

Frankfurt Abrasives polishing stone is intended for calibrating, grinding and polishing natural stone and artificial stone, such as marble, limestone, travertine, artificial marble and gang saw quartz stones. As per polishing steps, there is Frankfurt abrasives stone in diamond metal bond, magnesite bond, synthetic resin bond, oxalic acid bond and nylon fiber bond available for choices.



for Marble, Travertine and Artificial Stones
Calibration - Grinding - Polishing



Diamond Frankfurt Abrasives



Diamond Frankfurt is designed for marble calibration and grinding. This Frankfurt plate is with selected metal powder and high concentration of diamond that give good grinding capacity to calibrate and grind slab or tile.

Application	Calibration/Grinding
Bond	Diamond Metal Bond
Package	36pcs/Carton
Available	36# 46# 60#
Grit Size	120# 220#

Magnesite Frankfurt Abrasives



Magnesite Frankfurt is made of magnesium powders and silicon carbide for marble calibration and rough grinding. Selected quality of silicon carbide in use for sharp grinding and stable performance.

Application	Calibration/Grinding
Bond	Magnesite Bond
Package	36pcs/Carton
Available	16# 24# 36# 46# 60#
Grit Size	80# 120# 220# 320#

Diasilicon Frankfurt Abrasives



Diasilicon Frankfurt is an upgraded technology based on synthetic frankfurt and diamond frankfurt, with synthetic resin bond and mixture of diamond and silicon carbide that gives unexpected long life and sharpness for marble and artificial stones.

Application	Calibration/Grinding
Bond	Diamond Resin Bond
Package	36pcs/Carton
Available	60# 80# 120#
Grit Size	180# 220# 320#

Synthetic Frankfurt Abrasives



Synthetic Frankfurt is bonded with both resin and silicon carbide for marble fine grinding. It is more adaptable for marbles in different colors and hardness and makes more aggressive grinding and polishing. Available in Frankfurt and S Shape.

Application	Grinding/Polishing
Bond	Synthetic Resin Bond
Package	36pcs/Carton
Available	400# 600# 800#
Grit Size	1000# 1200# 1500#

5 EXTRA Frankfurt Abrasives



Frankfurt 5 Extra is oxalic acid pressed abrasive stone to shine marble slab or tiles. With selected materials and exclusive oxalic acid bond based on rich marble polishing experiences, this 5 Extra gives high quality mirror polishing at low polishing cost.

Application	Polishing
Bond	Oxalic Acid Bond
Package	36pcs/Carton
Available	5 Extra - Durable
Grit Size	10 Extra - Sharp

Frankfurt Cleaner Abrasive Stone



Cleaner Frankfurt Abrasive stone is a resin bond cleaner for stone final cleaning after polishing with 5 Extra polishing stone, it remove surface stone debris only and mostly can not help increase polishing glossy.

Application	Cleaning
Bond	Resin Bond
Package	36pcs/Carton
Available	6000#
Grit Size	Cleaner

Silicon Carbide Frankfurt Brush SD



Silicon Carbide Brushes is designed for antique surface or matt surface brushing for marble. It is made of silicon carbide filament and plastic base. Quality of silicon carbide decides brush quality. Standard brush comes with filament randomly distributed or installed.

Material	Silicon Carbide Filament
Filament	Random Distributed
Package	36pcs/Carton
Available	16# - 320# Coarse
Grit Size	400# - 2000# Fine

Silicon Carbide Frankfurt Brush RS/RB



Reinforced type brushes are with silicon carbide filament installed in a solid roll, bigger or smaller, both are more aggressive and longer life than brushes in random distributed installation way. It is an upgrade design for choice.

Material	Silicon Carbide Filament
Filament	Solid Rolls (Big/Small)
Package	36pcs/Carton
Available	16# - 320# Coarse
Grit Size	400# - 2000# Fine

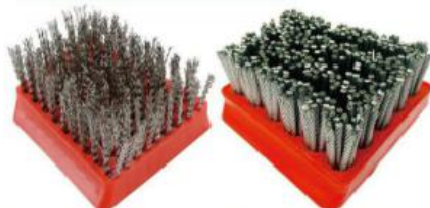
Sponge Frankfurt Cleaner Pads



Frankfurt Fiber Sponge Cleaner Pad is designed for marble final step polishing and surface cleaning. With this last polishing step, it gives good surface polishing quality by cleaning residual stone debris and increase polishing glossy.

Application	Cleaning/Polishing
Bond	Fiber Sponge Bond
Package	72pcs/Carton
Available	2000# 3000#
Grit Size	6000# 10000#

Steel Frankfurt Brush ST/STR



Steel brush is with single mesh and it comes with 2 type of steel formation, namely, steel wire and steel rope for different choices. It is sharp and aggressive in stone surface making.

Material	Steel Filament
Filament	Wire/Rope
Package	36pcs/Carton
Available	Single Mesh
Grit Size	Wire/Rope

Diamond Frankfurt Brush DSD



Diamond Brushes is more aggressive grinding and brushing than silicon carbide brushes for marble grinding and brushing. Diamond brush is suggested with solid rolls of Filament installation, namely smaller roll solid brush and bigger roll solid brush.

Material	Diamond Filament
Filament	Solid Rolls (Small)
Package	36pcs/Carton
Available	36# - 320# Coarse
Grit Size	400# - 800# Fine

Diamond Frankfurt Brush DRS/DRB



Bigger solid roll diamond brush is stronger and more aggressive than smaller roll brush and it is supposed with longer life as well. For customer accepting higher price and pursuit of longer brush life, it is another good choice.

Material	Diamond Filament
Filament	Solid Rolls (Big)
Package	36pcs/Carton
Available	36# - 320# Coarse
Grit Size	400# - 800# Fine

L140 Fickert abrasives stone is widely used on automatic polishing lines or bridge type single or multi head polishing machine, for calibrating, grinding and polishing granite and quartz stones. As per different polishing steps, it is available in diamond metal bond, magnesite bond, resin bond, BUFF and LUX.



for Granite Slab/Tiles
Calibration - Grinding - Polishing



Diamond Fickert Abrasives



Diamond Fickert for calibrating and grinding on granites and artificial quartz stone slabs in automatic polishing machine with advantage of high sharpness polishing and electricity saving.

Application	Calibration/Grinding
Bond	Diamond Metal Bond
Package	24pcs/Carton
Available Grit Size	36# 46# 60# 80# 120# 180# 220#

Magnesite Bond Fickert Abrasives



Magnesite Fickert is intended for granite calibration and grinding, selected silicon carbide used for fast calibration and grinding and stable performance. 16# to 320# grit sizes are used for calibration and rough grinding

Application	Calibration/Grinding
Bond	Magnesite Bond
Package	24pcs/Carton
Available Grit Size	16# 24# 36# 46# 60# 80# 120# 220# 320#

Magnesite Bond Fickert Abrasives



Magnesite Fickert in 400# to 1500# grit sizes are used to make fine grinding and polishing. It is with fine grain of powder and silicon carbide grit sizes as well. After using 1500#, granite reaches certain glossy and ready for final polishing with Lux of Buff.

Application	Grinding/Polishing
Bond	Magnesite Bond
Package	24pcs/Carton
Available Grit Size	400# 600# 800# 1000# 1200# 1500#

Resin Bond Fickert Abrasives



Resin Bonded Fickert is designed for granite rough grinding and fine polishing with advantage of high sharpness and long life. It is available from 120# and suggested use metal bond or magnesite bond to make calibration before using resin bond fickert.

Application	Grinding/Polishing
Bond	Resin Bond
Package	36pcs/Carton
Available Grit Size	120# 220# 320# 400# 600# 800# 1000# 1200# 1500#

Lux Fickert Abrasives Brick



LUX Fickert is wool pressed polishing stone for granite final polishing. Compared to BUFF Ficket (resin bond), LUX gives long lasting shinning and it is widely in use in Chinese market.

Buff Fickert Abasives Stone



BUFF Fickert is a resin bond polishing used for granite final polishing. Compared to LUX Fickert, BUFF Fickert gives good shinning but glossy last shorter time than LUX. It is an economic polishing stone compared to LUX Fickert

Silicon Carbide Fickert Brush SD



Silicon Carbide Fickert Brushes is designed for antique surface or matt surface brushing for granite. It is made of silicon carbide filament and plastic base. Standard brush comes with silicon carbide filament randomly distributed.

Silicon Carbide Fickert Brush RB



Fickert bushes also available in reinforced solid roll filament installation way, and it is stronger and more aggressive and longer tool life than standard brushes. It is an upgrade brushes for choices.

Application	Polishing
Bond	Wool Pressed
Package	24pcs/Carton
Available	Lux
Grit Size	Black/Brown

Application	Cleaning
Bond	Resin Bond
Package	24pcs/Carton
Available	BUFF
Grit Size	Green/Black

Material	Silicon Carbide Filament
Filament	Random Distributed
Package	24pcs/Carton
Available	16# - 320# Coarse
Grit Size	400# - 2000# Fine

Material	Silicon Carbide Filament
Filament	Solid Rolls (Small/Big)
Package	24pcs/Carton
Available	16# - 320# Coarse
Grit Size	400# - 2000# Fine

Fiber Sponge Fickert Cleaner Pad



Fickert Fiber Sponge Cleaner Pad is designed for granite final step polishing and surface cleaning. With this last polishing step, it gives good surface polishing quality by cleaning residual stone debris and increase polishing glossy.

Steel Fickert Brush ST/STR



Steel brush is with single mesh and it comes with 2 type of steel formation, namely, steel wire and steel rope for different choices. It is sharp and aggressive in stone surface making.

Diamond Fickert Brush DRS



Diamond Brush is more aggressive grinding and brushing than silicon carbide brush. For granite grinding and brushing, diamond brush suggested choose with solid rolls, it is available in smaller and bigger solid rolls for filament installation.

Diamond Fickert Brush DRB



Diamond Brushes with bigger rolls are supposed with longer life and more sharpness in brushing and it is a good choice for customers accepting higher cost and looking for longer life from fickert brushes.

Application	Cleaning/Polishing
Bond	Fiber Sponge Bond
Package	36pcs/Carton
Available	2000# 3000#
Grit Size	6000# 10000#

Material	Steel Filament
Filament	Wire/Rope
Package	24pcs/Carton
Available	Single Mesh
Grit Size	Wire/Rope

Material	Diamond Filament
Filament	Solid Rolls (Small)
Package	24pcs/Carton
Available	36# - 320# Coarse
Grit Size	400# - 800# Fine

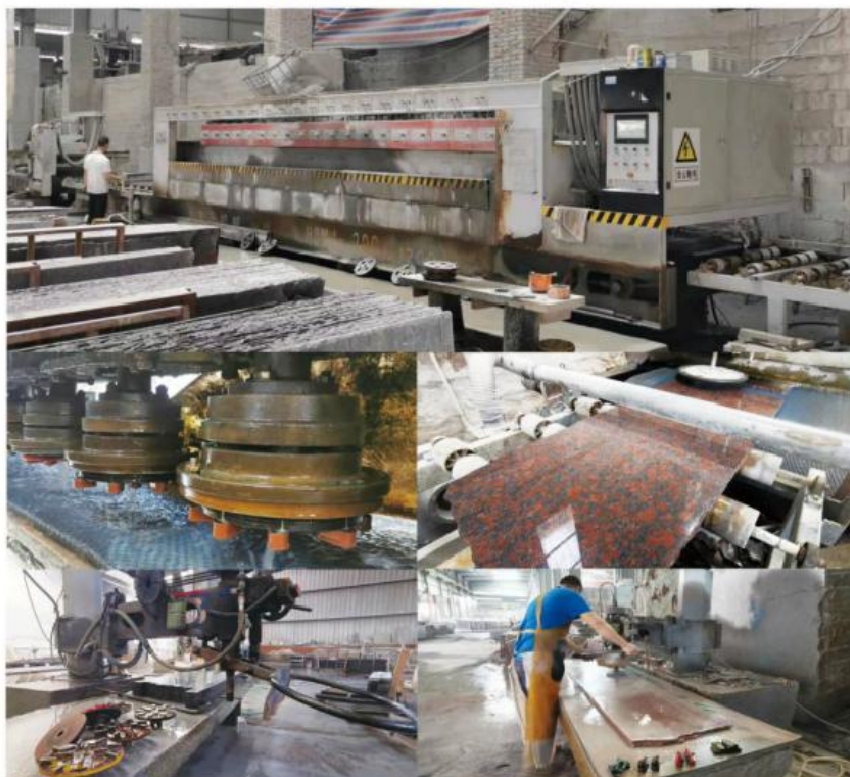
Material	Diamond Filament
Filament	Solid Rolls (Big)
Package	24pcs/Carton
Available	36# - 320# Coarse
Grit Size	400# - 800# Fine

Granite Grinding Disk / Disk Polishing Pad

Metal Disc, Resin Disc and Buff Disc is widely in use on manual radial arm polishing machine and automatic polishing lines taking grinding disk tools system. With introduction of grinding disc to granite automatic polishing lines, grinding disc is more and more in use in big quantities. Compared to magnesite abrasive stone, grinding disc enjoys higher polishing efficiency and less stone waste. It is more for granite strips or tiles polishing.



for Granite Calibration - Grinding - Polishing



9"/220mm Metal Bond Grinding Disk



Metal grinding disk is a segmented grinding disk for granite calibration and grinding. It is widely used on automatic polishing lines and radial arm manual polishing machine. Grit size 30# or 36# comes with 24mm length segment.

Application	Calibration/Grinding
Bond	Diamond Metal Bond
Package	10pcs/Pack
Available	30# 36#
Grit Size	24mm Length Segment

9"/220mm Metal Bond Grinding Disk



Metal grinding disk is a segmented grinding disk for granite calibration and grinding. It is widely used on automatic polishing lines and radial arm manual polishing machine. Grit size 50#-400# comes with 40mm length segment.

Application	Calibration/Grinding
Bond	Diamond Metal Bond
Package	10pcs/Pack
Available	50# 200# 400#
Grit Size	40mm Length Segment

8inch/200mm Resin Bond Grinding Disk



Resin bond grinding disk is a resin segmented grinding disk for granite fine grinding and polishing. It is widely used on automatic polishing lines and radial arm manual polishing machine. It is a traditional design with grit size up to 1500#.

Application	Grinding/Polishing
Bond	Resin Bond
Package	20pcs/Carton
Available	500# 800# 1500#
Grit Size	Segmented Type

8inch/200mm Resin Bond Grinding Disk



Continuous ring type resin disk is a new design with a continuous ring of grinding segment as a new substitute for segmented resin disk. It is with higher polishing sharpness and resulted in higher polishing glossy. Now available in 1500# and 2000#.

Application	Grinding/Polishing
Bond	Resin Bond
Package	20pcs/Carton
Available	1500# 2000#
Grit Size	Continuous Ring Type

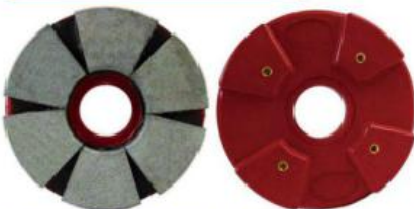
Buff Polishing Disk - Continuous



Buff Polishing Disk is used for granite slab and tile polishing on automatic polishing machine or manual polishing machine with high processing efficiency, fast and consistent shining. This buff disk comes with a traditional 3-groove continuous rim segment.

Application	Polishing
Bond	Wool Pressed
Package	20pcs/Carton
Available Grit Size	BUFF - Continuous Black/White

Buff Polishing Disk - Segmented



This segmented Buff Disk is based on continuous buff disk but with separated segments, it helps heat distribution and increase polishing quality. It is higher quality/price ratio choice for granite final polishing.

Application	Polishing
Bond	Wool Pressed
Package	20pcs/Carton
Available Grit Size	BUFF - Segmented Black/White

Square-Segment Granite Polishing Pad



Granite polishing pads in big diameter is designed with a velcro backing cloth for easy change and saving cost by recycle use of adapter. Square segment is first big pad we have and proved high polishing quality and good long life.

Application	Grinding/Polishing
Available Diameter	8 inch/200mm 10 inch/250mm
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000# BUFF

Continuous-Ring Granite Polishing Pad



Continuous ring granite polishing pad is designed based on continuous resin disk, it is available from 50# to 3000# and Buff. It is with high sharpness and good polishing glossy commented from different markets.

Application	Grinding/Polishing
Available Diameter	8 inch/200mm 10 inch/250mm
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000# BUFF

Silicon Carbide Round Brush



Silicon Carbide Brush is designed for antique surface or matt surface brushing for granite. It is made of silicon carbide filament. Quality of brush is closed related to quality of filament. Standard Brush with silicon carbide filament randomly installed.

Material	Silicon Carbide Filament
Diameter	8 inch/200mm
Package	20pcs/Carton
Available Grit Size	16# - 320# Coarse 400# - 2000# Fine

Diamond Round Brush



Diamond Brush is more aggressive grinding and brushing than silicon carbide brush, Diamond brush is suggested with solid rolls of filament installation, it helps prolong brush life and higher brushing efficiency.

Material	Diamond Filament
Diameter	8 inch/200mm
Package	20pcs/Carton
Available Grit Size	36# - 320# Coarse 400# - 800# Fine

Turbo-Ring Granite Polishing Pad



Turbo ring granite polishing pad is featured sharper and with better water distribution, it becomes more and more popular choice for customers since it gives good polishing glossy and stable performance.

Application	Grinding/Polishing
Available Diameter	8 inch/200mm 10 inch/250mm
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000# BUFF

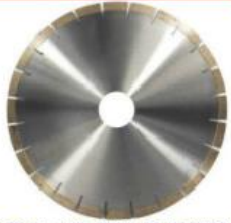
Hard Plastic Adaptor/Backer Pad



Bakelite Hard Plastic Backer Adapter pads is designed to attach big polishing pads to radial arm polishing machine or automatic polishing lines to make it easy and fast exchange of pads in different grit size sequences.

Application	Adapter/Backer Pad
Available Diameter	8 inch/200mm 10 inch/250mm
Materials and Connection	Bakelite Hard Plastic 4-Thread Connection

Granite Edge Cutting Blade - WR



Diamond Blade with Wide Radial(WR) segment helps water and stone debris discharge, it gives sharp cut and minimize edge chipping, a good choice for granite edge cutting.

Diameter	Segment	Inner Hole	Stone
12"/300mm	15/20mm	60/50mm	Granite
14"/350mm	15/20mm	60/50mm	Granite
16"/400mm	15/20mm	60/50mm	Granite
18"/450mm	15/20mm	60/50mm	Granite

Available in Silent Steel Core and Non-Silent Core

Granite Edge Cutting Blade - SR



Split Wide Radial(SR) segment is designed based on wide radial(SR) segment, with a split-cut in the middle, that helps increase segment cutting sharpness and better welding strength compared to blade with 2 segment welded onto one teeth.

Diameter	Segment	Inner Hole	Stone
12"/300mm	15/20mm	60/50mm	Granite
14"/350mm	15/20mm	60/50mm	Granite
16"/400mm	15/20mm	60/50mm	Granite
18"/450mm	15/20mm	60/50mm	Granite

Available in Silent Steel Core and Non-Silent Core

Quartz Edge Cutting Blade - J Slot



This Quartz Blade comes with J slot steel core and a wide radial segment to make good edge cutting. It is with market approved segment and also available with reinforced steel blank of double thickness, which is thicker in the center of saw blank.

Diameter	Segment	Inner Hole	Stone
12"/300mm	10/12mm	60/50mm	Quartz
14"/350mm	10/12mm	60/50mm	Quartz
16"/400mm	10/12mm	60/50mm	Quartz
18"/450mm	10/12mm	60/50mm	Quartz

Available in Silent Steel Core and Non-Silent Core

Dekton Edge Cutting Blade - J Slot



Porcelain Dekton tile is hard and fragile in cutting, this blade is widely in use in our domestic market and exporting to different markets, featured fast cutting and minimized edge cutting. Available in J slot and U Slot saw blank.

Diameter	Segment	Inner Hole	Stone
12"/300mm	10/12mm	60/50mm	Dekton
14"/350mm	10/12mm	60/50mm	Dekton
16"/400mm	10/12mm	60/50mm	Dekton
18"/450mm	10/12mm	60/50mm	Dekton

Available in Silent Steel Core and Non-Silent Core

Granite Splitting Blade - NR

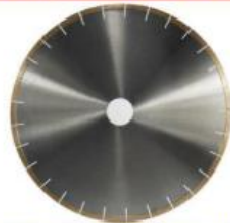


Granite splitting blade is used for smaller thickness block cutting or thick stone cutting, such as 10 to 20cm thickness tombstone or paver stone cutting. It comes with Narrow Radial (NR) segments, a traditional design and also available in WR segment.

Diameter	Segment	Inner Hole	Stone
18"/450mm	15/20mm	60/50mm	Granite
20"/500mm	15/20mm	60/50mm	Granite
24"/600mm	15/20mm	60/50mm	Granite
32"/800mm	15/20mm	60/50mm	Granite

Available in Silent Steel Core and Non-Silent Core

Marble Edge Cutting Blade - WR



Marble blade with segment in selected metal bond and mixture of small grit diamond to help make fast speed cutting and good edge cutting quality for soft to hard marble, limestone, travertine or other softer stones.

Diameter	Segment	Inner Hole	Stone
12"/300mm	8/10mm	60/50mm	Marble
14"/350mm	8/10mm	60/50mm	Marble
16"/400mm	8/10mm	60/50mm	Marble
18"/450mm	8/10mm	60/50mm	Marble

Available in Silent Steel Core and Non-Silent Core

Ceramic Saw Blade - J Slot



J Slot diamond blade is popular design for ceramic or porcelain tiles cutting. It works for single blade or multi blade machines for edge cutting, available in non-silent steel core and silent steel core with J slot.

Diameter	Segment	Inner Hole	Stone
10"/250mm	10mm	60/50mm	Ceramic
12"/300mm	10mm	60/50mm	Ceramic
14"/350mm	10mm	60/50mm	Ceramic
16"/400mm	10mm	60/50mm	Ceramic

Available in Silent Steel Core and Non-Silent Core

Diamond Milling Wheel



This milling wheel is designed to remove wide amount of stone material from granite, marble, or other hard material. Designed to be used for wet application only. Has a metal core or teflon core and can be used with bridge saw or milling machine.

Diameter	Segment	Inner Hole	Stone
12"/300mm	15/20mm	60/50mm	Granite
14"/350mm	15/20mm	60/50mm	Granite
16"/400mm	15/20mm	60/50mm	Granite
18"/450mm	15/20mm	60/50mm	Granite

Available in Silent Steel Core and Non-Silent Core

Segmented Saw Blade



This is a hot-press saw blade with segmented saw teeth design, suitable for dry or wet cutting, it is more suitable for granite and other hard stones.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	11000
4.3"/110mm	8/10mm	16/20/22.23	10800
4.5"/115mm	8/10mm	16/20/22.23	10800
5"/125mm	8/10mm	16/20/22.23	9900
6"/150mm	8/10mm	16/20/22.23	8250
7"/180mm	10/12mm	16/20/22.23	6900
9"/230mm	10/12mm	16/20/22.23	5400

Customized sizes available upon request

Continuous Rim Saw Blade



Continuous rim saw blade is ideal for marble, ceramic or porcelain tiles cutting, it gives sharp cutting and minimized edge chipping.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Protective Teeth Turbo Saw Blade



This blade with side protective segments that helps protect saw blanks from overheat, it is suitable for dry or wet cutting for natural stone and engineered stones.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Engineered Stone Turbo Saw Blade



This turbo blade specially designed for quartz stone, dekton porcelain, crystallized tiles and other engineered stones. Fast cutting and good edge cutting quality.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Narrow Teeth Turbo Saw Blade



Turbo blade combines advantage of segmented saw blade and continuous rim saw blade, it has good continuousness and with segmented design to increase sharpness, suitable for all kind of stones.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

X-Mesh Ultra Thin Turbo Saw Blade



This X-mesh turbo blade is ideal for ceramic porcelain tile cutting and also good for granite, marble and engineered stone cutting. It is a hot seller item in different markets.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Protective Teeth T-Segment Blade



This is a segmented saw blade with a T shape protective teeth, good protection of steel blank and offer good heat distribution during cutting. This blade is sharp and durable.

Diameter	Segment	Inner Hole	Max.RPM
4.5"/115mm	8/10mm	16/20/22.23	10800
5"/125mm	8/10mm	16/20/22.23	9900
6"/150mm	8/10mm	16/20/22.23	8250
7"/180mm	10/12mm	16/20/22.23	6900
9"/230mm	10/12mm	16/20/22.23	5400

Customized sizes available upon request

Vaccum Brazed Diamond Saw Blade



Vacuum brazed saw blade has diamond grit brazed onto steel blank and exposed for sharp cutting, it cuts most materials, enjoy a fast cutting speed and longer life than electroplated saw blades.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.5"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	8/10mm	16/20/22.23	8500
9"/230mm	8/10mm	16/20/22.23	6500

Customized sizes available upon request

Hand-held Saw Diamond Blade

Single-Side Electroplated Saw Blade



Electroplated blade with diamond exposed and ready to cut, fine grit diamond in use and suitable for marble and porcelain tiles. This blade with single side electroplated.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Double-Side Electroplated Saw Blade

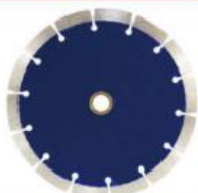


Double side electroplated blade with more diamond on both side of saw blank for longer life and it can cut or grind at any side of blade with flexible choice for operators.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	8/10mm	16/20/22.23	15000
4.3"/110mm	8/10mm	16/20/22.23	14000
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/15mm	16/20/22.23	6500

Customized sizes available upon request

Laser Welded Segmented Saw Blade



Laser welded blade is with laser welding technology and give higher welding strength than hot-press sintered blade or high frequency welding blade, more cutting safety and with good sharpness and tool life.

Diameter	Segment	Inner Hole	Max.RPM
4"/105mm	10/12mm	16/20/22.23	15000
4.5"/115mm	10/12mm	16/20/22.23	13000
5"/125mm	10/12mm	16/20/22.23	12000
6"/150mm	10/12mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/12mm	16/20/22.23	6500

Customized sizes available upon request

Laser Welded V-Cut Turbo Saw Blade



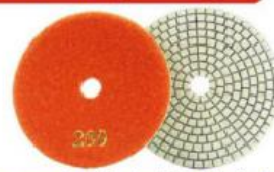
This blade also with laser welding with segment a V shape split cut, this helps increase segment sharpness and turbo segment design also help increase cutting speed, better heat distribution and cutting debris escape.

Diameter	Segment	Inner Hole	Max.RPM
4.5"/115mm	8/10mm	16/20/22.23	13000
5"/125mm	8/10mm	16/20/22.23	12000
6"/150mm	8/10mm	16/20/22.23	10000
7"/180mm	10/12mm	16/20/22.23	8500
9"/230mm	10/15mm	16/20/22.23	6500

Customized sizes available upon request

Dry Polishing Pad

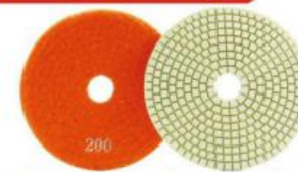
Square White Dry Polishing Pad



Square segment pad is a traditional design but still one of the best pads for dry or wet polishing. This white pad is with high quality diamond powder and selected bond, suitable for granite, marble and other natural stone and engineered stones.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	White
4"/100mm	2.5mm	Velcro Cloth	White
5"/125mm	2.5mm	Velcro Cloth	White
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000# Black/White BUFF		

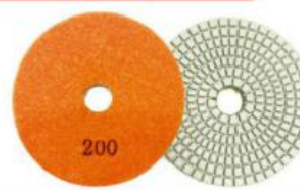
Square Beige Dry Polishing Pad



Beige pad is designed based on square white pad for a more affordable choice. It also gives good polishing quality and low polishing cost. It is proved to be a high quality/price ratio pad for different stones. And it is available from 3"/80mm to 7"/180mm.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Beige
4"/100mm	2.5mm	Velcro Cloth	Beige
5"/125mm	2.5mm	Velcro Cloth	Beige
6"/150mm	2.5mm	Velcro Cloth	Beige
7"/180mm	2.5mm	Velcro Cloth	Beige
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000# Black/White BUFF		

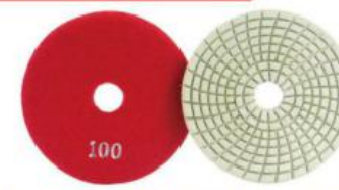
Radial Beige Dry Polishing Pad



This beige pad with a smaller square segment in radial layout, could be used for dry or wet polishing for natural stones and it is available in 3 step to 7 step polishing.

Diameter	Thickness	Backing	Color
4"/100mm	3.0mm	Velcro Cloth	Beige
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

Turbo Gray Dry Polishing Pad



This dry pad also with turbo segment but smaller segment sizes and give sharp polishing and good polishing glossy. Could be used dry or wet polishing for granite and marble.

Diameter	Thickness	Backing	Color
4"/100mm	3.0mm	Velcro Cloth	Gray
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

Dry/Wet Polishing Pads

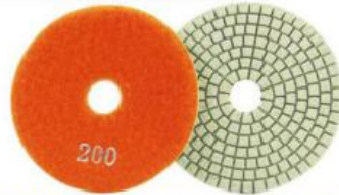
Honeycomb Dry Polishing Pad



Honeycomb white/beige pad is one of the first dry pad we have for granite and marble polishing, very good shining and still one of the best pad we have so far. It is available in premium quality in white and standard quality in beige.

Diameter	Thickness	Backing	Color
3"/80mm	2.0mm	Velcro Cloth	Beige
4"/100mm	2.0mm	Velcro Cloth	White/Beige
5"/125mm	2.0mm	Velcro Cloth	White/Beige
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000# Black/White BUFF		

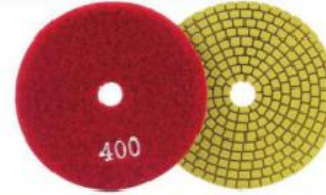
Square Gray Dry Polishing Pad



Gray pad is a lower grade quality choice with bigger square segment. It is also could be used for dry or wet polishing and get good polishing results on granite, marble and other natural stones.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Gray
4"/100mm	2.5mm	Velcro Cloth	Gray
5"/125mm	2.5mm	Velcro Cloth	Gray
6"/150mm	2.5mm	Velcro Cloth	Gray
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

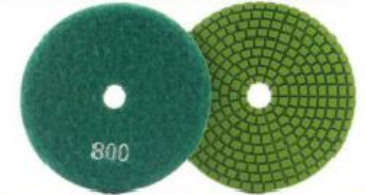
Square Green Wet Polishing Pad



This square green pad is universal use for granite, marble, ceramic/porcelain tiles polishing with water. A high quality/price ratio pad that give good polishing at low polishing cost.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Green
4"/100mm	2.5mm	Velcro Cloth	Green
5"/125mm	2.5mm	Velcro Cloth	Green
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

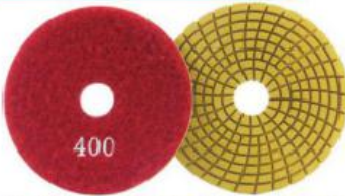
9-Row Multi-Color Wet Polishing Pad



This multi color pad with 9-row square segments, that suitable for granite and engineered stone. smaller segment for pads gives better sharpness. It is for wet polishing and pads in multi colors.

Diameter	Thickness	Backing	Color
4"/100mm	2.5mm	Velcro Cloth	Multi
5"/125mm	2.5mm	Velcro Cloth	Multi
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

Turbo Yellow Wet Polishing Pad



This turbo pad with smaller segment and in color yellow, with aggressive polishing for granite and marbles, it is designed for wet polishing only, ideal pad for granite and marble polishing.

Diameter	Thickness	Backing	Color
3"/80mm	2.7mm	Velcro Cloth	Yellow
4"/100mm	2.7mm	Velcro Cloth	Yellow
5"/125mm	2.7mm	Velcro Cloth	Yellow
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

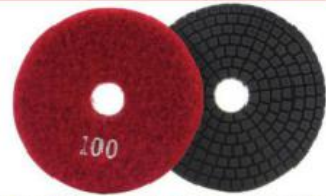
Turbo Multi-Color Wet Polishing Pad



This radial turbo pad with color black and green, with first 3 step durable pad in color black and rest steps sharp pad in color green. It is working for granite and engineered stones wet polishing.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Multi
4"/100mm	2.5mm	Velcro Cloth	Multi
5"/125mm	2.5mm	Velcro Cloth	Multi
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

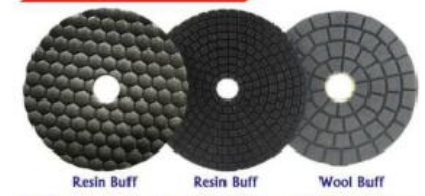
7-Row Multi-Color Wet Polishing Pad



This is a 7-Row square segment pad, which segments are bigger than 9-Row pad that helps in pad life but little bit less sharpness. It is suitable for granite and marble with water and also offer in multi color pads.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Multi
4"/100mm	2.5mm	Velcro Cloth	Multi
Available Grit Sizes	50# 100# 200# 400# 800# 1500# 3000#		

BUFF Wet Polishing Pad



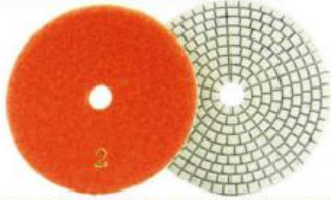
Buff pads used after 3000# is available in 2 bonds, wool pressed and resin bond pad. It is available in Big/Small Square segment and Honeycomb segment for Buff pads.

Diameter	Thickness	Backing	Material
3"/80mm	2.5mm	Velcro Cloth	Wool
4"/100mm	2.5mm	Velcro Cloth	Wool
5"/125mm	2.5mm	Velcro Cloth	Wool
4"/100mm	2.5mm	Velcro Cloth	Resin
Available Grit Sizes	Black Buff/White BUFF -Wool Black Buff/White BUFF -Resin		

Resin Bond Buff available in Square segment or Honeycomb shape

3 Step/5 Step Polishing Pads

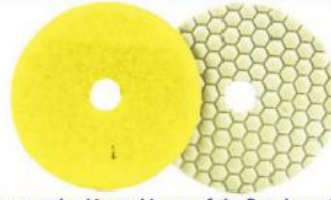
Square White Dry Polishing Pad



Square segment pad is a traditional design but still one of the best pads for dry or wet polishing. This white pad is with high quality diamond powder and selected bond, suitable for granite, marble and other natural stone and engineered stones.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	White
4"/100mm	2.5mm	Velcro Cloth	White
5"/125mm	2.5mm	Velcro Cloth	White
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

Honeycomb White Dry Polishing Pad



Honeycomb white pad is one of the first dry pad we have for granite and marble polishing, very good shining and still one of the best pad we have so far. 3 step or 5 step pads only available in premium quality in color white.

Diameter	Thickness	Backing	Color
4"/100mm	2.0mm	Velcro Cloth	White
5"/125mm	2.0mm	Velcro Cloth	White
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

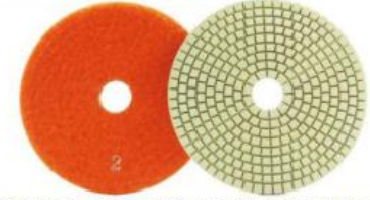
Hexagon Gray Wet Polishing Pad



This gray pad with hexagon segment is with excellent water discharge and heat distribution, better use with water for best performance and high polishing glossy finish.

Diameter	Thickness	Backing	Color
4"/100mm	3.0mm	Velcro Cloth	Gray
5"/125mm	3.0mm	Velcro Cloth	Gray
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

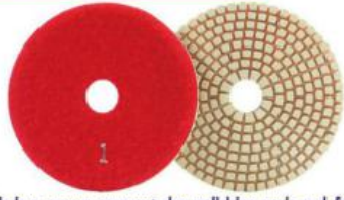
Square Beige Wet Polishing Pad



This beige square wet pad is a second choice pad based on white square dry pad and it is made with wet polishing formula for long life and good polishing sharpness purpose.

Diameter	Thickness	Backing	Color
3"/80mm	2.5mm	Velcro Cloth	Beige
4"/100mm	2.5mm	Velcro Cloth	Beige
5"/125mm	2.05mm	Velcro Cloth	Beige
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

Straight-Line Dry Polishing Pad



This is a square segment dry polishing pads and for each segment has a straight lines for better water distribution, this pad is ideal for granite and engineered stone polishing.

Diameter	Thickness	Backing	Color
4"/100mm	3.0mm	Velcro Cloth	White
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

Turbo Gray Wet Polishing Pad



This turbo pad with a 3mm thickness diamond resin layer and with bigger turbo segment, could be use as 3 step or 5 step wet polishing pads. It is suitable for granite, marble and engineered stones.

Diameter	Thickness	Backing	Color
3"/80mm	3.0mm	Velcro Cloth	Gray
4"/100mm	3.0mm	Velcro Cloth	Gray
5"/125mm	3.0mm	Velcro Cloth	Gray
Available Grit Sizes	#1 #2 #3 (3 Step) #1 #2 #3 #4 #5 (5 Step)		

Hard Rigid Bakelite Plastic Backer Pad



This is a bakelite plastic based backer pad with a bronze thread, it is a solid pad which is hard rigid. Bakelite used for durable life and stable performance and bronze thread in good quality for long term use.

Diameter	Base	Backing	Thread
3"/80mm	Bakelite	Velcro Cloth	Bronze
4"/100mm	Bakelite	Velcro Cloth	Bronze
5"/125mm	Bakelite	Velcro Cloth	Bronze
6"/150mm	Bakelite	Velcro Cloth	Bronze
Connection	M14, 5/8"-11 or others		

Soft Rubber Backer Pad



This backer pad with soft rubber suitable for straight edges and round edges polishing. It is also with good quality bronze thread for durable use.

Diameter	Base	Backing	Thread
3"/80mm	Rubber	Velcro Cloth	Bronze
4"/100mm	Rubber	Velcro Cloth	Bronze
5"/125mm	Rubber	Velcro Cloth	Bronze
6"/150mm	Rubber	Velcro Cloth	Bronze
Connection	M14, 5/8"-11 or others		

Backer Pad/Adaptor

Extra Soft Rubber Backer Pad



This extra soft backer with thinner layer of rubber and soft flexible, ideal for round edges or other flexible polishing jobs.

Diameter	Base	Backing	Thread
3"/80mm	Rubber	Velcro Cloth	Bronze
4"/100mm	Rubber	Velcro Cloth	Bronze
5"/125mm	Rubber	Velcro Cloth	Bronze
6"/150mm	Rubber	Velcro Cloth	Bronze
Connection	M14, 5/8"-11 or others		

Snail Lock Plastic Backer Pad



This plastic backer pad with snail lock is used together with edge polishing pads. It makes edge polishing pads recycle use and simply buy polishing pads after consumption to save cost.

Diameter	Base	Backing	Thread
4"/100mm	Plastic	Velcro Cloth	None
5"/125mm	Plastic	Velcro Cloth	None
Connection	Snail Lock (Right/Left Direction)		

Aluminum Base Backer Pad



Aluminum backer pad is hard and light weight supporting pad that more durable than other pads for long term use. It is available in different threads.

Diameter	Base	Backing	Thread
3"/80mm	Aluminum	Velcro Cloth	Aluminum
4"/100mm	Aluminum	Velcro Cloth	Aluminum
5"/125mm	Aluminum	Velcro Cloth	Aluminum
6"/150mm	Aluminum	Velcro Cloth	Aluminum
Connection	M14, 5/8"-11 or others		

Snail Lock Aluminum Backer Pad



Snail lock aluminum backer pads with thread that could be used for hand held grinder or automatic edge polishing lines. It can take snail lock edge polishing pads or edge polishing wheels with snail lock.

Diameter	Base	Backing	Thread
4"/100mm	Aluminum	Velcro Cloth	Bronze
5"/125mm	Aluminum	Velcro Cloth	Bronze
Connection	Snail lock with M14, 5/8"-11 Thread		

Diamond Drill Bit

Diamond Non-Coring Drill Bit



Non-coring drill bit is mostly smaller diameter drill bits, it is with V shape segment for hole drilling, suitable for natural stone and engineered stone. Suggested with wet drilling for better life and hole drilling quality.

Diameter	Segment	Usable Length	Teeth
1/4"(6mm)	10mm	45mm	1
5/16"(8mm)	10mm	45mm	1
3/8"(10mm)	10mm	45mm	1
1/2"(12mm)	10mm	45mm	1
9/16"(14mm)	10mm	45mm	1
5/8"(16mm)	10mm	45mm	1
Available Connection	Shank Dia. 10/12mm M14, 5/8"-11, 1/2" Gas		

Turbo Core Drill Bit with Protective Sides



This core drill bit is with turbo segment and a side protection of vacuum brazed stripes that helps protect steel tube from over heating and make it possible to make dry or wet core drilling for natural stones.

Diameter	Segment	Usable Length	Teeth
1-1/4"(32mm)	10mm	65mm	4
1-3/8"(35mm)	10mm	65mm	4
1-1/2"(38mm)	10mm	65mm	4
1-5/8"(41mm)	10mm	65mm	5
1-3/4"(45mm)	10mm	65mm	5
2" (51mm)	10mm	65mm	6
Available Connection	M14, 5/8"-11, 1/2" Gas other thread also available		

Diamond Core Drill Bit



Core drill bit is designed with a steel tube and with segment silver brazed onto steel wall. A 45 degree tilting to start hole drilling is suggested. Use with water is required for better performance.

Diameter	Segment	Usable Length	Teeth
3/4"(19mm)	10mm	45mm	3
7/8"(22mm)	10mm	45mm	3
1"(25mm)	10mm	45mm	3
1-1/8"(28mm)	10mm	45mm	4
1-1/4"(32mm)	10mm	45mm	4
1-3/8"(35mm)	10mm	45mm	4
1-1/2"(38mm)	10mm	45mm	4
1-5/8"(41mm)	10mm	45mm	5
1-3/4"(45mm)	10mm	45mm	5
2" (51mm)	10mm	45mm	6
2-1/4"(60mm)	10mm	45mm	6
2-3/8"(63mm)	10mm	45mm	6
2-1/2"(70mm)	10mm	45mm	6
2-3/4"(76mm)	10mm	45mm	7
3"(76mm)	10mm	45mm	7
4"(102mm)	10mm	45mm	8
Available Connection	Shank Dia. 10/12mm M14, 5/8"-11, 1/2" Gas		



Diamond Drill Bit

Crown Core Drill Bit



This Core Drill Bit with special crown shape segment with segment bottom as a ring, this helps do better welding strength. It is also with selected bond for faster drilling speed purpose. Suggested use with water for hole drilling.

Diameter	Segment	Usable Length	Teeth
3/4" (19mm)	10mm	45mm	1
7/8" (22mm)	10mm	45mm	1
1" (25mm)	10mm	65mm	1
1-1/8" (28mm)	10mm	65mm	1
1-1/4" (32mm)	10mm	65mm	1
1-3/8" (35mm)	10mm	65mm	1
1-1/2" (38mm)	10mm	65mm	1
1-5/8" (41mm)	10mm	65mm	1
1 3/4" (45mm)	10mm	65mm	1
2" (51mm)	10mm	65mm	1
Available Connection	M14, 5/8"-11, 1/2" Gas other thread also available		



Vacuum Brazed Drill Bit



This vacuum brazed drill bit is suitable for granite, marble and engineer stone hole drilling, it is with diamond vacuum brazed onto steel shank and diamond are exposed and ready to work. Available in 35/40 and 40/50 diamond.

Diameter	Segment	Usable Length	Grit
1/4" - 5/8"	10mm	35mm	35/40
3/4" - 4"	10mm	50mm	35/40
6mm - 14mm	10mm	35mm	35/40
19mm - 102mm	10mm	40mm	35/40
1/4" - 5/8"	10mm	35mm	40/50
3/4" - 4"	10mm	50mm	40/50
6mm - 14mm	10mm	35mm	40/50
19mm - 102mm	10mm	40mm	40/50
Available Connection	Shank Dia. 10/12mm M14, 5/8"-11, 1/2" Gas		

Diamond Cup Grinding Wheel

Double Row Cup Wheel



This cup grinding wheel with 2 row diamond segments silver brazed onto steel base, featured good sharpness for stock removal and grinding.

Diameter	Grit Size	Base
4"/100mm	30# 50# 100# 200#	Steel
5"/125mm	30# 50# 100# 200#	Steel
Connection	22.23 / M14 / 5/8"-11	

Turbo Cup Wheel



This turbo cup wheel is most popular grinding wheels that gives sharp grinding and chamfering. It is with high sharpness, good tool life and gives good surface finish.

Diameter	Grit Size	Base
4"/100mm	30# 50# 100# 200#	Steel
5"/125mm	30# 50# 100# 200#	Steel
6"/150mm	30# 50# 100# 200#	Steel
7"/180mm	30# 50# 100# 200#	Steel
Connection	22.23 / M14 / 5/8"-11	

Aluminum base available for 4"/100mm and 5"/125mm

Continuous Rim Cup Wheel



Continuous rim cup wheel is more used for soft or fragile stone materials, it is softer and smoother to avoid edge broken and to make good quality surface finish.

Diameter	Grit Size	Base
4"/100mm	30# 50# 100# 200#	Steel
Connection	22.23 / M14 / 5/8"-11	

Resin Filled Cup Wheel



This cup wheel with a radial segment and bonded with resin, it is with sharpness from metal bond segment and also smoothness and softness from resin bond layer, ideal choice for granite and marble.

Diameter	Grit Size	Base
4"/100mm	30# 50# 100# 200#	Steel
5"/125mm	30# 50# 100# 200#	Steel
Connection	22.23 / M14 / 5/8"-11	

Diamond Cup Grinding Wheel

Vacuum Brazed Cup Wheel



This cup wheel with vacuum brazed diamond onto steel base, both on the rim and also on the flat surface, it could be used as cutter and grinder. And it could be used for general purpose on natural stone, engineered stone, concrete and others.

Diameter	Grit Size	Application	Base
4"/100mm	30# 50#	Cut/Grind	Steel
5"/125mm	30# 50#	Cut/Grind	Steel
Connection	22.23 / M14 / 5/8"-11		

Snail Lock Continuous Rim Cup Wheel



Cup wheel with snail lock is with a continuous rim segment and 3 water groove design, widely use for edge polishing machines for calibration and stock removal.

Diameter	Grit Size	Base
4"/100mm	30# 50# 100# 200#	Aluminum
5"/125mm	30# 50# 100# 200#	Aluminum
Connection	Snail Lock (Right/Left Direction)	

Turbo Edge Polishing Pad



This edge polishing pad with turbo segment and snail lock for automatic edge polishing machines. With turbo segment, it has better water discharge and material debris escape.

Diameter	Thickness	Segment	Base
4"/100mm	8mm	Turbo	Plastic
5"/125mm	8mm	Turbo	Plastic
6"/150mm	8mm	Turbo	Plastic
Connection	Snail Lock (Right/Left Direction)		
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000#		

Continuous Edge Polishing Pad



Continuous rim edge polishing pads are smooth and softer for edge polishing, suitable for granite, marble and other soft stones.

Diameter	Thickness	Segment	Base
4"/100mm	8mm	Continuous	Plastic
5"/125mm	8mm	Continuous	Plastic
6"/150mm	8mm	Continuous	Plastic
Connection	Snail Lock (Right/Left Direction)		
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000#		

Edge Polishing Pad/Wheel

Diaflower Edge Polishing Pad



This edge polishing pad is with a 12mm diamond resin layer thickness and with segment shape like a diamond and flower. It is with high polishing sharpness and long life.

Diameter	Thickness	Segment	Base
4"/100mm	12mm	Diamond	Plastic
5"/125mm	12mm	Diamond	Plastic
6"/150mm	12mm	Diamond	Plastic
Connection	Snail Lock (Right/Left Direction)		
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000#		

Honeycomb Green Edge Polishing Pad



This edge polishing pad with honeycomb segment in green color segment, with a 4mm thickness diamond resin layer for straight and round edge polishing.

Diameter	Thickness	Segment	Base
4"/100mm	4mm	Honeycomb	Plastic
5"/125mm	4mm	Honeycomb	Plastic
6"/150mm	4mm	Honeycomb	Plastic
Connection	Snail Lock (Right/Left Direction)		
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000#		

Honeycomb White Polishing Pad



This honeycomb pad available in color white, used for wet grinding and polishing for stone edges, it is with velcro backing, used together with snail lock backer pad for recycle use.

Diameter	Thickness	Segment	Base
4"/100mm	4mm	Honeycomb	Plastic
5"/125mm	4mm	Honeycomb	Plastic
6"/150mm	4mm	Honeycomb	Plastic
Connection	Snail Lock (Right/Left Direction)		
Available Grit Size	50# 100# 200# 400# 800# 1500# 3000#		

5"/125mm Edge Polishing Wheel



Edge polishing wheels in magnesite bond, resin bond and oxalic acid bond for edge chamfering and polishing. It works for granite, marble and ceramic edge polishing.

Diameter	Grit Size	Bond
5"/125mm	60# - 1200# (#1-#8)	Magnesite
5"/125mm	60# - 1200# (#1-#8)	Resin
5"/125mm	5 EXTRA	Oxalic Acid
Connection	Snail Lock (Right/Left Direction)	

CNC Core Drill Bit



Diamond drill bit designed with 1/2" Gas male thread for CNC center for hole drilling, first step in CNC processing to get ready for other tools to make cutting, profiling or polishing. It is available with segmented drill bit and crown core drill bit.

Diameter	Segment	Usable Length	Teeth
1/4" (6mm)	10mm	45mm	1
5/16" (8mm)	10mm	45mm	1
1-1/4" (32mm)	10mm	45mm	5
1-3/8" (35mm)	10mm	45mm	5
1-1/2" (38mm)	10mm	45mm	5

Drum Wheel



Drum wheel available in metal bond or resin bond for stock removal, edge milling and polishing as well. It is also available in 35mm bore hole for CNC zero stock removal purpose.

Diameter	Segment	Grit	Bond
2"/50mm	45mm	30#-50#	Metal
3"/75mm	45mm	30#-50#	Metal
4"/100mm	45mm	30#-50#	Metal
2"/50mm	45mm	50#-3000#	Resin
Connection	M14, 5/8"-11, 35mm Bore or others		

CNC Finger Bit



Finger bit and button bit for use on sink cut-out machines. Finger bits available with 4-6 segments on sides and also available with a bottom segment for drilling and milling purpose. Button bit in M12 thread with standard 20mm segment and available in different segment height.

Diameter	Segment	Connection	Grit
20mm	40mm	1/2" Gas	30#-50#
24mm	50mm	1/2" Gas	30#-50#
24mm	40mm	1/2" Gas	30#-50#
24mm	50mm	1/2" Gas	30#-50#
20mm	20mm	M12	30#-50#

Stubbing Wheel



Stubbing wheel with sharp segments for calibrating stones to removal extra stock to target thickness. It is featured sharp and aggressive.

Diameter	Segment	Bore Hole	Grit
50mm	20mm	10mm	30#-50#
86mm	20mm	50mm	30#-50#
86mm	30mm	50mm	30#-50#
100mm	20mm	50mm	30#-50#
100mm	30mm	50mm	30#-50#

CNC Profile Wheels



CNC profile wheel for stone tops, sink cut-out edges and other stone edge profile shaping and polishing at CNC center. High precision and well balance wheels available in metal bond and resin bond.

Step	Grit	Type/Bond	Application
Pos. 0	30#	Segmented/Metal	Calibration
Pos. 1	50#	Continuous/Metal	Grinding
Pos. 2	150#	Continuous/Metal	Grinding
Pos. 3	300#	Continuous/Metal	Grinding
Pos. 4	400#	Continuous/Resin	Grinding
Pos. 5	800#	Continuous/Resin	Polishing
Pos. 6	1500#	Continuous/Resin	Polishing
Pos. 7	3000#	Continuous/Resin	Polishing

Standard offer for 2cm, 3cm and 4cm wheels, customized thickness available upon request.

Router Bits



Router bit works at portable stone router for stone edge profiling and polishing, popular for stone tops and sink cut-out. Available in segmented, continuous metal bond, electroplated and resin bond from calibration to polishing.

Step	Grit	Type/Bond	Application
Pos. 0	30#	Segmented/Metal	Calibration
Pos. 1	50#	Continuous/Metal	Grinding
Pos. 2	150#	Continuous/Metal	Grinding
Pos. 3	300#	Continuous/Metal	Grinding
Pos. 4	400#	Continuous/Resin	Grinding
Pos. 5	800#	Continuous/Resin	Polishing
Pos. 6	1500#	Continuous/Resin	Polishing
Pos. 7	3000#	Continuous/Resin	Polishing

Standard offer for 2cm, 3cm and 4cm router bit, customized thickness available upon request.

Stone Edge Profiles in standard supply, customized edge profile also available.



CNC Core Drill Bit



Diamond drill bit designed with 1/2" Gas male thread for CNC center for hole drilling, first step in CNC processing to get ready for other tools to make cutting, profiling or polishing. It is available with segmented drill bit and crown core drill bit.

Diameter	Segment	Usable Length	Teeth
1/4" (6mm)	10mm	45mm	1
5/16" (8mm)	10mm	45mm	1
1-1/4" (32mm)	10mm	45mm	5
1-3/8" (35mm)	10mm	45mm	5
1-1/2" (38mm)	10mm	45mm	5

Drum Wheel



Drum wheel available in metal bond or resin bond for stock removal, edge milling and polishing as well. It is also available in 35mm bore hole for CNC zero stock removal purpose.

Diameter	Segment	Grit	Bond
2"/50mm	45mm	30#-50#	Metal
3"/75mm	45mm	30#-50#	Metal
4"/100mm	45mm	30#-50#	Metal
2"/50mm	45mm	50#-3000#	Resin
Connection	M14, 5/8"-11, 35mm Bore or others		

CNC Finger Bit



Finger bit and button bit for use on sink cut-out machines. Finger bits available with 4-6 segments on sides and also available with a bottom segment for drilling and milling purpose. Button bit in M12 thread with standard 20mm segment and available in different segment height.

Diameter	Segment	Connection	Grit
20mm	40mm	1/2" Gas	30#-50#
24mm	50mm	1/2" Gas	30#-50#
24mm	40mm	1/2" Gas	30#-50#
24mm	50mm	1/2" Gas	30#-50#
20mm	20mm	M12	30#-50#

Stubbing Wheel



Stubbing wheel with sharp segments for calibrating stones to removal extra stock to target thickness. It is featured sharp and aggressive.

Diameter	Segment	Bore Hole	Grit
50mm	20mm	10mm	30#-50#
86mm	20mm	50mm	30#-50#
86mm	30mm	50mm	30#-50#
100mm	20mm	50mm	30#-50#
100mm	30mm	50mm	30#-50#

CNC Profile Wheels



CNC profile wheel for stone tops, sink cut-out edges and other stone edge profile shaping and polishing at CNC center. High precision and well balance wheels available in metal bond and resin bond.

Step	Grit	Type/Bond	Application
Pos. 0	30#	Segmented/Metal	Calibration
Pos. 1	50#	Continuous/Metal	Grinding
Pos. 2	150#	Continuous/Metal	Grinding
Pos. 3	300#	Continuous/Metal	Grinding
Pos. 4	400#	Continuous/Resin	Grinding
Pos. 5	800#	Continuous/Resin	Polishing
Pos. 6	1500#	Continuous/Resin	Polishing
Pos. 7	3000#	Continuous/Resin	Polishing

Standard offer for 2cm, 3cm and 4cm wheels, customized thickness available upon request.

Router Bits

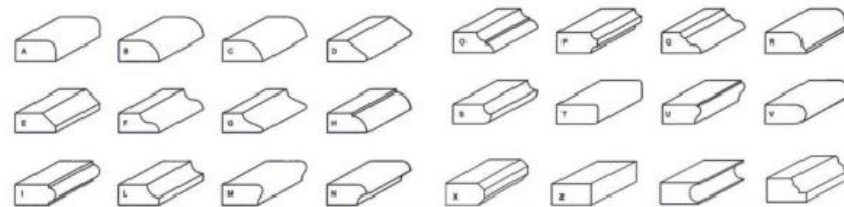


Router bit works at portable stone router for stone edge profiling and polishing, popular for stone tops and sink cut-out. Available in segmented, continuous metal bond, electroplated and resin bond from calibration to polishing.

Step	Grit	Type/Bond	Application
Pos. 0	30#	Segmented/Metal	Calibration
Pos. 1	50#	Continuous/Metal	Grinding
Pos. 2	150#	Continuous/Metal	Grinding
Pos. 3	300#	Continuous/Metal	Grinding
Pos. 4	400#	Continuous/Resin	Grinding
Pos. 5	800#	Continuous/Resin	Polishing
Pos. 6	1500#	Continuous/Resin	Polishing
Pos. 7	3000#	Continuous/Resin	Polishing

Standard offer for 2cm, 3cm and 4cm router bit, customized thickness available upon request.

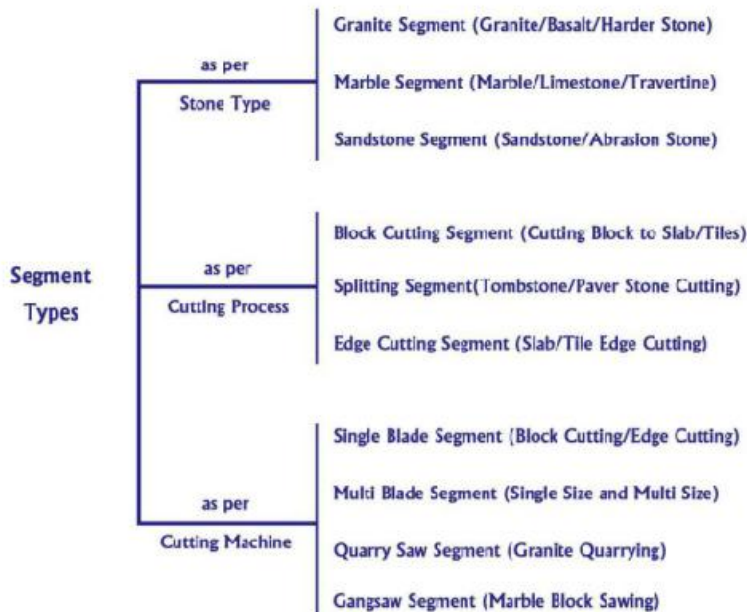
Stone Edge Profiles in standard supply, customized edge profile also available.



Diamond Segment for Stone Production

Diamond cutting segment is a sintered saw tip for diamond saw blade, widely used for stone and construction materials cutting. It is the working part of saw blade, made of metal powder and synthetic diamond powder with different ratio with sintering process at certain temperature and pressure.

As working part of saw blade, it is a consumable part and could be retipped after segment worn out. Segments for bigger diameter saw blades are retipped more than for smaller diameter blades.



Segment Shapes

> Granite Block Cutting Segment



Square Segment

M Shape Segment

> Marble/Sandstone Block Cutting Segment



Square Segment

M Shape Segment

> Edge Cutting/Splitting Segment



Narrow Radial (NR)



Wide Radial (WR)



Split Wide Radial (SR)



Granite Cutting Segment/Blade

Diamond segment and saw blade for granite is mostly used for sawing granite block to slabs or strips/tiles, or sawing thicker stones to make tombstone or paver stones, or edge cutting slabs or strips to cut-to-size tiles. Different metal bonds and diamond powders for segments are in use for cutting different colors and hardness of granites and it is adjustable as per stone cutting machines in various motor power and blade cutting depth.

Suggested Welding: High Frequency Inducing Welding with Silver Alloy;
Suitable for Working Machine: Block Saw, Bridge Saw or Edge Cutting Machines;
Suitable for Cutting: Granite, Basalt or other Hard Stones.



Diameter (inch/mm)	Steel (mm)	Teeth (pcs)	Segment Size (LxWxH) mm	Hole Size (mm)	Max. RPM	Stone Type	
10"	250	2.2	17	40x3.2x10(12/15)	50/60	3450	Granite
12"	300	2.2	21	40x3.2x12(15/20)	50/60	2850	Granite
14"	350	2.2	24	40x3.2x12(15/20)	50/60	2450	Granite
16"	400	2.6	28	40x3.6x12(15/20)	50/60	2150	Granite
18"	450	3.0	32	40x4.2x12(15/20)	50/60	1900	Granite
20"	500	3.0	36	40x4.2x12(15/20)	50/60	1750	Granite
24"	600	3.6	42	40x4.6x12(15/20)	50/60	1450	Granite
25"	625	3.6	44	40x4.6x12(15/20)	50/60	1375	Granite
28"	650	3.6	46	40x4.6x12(15/20)	50/60	1325	Granite
29"	725	4.0	52	40x5.0x12(15/20)	50/60	1185	Granite
30"	750	4.5	56	40x5.5x12(15/20)	50/60	1145	Granite
32"	800	4.5	58	40x5.5x12(15/20)	50/60	1075	Granite
36"	900	5.0	64	40x6.5x12(15/20)	60/80	950	Granite
36"	900	5.0	64	24x7.0/6.2x13(15/20)	60/80	950	Granite
40"	1000	5.0	70	24x7.0/6.2x13(15/20)	80/100	860	Granite
48"	1200	5.5	80	24x7.4/6.6x13(15/20)	80/100	715	Granite
56"	1400	6.5	92	24x8.4/7.6x13(15/20)	80/100	615	Granite
64"	1600	7.2	108	24x9.2/8.4x13(15/20)	80/100	540	Granite
72"	1800	8.0	120	24x10.0/9.2x15(20)	80/100	480	Granite
80"	2000	8.0	128	24x11.0/10.0x15(20)	100/120	430	Granite
86"	2200	8.0	132	24x11.0/10.0x15(20)	100/120	390	Granite
100"	2500	9.0	140	24x12.0/11.0x20(30)	120/150	345	Granite
120"	3000	9.3	160	24x12.5/11.5x20(30)	120/150	285	Granite
140"	3500	9.5	180	24x13.0/12.0x20(30)	120/150	245	Granite

Customized sizes available upon request

Marble Cutting Segment/Blade

Marble, Limestone, Travertine, Sandstone and other softer stones are featured soft in hardness compared to granites but more fragile naturally (easily get edge broken). Cutting speed and edge cutting quality are two major concern for marble cutting. More marble segments are designed with bronze or copper bond which proved to be good for marble sawing and cutting.

Suggested Welding: High Frequency Inducing Welding with Silver Alloy;
Suitable for Working Machine: Block Saw, Bridge Saw or Edge Cutting Machines;
Suitable for Cutting: Marble, Limestone, Travertine, Sandstone and other Softer Stones.



Diameter (inch/mm)	Steel (mm)	Teeth (pcs)	Segment Size (LxWxH) mm	Hole Size (mm)	Max. RPM	Stone Type	
10"	250	2.2	18	40x3.2x8(10)	50/60	3450	Marble
12"	300	2.2	22	40x3.2x10(12)	50/60	2850	Marble
14"	350	2.2	25	40x3.2x10(12)	50/60	2450	Marble
16"	400	2.6	29	40x3.6x10(12)	50/60	2150	Marble
18"	450	3.0	32	40x4.2x10(12)	50/60	1900	Marble
20"	500	3.0	36	40x4.2x10(12)	50/60	1750	Marble
24"	600	3.6	42	40x4.6x10(12)	50/60	1450	Marble
25"	625	3.6	44	40x4.6x10(12)	50/60	1375	Marble
28"	650	3.6	46	40x4.6x10(12)	50/60	1325	Marble
29"	725	4.0	52	40x5.0x10(12)	50/60	1185	Marble
30"	750	4.5	56	40x5.5x10(12)	50/60	1145	Marble
32"	800	4.5	58	40x5.5x10(12)	50/60	1075	Marble
36"	900	5.0	64	40x6.5x10(12)	60/80	950	Marble
36"	900	5.0	64	24x6.5x10(13)	60/80	950	Marble
40"	1000	5.0	70	24x6.5x10(13)	80/100	860	Marble
48"	1200	5.5	80	24x7.5x10(13)	80/100	715	Marble
56"	1400	6.5	92	24x8.0(8.5)x10(13)	80/100	615	Marble
64"	1600	7.2	108	24x9.2(9.5)x10(13)	80/100	540	Marble
72"	1800	8.0	120	24x10.2x10(13)	80/100	480	Marble
80"	2000	8.0	128	24x11.0x13(15)	100/120	430	Marble
86"	2200	8.0	132	24x11.0x13(15)	100/120	390	Marble
100"	2500	9.0	140	24x12.0x13(15)	120/150	345	Marble
120"	3000	9.3	160	24x12.5x13(15)	120/150	285	Marble
140"	3500	9.5	180	24x13.0x13(15)	120/150	245	Marble

Customized sizes available upon request

Multi Blade Segment/Blade for Granite/Marble

There are two types of Multi Blade Cutting Machines in application, one is single size multi blade, which all blades sizes in same thickness and same diameter while the other type is multi size multi blade system, two sizes or more different diameters of saw blade used together. Compared to single blade block cutter, multi blade cutter gives more production capacity and it requires higher quality steel blank and sharper segments.

Suggested Welding: High Frequency Inducing Welding with Silver Alloy;
Suitable for Working Machine: Single-size or Multi-size Multi Blade Block Cutter
Suitable for Cutting: Granite, Marble, Travertine and other natural stones



Blade Set (Single/Multi)	Diameters (mm)	Steel (mm)	Segment Size (LxWxH) mm	Hole Size (mm)	Stone Type
Multi Size	600-2200	4.5	24x6.4/5.6x13(15)	100/120	Granite
Multi Size	600-2200	5.0	24x7.0/6.2x13(15)	100/120	Granite
Multi Size	600-2200	5.5	24x7.4/6.6x13(15/20)	100/120	Granite
Multi Size	600-2200	6.5	24x8.4/7.6x13(15/20)	100/120	Granite
Multi Size	800-2500	5.5	24x7.4/6.6x13(15/20)	100/120	Granite
Multi Size	800-2500	6.5	24x8.4/7.6x13(15/20)	100/120	Granite
Multi Size	800-2500	7.2	24x9.2/8.4x13(15/20)	100/120	Granite
Multi Size	960-1650	6.5	24x8.4/7.6x13(15/20)	100/120	Granite
Multi Size	960-1650	7.2	24x9.2/8.4x13(15/20)	100/120	Granite
Single Size	40"/1000	5.0	24x7.0/6.2x13(15)	100/120	Granite
Single Size	48"/1200	5.5	24x7.5/6.5x13(15/20)	100/120	Granite
Single Size	64"/1600	7.2	24x9.2/8.4x13(15/20)	100/120	Granite
Blade Set (Single/Multi)	Diameters (mm)	Steel (mm)	Segment Size (LxWxH) mm	Hole Size (mm)	Stone Type
Single Size	48"/1200	4.0	24x5.0x8(10)	100/120	Marble
Single Size	48"/1200	4.5	24x5.5x8(10)	100/120	Marble
Single Size	48"/1200	4.5	24x6.0x8(10)	100/120	Marble
Single Size	48"/1200	5.0	24x6.5x8(10)	100/120	Marble
Single Size	48"/1200	5.0	24x7.0x8(10)	100/120	Marble
Single Size	48"/1200	5.5	24x7.5x8(10)	100/120	Marble
Single Size	48"/1200	6.0	24x8.0x8(10)	100/120	Marble
Single Size	48"/1200	6.5	24x8.5x8(10)	100/120	Marble
Single Size	64"/1600	7.2	24x9.2x10	100/120	Marble
Single Size	64"/1600	7.2	24x9.5x13	100/120	Marble

Customized sizes available upon request

Gangsaw Segment/Blade for Marble

Gangsaw with multi blade are widely used for marble block sawing to make big slabs. It requires high quality steel blank for heavy resistance purpose and good sharpness diamond segments for stable cutting performance. Cobalt bond diamond segments are now mostly in use, and conical segment and square segments are both in supply.

Suggested Welding: High Frequency Inducing Welding with High % Silver Alloy;
Suitable for Working Machine: Single blade or Multi blade Gangsaw machine;
Suitable for Cutting: Marble, Limestone, Travertine and other Softer Stones.



Blade Length (mm)	Steel (mm)	Teeth (pcs)	Segment Size (LxWxH) mm	Segment Shape	Stone Type
2200-4600	2.5	28-32	20x4.6/4.0x8(10)	Conical / Square	Marble
2200-4600	3.0	28-32	20x5.0/4.4x8(10)	Conical / Square	Marble
2200-4600	3.5	28-32	20x5.4/4.8x8(10)	Conical / Square	Marble

Customized sizes available upon request

Quarry Saw Segment/Blade for Granite

There is more and more granite quarry block sawing with single blade or double blade quarry saw with diamond blade in diameter from 2000 to 5200mm. Popular blade set is 3300/2200, with 2200mm blade to saw granite block to max. cutting depth first and then continue sawing with 3300mm blade.

Suggested Welding: High Frequency Inducing Welding with High % Silver Alloy;
Suitable for Working Machine: Single blade or Double blade Quarry Saw;
Suitable for Cutting: Granite, Basalt and other Hard Stones.



Blade Set (mm)	Diameters (mm)	Steel (mm)	Teeth (pcs)	Segment Size (LxWxH) mm	Stone Type
2200-3500	2200	9.0-11.0	132	23x14.0/13.0x15	Granite
2200-3500	2400	9.0-11.0	140	23x14.0/13.0x15	Granite
2200-3500	3300	9.0-11.0	160	23x12.5/11.5x15	Granite
2200-3500	3500	9.0-11.0	180	23x12.5/11.5x15	Granite

Customized sizes available upon request

Diamond Wire/Diamond Bead

Diamond wire is widely used in quarry sawing, stone profiling and slab cutting. There is single wire and multi wire in application. Quarry wire are mostly with rubber coating, profiling wire mostly with plastic coating while single wire and multi wire for slab cutting with plastic coating as well. Diamond wire has unique advantage over circular saw blade in term of stone sawing height, saw blade is limited by its diameter which cuts max. half of its blade diameter while diamond wire has the flexibility of cutting height.



Quarry Diamond Wire



Profiling Diamond Wire



Multi-wire Diamond Wire

Diameters (mm)	Beads (pcs)	Application #	Coating Type	Stone Type	Stone Hardness	Linear Speed (m/s)	Efficiency (m ² /hr)	Life Ref. (m ² /m)
11.5	40	Quarrying	Rubber	Granite	Class 1-2	28-33	20-30	25-45
11.5	40	Quarrying	Rubber	Granite	Class 3-4	28-33	15-25	15-30
11.5	40	Quarrying	Rubber	Granite	Class 4-5	28-30	10-15	10-18
11.0	40	Quarrying	Rubber	Marble	Soft	35-40	10-20	30-55
11.0	40	Quarrying	Rubber	Marble	Medium	35-40	8-16	15-35
11.0	40	Quarrying	Rubber	Marble	Hard	35-40	5-8	15-25
8.8	37	Profiling	Plastic	Granite	Class 1-2	26-30	12-20	12-20
8.8	37	Profiling	Plastic	Granite	Class 3-4	26-30	8-15	10-15
8.8	37	Profiling	Plastic	Granite	Class 4-5	26-30	7-10	7-10
8.8	37	Profiling	Plastic	Marble	Soft	30-40	20-35	30-50
8.8	37	Profiling	Plastic	Marble	Medium	30-40	15-25	25-40
8.8	37	Profiling	Plastic	Marble	Hard	30-40	10-20	20-30
Diameters (mm)	Beads (pcs)	Application #	Coating Type	Stone Type	Stone Hardness	Linear Speed (m/s)	Downfeed (cm/hr)	Life Ref. (m ² /m)
7.3	37	Slab Cutting	Plastic	Granite	Class 1-2	28-32	55-60	12-17
7.3	37	Slab Cutting	Plastic	Granite	Class 2-3	28-32	45-55	12-17
7.3	37	Slab Cutting	Plastic	Granite	Class 3-4	28-32	30-40	12-17
7.3	37	Slab Cutting	Plastic	Granite	Class 4-5	28-32	18-30	12-17
7.3	37	Slab Cutting	Plastic	Granite	Class 5-6	28-32	10-20	12-17
6.3	37	Slab Cutting	Plastic	Granite	Class 1-2	28-32	55-60	12-17
6.3	37	Slab Cutting	Plastic	Granite	Class 2-3	28-32	45-55	12-17
6.3	37	Slab Cutting	Plastic	Granite	Class 3-4	28-32	30-40	12-17
6.3	37	Slab Cutting	Plastic	Granite	Class 4-5	28-32	18-30	12-17
6.3	37	Slab Cutting	Plastic	Granite	Class 5-6	28-32	10-20	12-17

Customized sizes available upon request

