed up the cutting significantly.

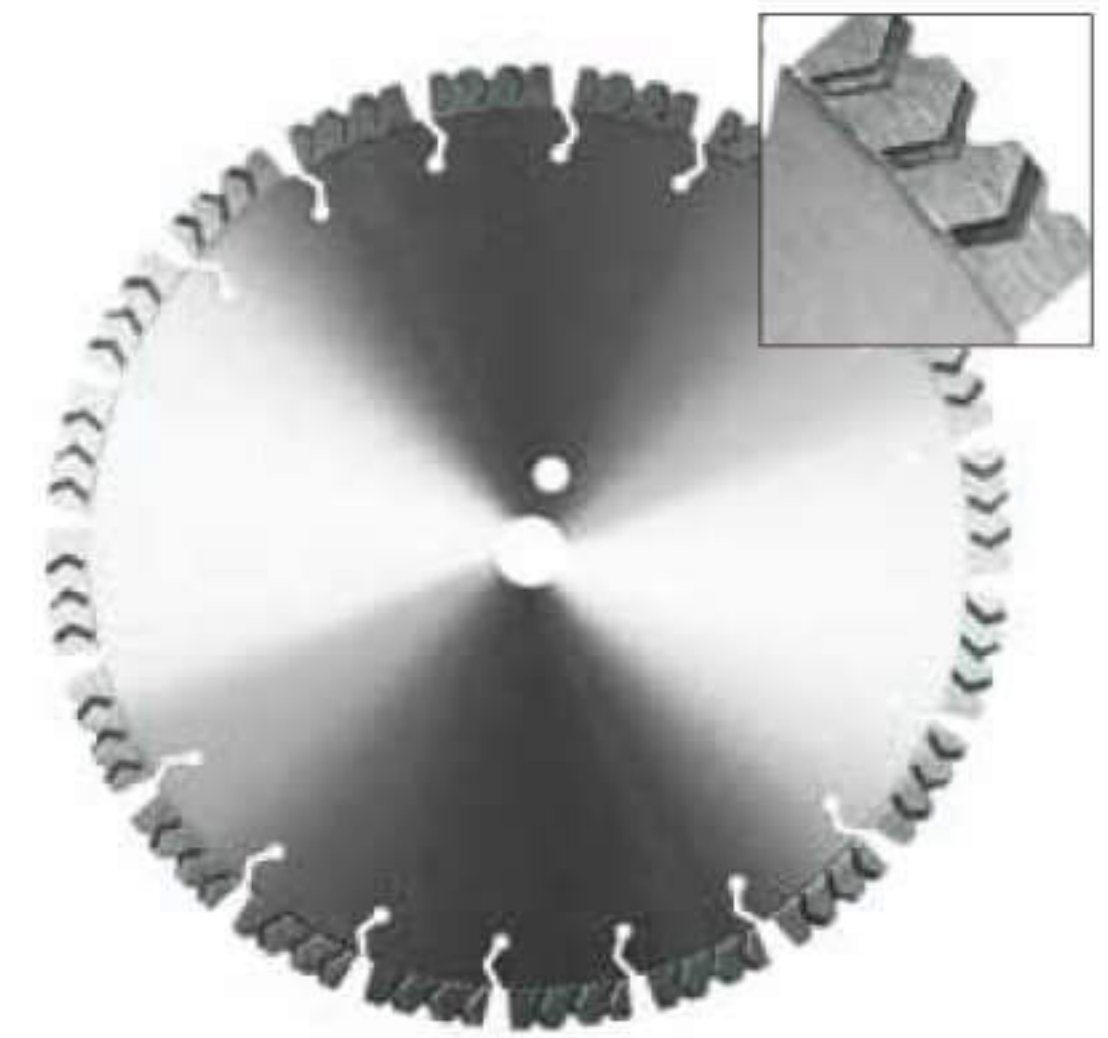
Application: A good choice when coming across hard materials like hard concrete, reinforced concrete, masonry stone etc. Ideal for angle grinder, hand held saw or masonry saw.

LW-CV

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LW230-CV	230	9"	15	2.6	42	14
LW300-CV	300	12"	15	3.0	46	18
LW350-CV	350	14"	15	3.2	46	20
LW400-CV	400	16"	15	3.5	46	24
LW450-CV	450	18"	15	4.0	46	27

Features:Groundbreaking design of segments with Chevron shaped sides with a turbo and zigzag top, shameless 15mm height, arrow gullets, corresponding cooling holes, specially bonded for hard materials. All of these features give this alien looking blade amazing power!

Application:All hard materials - flint concrete, heavy reinforced concrete, granite, extreme hard brick, RSJ, clay pipe etc. compatible to all machines including angle grinder, hand held saw, masonry saw and 7-13 hp floor saw.

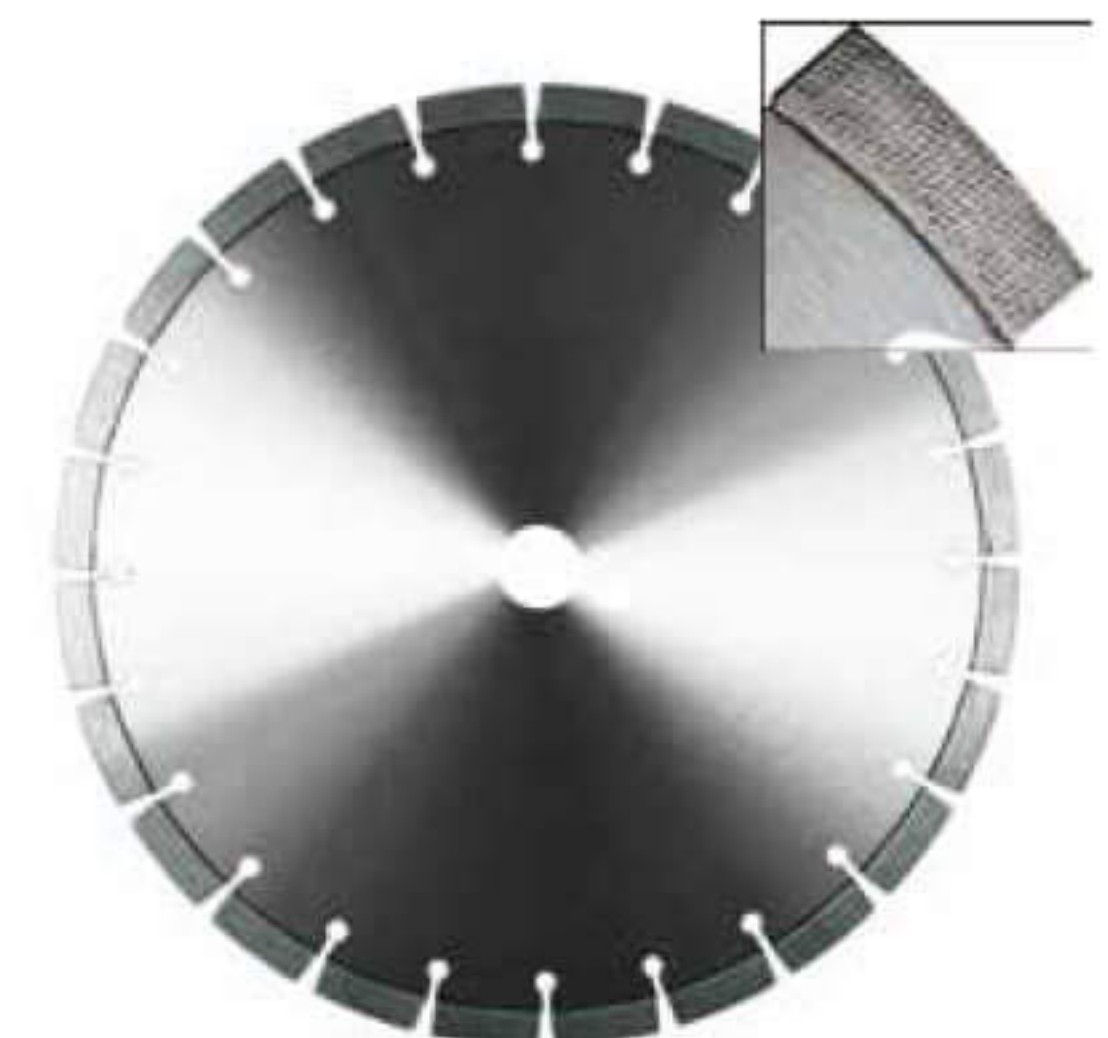


LWK-MTX

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWK115-MTX	115	4.5"	12	2.3	30	9
LWK125-MTX	125	5"	12	2.3	32	9
LWK150-MTX	150	6"	12	2.6	40	9
LWK180-MTX	180	7"	12	2.6	32	14
LWK230-MTX	230	9"	12	2.6	38	16
LWK300-MTX	300	12"	12	3.0	38	21
LWK350-MTX	350	14"	12	3.2	40	24
LWK400-MTX	400	16"	12	3.5	38	28
LWK450-MTX	450	18"	12	4.0	38	32
LWK500-MTX	500	20"	12	4.0	38	36
LWK600-MTX	600	24"	12	4.5	40	42
LWK650-MTX	650	25"	12	4.5	40	45
LWK700-MTX	700	28"	12	4.5	38	50
LWK750-MTX	750	30"	12	4.5	38	54
LWK800-MTX	800	32"	12	4.7	40	56
LWK900-MTX	900	36"	12	4.7	40	62
LWK1000-MTX	1000	40"	12	5.4	40	70

Features:Advanced diamond-even-distribution technology, each diamond granule is valued and made the best use of, which contribute to a much faster and smoother cutting experience.

Application:Ideal for hard materials like flint concrete, hard granite etc when the "normal" blades can not do the job. Widely adapted bonds work perfectly on all machines- angle grinder, hand held saw, masonry saw or 7-13 hp floor saw. Bonds for cured concrete used on 27- 48hp and 55hp+ high power floor saws are available also.

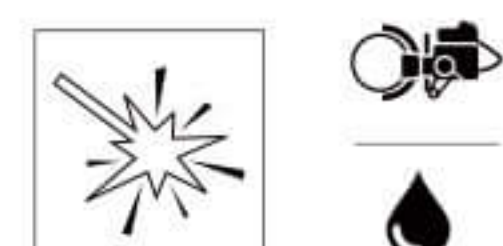


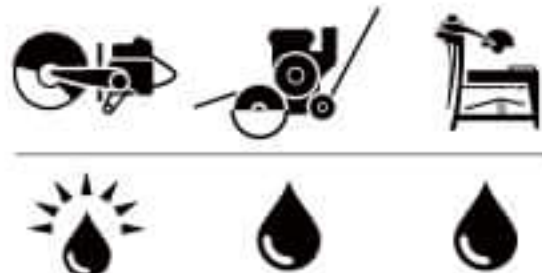
LWRS

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWRS350	350	14"	10	4.2	33	22

Features:10mm high segments and diamond-even-distribution segments are available now. that makes this blade a much affordable solution for the extra depth cutting, up to 370 mm OD for a 14" blade.

Application:Cured concrete, reinforced concrete, brick, block.



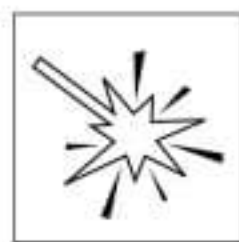
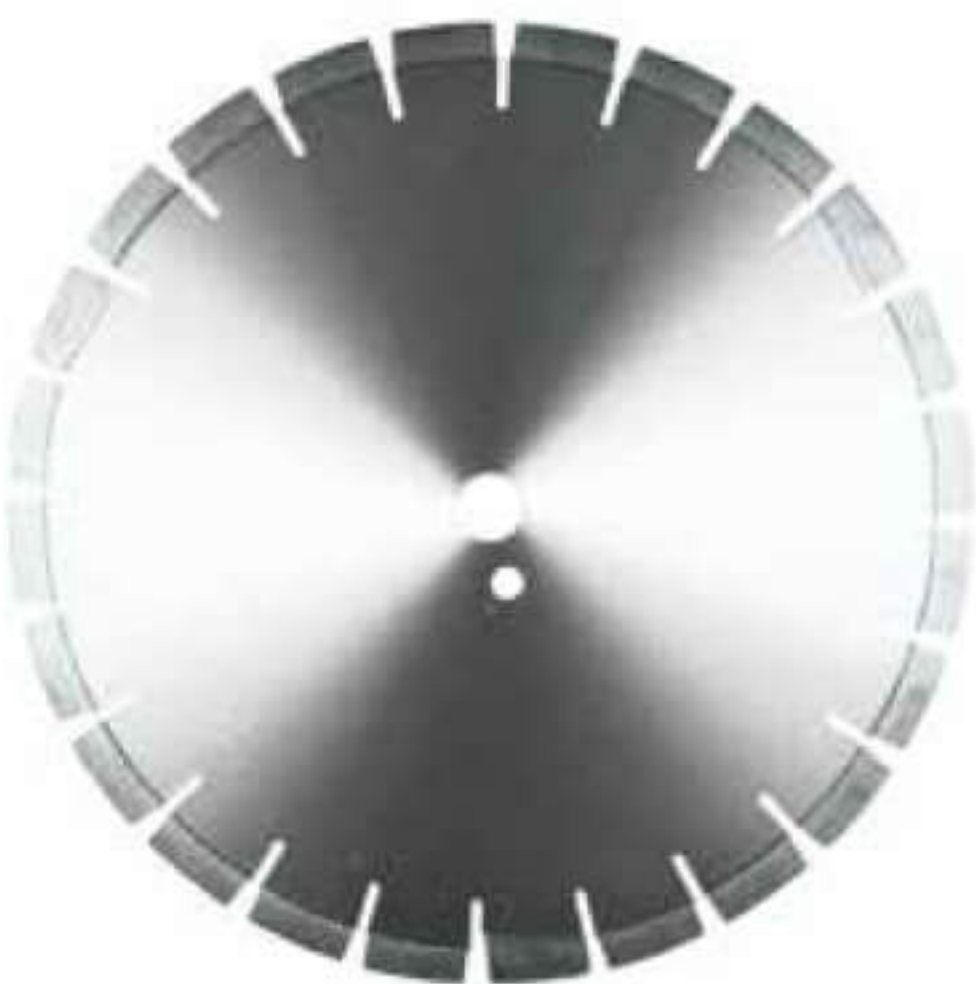


LWUP-D-FAN

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWUP-D-300-FAN	300	12"	13	3.0	38.5	18(3)
LWUP-D-350-FAN	350	14"	13	3.2	38.5	21(3)
LWUP-D-400-FAN	400	16"	13	3.5	38.5	24(4)
LWUP-D-450-FAN	450	18"	13	4.0	38.5	28(4)

Features: Where Ultra-high-compression technique meets a Dual Purpose bond, with wide U gullets, a high efficient and wide application blade jumps out!

Application: General concrete and asphalt, ideal for hand held saw, masonry saw or 7-13 hp floor saw.

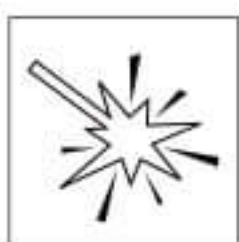


LWDUP-W

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWDUP-W-300	300	12"	10/12	3.2	38	21(3)
LWDUP-W-350	350	14"	10/12	3.2	38	24(3)
LWDUP-W-400	400	16"	10/12	3.5	38	28(4)
LWDUP-W-450	450	18"	10/12	4.0	38	32(4)
LWDUP-W-500	500	20"	10/12	4.0	38	35(5)
LWDUP-W-600	600	24"	10/12	4.5	38	42(6)

Features: Deep narrow U gullets, wedge segment undercut protection, thanks to the creative development of the Dual Purpose bond, it extends this blade's application widely from hard to abrasive materials.

Application: Concrete and asphalt, compatible to hand held saw, masonry saw and 7-13 hp floor saw.



LWKP-D-FAN

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWKP-D-300-FAN	300	12"	13	3.0	38.5	18(3)
LWKP-D-350-FAN	350	14"	13	3.2	38.5	21(3)
LWKP-D-400-FAN	400	16"	13	3.5	38.5	24(4)
LWKP-D-450-FAN	450	18"	13	4.0	38.5	28(4)

Features: Ultra-high-compression technique contributes to the extended lifespan, thinner inter-segment space, offers a smoother cutting experience.

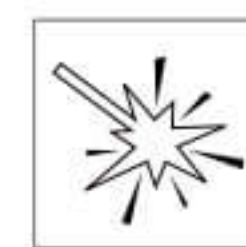
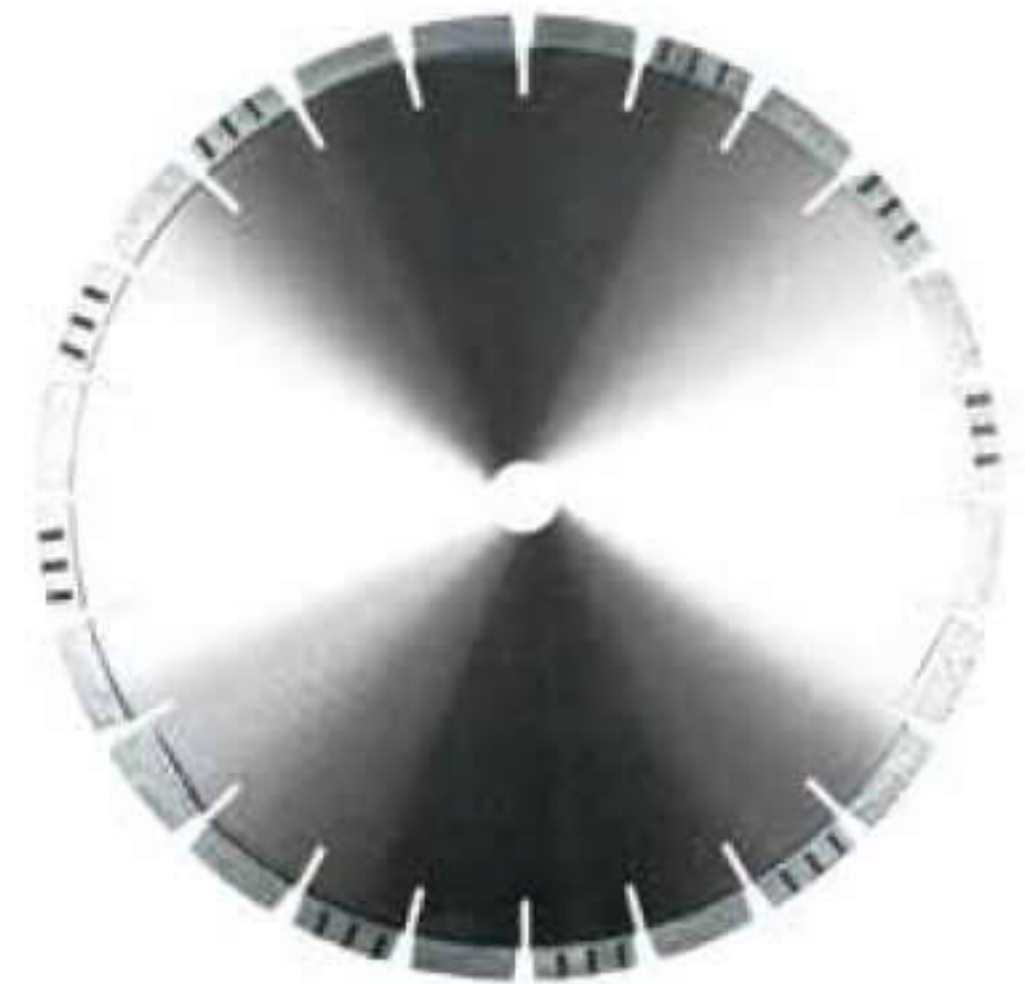
Application: Specially designed Dual Purpose bond lets this blade work well both on concrete and asphalt. It suitable for hand held saw, masonry saw or 7-13 hp floor saw.

LWDUP-W-ALT

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWDUP-W-300-ALT	300	12"	10/12	3.2	38	21(3)
LWDUP-W-350-ALT	350	14"	10/12	3.2	38	24(3)
LWDUP-W-400-ALT	400	16"	10/12	3.5	38	28(4)
LWDUP-W-450-ALT	450	18"	10/12	4.0	38	32(4)

Features: Deep U gullets, turbo-flat-alternated segments pattern, evolutionary wedge segment undercut protection, build up the DNA of this all-round champion blade! Switches freely between hard and abrasive materials, the ONLY blade you need.

Application: Epic new bond backs this blade up to all materials from flint concrete, heavy reinforced concrete, green concrete, steel bar, RSJ to tarmac and asphalt. It can handle them all! Compatible to angle grinder, hand held saw, masonry saw and 7-13 hp floor saw.

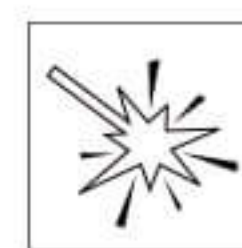


LWSFUP-D-ALT

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWSFUP-D-230ALT	230	9"	10	2.8	38	16(2)
LWSFUP-D-300ALT	300	12"	12	3.0	40	20(4)
LWSFUP-D-350ALT	350	14"	12	3.2	38	24(3)
LWSFUP-D-400ALT	400	16"	12	3.5	38	28(4)
LWSFUP-D-450ALT	450	18"	12	3.5	38	32(4)

Features: Deep slant U gullets, turbo-flat-alternated segments pattern, evolutionary drop-segment undercut protection, make up the DNA of this all-round champion blade! Switches freely between hard and abrasive materials, the ONLY blade you need.

Application: Epic new bond backs this blade up to all materials from flint concrete, heavy reinforced concrete, green concrete, steel bar, RSJ to tarmac and asphalt. It can handle them all! Compatible to angle grinder, hand held saw, masonry saw and 7-13 hp floor saw.



LWSKP-D-ALT

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWSKP-D-230ALT	230	9"	10	2.8	38	16(2)
LWSKP-D-300ALT	300	12"	12	3.0	40	20(4)
LWSKP-D-350ALT	350	14"	12	3.2	38	24(3)
LWSKP-D-400ALT	400	16"	12	3.5	38	28(4)
LWSKP-D-450ALT	450	18"	12	3.5	38	32(4)

Features: Deep slant key gullets, turbo-flat-alternated segments pattern, evolutionary drop-segment undercut protection, construct the DNA of this all-round champion blade! Switches freely between hard and abrasive materials, the ONLY blade you need.

Application: Epic new bond backs this blade up to all materials from flint concrete, heavy reinforced concrete, green concrete, steel bar, RSJ to tarmac and asphalt. It can handle them all! Compatible to angle grinder, hand held saw, masonry saw and 7-13 hp floor saw.



LWUP-D/S/W

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWUP230-D/S/W	230	9"	10	2.6	36	15(3)
LWUP300-D/S/W	300	12"	10/12/1	3.2	38	18(3)
LWUP350-D/S/W	350	14"	10/12/1	3.5	38	21(3)
LWUP400-D/S/W	400	16"	10/12/1	3.5	38	24(4)
LWUP450-D/S/W	450	18"	10/12/1	4.0	38	28(4)
LWUP500-D/S/W	500	20"	10/12/1	4.0	40	30(5)
LWUP600-D/S/W	600	24"	10/12/1	4.5	40	36(6)
LWUP650-D/S/W	650	25"	10	4.5	38	40(5)
LWUP700-D/S/W	700	28"	10	4.7	40	42(7)
LWUP800-D/S/W	800	32"	10	4.7	40	49(7)
LWUP900-D/S/W	900	36"	10	4.7	40	54(9)

Features: Wide U gullets Contribute to a higher cutting speed. All three types of undercut protection are available.

-D: Drop segment, the most common way to protect the segments from undercut.

-S: Slant segment, designed to achieve self-protection when providing protection.

-W: Wedge segment, designed to protect with self-protection, it also provides a smoother cutting experience.

Application: Abrasive materials, good for asphalt over concrete, tarmac, asphalt etc. A wise choice for hand held saw and floor saw 7-13hp. Bonds for 27- 48hp floor saw are at your service.

LWKP-D/S/W

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
LWKP300-D/S/W	300	12"	10/12	3.0	38	21(3)
LWKP350-D/S/W	350	14"	10/12	3.2	40	24(3)
LWKP400-D/S/W	400	16"	10/12	3.5	38	28(4)
LWKP450-D/S/W	450	18"	10/12	4.0	38	32(4)
LWKP500-D/S/W	500	20"	10/12	4.0	38	36(4)
LWKP600-D/S/W	600	24"	10/12	4.5	40	42(6)
LWKP650-D/S/W	650	25"	10/12	4.5	40	45(5)
LWKP700-D/S/W	700	28"	10/12	4.7	40	49(7)
LWKP750-D/S/W	750	30"	10/12	4.7	38	54(9)
LWKP800-D/S/W	800	32"	10/12	4.7	40	56(8)
LWKP900-D/S/W	900	36"	10/12	4.7	40	64(8)

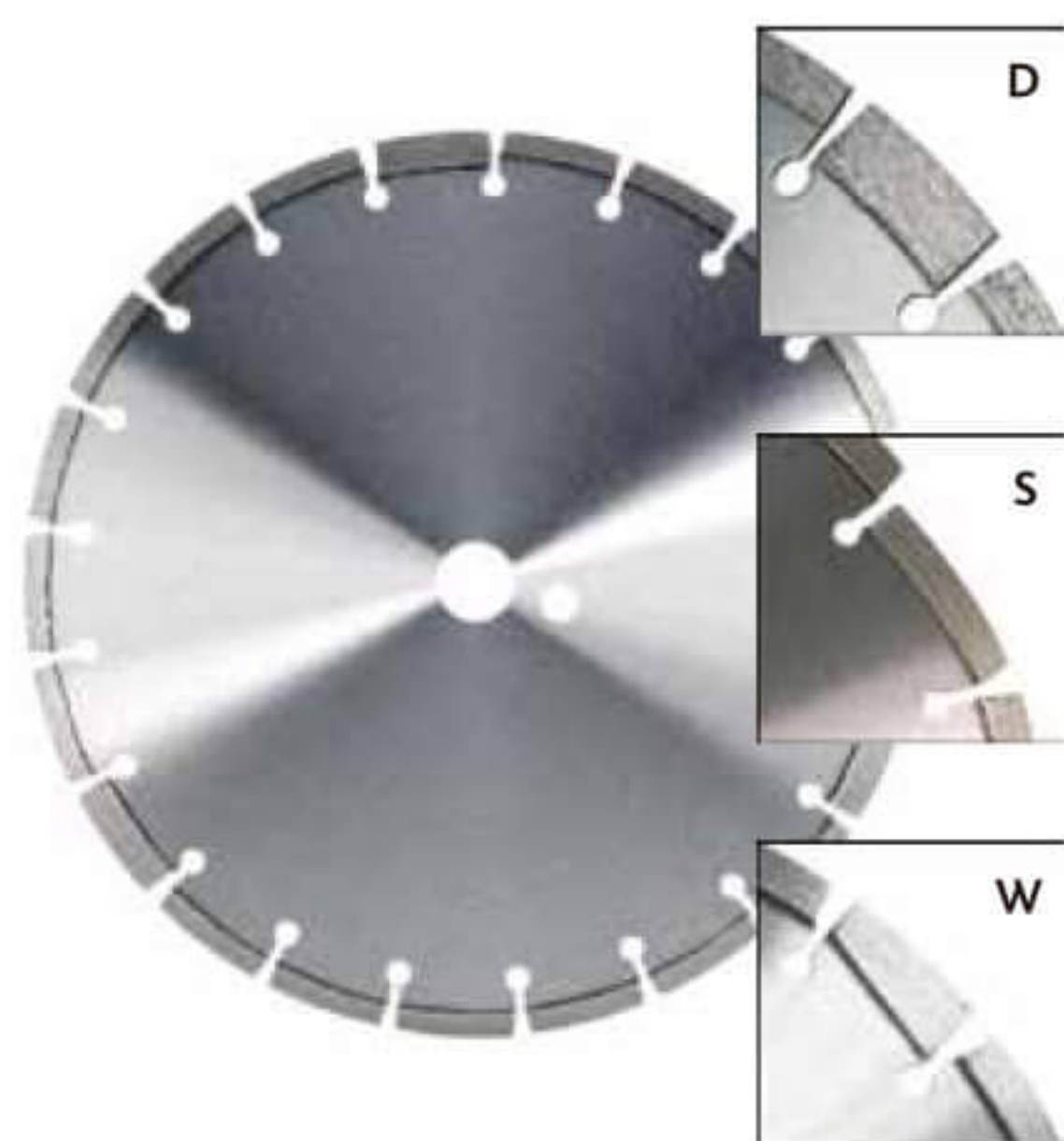
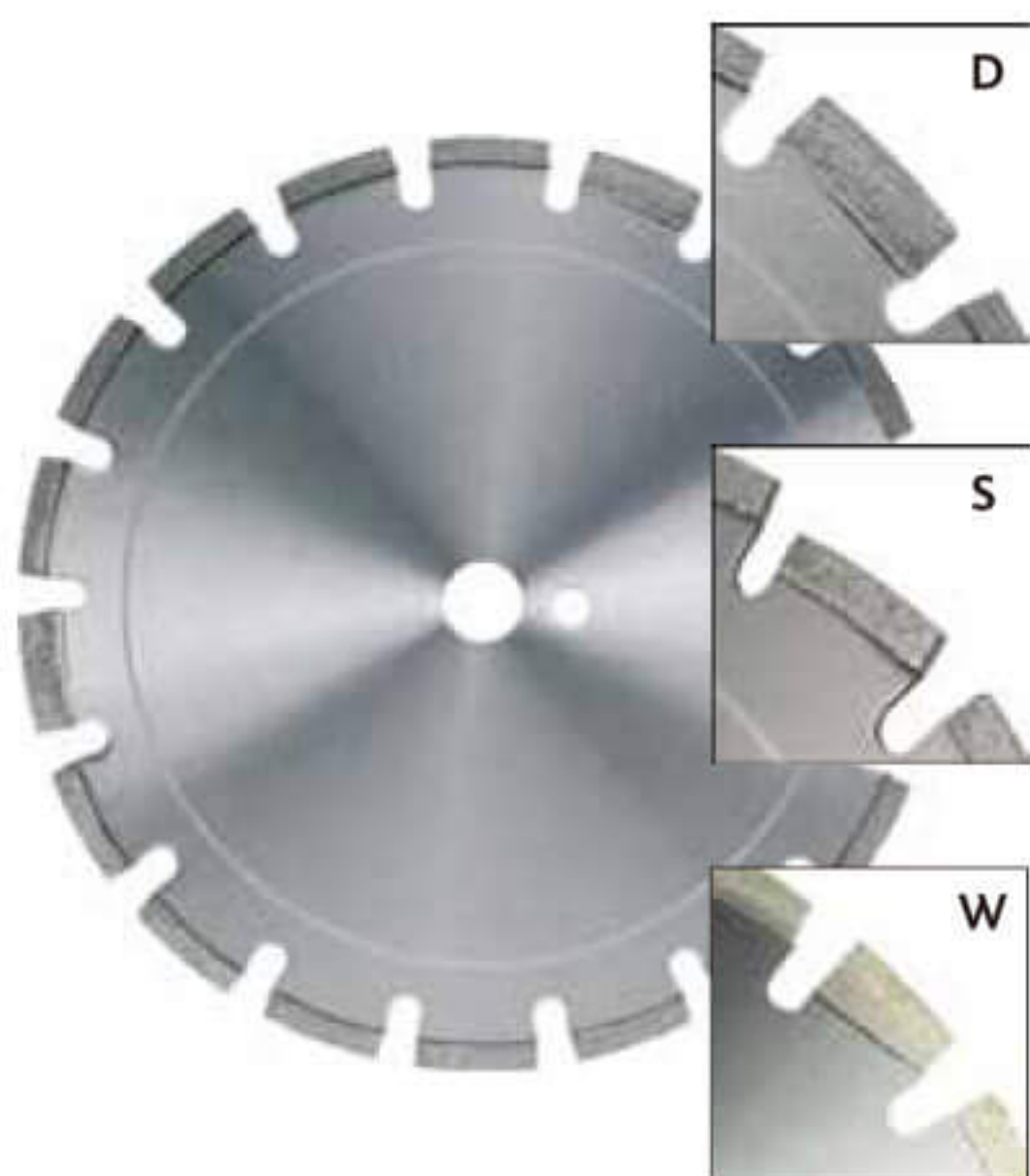
Features: Classic key hole slots, well balance cutting speed and lifespan. Provided with three types of undercut protection.

-D: Drop-segment, the most common way to protect the segments from undercut.

-S: Slant segment, designed to achieve self-protection when providing protection.

-W: Wedge segment, designed to protect with self-protection, it also provides a smooth cutting experience.

Application: Abrasive materials like Green concrete, asphalt over concrete, sandstone, tarmac, asphalt etc. Suitable for hand held saw, masonry saw or 7-13 hp floor saw. Bonds for 27- 48hp floor saw are available.

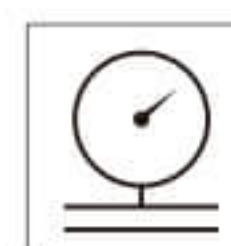


CPC

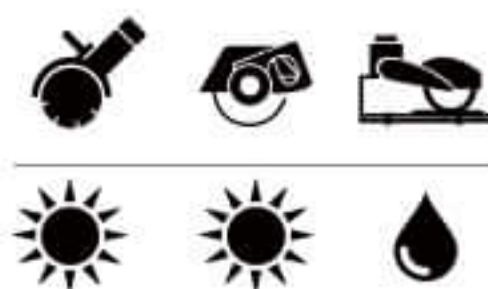
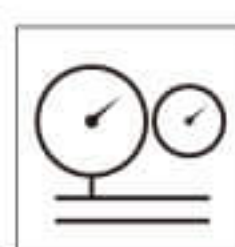
CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
CPC105	105	4"	8/10	1.9		
CPC115	115	4.5"	8/10	1.9		
CPC125	125	5"	8/10	2.2		
CPC180	180	7"	8/10	2.2		
CPC230	230	9"	8/10	2.4		
CPC300	300	12"	8/10	3.2		
CPC350	350	14"	8/10	3.2		

Features: A trustworthy blade with a continuous rim that always gives clean finishing.

Application: Ceramic tile, porcelain, marble.



HPC



CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPC105	105	4"	8/10	1.6		
HPC115	115	4.5"	8/10	1.6		
HPC125	125	5"	8/10	1.6		
HPC150	150	6"	8/10	1.8		
HPC180	180	7"	8/10	1.8		
HPC200	200	8"	8/10	1.8		
HPC230	230	9"	8/10	2.0		
HPC250	250	10"	8/10	2.0		
HPC300	300	12"	8/10	2.4		
HPC350	350	14"	8/10	2.8		

Features: A hot pressed continuous rim blade with various diamond grit sizes. Thanks to better level of tolerance and runout, this blade cuts faster with a clean finishing. To release the stress, various laser cut-outs around rim are available.

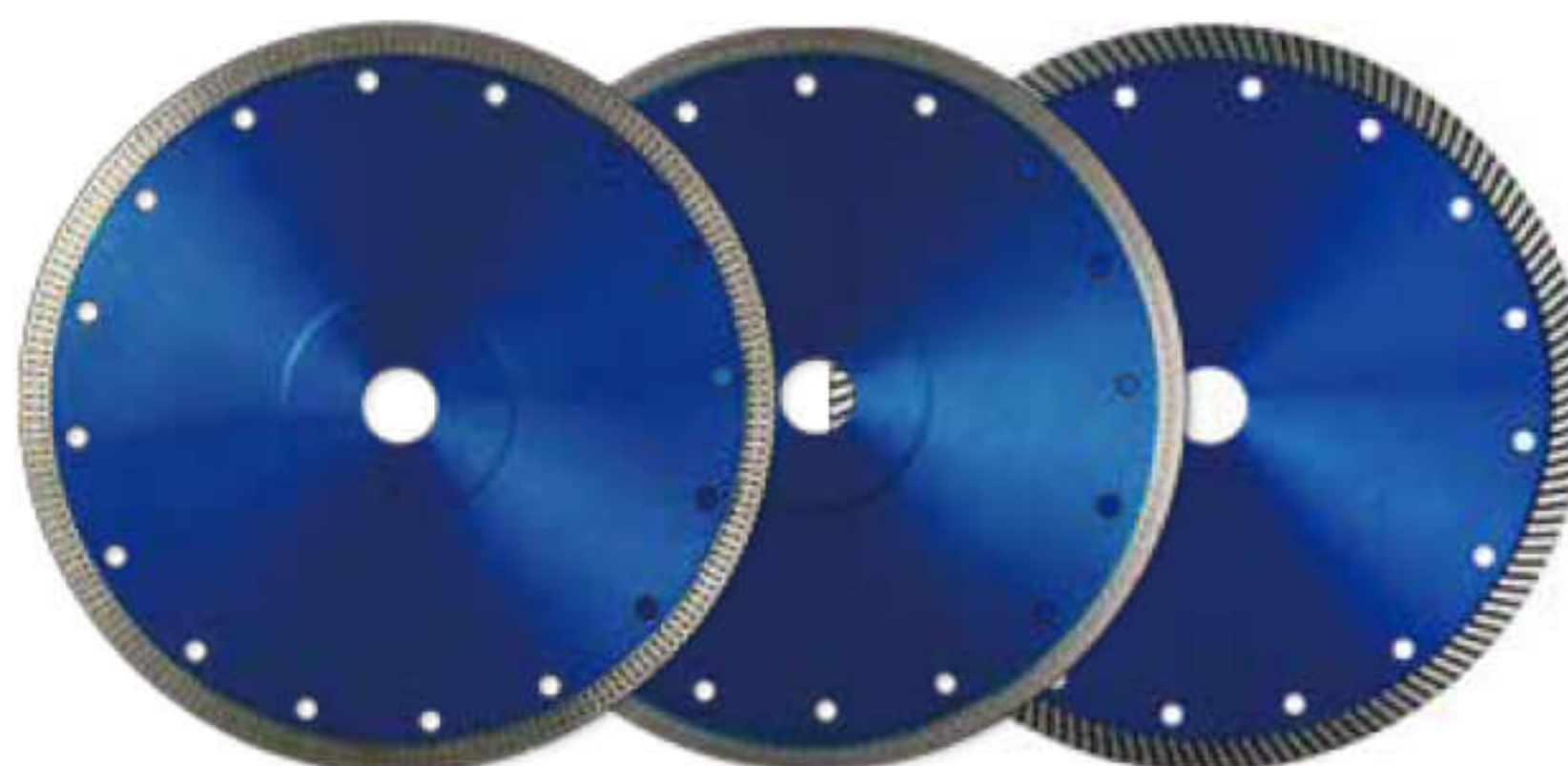
Application: Ceramic tile, glazed tile, porcelain, stoneware, marble.

HPCSST

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPCSST	115	4.5"	8/10	1.4		
HPCSST	125	5"	8/10	1.4		
HPCSST	180	7"	8/10	1.6		
HPCSST	200	8"	8/10	1.6		
HPCSST	230	9"	8/10	1.8		

Features: Ultra-thin edge, specially designed dry cutting bond, reinforced center, all contribute to an extremely free and precise cutting. various embossed rims are available.

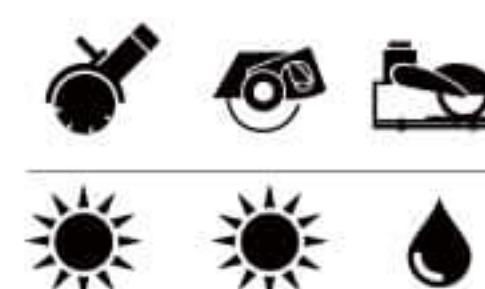
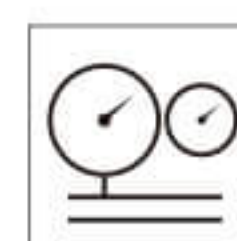
Application: All sorts of hard tiles including vitrified tile.

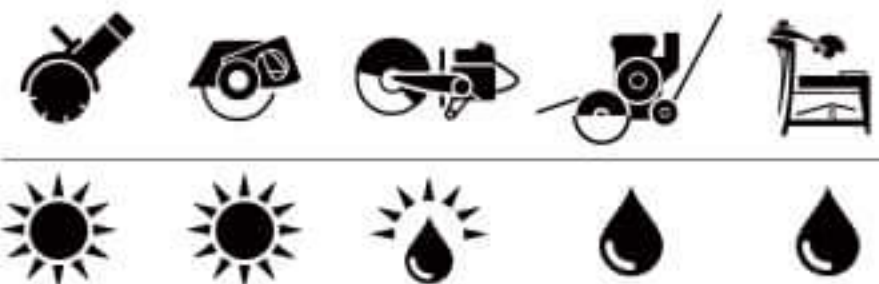
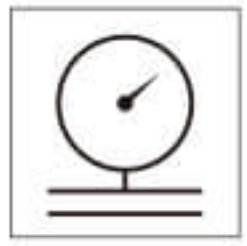
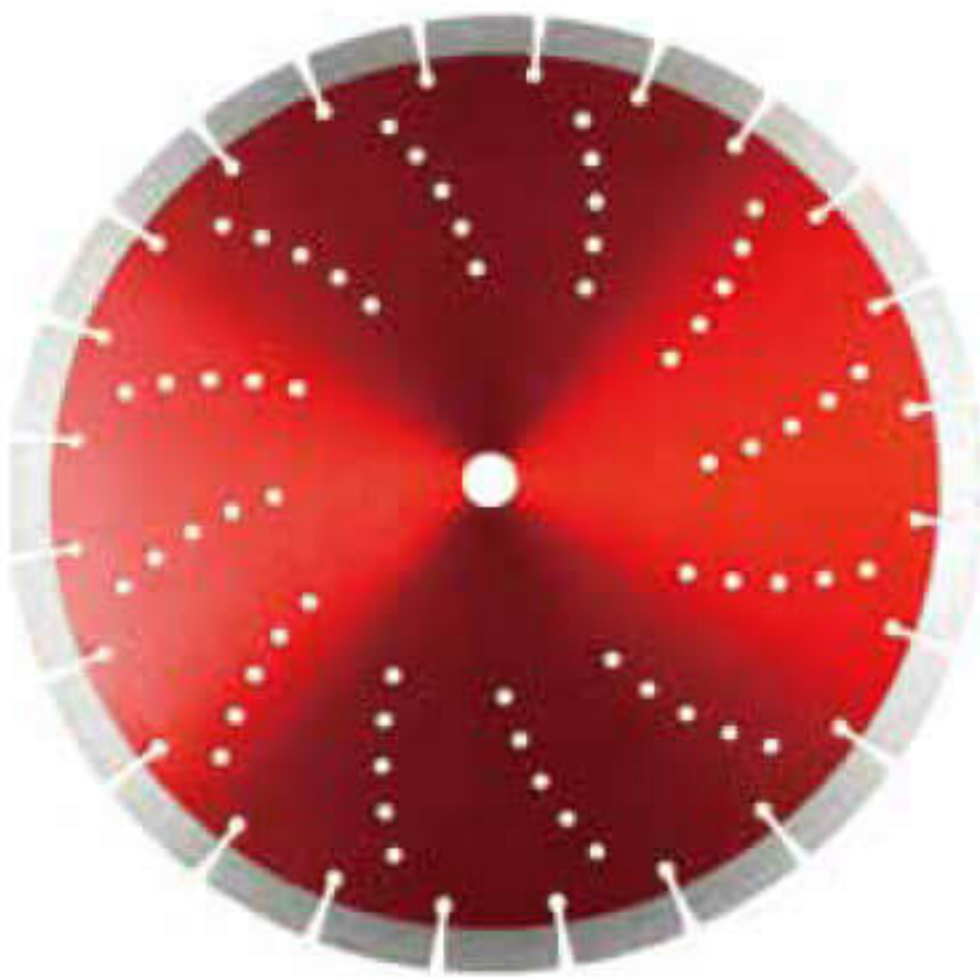


1

2

3



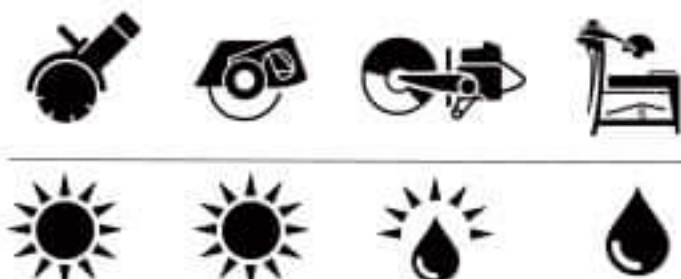
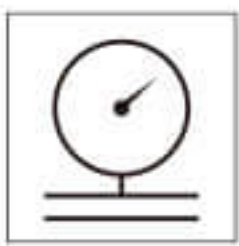
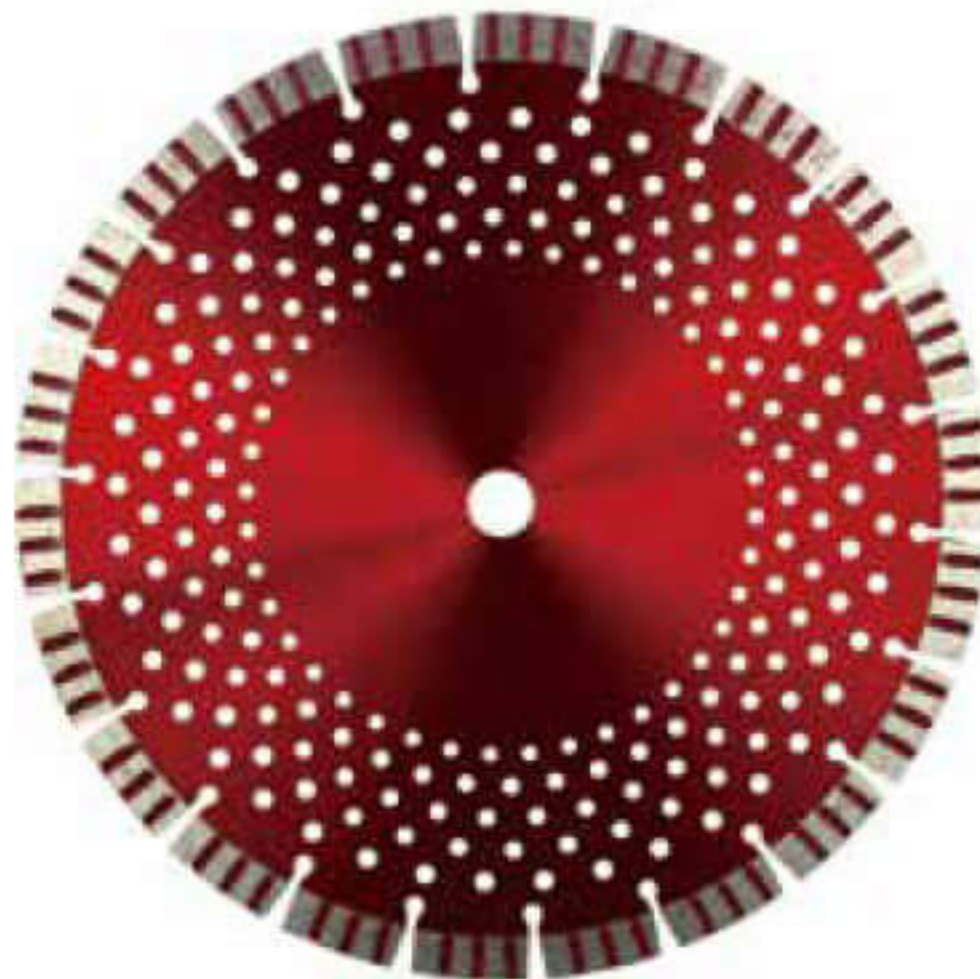


CPS

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
CPS105	105	4"	8/10	1.9		
CPS115	115	4.5"	8/10	1.9		
CPS125	125	5"	8/10	2.2		
CPS180	180	7"	8/10	2.2		
CPS230	230	9"	8/10	2.4		
CPS300	300	12"	8/10	3.2		
CPS350	350	14"	8/10	3.2		

Features: Cold pressing technology offers a cost-effective solution to your needs. This blade is still impressive for its fast speed and wide range of applications.

Application: General purpose, medium hard concrete, light reinforced concrete, universal masonry, medium hard granite, most civil engineering materials.

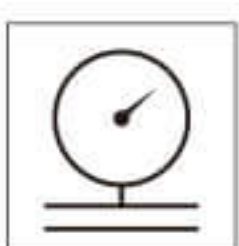


CPST

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
CPST105	105	4"	8/10	1.9		
CPST115	115	4.5"	8/10	1.9		
CPST125	125	5"	8/10	2.2		
CPST180	180	7"	8/10	2.2		
CPST230	230	9"	10/15	2.4		
CPST300	300	12"	10/15	3.2		
CPST350	350	14"	10/15	3.2		

Features: Cold pressing technology offers a cost-effective solution to your needs. This blade is still impressive for its fast speed and wide range of applications.

Application: General purpose, medium hard concrete, light reinforced concrete, universal masonry, medium hard granite, most civil engineering materials.

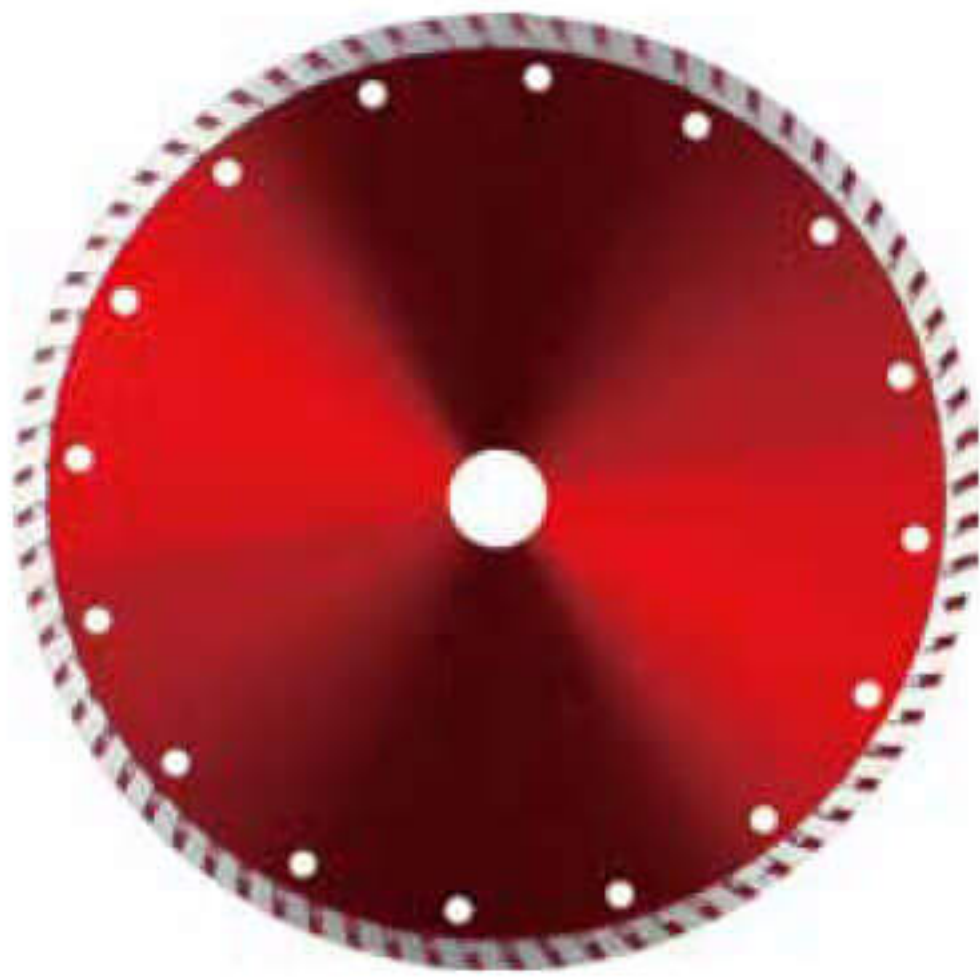


CPSST

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
CPSST105	105	4"	8/10	1.9		
CPSST115	115	4.5"	8/10	1.9		
CPSST125	125	5"	8/10	2.2		
CPSST180	180	7"	8/10	2.2		
CPSST230	230	9"	8/10	2.4		
CPSST300	300	12"	8/10	3.2		
CPSST350	350	14"	8/10	3.2		

Features: Cold pressing technology offers a cost-effective solution to your needs. This uniquely designed segmented turbo rim with slant gullet helps with debris removal, heat release, and ensures a fast cutting speed.

Application: General purpose, medium hard concrete, light reinforced concrete, universal masonry, medium hard granite, most civil engineering materials.



CPCT

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
CPCT105	105	4"	8/10	1.9		
CPCT115	115	4.5"	8/10	1.9		
CPCT125	125	5"	8/10	2.2		
CPCT180	180	7"	8/10	2.2		
CPCT230	230	9"	8/10	2.4		
CPCT300	300	12"	8/10	3.2		
CPCT350	350	14"	8/10	3.2		

Features: A cost-effective solution, takes both speed and finishing into consideration.

Application: General purpose, medium hard concrete, light reinforced concrete, universal masonry, medium hard granite, most civil engineering materials.

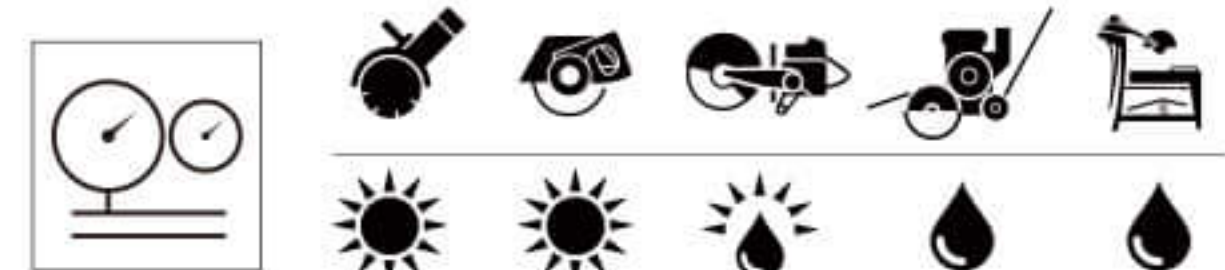
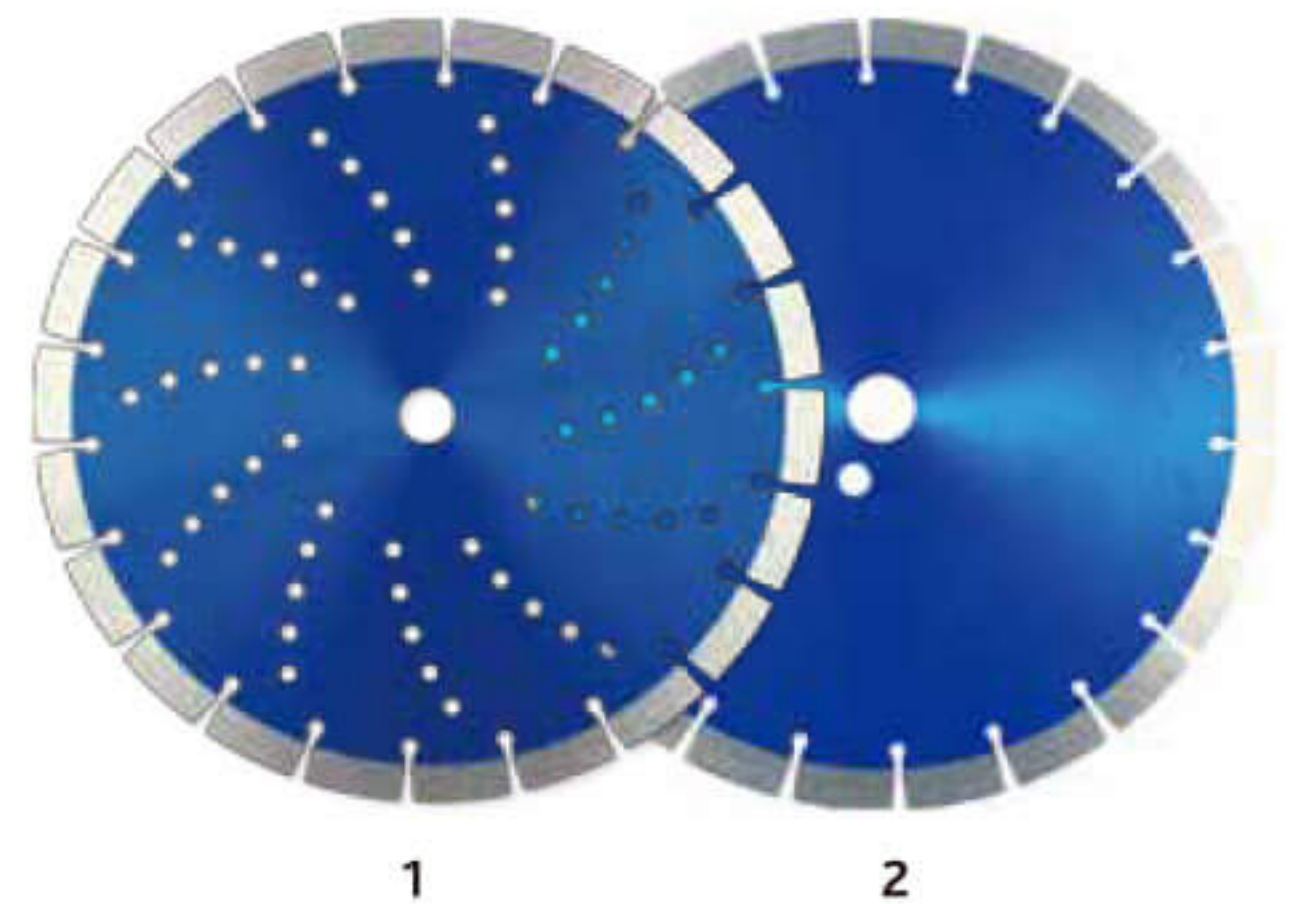


HPS

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPS105	105	4"	8/10	2.0		
HPS115	115	4.5"	8/10	2.0		
HPS125	125	5"	8/10	2.2		
HPS180	180	7"	8/10	2.2		
HPS230	230	9"	8/10	2.4		
HPS300	300	12"	8/10	3.2		
HPS350	350	14"	8/10	3.2		

Features: Compared with cold pressed blade, hot pressed ones provide better lifespan and speed, and give a better cutting experience.

Application: General purpose, medium hard concrete, reinforced concrete, rebar, universal masonry, medium hard granite, most civil engineering materials.

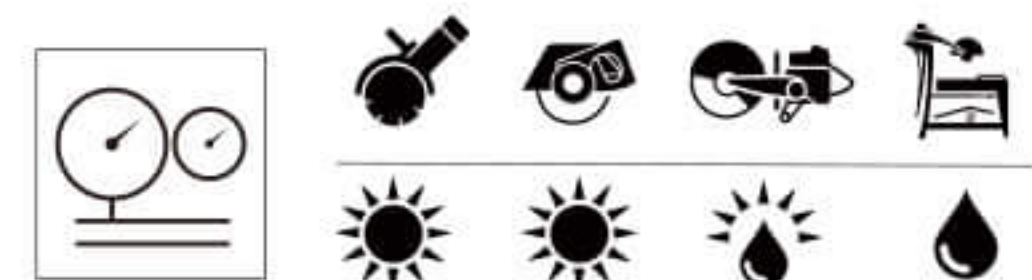
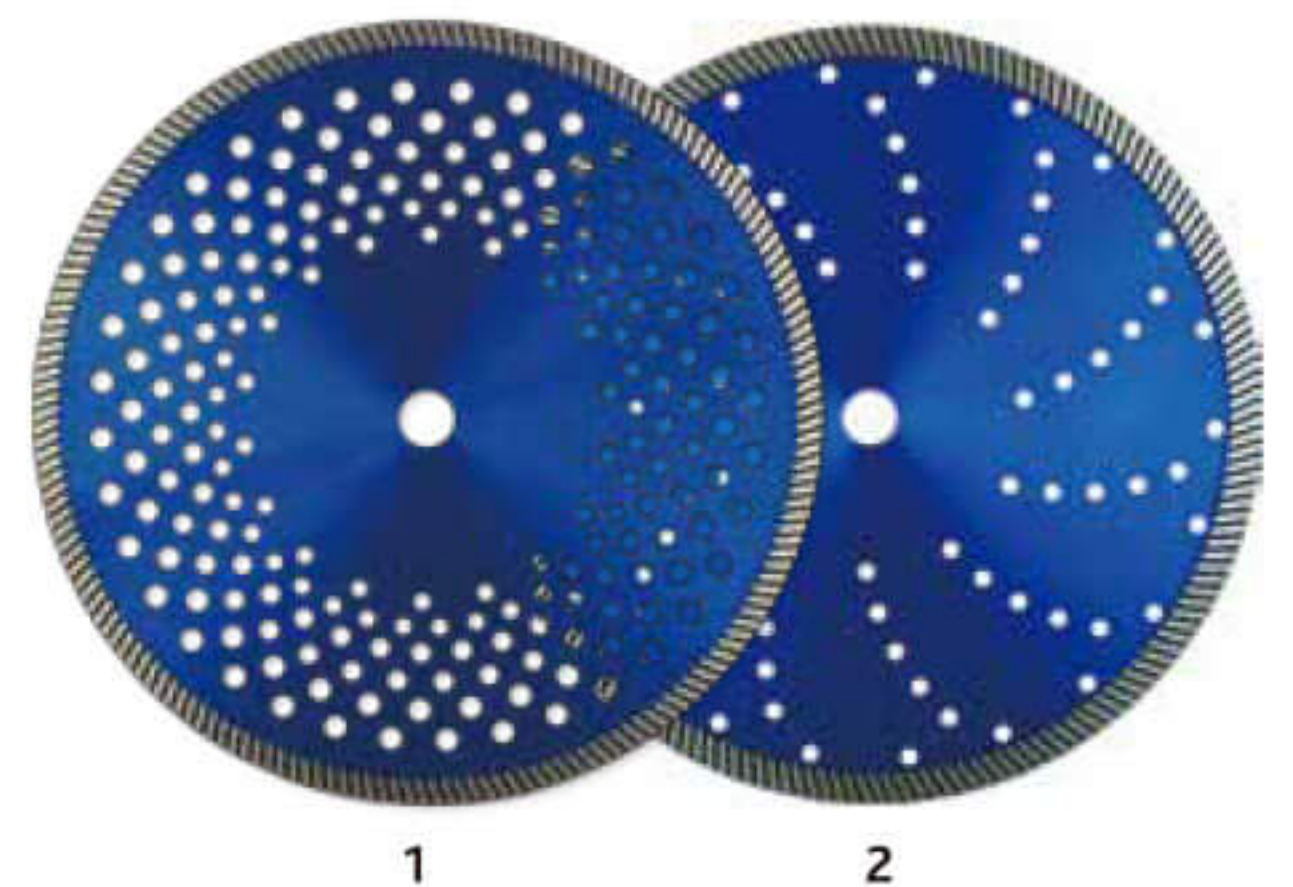


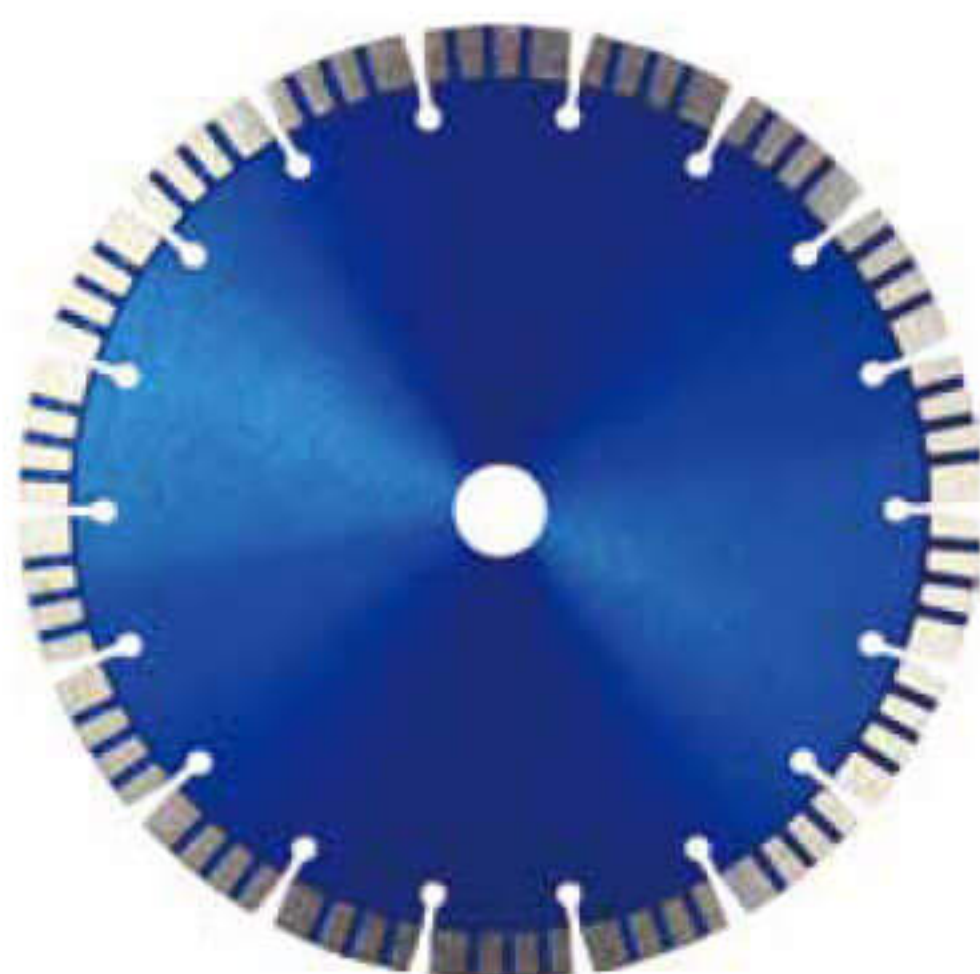
HPCT

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPCT105	105	4"	10/12	2.2		
HPCT115	115	4.5"	10/12	2.2		
HPCT125	125	5"	10/12	2.2		
HPCT180	180	7"	10/12	2.2		
HPCT230	230	9"	10/12	2.4		
HPCT300	300	12"	10/12	3.2		
HPCT350	350	14"	10/12	3.2		

Features: Hot pressed continuous rim blade with various cooling hole patterns available. The high quality synthetic diamond and specially designed bond give this blade an advantage when cutting hard materials, especially when metal is in the way.

Application: General purpose, hard concrete, reinforced concrete, cast iron, clay pipe rebar, steel pipe, universal masonry, medium hard granite, most civil engineering materials.



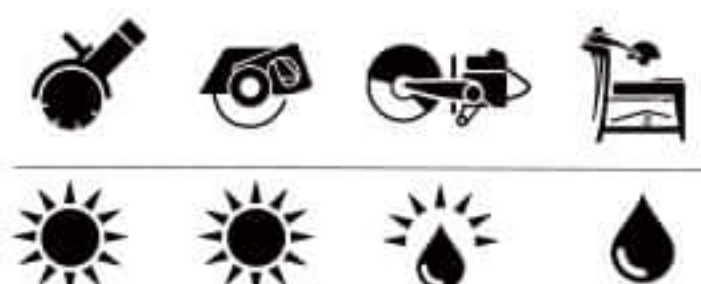
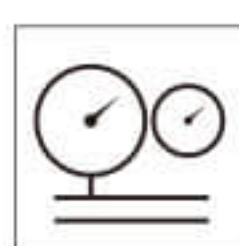


HPST

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPST105	105	4"	8/10	2.0		
HPST115	115	4.5"	8/10	2.0		
HPST125	125	5"	8/10	2.2		
HPST180	180	7"	8/10	2.2		
HPST230	230	9"	8/10	2.4		
HPST300	300	12"	8/10	3.2		
HPST350	350	14"	8/10	3.2		

Features: Compared with cold pressed blade, hot pressed ones provide better lifespan and speed, and give a better cutting experience.

Application: General purpose, medium hard concrete, reinforced concrete, rebar, universal masonry, medium hard granite, most civil engineering materials.

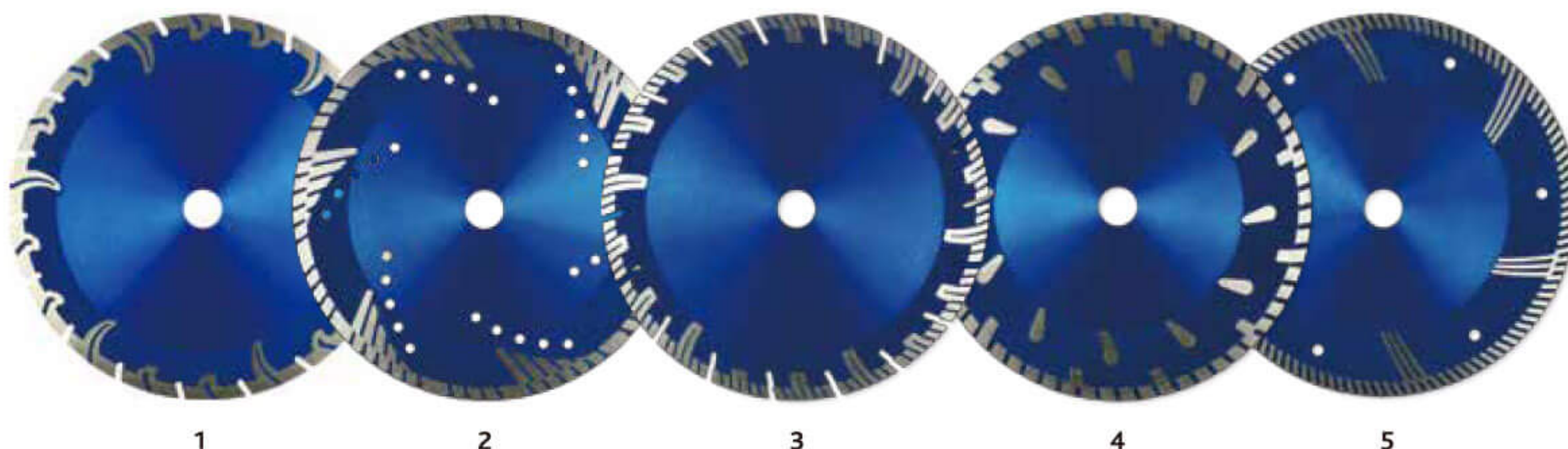
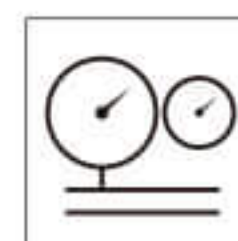
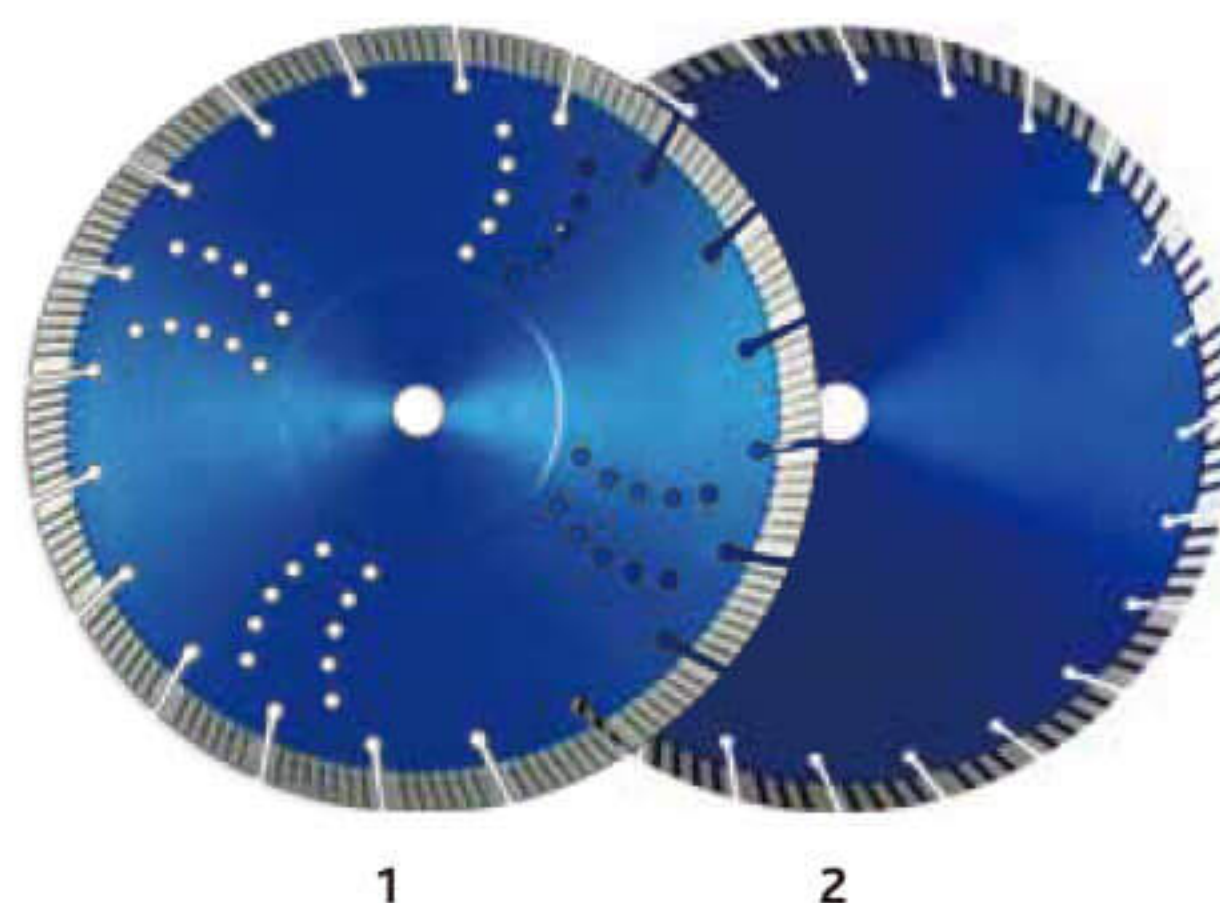


HPSST

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPSST105	105	4"	8/10	2.0		
HPSST115	115	4.5"	8/10	2.0		
HPSST125	125	5"	8/10	2.2		
HPSST180	180	7"	8/10	2.2		
HPSST230	230	9"	10/15	2.4		
HPSST300	300	12"	10/15	3.2		
HPSST350	350	14"	10/15	3.2		

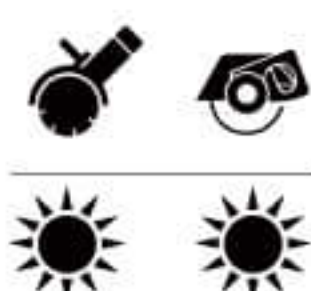
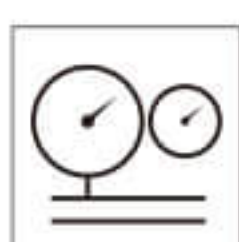
Features: Compared with cold pressed blade, hot pressed ones provide better lifespan and speed, unique designed segmented turbo rim, with slant gullet, helps with debris removal and heat release, ensure a fast cutting speed.

Application: General purpose, medium hard concrete, reinforced concrete, rebar, universal masonry, medium hard granite, most civil engineering materials.



HPCTP

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
HPCTP	115	4.5"	8/10	2.2		
HPCTP	125	5"	8/10	2.2		
HPCTP	180	7"	8/10	2.4		
HPCTP	200	8"	8/10	2.6		



Features: Hot pressed blade with undercut protection, various shape available. Ideal choices for abrasive materials or cutting-and-grinding.

Application: Green concrete, sand stone, asphalt, other abrasive construction/masonry materials, granite.

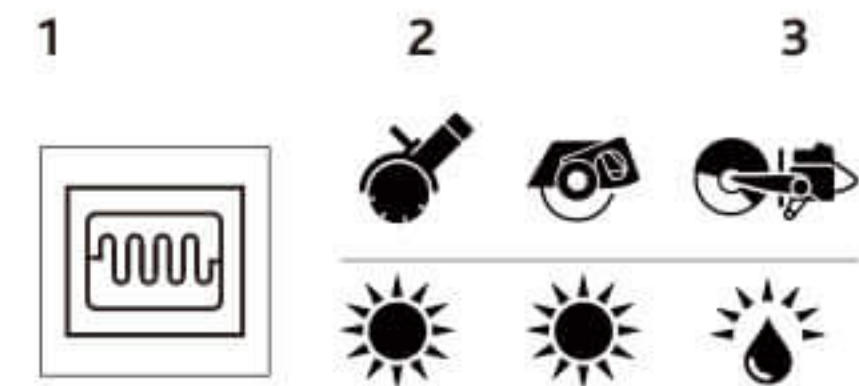
VACUUM BRAZED TOOLS

VBBS

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
VBBS105	105	4"	4	2.0		
VBBS115	115	4.5"	4	2.0		
VBBS125	125	5"	4	2.2		
VBBS150	150	6"	4	2.2		
VBBS180	180	7"	4	2.2		
VBBS230	230	9"	4	2.6		
VBBS300	300	12"	4	3.2		
VBBS350	350	14"	4	3.2		
VBBS400	400	16"	4	3.5		

Features: Rescue blade, cut all materials, wood, PVC, rubber, stone, steel, cast iron, brick, block.

Application: Ideal for angle grinder, hand held saw.

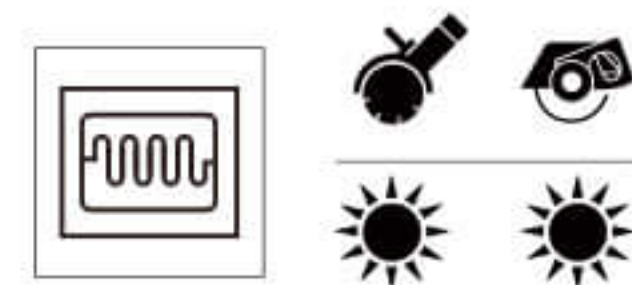


VBBC

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
VBBC105	105	4"	10	##		
VBBC115	115	4.5"	10	##		
VBBC125	125	5"	10	##		
VBBC150	150	6"	4	##		
VBBC180	180	7"	4	##		
VBBC230	230	9"	10	##		

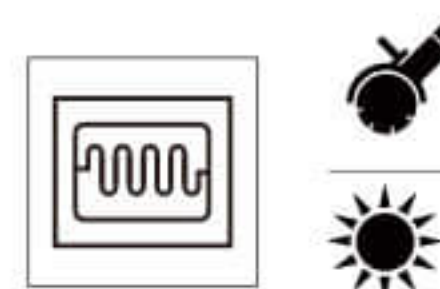
Features: Specially designed blade for stainless tube, thin metal sheet, aluminum bar etc, provides smoother cutting and cleaner finishing.

Application: Ideal for angle grinder.



VBG

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
VBG125	125	5"				
VBG150	150	6"				
VBG180	180	7"				
VBG230	230	9"				



Features: Multi-purpose grinding wheel for welding bead, cast iron, concrete, granite, marble, brick and block, extremely sharp.

Application: Ideal for angle grinder.

VACUUM BRAZED TOOLS

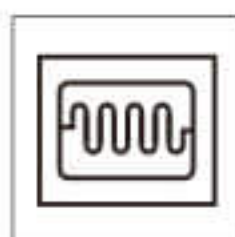


VBW

CODE	SIZE		SEGMENT			FITTING
	mm	inch	H	T	L	
VBW	5,6,7,8,10,12,14,		4			HEX/ROUND

Features:A product to replace electroplated drills. life span increased significantly while the cost remains similar to the electroplated ones. need work with water.

Application:All ceramic, stoneware and porcelain tiles, stone worktop. Suitable for hand drill, cordless drill and angel grinder.

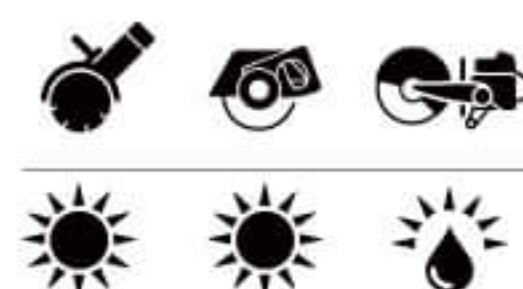


PCD

CODE	SIZE		SEGMENT			
	mm	inch	H	T	L	No.
PCD160-4	160	6.5"	4	##	2	4
PCD160-6	160	6.5"	4	##	2	6
PCD180-4	180	7"	4	##	2	4
PCD180-6	180	7"	4	##	2	6
PCD250-6	250	10"	4	##	2	6
PCD250-12	250	10"	4	##	2	12
PCD300-8	300	12"	4	##	2	8
PCD300-16	300	12"	4	##	2	16

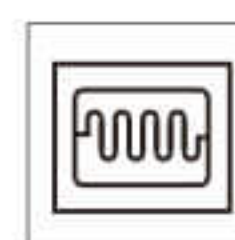
Features:Blade with polycrystalline diamond (PCD) teeth can cut effortlessly through cement fibre board and other types of dense composite panels like Trespa. In addition, PCD blade performs extremely well on dozens of other applications including: Laminated and Melamine surfaces, GRP, softwoods, hardwoods, MDF, plywood and chipboard... PCD blade offer far greater life and better finishing than regular TCT saw blades and are designed to be used on normal woodworking machines.

Application:Ideal for angle grinder and wood working saw.



VBD

CODE	SIZE		SEGMENT			FITTING
	mm	inch	H	T	L	
VBD	5,5.5,6,7,8,10,12,14,		10			M14/HEX/ROUND
VBD	16,18,20,22,25,27,30,32,35,37,40,45,48,50,52,55,60,65,68,70,75,80,83,85,90,95,100,105,110,115,120,		10			M14/HEX



Features:Well-chosen high quality E6 diamond for drilling only, improved solder with strong retention exposes diamond granules as much as possible, self-cooling achieved by filling wax, fast speed and long life are not two sides of a coin any more. Drilling dry is more efficient and clean than wet.

Application:All ceramic, stoneware and porcelain tiles, stone worktop. Suitable for hand drill, cordless drill and angle grinder.

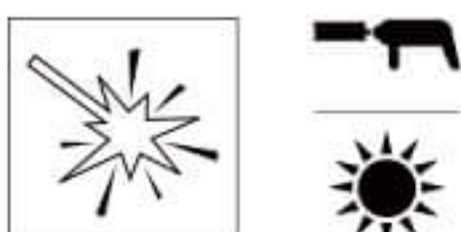
LWCB



CODE	SIZE		SEGMENT				FITTING	Ef.L
	mm	inch	H	T	L	No.		
LWCB68	68		10	3.5	24	3	M16	
LWCB82	82		10	3.5	24	4/5	M16	90

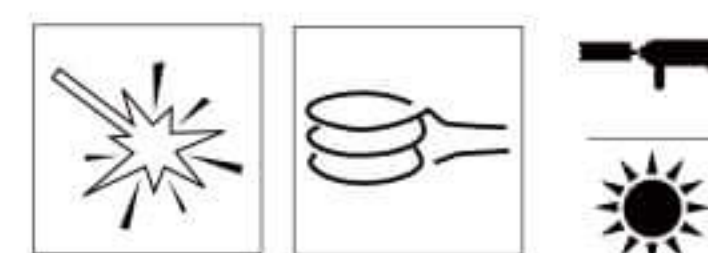
Features: Flat or turbo segments, top quality E6 diamond, specified bond with refined metal powder, high precision CNC machined tube, All promise an easy, accurate, fast, and durable drilling experience over the life of the product.

Application: Cured concrete, hard brick.



LWDCB

CODE	SIZE		SEGMENT				FITTING	Ef.L
	mm	inch	H	T	L	No.		
LWDCB38	38		10	3.5	16	4	1/2"BSP	140
LWDCB52	52		10	3.5	24	4	1/2"BSP	140
LWDCB65	65		10	3.5	24	4	1/2"BSP	140
LWDCB107	107		10	3.5	24	5	1/2"BSP	140
LWDCB117	117		10	3.5	24	5	1/2"BSP	140
LWDCB127	127		10	3.5	24	6	1/2"BSP	140
LWDCB152	152		10	3.5	24	6	1/2"BSP	140
LWDCB162	162		10	3.5	24	7	1/2"BSP	140
LWDCB182	182		10	3.5	24	8	1/2"BSP	140



Features: Roof top or turbo segments, top quality E6 diamond segments that are bonded with a refined metal powder side by a high precision CNC machined tube. All of these features promise an easy start and accurate, fast drilling experience over the life of the product .

Application: Cured concrete, hard brick.

LWWCB

CODE	SIZE		SEGMENT				FITTING	Ef.L
	mm	inch	H	T	L	No.		
LWWCB	35,38,42,45,52,56,62,63,68,72,76,78,82,86,92,102,108,112,114,117,122,127,132,142,142,152,162,172,182,200,220,226,250		10				1-1/4UNC	410



Features: Flat top, roof top or turbo segments, top quality E6 diamond, specified bond with refined metal powder, high precision CNC machined tube, All of these features promise an easy-start and accurate, fast drilling experience with durability that will last through many uses.

Application: Cured concrete with hard aggregate, reinforced concrete.

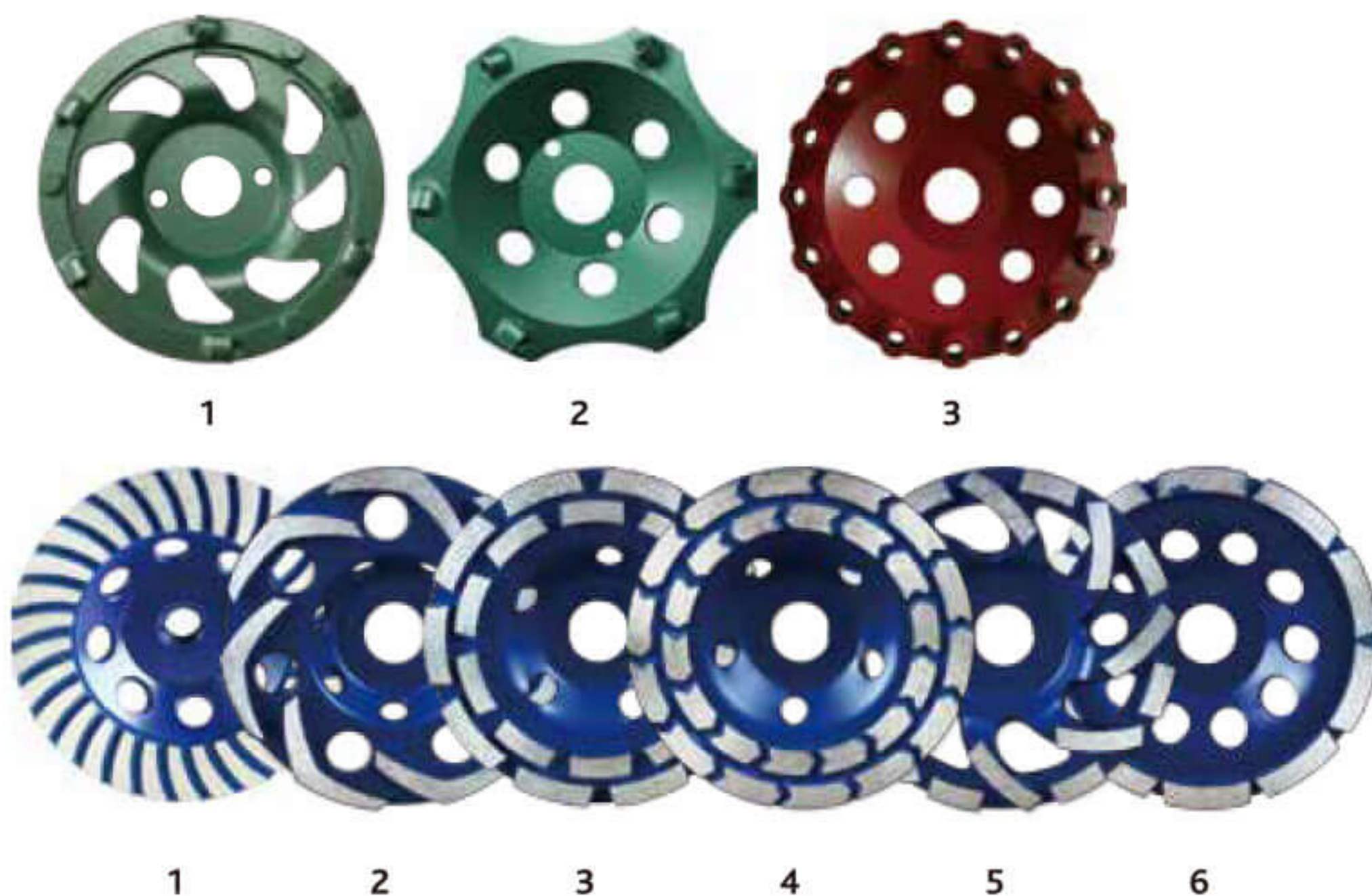
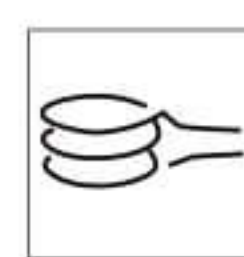
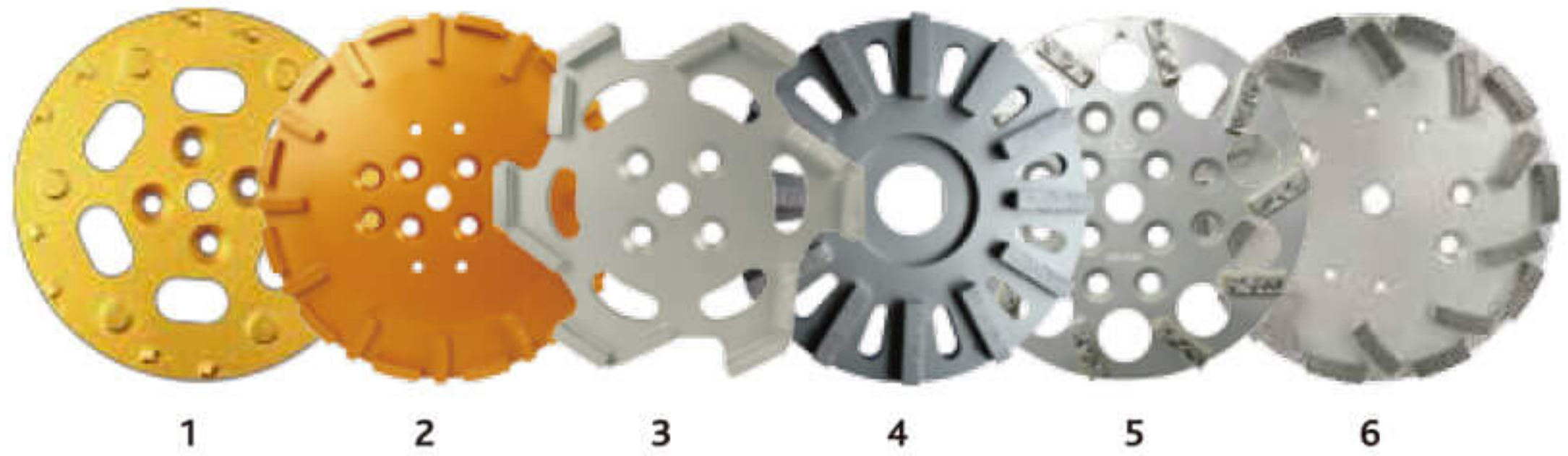


GRINDING DISC

SIZE:200/250
SEGMENT HEIGHT:10

Features:Disc with various segment shapes and patterns together with bonds and diamonds of different hardness and mesh sizes make the floor preparation an easy job! Each disc is dynamically balanced which guarantees the machine working smoothly and quietly without damage to the shaft. Split-PCD discs are highly recommended when glue or epoxy is in your way.

Application:All mainstream brands single-head grinding machines.

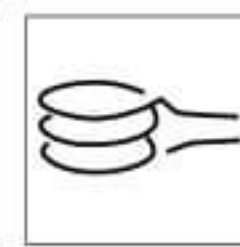
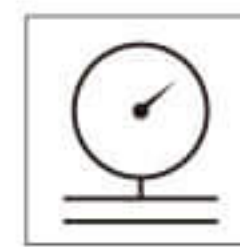


CUP WHEEL

SIZE:115/125/180
SEGMENT HEIGHT:5

Features:Various segment shapes and patterns are available, bond hardness and diamond grit size can be customized, each article is well dynamically balanced, which reduce the vibration of the tools and prevent sour arms. PCD cup wheels are highly recommended when glue or epoxy confronted.

Application:Angle grinder .

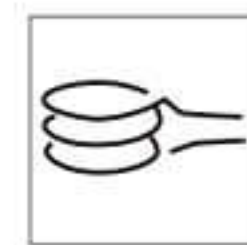


GRINDING BLOCK


















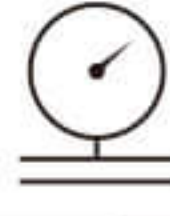

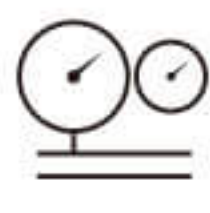

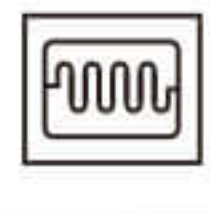
SEGMENT HEIGHT:10

Features:Various segment shapes and patterns together with bonds and diamonds of different hardness and mesh sizes make the floor preparation an easy job! Different fitting to all mainstream machines are available. Split-PCD segments are highly recommended when glue or epoxy to be removed.

Application:All mainstream brands single-head grinding machines or multi-head planetary machines.



SYMBOL TABLE/SPEED CHART

Angle grinder		Hand drill	
Circular saw		Floor grinder	
Hand-held saw		Ring saw	
Floor saw 7-13hp		Use dry	
Floor saw 27-48hp		Use wet	
Floor saw 55hp+		Use dry or wet	
Masonry saw		Laser welded	
Tile saw		Brazed	
Stone saw		Cold pressed	
Wall saw		Hot pressed	
Core drill machine		Vacuum brazed	

MAXIMUM BLADE CUTTING DEPTHS AND OPERATING SPEEDS			
Floor saw			
Diameter	Cutting Depth	Recommended Operating Speed	Maximum Safe
300	92	3024	5065
350	117	2592	4365
400	143	2268	3820
450	168	2016	3365
500	194	1814	3055
600	244	1512	2550
650	270	1396	2350
750	300	1120	2040
900	375	1008	1700
High speed handheld saw			
Diameter	Cutting Depth(mm)	Recommended Operating Speed	Maximum Safe
300	100	4300	6300
350	125	4300	5400
400	150	3700	4700
Wall saw			
Diameter	Cutting Depth(mm)	Recommended Operating Speed	Maximum Safe
450	165	1500	3000
600	240	1450	2250
750	317	1400	1800
900	394	1300	1500
Masonry saw			
Diameter	Cutting Depth(mm)	Recommended Operating Speed	Maximum Safe
350	125	2550	3900
450	178	2300	3000
500	200	2300	2900
Tile saw			
Diameter	Cutting Depth(mm)	Recommended Operating Speed	Maximum Safe
150	45	6050	10175
180	57	5175	8725
200	70	4500	7650
230	83	4025	6800
250	95	3625	6125
Angle Grinder			
Diameter	Cutting Depth(mm)	Recommended Operating Speed	Maximum Safe
100	25	9075	15000
115	30	8065	13300
125	40	7250	12000
180	65	5175	8725
200	75	5180	8730
230	83	4540	7640



Contact details



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