



**A CUT ABOVE THE REST**



[www.edgediamond.com](http://www.edgediamond.com)



Manufactured to  
EN13236



## ABOUT EDGE

Edge Diamond strive to be a dominant global force in the industrial diamond tool sector. Edge have become one of the fastest growing companies in this sector and have achieved an enviable reputation for the innovation, design and manufacture of World leading diamond consumable products. Edge has gained the respect and admiration for their innovative products, quality, integrity and sound business policies of which we are distinctly proud. We have set out to dominate the diamond product market with an extremely high class range of diamond products.

We do everything reasonably possible to ensure that when a customer is dealing with Edge, it is a real pleasure. We want to provide legendary customer service and product. We do not want to just meet the needs of our customers; we want to exceed their expectations. After all our business is our customers and we have become a dominant force within the industry due to their support and trust in us. We are never content at matching our competitors operations and products, we want to offer outstanding products, back up and service second to none.

With an accumulation of technology, through long experiences and innovation, we have continuously developed optimal diamond tools throughout the stone processing industry, building and construction sector and are relentlessly pushing the limits of technology to produce even more outstanding diamond precision tools for the 21st century. We have a technical workforce and only employ outstanding people, who are hard working, versatile, innovative, customer focused, quality driven, cost effective and responsible. We all believe in our quest of being the best and a cut above the rest.

We produce unique products that exceed customers expectations and we have an effective support system and on site consultancy and also provide individual or group training sessions on applications and also certificated training sessions on the safe use of diamond machines and abrasive wheels wherever they may be.

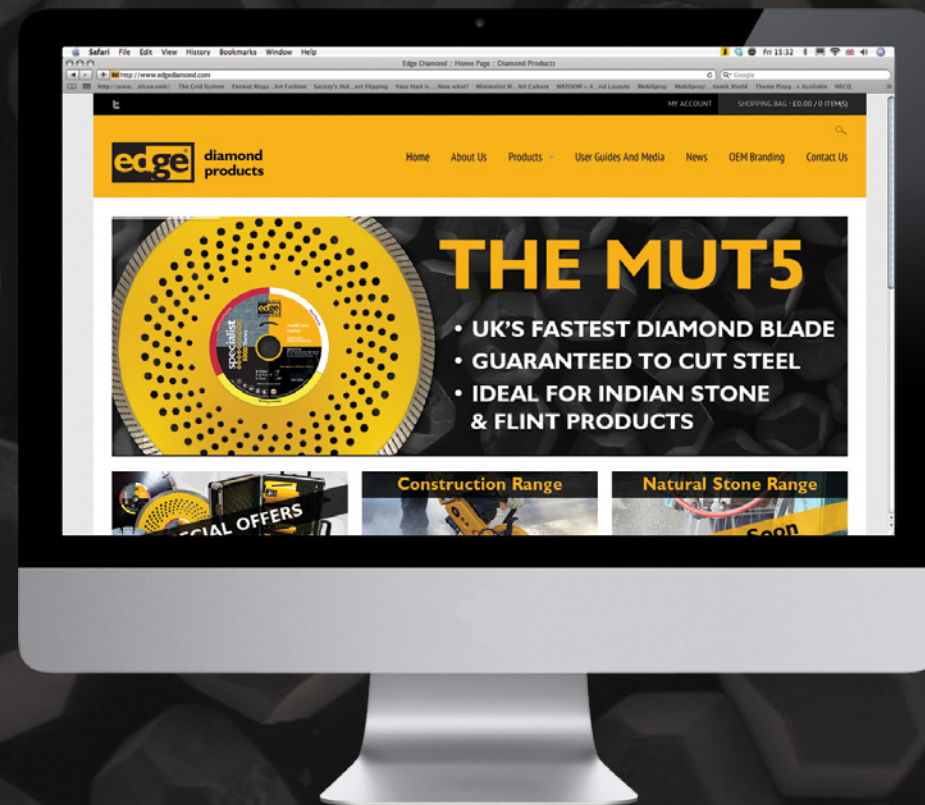
All of our products are manufactured in accordance to EN13236:2001 (safety requirements for super abrasives) under the strict regime of OSA or MPA international standards. Whatever the type of environment, whatever

the application we are able to deliver the goods and support in partnership with our dedicated, trusted customers, wherever they are. We truly offer high quality, cost effective products that offer total piece of mind.

All in all Edge Diamond have the ability to offer competitive diamond products across all qualities and price levels that out-perform and out-price all rivals with a better quality, safer, cosmetically good looking product and deliver it on time with a caring, knowledgeable service and support infrastructure, guaranteed. Edge export to over 30 different countries.

VISIT OUR WEBSITE

[www.edgediamond.com](http://www.edgediamond.com)



# DIAMOND BLADE APPLICATION CHART



**Highest Performance**  
- Maximum Cutting Speed and Life.



**Good Performance**  
- Good Cutting Speed and Life.



**Acceptable**  
- Reasonable Cutting Speed and Life.



**High Performance**  
- Excellent Cutting Speed and Life.



**Recommended**  
- Reasonable Cutting Speed and Life.



**Not Suitable**

APPLICATION	BOND (SEGMENT)		Specialist 1000 Series 🔧🔧🔧🔧🔧🔧🔧🔧🔧🔧 Lowest cost per cut Maximum blade life and performance		Contract 600 Series 🔧🔧🔧🔧🔧🔧 Good cost per cut Very good blade life and performance			Trade 400 Series 🔧🔧🔧🔧 Good blade life and performance Double Laser Welded      Sintered						Value 200 Series 🔧🔧 Standard quality and performance
		BOND MATERIAL	MUT5 MULTI-USE	MM50 MULTI-USE	LWE10 HARD MATERIALS	LWE30 GENERAL MASONRY	LWE80 ABRASIVE & ASPHALT	VH10 HARD MATERIALS	VA80 ABRASIVE & ASPHALT	GPT30 GENERAL TURBO	RA30 GENERAL MASONRY	RAX30 GENERAL MASONRY	RAX1030 GENERAL TURBO	GMM30 GENERAL MASONRY
HARD	SOFT	DUCTILE IRON	✓✓✓✓✓	✓✓✓✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		METAL STEEL	✓✓✓✓✓	✓✓✓✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		PORCELAIN	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		GRANITE	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		CERAMIC TILES	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		ENGINEERING BRICKS	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓	✗	✓✓	✗	✓	✓	✓✓	✓✓	✓
		CONCRETE HARD AGGREGATES	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓	✗	✓	✗	✓	✓	✓✓	✓✓	✓
		CLAY PIPES	✓✓✓✓✓	✓✓✓	✓✓✓	✗	✗	✓	✗	✓	✓	✓✓	✓✓	✓
		CLAY PAVIOURS	✓✓✓✓✓	✓✓✓	✓✓✓	✓	✗	✓	✗	✓✓	✓✓	✓✓✓	✓✓✓	✓
		CLAY ROOF TILES	✓✓✓✓✓	✓✓✓	✓✓✓	✓	✗	✓	✗	✓✓	✓✓	✓✓✓	✓✓✓	✓
		HARD PAVIOURS	✓✓✓✓✓	✓✓✓	✓✓✓	✓	✗	✓✓	✓✓	✓✓	✓✓	✓✓✓	✓✓✓	✓
		HARD FACING BRICKS	✓✓✓✓✓	✓✓✓	✓✓✓	✓✓	✗	✓✓	✓✓	✓✓	✓✓	✓✓✓	✓✓✓	✓
		REINFORCED CONCRETE LINTELS	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓✓	✗	✓✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓
		CURED CONCRETE	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓✓	✗	✓✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		CONCRETE PAVING SLABS	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓	✗	✓✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		CONCRETE PIPES & KERBS	✓✓✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓	✗	✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		MEDIUM FACING BRICKS	✓✓✓	✓✓✓✓✓	✓	✓✓✓	✗	✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		HARD SANDSTONES	✓✓	✓✓✓✓✓	✗	✓✓✓	✗	✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		SLATE	✓✓	✓✓✓✓✓	✗	✓✓✓	✗	✗	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		MARBLE	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
		LIMESTONE CONCRETE	✓✓	✓✓✓✓✓	✗	✓✓✓	✗	✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		MEDIUM BLOCK PAVIOURS	✓✓	✓✓✓✓✓	✗	✓✓✓	✗	✓	✗	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓	✓✓
		CONCRETE TILES	✓	✓✓✓	✗	✓✓	✗	✓	✗	✓✓	✓✓	✓✓✓	✓✓✓	✓
		MEDIUM SANDSTONE	✓	✓✓✓✓	✗	✓	✓✓✓	✗	✓✓	✓✓	✓✓	✓✓✓	✓✓✓	✗
		GRITSTONE	✗	✓✓✓✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗
		ASPHALT OVER CONCRETE	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗
		BREEZE BLOCKS	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗
		TOP BLOCKS	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗
SOFT	HARD	GREEN CONCRETE	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗
		ASPHALT	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗
		LIGNACITE BLOCKS	✗	✓✓✓✓✓	✗	✗	✓✓✓	✗	✓✓	✗	✗	✓	✓	✗

If cutting speed slows down or stops and the segments have not worn away, expose new diamonds by running the blade through abrasive material such as sandstone.  
If the problem persists, choose a blade with a softer bond (Cutting Segment). If the blade you have selected has premature segment wear, choose a blade with a harder bond (Cutting Segment).



## GENERAL PURPOSE

For medium hardness class B engineering bricks, concrete kerbs, concrete lintels and beams, reinforced concrete, 30-60 newton block paviments, york stone, concrete pipes and other less abrasive materials.



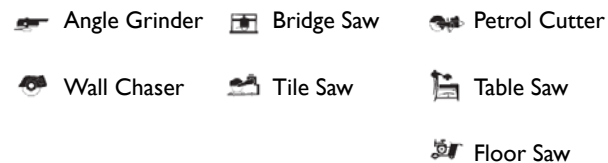
**GMM30 8mm Segments**

Code	Size	MRSP
GMM30-300/20	300/20mm	£54.00



### Machine Symbols Key

Types of equipment used in construction with diamond products.



### Other Symbols



**RA30 10mm Segments**

Code	Size	MRSP
RA30-115/22	115/22mm	£21.00
RA30-125/22	125/22mm	£23.00
RA30-230/22	230/22mm	£50.00
RA30-300/20	300/20mm	£95.00
RA30-350/20	350/20mm	£105.00
RA30-350/25	350/25mm	£105.00



**RAX1030 10mm Segments**

### MULTI-PURPOSE

Code	Size	MRSP
RAX1030-300/20	300/20mm	£95.00



**GPT30 10mm Segments**

Code	Size	MRSP
GPT30-300/20	300/20mm	£95.00



**RAX30 15mm Segments**

### MULTI-PURPOSE

Code	Size	MRSP
RAX30-300/20	300/20mm	£128.00



**VA80 10mm Segments**

### ASPHALT & ABRASIVE MATERIALS

Including green concrete, breeze blocks, soft facing bricks, abrasive refractory materials, firebricks, cellular concrete bricks, soft sandstone and other lightweight building materials.

Code	Size	MRSP
VA80-300/20	300/20mm	£128.00
VA80-350/25	350/25mm	£155.00



**VH10 10mm Segments**

Code	Size	MRSP
VH-300/20	300mm	£128.00
VH-350/25	350mm	£155.00



## HARD MATERIALS

Very hard concrete, class A engineering bricks, 65-100 newton clay paviments, hard flint aggregates, reinforced concrete lintels, kerbs, hard concrete paving slabs, some clay products, granite, hard slate.

## HARD MATERIALS

Very hard concrete, Class A engineering bricks, 65-100 newton clay paviours, hard flint aggregates, reinforced concrete lintels, kerbs, hard concrete paving slabs, some clay products, granite, hard slate.



LWE10 12mm Segments

Code	Size	MSRP
LWE10-300/20	300/20mm	£140.00
LWE10-350/25	350/25mm	£190.00
LWE10-400/25	400/25mm	£212.00
LWE10-450/25	450/25mm	£232.00



## GENERAL PURPOSE

For medium hardness class B engineering bricks, concrete kerbs, concrete lintels and beams, reinforced concrete, 30-60 newton block paviours, york stone, concrete pipes and other less abrasive materials.



LWE30 12mm Segments

Code	Size	MSRP
LWE30-300/20	300/20mm	£140.00
LWE30-350/25	350/25mm	£190.00
LWE30-400/25	400/25mm	£212.00
LWE30-450/25	450/25mm	£232.00



## ASPHALT & ABRASIVE MATERIALS

For all Asphalt & abrasive materials including green concrete, breeze blocks, soft facing bricks, abrasive refractory materials, firebricks, cellular concrete bricks, soft sandstone and other lightweight building materials.



LWE80 12mm Segments

Code	Size	MSRP
LWE80-300/20	300/20mm	£140.00
LWE80-350/25	350/25mm	£190.00
LWE80-400/25	400/25mm	£212.00
LWE80-450/25	450/25mm	£232.00



## MULTI-APPLICATION



MUT5 10mm Segments

Code	Size	MSRP
MUT5-300/20	300/20mm	£130.00



## HARD/MEDIUM STEEL

Very hard concrete, Class A engineering bricks, 65-100 newton clay paviours, hard flint aggregates, reinforced concrete lintels, kerbs, hard concrete paving slabs, some clay products, granite, hard slate. Ductile iron and steel up to 10mm thickness.



MM50 12mm Segments

## CUTS EVERYTHING

Code	Size	MSRP
MM50-300/20	300/20mm	£165.00
MM50-350/25	350/25mm	£230.00
MM50-400/25	400/25mm	£262.00
MM50-450/25	450/25mm	£320.00



## HARD/MEDIUM ABRASIVE ASPHALT

For medium hardness class B engineering bricks, concrete kerbs, concrete lintels and beams, reinforced concrete, 30-60 newton block paviours, york stone, concrete pipes and other less abrasive materials. Ductile iron and steel up to 10mm thickness.

## DUST SUPPRESSION WATER BOTTLES



ZE14L MRSP £86.00

Zeneka 14L Dust Suppression Water Bottle complete with 3m hose with universal quick release hose fitting.

Fits most modern disc cutters.



3270W MRSP £148.00

Mesto 10L Dust Suppression Water Bottle complete with 4m hose with universal quick release hose fitting.

Professional quality water bottle, with bottom feed, sturdy base and pressure release valve,

Fits most modern disc cutters.

## DOUBLE ROW CUP GRINDER

Concrete grinding for use on all types of machines for floor grinding concrete floors.



### DR

Code	Size	MRSP
DR 115 22	115mm	£82.00
DR 125 22	125mm	£94.00



## MORTAR RAKING BLADE - HARD/MEDIUM ABRASIVE

For raking out joints between brick and blockwork. Fast stock removal and long life.



### MR30 10mm Segments

Code	Size	MRSP
MR30 115 22	115x6mm	£140.00
MR30 125 22	125x6mm	£165.00



## DRILL KEYS & ADAPTORS

	Code	Item	MRSP
	CA HEXAD	Hex Adaptor Only	£28.00
	CA PIDRIL	Dry Core Pilot Bit Drill	£19.00
	CA DFKEY	Drift Key	12.00
	CA SDSAD	SDS Adaptor Only	£28.00
	CA GUDRD	Guide Rod	£18.00
	CA EXBAR	250mm Extension Bar - Solid	£32.00
	CA MAXAD	SDS MAX - 1/2" BSP M Adaptor	£34.00



## WET CORE DRILLS

For hard and medium hardness concretes with medium reinforcing. For grindstone, river gravel aggregates concrete.

Code	Finished Size	Barrel Length	MRSP
WCD-52/450	52mm	450mm	£95.00
WCD-77/450	77mm	450mm	£121.00
WCD-82/450	82mm	450mm	£142.00
WCD-92/450	92mm	450mm	£154.00
WCD-102/450	102mm	450mm	£175.00
WCD-107/450	107mm	450mm	£194.00
WCD-112/450	112mm	450mm	£213.00
WCD-117/450	117mm	450mm	£218.00
WCD-127/450	127mm	450mm	£222.00
WCD-152/450	152mm	450mm	£284.00
WCD-172/450	172mm	450mm	£326.00
WCD-200/450	200mm	450mm	£382.00
WCD-225/450	225mm	450mm	£446.00
WCD-250/450	250mm	450mm	£492.00



## DRY CORE DRILLS

For use on medium hardness general purpose applications. Medium hardness stock bricks and concrete blocks.

Code	Core Diameter	Barrel Length	MRSP
DCD-28/300	28mm	300mm	£73.00
DCD-38/150	38mm	150mm	£52.00
DCD-52/150	52mm	150mm	£67.00
DCD-78/150	78mm	150mm	£91.00
DCD-92/150	92mm	150mm	£109.00
DCD-107/150	107mm	150mm	£119.00
DCD-117/150	117mm	150mm	£138.00
DCD-127/150	127mm	150mm	£158.00
DCD-152/150	152mm	150mm	£170.00

## BLADE SPEEDS

	Size (mm)	80	100	105	115	125	150	180	200	230	250	300	350	400	450	500	600
80M/S	Speed (rpm)	19,100	15,300	14,500	13,300	12,250	10,200	8,500	7,650	6,650	6,150	5,100	4,400	3,850	3,400	3,100	2,550
100M/S	Speed (rpm)	23,900	19,100	18,100	16,650	15,300	12,750	10,650	9,550	8,350	7,650	6,400	5,500	4,800	4,250	3,850	3,200

### Safety Information

#### For general safety, ensure that:

1. The correct specification blade has been selected for the application.
2. The machine selected for the operation is of the correct specification and has been serviced to a standard that complies to the manufacturer's service recommendations.
3. That the machine complies or exceeds all relevant health and safety regulations.
4. That the area of operation is clean and tidy and complies with any need for barriers, signs, warning notices, etc.
5. That the operator has been properly trained and certified for machine operation and health and safety regulations.
6. That in the case of electrically powered machines, the machine is of the correct voltage and that the site supply is adequate both in terms of power supply and compliance to site electricity supply regulations.
7. Always ensure that when fitting a blade the machine is disconnected from the power source and the correct tools are used.
8. That the site is free of pets and children.

#### When using the Diamond product, ensure that:

1. The blade or bit is operating at the manufacturer's recommended speed.
2. The blade or bit is being fed into the work at a suitable rate.
3. In the case of wet cutting an adequate supply of water is available.
4. The blade or bit is in a suitably undamaged condition.
5. The blade is never twisted or forced in the cut.
6. The blade is gradually lowered into the material being cut.
7. The material being cut is not hand or foot restrained.
8. The blade and machine are periodically inspected for wear or damage.

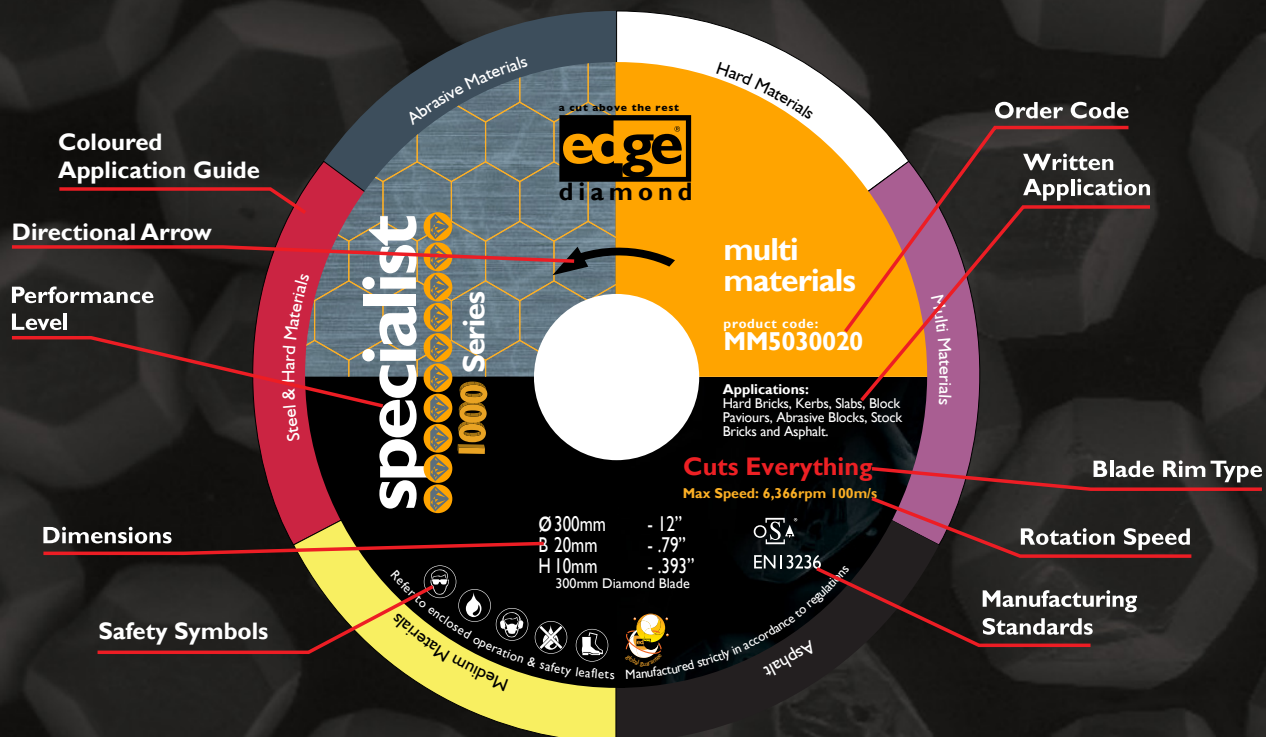
#### For your personal safety, always ensure that you:

1. Wear suitable ear defenders.
2. Wear suitable foot wear.
3. Wear suitable eye protection.
4. Wear suitable protection against dust.
5. Wear suitable clothing.
6. Read the instructions carefully.





## BLADE LABEL DIAGRAM



## Specialist 1000 Series



Unrivalled product performance and price  
Lowest cost per cut  
Ultimate Diamond quality and bond formulation  
Widest span of application

## Contract 600 Series



Above industry standard performance at outstanding price  
Good cost per cut  
Good Diamond quality and bond formulation  
Easily cuts wide applications with ease with good life

## Trade 400 Series



Price and performance levels designed to offer excellent value for money  
Good cost per cut/price ratio  
Good Diamond quality and bond formulation  
Good cutting performance on correct application

## Value 200 Series



Standard performance and pricing  
Standard Diamond quality and bond formulation  
Standard cutting performance on correct application  
Entry level blades

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