



Diamond Saw Blades

*Cut Sharper, Faster:
Elite Diamond Blades for Every Job*





Diamond Saw Blades

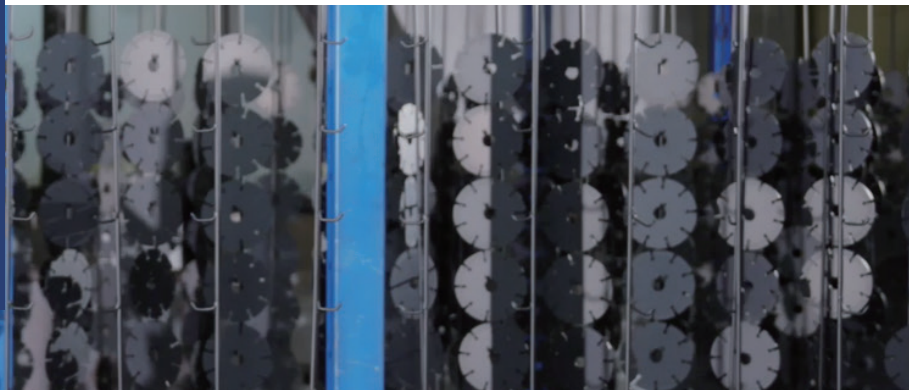
Cut Sharper, Faster: Elite Diamond Blades for Every Job





TORGWIN

A vertically integrated manufacturing and trading solutions provider specializing in tools and consumables.



TORGWIN is a vertically integrated manufacturing and trading company with over 20 years of expertise in producing tools and consumables. Over the past two decades, we have established a strong international presence across multiple markets, achieving deep localization in our operations. Supported by dedicated sales and service teams across our locations, we maintain a professional workforce of over 30 specialists. With end-to-end capabilities, flexible services, and a partnership-driven approach, TORGWIN has become a trusted manufacturing partner for clients across multiple regions - consistently driving global business growth through our core competitive advantages.

Brand Portfolio: TORGWIN & LithoTeque

Our product range is thoughtfully divided into two distinct brands to meet every need and standard.



TORGWIN Accessible Quality

TORGWIN is engineered for value and versatility. Offering a spectrum from good to very good quality, this brand delivers reliable performance for everyday tasks and general use. It is the intelligent choice for a broad audience seeking practical solutions without compromise.

LithoTequeTM

LithoTeque Professional Grade

LithoTeque represents the pinnacle of precision and performance. Designed for experts who demand the best, every product is crafted with superior materials and engineered to the highest quality standards. It is the essential tool for professionals where excellence is non-negotiable.

Choose TORGWIN for
VALUE

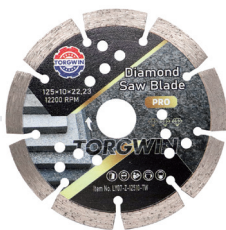
Choose LithoTeque for
EXCELLENCE

Technologies for bonding blade segments to the base of the blade



Bonding diamond segments to saw blades is crucial for tool durability and efficiency.

MAIN TECHNOLOGIES



COLD PRESSING

Segments are fixed by mechanical pressure, sometimes with heat treatment. This method preserves the diamond structure and is a simple process.

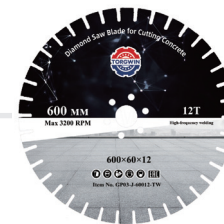
P6-29



HOT PRESSING

Involves connection at high temperatures (600-900°C) and pressure. It provides high strength and uniform load distribution, making it suitable for tools under demanding conditions.

P30-57



HIGH-FREQUENCY WELDING

High-frequency current heating followed by segment compression.

Features localized heating and rapid processing. Widely used in manufacturing diamond blades for construction, stone processing, and other fields requiring high tool precision and reliability.

P58-63



LASER WELDING

The laser welding locally heats the metal, creating high-strength joints with minimal thermal impact. It ensures minimal damage to diamonds and is suitable for thin bases.

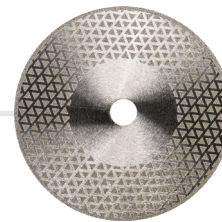
P64-68



VACUUM BRAZING

Vacuum-brazed segments leverage specialized refractory solders—materials engineered to withstand extreme heat and resist wear—to form a strong, reliable bond between diamond particles and the segment base.

P69-74



ELECTROPLATING

Diamond particles are electroplated onto the blade for uniform distribution and strong adhesion. Suitable for cutting and grinding machines, as well as thin cutting tools.

P75-76

A premium diamond blade's performance lies beyond just sharp cutting teeth - its true excellence stems from how seamlessly the segments fuse with the steel core. This marriage of metallurgical science and manufacturing artistry produces tools that conquer the toughest materials with ease.

Technologies for bonding blade segments to the base of the blade



Modern high-tech equipment ensures the quality and reliability of any technology

Technology	Advantages	Cons	Application
Cold pressing	- Preserving the structure of diamonds	- Less strength compared to hot pressing	Tools for moderate loads (asphalt, brick, concrete, granite)
	- Simplicity of process	- Limited resistance to high loads	
	- Low cost		
Hot pressing	- High strength	- High energy consumption	Tools for heavy conditions (concrete, granite, reinforced structures)
	- Balanced load distribution	- Possible damage to diamonds during overheating	
	- Durability		
High-frequency welding	- Rapid process	- Requires precise adjustment	Diamond blades for processing most building materials, stone, tiles, concrete, asphalt
	- Local heating (less damage)	- High energy consumption	
	- Reliability		
Laser welding	- High strength	- High cost equipment	Professional tools for cutting concrete, stone, asphalt, tiles
	- Minimal damage to diamonds	- Requires precise process control	
	- Suitable for thin foundations		
Vacuum brazing	- High strength	- High energy consumption	Reinforced concrete hydraulic concrete, reinforced structures
	- Load resistance	- High cost	
	- Durability		
Electroplating	- Equal distribution of diamonds	- Low wear resistance	Grinding and cutting of fragile materials (ceramics, glass, plastic, steel)
	- High adhesion	- Not suitable for impact loads	
	- Suitable for thin discs		

Cold-Pressed Segmented Diamond Saw Blades



Performance Standard ★★☆☆☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY01-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY01-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY01-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY01-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY01-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY01-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY01-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY01-J-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Continuous Rim Blades



Performance

Standard ★★☆☆☆

Cutting method

Wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY02-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY02-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY02-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY02-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY02-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY02-J-25010-TW	10"	250	1"	25.4	1.8	2.8	10	Cold Pressing
LY02-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY02-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY02-J-40010-TW	16"	400	1-1/4" 1"	32 25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Continuous Rim Diamond Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORWIN								
LY03-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY03-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY03-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY03-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY03-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY03-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY03-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY03-J-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Continuous Rim Diamond Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY04-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY04-J-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY04-J-18010-TW	7"	180	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY04-J-23010-TW	9"	230	7/8"	22.23	1.6	2.8	10	Cold Pressing

Cold-Pressed Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORWIN								
LY07-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY07-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY07-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY07-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY07-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY07-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY07-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY07-J-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Segmented Blades



Performance

Standard ★★☆☆☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY11-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY11-J-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY11-J-18010-TW	6"	180	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY11-J-23010-TW	9"	230	7/8"	22.23	1.6	2.8	10	Cold Pressing
LY11-J-30010-TW	12"	300	1"	25.4	2.2	3.4	10	Cold Pressing
LY11-J-35010-TW	14"	350	1"	25.4	2.2	3.6	10	Cold Pressing
LY11-J-40010-TW	16"	400	1"	25.4	2.6	4.0	10	Cold Pressing

Cold-Pressed Turbo Segmented Blades



Performance

Standard ★★☆☆☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY10-J-11508-TW	4.5"	115	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY10-J-11508-TW	5"	125	7/8"	22.23	1.2	2.4	8	Cold Pressing
LY10-J-18008-TW	7"	180	7/8"	22.23	1.4	2.6	8	Cold Pressing
LY10-J-23008-TW	9"	230	7/8"	22.23	1.6	2.8	8	Cold Pressing

Cold-Pressed Turbo Blades



Performance

Standard ★★☆☆☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORWIN								
LY08-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY08-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY08-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY08-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY08-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY08-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY08-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY08-J-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Segmented Diamond Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORWIN								
LY09-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY09-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY09-J-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY09-J-18010-TW	7"	180	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY09-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY09-J-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY09-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY09-J-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance Standard ★★☆☆☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY05-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY05-J-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY05-J-15010-TW	6"	150	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY05-J-18010-TW	7"	180	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY05-J-23010-TW	9"	230	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY05-J-30010-TW	12"	300	1"	25.4	2.2	3.4	10	Cold Pressing
LY05-J-35010-TW	14"	350	1"	25.4	2.2	3.6	10	Cold Pressing
LY05-J-40010-TW	16"	400	1"	25.4	2.6	4.0	10	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Additional functions The protective teeth not only protect the saw blade but also have a certain grinding effect.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY06-J-11508-TW	4.5"	115	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY06-J-12508-TW	5"	125	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY06-J-18008-TW	7"	180	7/8"	22.23	1.4	2.6	8	Cold Pressing
LY06-J-23008-TW	9"	230	7/8"	22.23	1.6	2.8	8	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY12-J-10508-TW	4"	105	7/8"	22.23	1.2	2.0	8	Cold Pressing
LY12-J-12508-TW	5"	125	7/8"	22.23	1.2	2.0	8	Cold Pressing

Cold-Pressed Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORWIN								
LY01-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY01-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY01-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY01-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY01-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY01-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY01-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY01-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Continuous Rim Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
LY02-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY02-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY02-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY02-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY02-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY02-Z-25010-TW	10"	250	1"	25.4	1.8	2.8	10	Cold Pressing
LY02-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY02-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY02-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Continuous Rim Diamond Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

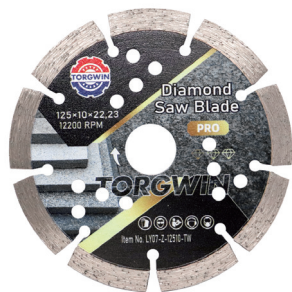
Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY03-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY03-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY03-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY03-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY03-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY03-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY03-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY03-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Segmented Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY07-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY07-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY07-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY07-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY07-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY07-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY07-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY07-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Segmented Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY11-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY11-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY11-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.8	10	Cold Pressing
LY11-Z-23010-TW	9"	230	7/8"	22.23	1.8	3.0	10	Cold Pressing
LY11-Z-30010-TW	12"	300	1"	25.4	2.2	3.4	10	Cold Pressing
LY11-Z-35010-TW	14"	350	1"	25.4	2.2	3.6	10	Cold Pressing
LY11-Z-40010-TW	16"	400	1"	25.4	2.6	4.0	10	Cold Pressing

Cold-Pressed Turbo Continuous Rim Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY04-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY04-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY04-Z-18010-TW	7"	180	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY04-Z-23010-TW	9"	230	7/8"	22.23	1.6	2.8	10	Cold Pressing

Cold-Pressed Turbo Segmented Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY10-Z-11508-TW	4.5"	115	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY10-Z-12508-TW	5"	125	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY10-Z-18008-TW	7"	180	7/8"	22.23	1.6	2.8	8	Cold Pressing
LY10-Z-23008-TW	9"	230	7/8"	22.23	1.6	3.0	8	Cold Pressing

Cold-Pressed Turbo Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
LY08-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY08-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY08-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY08-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY08-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY08-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY08-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY08-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Segmented Diamond Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY09-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY09-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Cold Pressing
LY09-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.4	10	Cold Pressing
LY09-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY09-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.8	10	Cold Pressing
LY09-Z-30010-TW	12"	300	1"	25.4	2.2	3.2	10	Cold Pressing
LY09-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	Cold Pressing
LY09-Z-40010-TW	16"	400	1"	25.4	2.6	3.8	10	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
LY05-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY05-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.2	10	Cold Pressing
LY05-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.6	10	Cold Pressing
LY05-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.6	10	Cold Pressing
LY05-Z-23010-TW	9"	230	7/8"	22.23	1.8	3.0	10	Cold Pressing
LY05-Z-30010-TW	12"	300	1"	25.4	2.2	3.4	10	Cold Pressing
LY05-Z-35010-TW	14"	350	1"	25.4	2.2	3.6	10	Cold Pressing
LY05-Z-40010-TW	16"	400	1"	25.4	2.6	4.0	10	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The protective teeth not only protect the saw blade but also have a certain grinding effect.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY06-Z-11508-TW	4.5"	115	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY06-Z-12508-TW	5"	125	7/8"	22.23	1.2	2.2	8	Cold Pressing
LY06-Z-18008-TW	7"	180	7/8"	22.23	1.6	2.8	8	Cold Pressing
LY06-Z-23008-TW	9"	230	7/8"	22.23	1.8	3.0	8	Cold Pressing

Cold-Pressed Turbo Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
LY12-Z-10508-TW	4"	105	7/8"	22.23	1.2	2.0	8	Cold Pressing
LY12-Z-12508-TW	5"	125	7/8"	22.23	1.2	2.2	8	Cold Pressing

Hot-Pressed Segmented Diamond Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY01-J-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Hot Pressing
RY01-J-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Hot Pressing
RY01-J-18010-TW	7"	180	7/8"	22.23	1.6	2.5	10	Hot Pressing
RY01-J-23010-TW	9"	230	7/8"	22.23	1.8	2.6	10	Hot Pressing

Hot-Pressed Ultra-Thin Continuous Rim Diamond Blades



Performance

Standard ★★☆☆☆

Cutting method

Wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
RY02-J-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY02-J-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY02-J-15010-TW	6"	150	7/8"	22.23	1.2	1.7	10	Hot Pressing
RY02-J-18010-TW	7"	180	7/8"	22.23	1.2	1.7	10	Hot Pressing
RY02-J-20010-TW	8"	200	7/8"	22.23	1.4	1.9	10	Hot Pressing
RY02-J-23010-TW	9"	230	7/8"	22.23	1.4	1.9	10	Hot Pressing
RY02-J-25010-TW	10"	250	1"	25.4	1.6	2.1	10	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY03-J-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY03-J-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY03-J-18010-TW	7"	180	7/8"	22.23	1.2	1.7	10	Hot Pressing
RY03-J-23010-TW	9"	230	7/8"	22.23	1.4	1.9	10	Hot Pressing

Hot-Pressed Turbo Diamond Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Granite, Marble.

Additional functions The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
RY05-J-11508-TW	4.5"	115	7/8"	22.23	1.2	2.0	8	Hot Pressing
RY05-J-12508-TW	5"	125	7/8"	22.23	1.2	2.0	8	Hot Pressing
RY05-J-15008-TW	6"	150	7/8"	22.23	1.4	2.2	8	Hot Pressing
RY05-J-18008-TW	7"	180	7/8"	22.23	1.4	2.2	8	Hot Pressing
RY05-J-23008-TW	9"	230	7/8"	22.23	1.6	2.4	8	Hot Pressing

Hot-Pressed X-Mesh Diamond Blades



Performance Standard ★★☆☆☆

Cutting method Dry/wet cutting

Substrates Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY20-J-12510-TW	5"	125	7/8"	22.23	0.8	1.4	10	Hot Pressing

Hot-Pressed X-Mesh Continuous Rim Diamond Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY04-J-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY04-J-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY04-J-18010-TW	7"	180	7/8"	22.23	1.4	1.8	10	Hot Pressing
RY04-J-23010-TW	9"	230	7/8"	22.23	1.6	2.0	10	Hot Pressing
RY04-J-30010-TW	12"	300	1"	25.4	2.2	2.6	10	Hot Pressing

Hot-Pressed Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The advanced teeth configuration maximizes cutting aggressiveness, resulting in unmatched sharpness.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY13-J-12513-TW	5"	125	7/8"	22.23	1.6	2.0	13	Hot Pressing
RY13-J-15013-TW	6"	150	7/8"	22.23	1.6	2.2	13	Hot Pressing
RY13-J-18013-TW	7"	180	7/8"	22.23	1.8	2.6	13	Hot Pressing
RY13-J-23013-TW	9"	230	7/8"	22.23	1.8	2.6	13	Hot Pressing

Hot-Pressed V-shape Diamond Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Wet cutting

Substrates

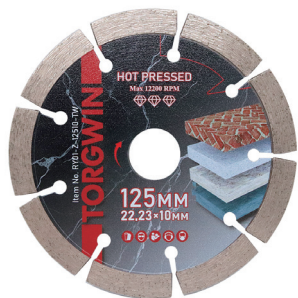
Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions

V-shape teeth can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY06-J-12510-TW	5"	125	7/8"	22.23	1.0	1.4	10	Hot Pressing

Hot-Pressed Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

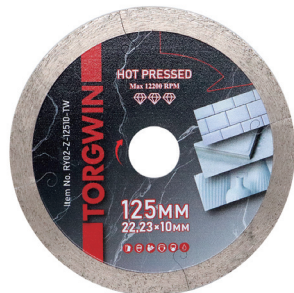
Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY01-Z-11510-TW	4.5"	115	7/8"	22.23	1.2	2.0	10	Hot Pressing
RY01-Z-12510-TW	5"	125	7/8"	22.23	1.2	2.0	10	Hot Pressing
RY01-Z-18010-TW	7"	180	7/8"	22.23	1.6	2.5	10	Hot Pressing
RY01-Z-23010-TW	9"	230	7/8"	22.23	1.8	2.6	10	Hot Pressing

Hot-Pressed Continuous Rim Blades



Performance

Pro ★★★★★☆

Cutting method

Wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY02-Z-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY02-Z-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY02-Z-15010-TW	6"	150	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY02-Z-18010-TW	7"	180	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY02-Z-20010-TW	8"	200	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY02-Z-23010-TW	9"	230	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY02-Z-25010-TW	10"	250	1"	25.4	1.4	1.8	10	Hot Pressing

Hot-Pressed Continuous Rim Blades with Flange



Performance

Pro ★★★★★☆

Cutting method

Wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY07-Z-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY07-Z-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY07-Z-18010-TW	7"	180	7/8"	22.23	1.0	1.4	10	Hot Pressing
RY07-Z-23010-TW	9"	230	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY07-Z-30010-TW	12"	300	1"	25.4	1.2	1.6	10	Hot Pressing
RY07-Z-35010-TW	14"	350	1"	25.4	1.6	2.0	10	Hot Pressing
RY07-Z-40010-TW	16"	400	1"	25.4	1.8	2.0	10	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY03-Z-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY03-Z-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY03-Z-18010-TW	7"	180	7/8"	22.23	1.2	1.7	10	Hot Pressing
RY03-Z-23010-TW	9"	230	7/8"	22.23	1.4	1.9	10	Hot Pressing

Hot-Pressed X-Mesh Continuous Rim Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY04-Z-11510-TW	4.5"	115	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY04-Z-12510-TW	5"	125	7/8"	22.23	0.8	1.2	10	Hot Pressing
RY04-Z-18010-TW	7"	180	7/8"	22.23	1.4	1.8	10	Hot Pressing
RY04-Z-23010-TW	9"	230	7/8"	22.23	1.6	2.0	10	Hot Pressing
RY04-Z-30010-TW	12"	300	1"	25.4	2.2	2.6	10	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORCWIN								
RY05-Z-11508-TW	4.5"	115	7/8"	22.23	1.2	2.0	8	Hot Pressing
RY05-Z-12508-TW	5"	125	7/8"	22.23	1.2	2.0	8	Hot Pressing
RY05-Z-15008-TW	6"	150	7/8"	22.23	1.4	2.2	8	Hot Pressing
RY05-Z-18008-TW	7"	180	7/8"	22.23	1.4	2.2	8	Hot Pressing
RY05-Z-23008-TW	9"	230	7/8"	22.23	1.6	2.4	8	Hot Pressing

Hot-Pressed Ultra-Thin Continuous Rim Blades



Performance

Pro ★★★★★☆

Cutting method

Wet cutting

Substrates

Ceramic, Tile, Porcelain and Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY16-Z-12508-TW	5"	125	7/8"	22.23	0.8	1.2	8	Hot Pressing

Hot-Pressed Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The special tooth profile helps with better heat dissipation and chip removal.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY19-Z-15010-TW	6"	150	7/8"	22.23	1.4	2.6	10	Hot Pressing

Hot-Pressed Double Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

Specially designed for wall chasers (groove cutters).

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
RY17-Z-10510-TW	4"	105	7/8"	22.23	2×2.5	2×6.4	10	Hot Pressing
RY17-Z-11510-TW	4.5"	115	7/8"	22.23	2×2.5	2×6.4	10	Hot Pressing
RY17-Z-12510-TW	5"	125	7/8"	22.23	2×2.5	2×6.4	10	Hot Pressing
RY17-Z-18010-TW	7"	180	7/8"	22.23	2×2.5	2×6.4	10	Hot Pressing

Hot-Pressed Turbo Segmented Blades



RY05-J-12508M-LW



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

RY05-J-12510M-LW



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore	Blade thickness	Segment thickness	Segment height	Technology
	inch	mm		mm	mm	mm	
LithoTeque							
RY05-J-12508M-LW	5"	125	M14	1.2	2.2	8	Hot Pressing
RY05-J-12510M-LW	5"	125	M14	1.2	2.0	10	Hot Pressing

Hot-Pressed Turbo Segmented Blades



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Item NO	Diameter		Bore	Blade thickness	Segment thickness	Segment height	Technology
	inch	mm		mm	mm	mm	
LithoTeque							
RY14-J-12508M-LW	5"	125	M14	1.4	2.2	8	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



RY03-J-12508M-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

RY03-J-12510M-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore	Blade thickness	Segment thickness	Segment height	Technology
	inch	mm		mm	mm	mm	
LithoTeque							
RY03-J-12508M-LW	5"	125	M14	1.4	2.2	8	Hot Pressing
RY03-J-12510M-LW	5"	125	M14	1.4	2.4	10	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



RY04-Z-12510-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Ceramic, Tile,
Porcelain and
Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup,
improve chip removal, maintain cutting stability.

RY03-J-12510-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Brick, Marble, Granite,
Natural Stone.

Additional functions

The cooling holes can reduce heat buildup,
improve chip removal, maintain cutting stability.

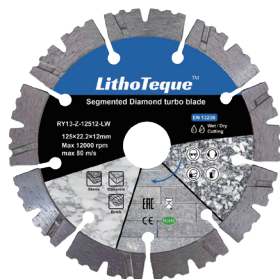
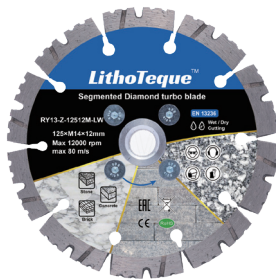
Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY04-Z-12510-LW	5"	125	7/8"	22.23	0.9	1.2	10	Hot Pressing
RY03-J-12510-LW	5"	125	7/8"	22.23	1.4	2.4	10	Hot Pressing

Hot-Pressed Segmented Blades



RY13-Z-12512-LW

RY13-Z-12512M-LW



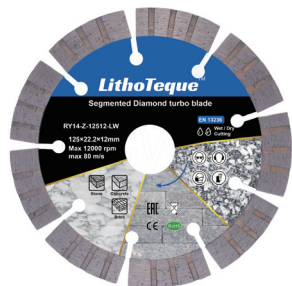
Performance Premium ★★★★★

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY13-Z-12512M-LW	5"	125	M14		1.4	2.2	12	Hot Pressing
RY13-Z-12512-LW	5"	125	7/8"	22.23	1.4	2.2	12	Hot Pressing

Hot-Pressed Turbo Segmented Blades



Performance

Premium ★ ★ ★ ★ ★

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

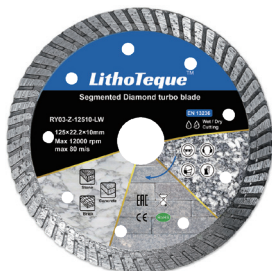
The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY14-Z-12512-LW	5"	125	7/8"	22.23	1.2	2.2	12	Hot Pressing

Hot-Pressed Turbo Blades



RY03-Z-12510-LW



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

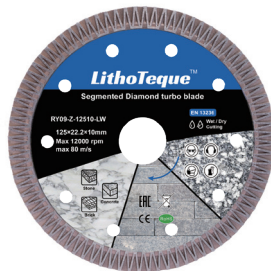
Substrates

Brick, Concrete,
Reinforced Concrete,
Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup,
improve chip removal, maintain cutting stability.

RY09-Z-12510-LW



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete,
Reinforced Concrete,
Granite, Marble.

Additional functions

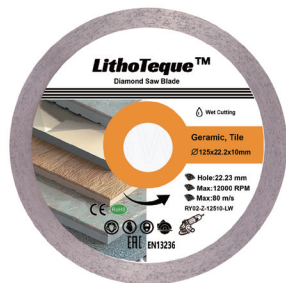
The cooling holes can reduce heat buildup,
improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY03-Z-12510-LW	5"	125	7/8"	22.23	1.2	2.2	10	Hot Pressing
RY09-Z-12510-LW	5"	125	7/8"	22.23	1.6	2.2	10	Hot Pressing

Hot-Pressed Continuous Rim Blades



RY02-Z-12510-LW



Performance

Premium ★★★★★

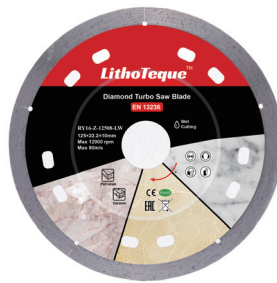
Cutting method

Wet cutting

Substrates

Ceramic, Tile,
Porcelain and
Other Fragile Materials.

RY16-Z-12508-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Ceramic, Tile,
Porcelain and
Other Fragile Materials.

Additional functions

The cooling holes can reduce heat buildup,
improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY02-Z-12510-LW	5"	125	7/8"	22.23	1.2	1.6	10	Hot Pressing
RY16-Z-12508-LW	5"	125	7/8"	22.23	0.9	1.16	8	Hot Pressing

Hot-Pressed Continuous Rim Blades



- Performance** ★ ★ ★ ★ ★ Premium
- Cutting method** Wet cutting
- Substrates** Ceramic, Tile, Porcelain and Other Fragile Materials.
- Additional functions** The honeycomb layout makes this saw blade suitable for grinding stone.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY15-Z-12525-LW	5"	125	7/8"	22.23	1.2	1.6	25	Hot Pressing

Hot-Pressed Turbo Continuous Rim Diamond Blades



RY11-Z-12525-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Ceramic, Tile,
Porcelain and
Other Fragile Materials.

RY12-Z-12525-LW



Performance

Premium ★★★★★

Cutting method

Wet cutting

Substrates

Ceramic, Tile,
Porcelain and
Other Fragile Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
LithoTeque								
RY11-Z-12525-LW	5"	125	7/8"	22.23	1.2	1.6	25	Hot Pressing
RY12-Z-12525-LW	5"	125	7/8"	22.23	1.2	1.8	10/25	Hot Pressing

57

High-Frequency Welded Segmented Blades



Performance

Standard ★★☆☆☆

Cutting method

Dry/wet cutting

Substrates

Asphalt, Paving, Pavement Tiles, Building Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
GP01-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	High-frequency welding
GP01-J-40010-TW	16"	400	1"	25.4	2.4	3.6	10	High-frequency welding
GP01-J-45010-TW	18"	450	1"	25.4	2.6	3.6	10	High-frequency welding
GP01-J-50010-TW	20"	500	1"	25.4	2.8	3.8	10	High-frequency welding
GP01-J-60010-TW	24"	600	1-3/8"	35	3.0	4.5	10	High-frequency welding
GP01-J-80010-TW	32"	800	2-3/8"	60	3.5	5.5	10	High-frequency welding
GP01-J-90010-TW	36"	900	2-3/8"	60	3.5	5.5	10	High-frequency welding
GP01-J-100010-TW	40"	1000	2-3/8"	60	3.5	5.5	10	High-frequency welding

High-Frequency Welded Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
GP02-J-35010-TW	14"	350	1"	25.4	2.2	3.4	10	High-frequency welding
GP02-J-40010-TW	16"	400	1"	25.4	2.4	3.6	10	High-frequency welding
GP02-J-45010-TW	18"	450	1"	25.4	2.6	3.6	10	High-frequency welding
GP02-J-50010-TW	20"	500	1"	25.4	2.8	3.8	10	High-frequency welding
GP02-J-60010-TW	24"	600	1-3/8"	35	3.0	4.5	10	High-frequency welding

High-Frequency Welded Segmented Blades



Performance Standard ★ ★ ★ ☆ ☆

Cutting method Dry/wet cutting

Substrates Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
GP03-J-60012-TW	24"	600	2-3/8" 2" 1-3/8" 1"	60/50/35/25.4	3	4.5	12	High-frequency welding
GP03-J-80012-TW	32"	800	2-3/8" 2" 1-3/8" 1"	60/50/35/25.4	3.5	5.5	12	High-frequency welding
GP03-J-90012-TW	36"	900	2-3/8" 2" 1-3/8" 1"	60/50/35/25.4	3.5	5.5	12	High-frequency welding
GP03-J-100010-TW	40"	1000	2-3/8" 2" 1-3/8" 1"	60/50/35/25.4	3.5	5.5	10	High-frequency welding

High-Frequency Welded Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

The special teeth profile helps with better chip removal.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology	
	inch	mm	inch	mm	mm	mm	mm		
TORGWIN									
GP03-J-60012-TW	24"	600	2-3/8" 1-3/8"	2" 1"	60/50/35/25.4	3	4.5	25	High-frequency welding

High-Frequency Welded Segmented Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Asphalt, Paving, Pavement Tiles, Building Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
GP01-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	High-frequency welding
GP01-Z-40010-TW	16"	400	1"	25.4	2.4	3.6	10	High-frequency welding
GP01-Z-45010-TW	18"	450	1"	25.4	2.6	3.6	10	High-frequency welding
GP01-Z-50010-TW	20"	500	1"	25.4	2.8	3.8	10	High-frequency welding
GP01-Z-60010-TW	24"	600	1-3/8"	35	3.0	4.5	10	High-frequency welding
GP01-Z-80010-TW	32"	800	2-3/8"	60	3.5	5.5	10	High-frequency welding
GP01-Z-90010-TW	36"	900	2-3/8"	60	3.5	5.5	10	High-frequency welding
GP01-Z-100010-TW	40"	1000	2-3/8"	60	3.5	5.5	10	High-frequency welding

High-Frequency Welded Segmented Blades



Performance

Pro ★ ★ ★ ★ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
GP02-Z-35010-TW	14"	350	1"	25.4	2.2	3.4	10	High-frequency welding
GP02-Z-40010-TW	16"	400	1"	25.4	2.4	3.6	10	High-frequency welding
GP02-Z-45010-TW	18"	450	1"	25.4	2.6	3.6	10	High-frequency welding
GP02-Z-50010-TW	20"	500	1"	25.4	2.8	3.8	10	High-frequency welding
GP02-Z-60010-TW	24"	600	1-3/8"	35	3.0	4.5	10	High-frequency welding

Laser Welded Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Asphalt, Paving, Pavement Tiles, Building Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
JG01-J-35015-TW	14"	350	1"	25.4	2.2	3.4	15	Laser welding
JG01-J-40015-TW	16"	400	1"	25.4	2.4	3.6	15	Laser welding

Laser Welded Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

Alternating tooth profiles help with better cutting and chip removal.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
JG02-J-35010-TW	14"	350	1"	25.4	2.4	3.4	13	Laser welding
JG02-J-40010-TW	16"	400	1"	25.4	2.6	3.6	13	Laser welding

Laser Welded Segmented Diamond Blades



Performance

Pro ★★★★★☆

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Granite, Marble.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
JG03-J-23010-TW	9"	230	7/8"	22.23	1.6	1.8	10	Laser welding

Laser Welded Segmented Blades



Performance

Premium ★ ★ ★ ★ ★

Cutting method

Dry/wet cutting

Substrates

Asphalt, Paving, Pavement Tiles, Building Materials.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
JG01-Z-35015-TW	14"	350	1"	25.4	2.2	3.4	15	Laser welding
JG01-Z-40015-TW	16"	400	1"	25.4	2.4	3.6	15	Laser welding

Laser Welded Segmented Blades



Performance

Premium ★★★★★

Cutting method

Dry/wet cutting

Substrates

Brick, Concrete, Reinforced Concrete, Granite, Marble.

Additional functions

Alternating tooth profiles help with better cutting and chip removal.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
JG02-Z-35010-TW	14"	350	1"	25.4	2.4	3.4	13	Laser welding
JG02-Z-40010-TW	16"	400	1"	25.4	2.6	3.6	13	Laser welding

Vacuum Brazed Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Brick, Marble, Granite, Natural Stone.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ01-J-12510-TW	5"	125	7/8"	22.23	1.2	1.2	10	Vacuum brazing
HQ01-J-18010-TW	7"	180	7/8"	22.23	1.6	1.6	10	Vacuum brazing
HQ01-J-23010-TW	9"	230	1"	25.4	1.6	1.6	10	Vacuum brazing

Vacuum Brazed Universal Diamond Saw Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Steel, Iron.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ05-J-18003-TW	7"	180	7/8"	22.23	1.6	2.2	3	Vacuum brazing
HQ05-J-23003-TW	9"	230	7/8"	22.23	1.6	2.2	3	Vacuum brazing

Vacuum Brazed Diamond Saw Blades



- Performance** Standard ★ ★ ★ ☆ ☆
- Cutting method** Dry cutting
- Substrates** Wood, Plastic, Plywood.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ04-J-18003-TW	7"	180	7/8"	22.23	1.6	2.2	3	Vacuum brazing
HQ04-J-23003-TW	9"	230	7/8"	22.23	1.6	2.2	3	Vacuum brazing

Vacuum Brazed Segmented Blades



- Performance** Standard ★★☆☆☆
- Cutting method** Dry/wet cutting
- Substrates** Stone, Steel.
- Additional functions** The particles on the segment profile help with chip removal and heat dissipation.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ07-J-30003-TW	12"	300	1"	25.4	2.2	2.2	3	Vacuum brazing

Vacuum Brazed Diamond Saw Blades



Performance Standard ★★☆☆☆

Cutting method Dry/wet cutting

Substrates Glass

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ09-J-10020-TW	4"	100	?	20	1.0	1.0	20	Vacuum brazing
HQ09-J-11520-TW	4.5"	115	7/8"	22.23	1.0	1.0	20	Vacuum brazing

Vacuum Brazed Segmented Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Stone, Steel.

Additional functions

The particles on the segment profile help with chip removal and heat dissipation.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ06-J-18005-TW	7"	180	7/8"	22.23	1.8	1.8	5	Vacuum brazing
HQ06-J-23005-TW	9"	230	7/8"	22.23	1.8	1.8	5	Vacuum brazing

Electroplated Continuous Rim Galvanized Blades



HQ02-J-125-TW



Performance Standard ★★☆☆☆

Cutting method Dry/wet cutting

Substrates Marble, Granite,
and other stones.

Additional functions The triangles layout makes this saw blade suitable for grinding stone.

HQ02-J-125M-TW



Performance Standard ★★☆☆☆

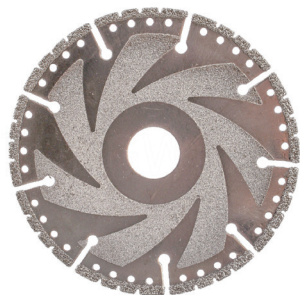
Cutting method Dry/wet cutting

Substrates Marble, Granite,
and other stones.

Additional functions The triangles layout makes this saw blade suitable for grinding stone.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ02-J-125-TW	5"	125	7/8"	22.23	1.2	1.4	-	Electroplating
HQ02-J-125M-TW	5"	125	M14		1.2	1.4	-	Electroplating

Universal Electroplated Diamond Saw Blades



Performance

Standard ★ ★ ★ ☆ ☆

Cutting method

Dry/wet cutting

Substrates

Stone, Steel.

Additional functions

The cooling holes can reduce heat buildup, improve chip removal, maintain cutting stability.

Item NO	Diameter		Bore		Blade thickness	Segment thickness	Segment height	Technology
	inch	mm	inch	mm	mm	mm	mm	
TORGWIN								
HQ03-J-12505-TW	5"	125	7/8"	22.23	1.2	1.2	5	Electroplating
HQ03-J-18005-TW	7"	180	7/8"	22.23	1.6	1.6	5	Electroplating
HQ03-J-23005-TW	9"	230	7/8"	22.23	1.8	1.8	5	Electroplating



www.torgwintools.com



NINGBO T-WIN IMP. & EXP. CO., LTD.

Add: Room 4-11, New Materials Innovation Center, Ningbo High-tech Zone, Ningbo City, Zhejiang Province, CN.

Tel: 0574-88068762

Email: cassie@nbtg-tools.com