



Do Smart!

**Consumable
CNC / NC Diamond Tools
for Natural Stone,
Engineered stone, Quartzite,
Porcelains as Dekton, Neolith, etc.
Concrete, Terrazzo, etc.**

**Dongsin
DiAFLX**



DONGSINTM (DS) DiAFLX Korea

has been with customers all over the world
as one of the most reliable brands
in Diamond Tools Industry since 1988.

Bringing out new & unique products as well as offering
the various choices to customers is DS Spirit.

DS's accumulated technical experiences for the last two decades & flexibility
for customer satisfaction enable to meet whenever/whatever need.

Customer's unstinting advices & inquiries are always welcomed.
DS Sales & Customer Care Service are ready at anytime.



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T.A.B.L.E.o.f. C.O.N.T.E.N.T.S

NEW



Finger Bit-V



Profile X Z ZA ZS



DS-CNC Drum



KeramiCUT-RS



Resin-Darter



JH Pad

CNC Tooling
Profiling / Cutting / Milling
Finger Bit / Easy Bit
Core Drill / Cylinder
Kitchen Top Tools
:

page. 4-16



CNC TOOLS

Auto Edge Polishing Wheels
Nautilus(Edge Wheels / Combo)
Orion-PRO
DiAFLX-Edge
:

page. 17-18



Linear Edge Wheels

Grinding / Polishing
Turbo Cup / Graphiter
Flexible / Dry Pads
Dry Core Drill
:

page. 19-25



Handheld Tools

Cutting
SORiMU / KeramiCUT
Grooving Saw
EP Cutter
:

page. 26-27



Cutting Blades

Slab Processing
Synthetic Metal Disc
Resin / Buff Disc
T-Maker(Calibrating)
:

page. 28-29



Slab Processing

Floor Discs (Restoration)
Concrete Grinding Wheels
PCD Weels
CNC Parameters
Fabrication of Kitchen top
:

page. 30-35



Floor restoration
Concrete Tooling

Bowl Processing / Cutting

.FiNGER BiT

- . Fast Cutting & Lasting longer
- . Clean Finish
- . Less Noise & Low Ampere
- . 1/2" Gas or Special mandrels
- . Small O/D bears life longer by low load
- . Granite/Marble, Engineered Stone, Quartzite, Sandstone, Limestone, Concrete, Porcelain, etc.

NEW
Pending Patent



Finger Bit-V (Longlife)

- . **New technology**
- . Side Vacuum Bond for
 - Less deformation
 - Longlife
 - Fast cutting
- . Ø20mm Ø23mm
- . 40L 45L 50L



FiT

Finger Bit-TT (Twin Twister)

- . Ø20mm x 30L, 40L, 45L
- . Ø23mm x 40L, 50L(10N)
- . Seg: 4.5 x 2.8 x 8N(10N)
- . RPM: 5200~5800



Finger Bit-T (Twister)

- . Ø20mm x 30L, 40L, 45L
- . Ø23mm x 50L, 60L
- . Seg: 4.5 x 4.5 x 5N
- . RPM: 5200~5800

Finger Bit-ST

- . Ø15mm x 37L
- . Seg: 4.5 x 2.5 x 5N
- . RPM: 8500



Finger Bit-EX (Extreme Twister)

- . 13° Twined Segments for less Ampere
- . Ø20mm x 40L
- . Ø23mm x 40L
- . Seg: 4.5 x 4.5 x 5N x 40L
- . RPM: 5500~6200

Patented

Absolute Finger Bit (Segments implanted in shank for the prevention of breakage) Patented 20-0467197.KOREA



Absolute-EX (Extreme Twister)

- . 13° Twined Segments implanted in Small!!!! But, last longer & faster
- . Ø18mm x 40L
- . Seg: 4.5 x 3.0 x 6N
- . RPM: 6500~7000



Absolute-TT

- . Twin twisted Segments Implant
- . Ø20mm
- . 30L 40L 50L
- . Seg: 4.5 x 2.8 x 8N
- . RPM: 5500~6200



Absolute-T (Twister)

- . Segments Implant
- . Ø20mm
- . 30L 40L 50L
- . Seg: 4.5 x 4.5 x 5N
- . RPM: 5200~5800



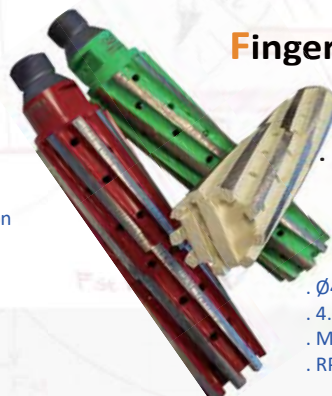
Absolute-TT(K)

- . Porcelains as Dekton, Neolith, etc
- . Ø18mm Ø20mm
- . L25mm L35mm
- . Seg: 3.5/4.5 x 2.8 x 8N
- . RPM: 5000~5500
- <Parameter>
 - . RPM: 5000~5500/min
 - . F/S : 200~250mm/min
 - *120~150mm/min(beginning)



Finger Bit-Q (Quartzite)

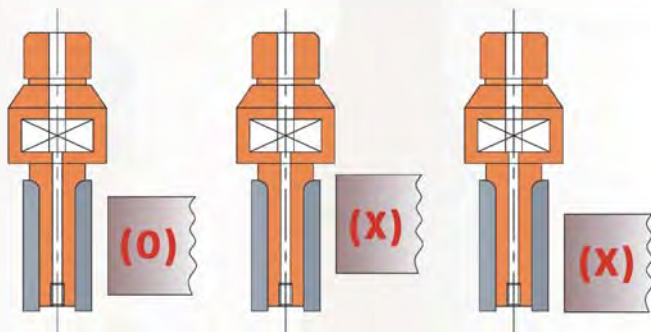
- . Ø20mm
- . 40L 50L
- . Seg: 4.5 x 4.5 x 5N
- . RPM: 4500~4700
- . F/S 175~200mm/min



Finger Bit-G (Giant)

- . Cutting thicker monument in one
- . Ø40mm x L120
- . 4.5 x 5.0mm x 9N
- . M30
- . RPM: 3400~4000

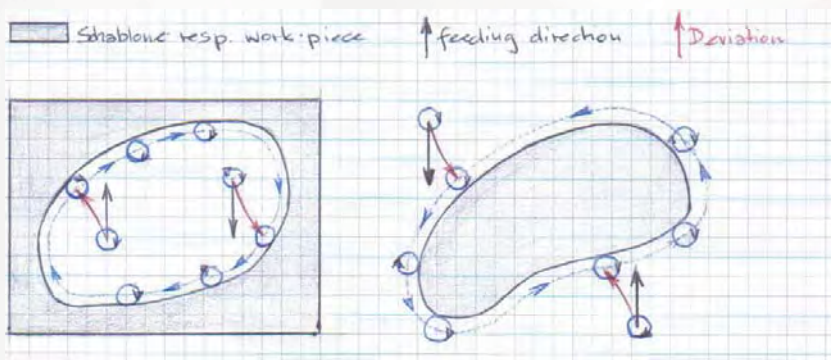
. Finger Bits CONTACT Point to Stone & Working Direction



. Finger Bit-V (Segment deformation-less)

Pending Patent. KOREA

- . New technology
- . Vacuum-bond with diamond on metallic segment.



* More details, please visit www.diaflx.com

. Absolute(Finger Bit)

Patented 20-0467197.KOREA

Implanted Segments
Prevent breakage

* See page no. 4*



FB-Straight



FB-S



FB-R



FB-C



FB-B



FB-Sd



FB-M



FB-BS

Segment Type	O/D	RPM	F/S (mm/min)	Working Length	Water Feeding	Arbor	Machine	Remarks
Twisted Twin-Twisted Ex-Twined Absolute	Ø20mm	5500~5800	350~	L30.0mm L40.0mm L50.0mm	Central Water Feeding	1/2" Gas or others	CNC Purpose	
	Ø23mm	4900~5100	300~					
Round	Ø25mm	4500~480	250					
Straight	Ø35mm	3400	80~	L65mm L70mm L85mm				

Notice: F/S(Feeding Speed) 200mm/min for 2~3meters at the beginning to be in centric

Bowl Processing / Cutting

• Super BiT

for cutting bowls on CNC M/C.

- . Cutting special designed bowl
- . Engraving
- . CNC Purpose
- . Faster

. Ø8mm x H20.0mm
. Mandrel (Shaft), M8

* Adaptor-SB : 1/2" Gas + M8F

• EASY BiT (Incremental Bits)



Easy Bit-CF



Easy Bit-CS on CNC Saw MC

• Easy Bit-C (Castle Type)

- . Ø20mm x T3.0mm x 15L, 20L . Arbor: M10, M12
- . Side chinks for draining and cooling . Extreme Cutting Speed

. Easy Bit-CF (Castle-F) for high RPM : RPM: 8000 ~ 10000r/m

. Easy Bit-CS (Castle-S) for LOW RPM : RPM: 2000 ~ 4000r/m



Easy Bit-T



Easy Bit-S

Turbo / Standard Type

- . Ø20mm x T3.0mm x 15L, 20L
- . Arbor: M10, M12
- . Side grooves for discharging sludg out in easy . Faster . RPM: 8000~10000r/m



• Prop Bit

- . Rabbeting for sink bowl
- . Ø8mm, Ø10 x L10mm
- . Ø15mm x L20mm
- . Arbor: M10, M12, 1/2" Gas
- . CNC Machine
- . RPM: 10000r/m



• Milling Bit

- . Ø40mm x L30mm
- . Arbor: M14, M16, 1/2" Gas
- . CNC Machine



• CNC Bit

- . Castle & Standard type
- . Ø25mm x T4.0mm x 20L
- . For Sink bowl Rack
- . Arbor: M12, M14
- . CNC Machine
- . RPM: 8000~10000r/m

• Easy Bit - K (Castle Type)

for Deckton Neolith
Lapitec Laminam

. Ø20mm x T3.0mm x 15L, 20L
. Arbor: M10, M12

<Parameter> RPM: 8000~10000/min
F/S : 400mm/min



• Prop-K

for Dekton Neolith Lapitec

- . Rabbeting for sink bowl
- . Ø8mm, Ø10 x L10mm
- . Ø15mm x L20mm
- . Arbor: M10, M12, 1/2" Gas
- . CNC Machine
- . RPM: 10000r/m



• FiNGER BiT-EP / Vacuum

Twined Type / All-Plated

- . Ø16mm x 30L, 40L, 50L
- . Ø20mm x 40L, 50L
- . Ø23mm x 50L, 60L, 70L
- . Grit: #50, #80, #120, #220, #400



- . Electroplated or Vacuum Brazed
- . Soft materials as Marble, Limestone
- . 1/2" Gas

• Adaptor-EB for Easy bits



Adaptor-EBB

Adaptor-EBS(with sleeve)

- . Adaptor-EB.
- . Adaptor-EBS (with Sleeve)
- . Adaptor-EBB
- . - Ø30mm x M10, M12, M14 x 1/2" Gas

Bowl Processing / Cutting

. Profile Z Shape on CNC/NC

. GEAR DRUM-C

- . Rapid Trimming coarse edge cut by finger bit or saw
- . Central Water Feeding . Precisely balanced for minimizing tolerance
- . Synthetic Resin Infill for fast & smooth trimming . Wet
- . Granite, Marble, Engineered stone, Sandstone, Limestone, etc



- . 2"($\varnothing$ 50mm), , 2 $\frac{3}{8}$ "($\varnothing$ 60mm), 3"($\varnothing$ 75mm), 4"($\varnothing$ 100mm)
- . Working Height: 1 $\frac{3}{8}$ "(35mm), 1 $\frac{3}{4}$ "(45mm), 2 $\frac{1}{8}$ "(55mm)
- . Grit : #30 #50 #100 #200 #400
- . Arbor : $\frac{1}{2}$ "Gas / Bore: 22.0mm 25.0mm 35.0mm

. Parameter

Diameter	2"($\varnothing$ 50mm)	3"($\varnothing$ 75mm)	4"($\varnothing$ 100mm)
RPM	4800~5100r/m	4500~4700r/m	4000~4500r/m
Feeding Speed	600~800mm/min		800~1000mm/min

. Vacuum / EP CNC Drum



- . Dressing Purpose after trimming work on edge
- . Central Water Feeding
- . Precisely balanced for minimizing tolerance
- . Granite, Marble, Engineered stone, Porcelains
- . Wet

- . 2"($\varnothing$ 50mm), 2 $\frac{3}{8}$ "($\varnothing$ 60mm), 3"($\varnothing$ 75mm), 4"($\varnothing$ 100mm)
- . Working Height: 1 $\frac{3}{8}$ "(35mm), 1 $\frac{3}{4}$ "(45mm), 2 $\frac{1}{8}$ "(55mm)
- . Grit : #30 #50 #100 #200 #400
- . Arbor : $\frac{1}{2}$ "Gas / Bore: 22.0mm 25.0mm 35.0mm

. TONG DRUM-C



- . Sintered metal drum for removing deep scratches
- . Flat edge without any waves
- . Line-Eliminator
- . Granite, Marble, Engineered stone . Wet

- . 1 $\frac{1}{2}$ "($\varnothing$ 38mm), 2"($\varnothing$ 50mm), 3"($\varnothing$ 75mm)
- . Working Height: 1 $\frac{3}{8}$ "(35mm), 1 $\frac{3}{4}$ "(45mm), 2 $\frac{1}{8}$ "(55mm)
- . Grit : #30 #50 #100 #200 #400
- . Arbor : $\frac{1}{2}$ "Gas / Bore: 22.0mm 25.0mm 35.0mm

Bowl Processing / Polishing

DS CNC DRUMS

- Profile Z Shape edge for high gloss finish
- Resin + Tube + Polyurethan + Aluminum bore
- 1) Precise Centricity 2) Ultimate Urethan hardness for free-offset
- Granite, Marble, Engineered stone, etc . Wet

. #50 #100 #200 #400 #800 #1500 #3000 DF(Black/White)

. Recommend: #50(M) - #140(EP) - #400(EP) - #800(R) - #1500(R) - #3000(R) - DF(Black/White)



DS CNC Drum-R



. 2" (Ø50mm) 3" (Ø75mm)
. Height: 45mm 50mm

DS CNC Drum-H



. 3" (Ø75mm)
. Height : 40mm 45mm



DS CNC Tube



. Longlife &
Elastic Tube for even edge
. 3" (Ø75mm)
. 40mm(Height)

DS CNC Belt



. Easy to change
. 3" (Ø75mm), 4" (Ø100mm)
. 39mm & 40mm(Height)

DS CNC Band



. Elastic Tube for even edge
. 3" (Ø75mm)
. 40mm(Height)

KOMU Expander (CNC Compatible Bore)



- KOMU Expander - BN for DS CNC Tube / Band
. Ø66.7mm . Height: 40mm
- KOMU Expander - BL for DS CNC-Belt
. Ø75mm Ø100mm . Height: 40mm
- KOMU Expander - BM (Magnetic Purpose)
. Ø66.7mm . Height: 40mm

Adaptor-Tri (3 different grits in one)



. CNC / NC Purpose
. Arbor : 1/2" Gas



. Adaptor-KH
. 1/2" Gas Body +
Bottom Support +
Screw



Bowl Processing / Polishing

• mini Profile

- Touch-POL, Ultimate Bond System
- PERFECT for profiling sink brim
- Central Water Feeding



Mini Profile X

- X30B3 / X20B3
- Ø24mm
- WL24 WL34
- ½" Gas



Mini Profile-TP(Touch-POL)

- Shape: Z45, ZS45B5, ZR45R5
- Ø20mm ½" Gas(Adaptor-MC)



Mini Profile X

- X20B3 / X30B3
- Ø40mm x (i)22mm
- WL24 WL34



Mini Profile ZS

- ZS30B5
- Ø50mm x (i)22mm

• DiAFLX- Mini Cylinder

- Z Shape + small radius corner
- Central Water Feeding
- Offset controlled by Urethan inside
- Granite, Marble, Engineered stone, etc



- Ø15mm, ¾"(Ø20mm), 1"(Ø25mm), 1½"(Ø30mm), 1½"(Ø38mm)
- Height: 40mm 45mm 55mm
- Metal Grit: #30 ~ #200
- EP Grit: #100 ~ #400
- Copper Grit: #100 ~ #400
- Resin Grit: #100 ~ #3000 DF

• Recommend: #50(M) - #100(E) - #200(E) - #400(E) - #800(R) - #1500(R) - #3000(R)
(M: Metal / E: Electroplated / R: Resin)

• Adaptor-MC

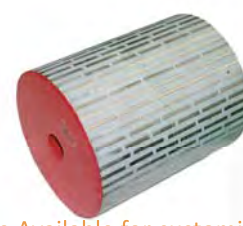


For Profile-TP DS mini Cylinder

- Ø15mm Ø20mm
- Ø25mm Ø30mm
- Ø38mm
- H 40mm 45mm 55mm
- Central Water Feeding
- ½" Gas

• DS Cylinder

- CNC tooling for big thickness of Monument
- Central Water Feeding
- Well-Balanced for Centric revolution
- Granite, Marble, Engineered stone, etc



Other Size Available for customization

• Ø80mm x H130mm, H170mm, H230mm

- Grit:
 - DS Cylinder-M (Metal) : #30 #50 #100 #200
 - DS Cylinder-E (Electroplated) : #100 #200 #400
 - DS Cylinder-C (Copper) : #100 #200 #400
 - DS Cylinder-R (Resin) : #100 #200 #400 #800 #1500 #3000 #6500

• Providable for CNC Parameter on DS Tools
• Recommend: #50(M) - #100(E) - #200(E) - #400(C) - #800(R) - #1500(R) - #3000(R)
(M: Metal E: EP C: Copper R: Resin)

• Strips are in page 29

Drilling / Cutting

• CNC Core Drill



- Thin Crown type for fast drilling
- Precise Centricity for lasting longer
- Optimized matrix of segment for CNC application
- Granite, Marble, Engineered stone, etc
- Welcome Order-made drills

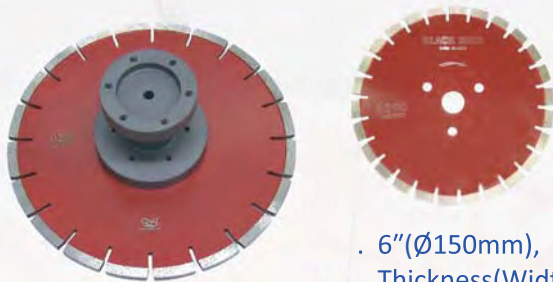
- 1" (Ø25mm), 1½" (Ø28mm), 1¾" (Ø32mm), 1⅝" (Ø35mm), 2" (Ø50mm) ~ Ø100mm
any other size available
- Thickness: 1.5mm 2.5mm
- Working Height: 2" (Ø50mm) ~
- ½" Gas Thread . Wet use

* Parameter of 1½" (Ø35mm): RPM2300, F/S 40mm/min

• CNC Core Drill-Q for Quartzite

• CNC Core Drill-K for porcelains as Dekton, Neolith, etc.

• CNC SAW



- Cutting Sink Bowl Purpose
- Higher Performance & Lifetime Approved
- Granite, Marble, Engineered stone, etc

- 6" (Ø150mm), 7" (Ø180mm), Ø190mm, Ø200mm, Ø230mm, Ø250mm
- Thickness(Width): 3.2mm . Arbor: Ø25mm (Pinholes 3-Ø9), etc.

* Parameter of 1½" (Ø35mm): RPM2300, F/S 40mm/min

• Horizontal SAW - CNC



- 6" (Ø150mm) x L30 x H7.7 x W5.0 or W10.0 x N13
- 7" (Ø180mm) x L30 x H7.7 x W5.0 or W10.0 x N15
- 10" (Ø250mm) x L30 x H7.7 x W5.0 or W10.0 x N22
- 12" (Ø300mm) x L34 x H7.7 x W5.0 or W10.0 x N24
- 14" (Ø350mm) x L34 x H7.7 x W5.0 or W10.0 x N28



Special CNC Tooling

• HEAD MILL (For stone sink or shower pan)



- . 2" (Ø50mm) x H50mm x R25 x M20
- . Grit / Metal: #30 #50
- / Resin: #100, #200, #400, #800, #1500, #3000 . Wet use



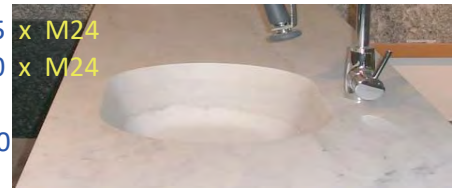
• Adaptor-HM

- . Ø77mm x L144 x M20 x FØ50 x 6FØ6.5 x Ø63

• SPHERIC ROUTER (For stone sink or shower pan)



- . 2" (Ø50mm) x H30mm x R15 x M24
- . 3 1/8" (Ø80mm) x H40mm x R20 x M24
- . Grit / Metal: #30 #50
- EP: #50 #100 #200 #400



• Adaptor-SR

- . Ø77mm x L144 x M24 x FØ50 x 6FØ6.5 x Ø63

• DiANA Router (Plunging)



- . Ø40mm x H20mm x R20 x M14-M
- . Ø50mm x H25mm x R25 x M14-M
- . Grit / Metal: #30 #50 . Wet use

• Adaptor-DR40: Ø40mm x H60 x 1/2" Gas/M14

• Adaptor-DR50: Ø50mm x H60 x 1/2" Gas/M14

• ENCORE Router (Milling narrow area)



- . Ø50mm x H10mm x M24
- . Grit / Metal: #30 #50
- . Wet use

• Adaptor-EN50:

- . Ø30mm x H60 x 1/2" Gas/M24-M



• CANDLE Router (Sunken hole for candle)



- . Ø43mm x H10.0 x N12 x 1/2" Gas
- . Ø62mm x H10.0 x N15 x 1/2" Gas
- . Ø85mm x H10.0 x N17 x 1/2" Gas
- . Grit / Metal: #30 #50
- . Wet use

• OVAL Router



- . Ø80mm x R85.0 x N12 x 1/2" Gas

• OTHER SPECIAL Tools / Welcome any tools made to order



Edge Processing / Profiling

Seg: Segmented



Profile Shape	Slab	Metal Seg	Vacuum / EP	Remover	Finish	Height	Radius 1	Diameter		Remarks
								Max	Min	
	20mm	✓	✓		✓	15mm	8mm	85 - 69mm		
	30mm	✓	✓			17mm	15mm	95 - 60 mm		
	40mm	✓				22mm	20mm	105 - 60 mm		
	20mm	✓	✓				20mm	105 - 60 mm		
	30mm	✓	✓	✓	✓		30mm	120 - 60 mm		
	40mm	✓	✓				40mm	140 - 60 mm		
	20mm	✓	✓			10mm	10mm	100 - 60 mm		
	30mm	✓	✓	✓	✓	15mm	15mm	120 - 60 mm		
	40mm	✓	✓			20mm	20mm	140 - 60 mm		
	30mm	✓	✓	✓	✓	12mm	10mm	100-60mm		
	40mm	✓	✓	✓	✓	12mm	15mm	120-60mm		
	30mm	✓	✓	✓	✓	8mm	25mm	110-60mm		
	40mm	✓	✓			10mm	30mm	120-60mm		
	30mm	✓	✓	✓	✓	20mm	6mm	80 - 68 mm		
	20mm	✓	✓				10mm	85-60mm		
	30mm	✓	✓	✓	✓		15mm	95-60mm		
	40mm	✓	✓				20mm	105-60mm		
	20mm	✓	✓			22mm		75mm		
	30mm	✓	✓	✓	✓	32mm		75mm		
	40mm	✓	✓	✓	✓	42mm		75mm		

Metal Segmented - Sintered/Vacuum - Electroplated - Eliminator - Touch-POL(Resin)

o : prepared



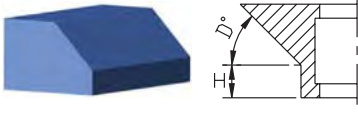
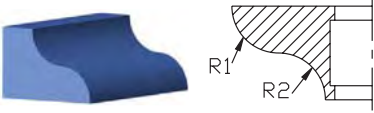
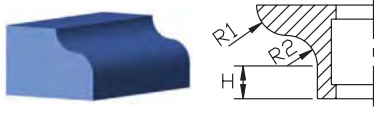
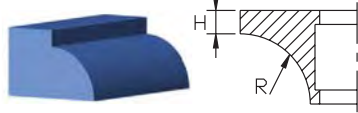
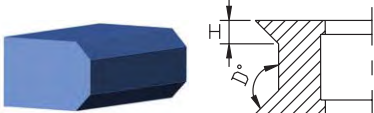
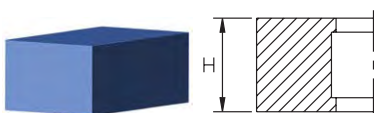
Essential choice for shaping and processing the edge.

- Complete steps from Edge breaking to final polishing.
- Long lasting life span and precise shape.
- Completely compatible with CNC machines from popular brands.
- Custom shapes are also available.

PARAMETER

Position	Function	RPM	Offset	Granite / Engineered Material		Marble	
				Bond	F/S (mm/min)	Bond	F/S (mm/min)
POS 0	Stock Removing	4700 ~ 5000 r/m		Metal - Segment	600	Electroplated	800
POS 1	Shaping		0.6mm	Metal - Rim	800	Electroplated	800
POS 2	Honing		0.4mm	Metal - Rim	800	Electroplated	1200
POS 3	Finishing		0.2mm	Metal - Rim	800	Electroplated	1200
POS 4	Polishing	1500 r/m	0.1mm	Resin	1000	Resin	1000
POS 5	Polishing		0.1mm	Resin	1000	Resin	1000
POS 6	Polishing		0.1mm	Resin	1000	Resin	1000

.DS STANDARD PROFILE SHAPES

		
Shape A - Eased Edge	Shape B - Demi Bullnose	Shape E - Bevel
		
Shape F - Ogee	Shape FS - Ogee and Straight	Shape H - Dupont
		
Shape L - Cove	Shape T - Double Eased Edge	Shape V - Full Bullnose
		
Shape X - Double Bevel	Shape Z - Straight	

- DS offers a complete system of CNC profile wheels that provide superior results for various profile shapes
- The combination of grinding, shaping wheels & Touch-POL polishing wheels with expandable inside urethane provide perfect finish with full contacting all surface
- Segmented Wheel (POS.0) is made for "Edge-Breaking" & its' fast pre-cutting performance will enhance the life span of following steps.
- Sintered Rim Wheels (POS.1~3) will form shapes precisely & will not be deformed.
- Electroplated or Vacuum Bonds (POS.1~3) are made for soft materials like Marble, Engineered stone, Sandstone, etc that will bring out a semi finish.
- Line Eraser (POS.3+) for eliminating diamond marks before the step of polishing.

.DS CUSTOMIZED PROFILE SHAPES



- DS will be pleased to be ready to draw & make whichever Profile you look for.
- Parameter for CNC will be provided with tools.
- Custom-made tools are always available & welcomed.
- Prompt & correct technical support will be provided to you the peace of mind.

Drainboard / Calibrating

- **MAXMiLLER** (Gauging Wheel) for calibrating drain board (Sunken drain)



- **Extremely fast calibrating work**
- **Reversible structure for saving costs**
- **Granite, Marble, Engineered stone, etc**
- **Single & Twin types**
- **ICE Bond Available for hard materials**
 - Single : $\varnothing 91\text{mm} \times \text{H}15\text{mm}$
 - Twin : $\varnothing 50\text{mm} \times \text{H}15\text{mm}$ / $\varnothing 91\text{mm} \times \text{H}30\text{mm}$
 - Arbor : F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$ or others



MAXmiller-K
for Dekton, Neolith, Lapitec

* Parameter : RPM4900~5200, F/S 500~800mm/min

- **JO-A Router** (Segmented type / Gauging Wheel) for calibrating drain board



- **Reversible structure for saving costs**
- **Granite, Marble, Quartzite, Porcelains, etc.**
- **Single & Twin types**

- 1 3/8" ($\varnothing 35\text{mm}$) x H30mm x M10
- 2" ($\varnothing 50\text{mm}$) x H20mm x F $\varnothing 10-2+2\text{F}\varnothing 6/\varnothing 26$
- 3 1/8" ($\varnothing 80\text{mm}$) x H20mm x F $\varnothing 20-4+4\text{F}\varnothing 6/\varnothing 45$
- 3 3/8" ($\varnothing 85\text{mm}$) x H20mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 3 3/8" ($\varnothing 85\text{mm}$) x H30mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 3 1/2" ($\varnothing 90\text{mm}$) x H20mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 3 3/8" ($\varnothing 93\text{mm}$) x H20mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 4" ($\varnothing 100\text{mm}$) x H20mm x F $\varnothing 20-4+4\text{F}\varnothing 6/\varnothing 45$ or F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 4.5" ($\varnothing 115\text{mm}$), 5" ($\varnothing 125\text{mm}$), 6" ($\varnothing 150\text{mm}$)



* Available : CNC Paramters on above Jo-A Routers

- **JO-A EP Router** (Electroplated) for marble drain board



- 3 3/8" ($\varnothing 85\text{mm}$) x H30mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 3 1/2" ($\varnothing 90\text{mm}$) x H20mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$
- 3 3/8" ($\varnothing 93\text{mm}$) x H20mm x F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$



- **Adaptor-JAR Jo-A Router**



- **Adaptor-JAR1** $\varnothing 74.5 \times \text{Inner } 50 \times \text{Hole } 3/\text{Reversible} \times \text{M}6 \times 1/2'' \text{Gas}$
- **Adaptor-JAR2** $\varnothing 57.0 \times \text{Inner } 20 \times \text{Hole } 4/\text{Reversible} \times \text{M}5 \times 1/2'' \text{Gas}$
- Other **Adaptor-JARs** Available for above specification

- **TANK Router** (Gauging Wheel) for calibrating drain board on NC / CNC



- Diameter: 2" ($\varnothing 50\text{mm}$), 3 1/8" ($\varnothing 80\text{mm}$), 3 3/8" ($\varnothing 85\text{mm}$)
4" ($\varnothing 100\text{mm}$), 5" ($\varnothing 125\text{mm}$), 6" ($\varnothing 150\text{mm}$)
- Arbor: 1/2" Gas F $\varnothing 50-3+3\text{F}\varnothing 6.5/\varnothing 63$ F $\varnothing 60-6+6\text{F}\varnothing 9/\varnothing 100$
- Working Height: 20mm
- Wet

* Parameter : 4" ($\varnothing 100\text{mm}$)
RPM 4000, F/S 250~ mm/min
Calibrating Depth: 2.5mm/pass

Drainboard / Shaping

JO-A Angler for angled drain bank



- Forming angled drain bank
- Metal, EP(Electroplated)
- Optional bottom segments for surfacing
- Arbor: ½"Gas, FØ20-4+4FØ6/Ø45, FØ50-3+3FØ6.5/Ø63

Jo-A Metal Angler

- Diameter: Ø100mm x 90°
Ø113mm x 60°
Ø124mm x 45°
- Grit : #30, #50, #80



Jo-A EP Angler

- Diameter: Ø100mm x 90°
Ø113mm x 60°
Ø124mm x 45°
- Grit : #60, #120, #220, #400



Adaptor-JAA

- Ø60 x FØ20-4+4FØ6/Ø45
- Arbor: ½"Gas



Magnetic Fastener

- Ø92 x FØ20-4+4FØ6/Ø45
- SP: Steel Plate Integrated



Magnetic Adaptor

- Diameter: Ø80
- Arbor: ⅝"-11 M14 M16 M20 M24 ½"Gas



Jo-A Surfacers



- Sleeking drain board formed by Jo-A Router(Milling Wheel)
- Removing deep scratches
- Diameter: Ø100mm x inner 50mm
Ø125mm x inner 60mm
- Grit : #50, #100, #200
- Arbor : SF(Snail Fitting) SP(Magnetic Purpose)

Jo-A Polisher(Patent)



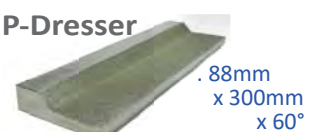
- Polishing & Shinning drain board & bank
- Popular angled bank as 90°, 60°, 45° . Granite, Marble
- Providing parameters & how to arrange grits
- Diameter: Ø100mm x 90°, Ø113mm x 60°, Ø124mm x 45°
- Grit : #50, #100, #200, #400, #800, #1500, #3000, #6500, DF
- Arbor : SF(Snail Fitting) SP(Magnetic Purpose) . Bond: Resin Epoxy-Resin

Super Polisher(Patent)



- Optimized bond for better & faster performance
- Granite, Marble, Engineered stone
- Diameter: Ø100mm x 90°, Ø113mm x 60°, Ø124mm x 45°
- Grit : #50, #100, #200, #400, #800, #1500, #3000, #6500, DF
- Arbor : SF(Snail Fitting) SP(Magnetic Purpose) . Bond: Resin Epoxy-Resin

EP-Dresser



- 88mm x 300mm x 60°

Drainboard / Fluting

. GROOVER



- . Specially designed to form grooves on drain board
- . Combination of Metal, EP & Resin Bond
- . Easy & Accurate Performance

. Diameter: Ø10mm Ø12mm Ø15mm
. Arbor : M10 M12

- GROOVER-M . Grit: #50, #100
- GROOVER-E . Grit: #120, #220, #400
- GROOVER-R . Grit: #200, #400, #800, #1500, #3000, DF



. GROOVER-Touch POL



- . Special bond for multipurpose
- . Precise Centricity

. Adaptor-GTP
. Diameter: Ø15mm
. Arbor: ½"Gas



. Adaptor-G

- . For Groover-M & Groover-E

. Diameter: Ø30mm
. Arbor: ½"Gas+M12

. Feathering Adaptor

- . Feathering for stabilization

- . For Groover-R

. Diameter: Ø30mm
. Arbor: ½"Gas+M10M
. Working Length: 50mm



. HOW to fabricate Kitchen or Counter Tops

. Adaptor-G

60° / 45° Bank	1	2	3	4	5	6	7
90° Bank	1	2	3		4	5	6
Photo							
Article	Jo-A Router	Jo-A Angler 60 / 45°			Jo-A Polisher		
Purpose	Calibrating	Forming angled bank			Polishing drain board		
Diameter	Ø85	Ø113(60°) or Ø124(45°)			Ø100		
Bond	Metal	Metal	Electroplated		Resin		
Grit/ Type	#30	#50	#60	#200	#100	#200	#400
RPM	4500r/m	5000r/m	7000r/m	5000r/m	1200r/m		
F/S	500mm/m	1500mm/m	4000mm/m	1500mm/m	5500mm/m		
Remarks				0.2mm away from bottom (Z Axis +0.2mm)			

60° / 45° Bank	8	9	10	11	12	13	14	15
90° Bank					7	8	9	10
Photo								
Article	Jo-A Angler 60°	Super-Polisher			Jo-A Polisher	DiAFLX		DF or Buff
Purpose	Dressing	Polishing bank			Polishing bottom			Shinning
Diameter	Ø100	Ø113			Ø100			
Bond	Electroplated	Epoxy Resin			Resin	Epoxy Resin		Buff
Grit/ Type	#400	#500	#1000	#2000	#800	#1500	#3000	DF or Buff
RPM	5000r/m	1800r/m			1200r/m			600r/m
F/S	1500mm/m	1500mm/m			5500mm/m			4000mm/m
Remarks		0.2mm away from bottom (Z Axis +0.2mm)						

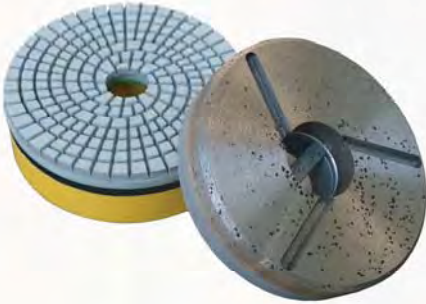
For C Frame Machines

- BULLNOSE EDGE WHEELS

• ORION-PRO

- Super finish on single head edge machines such as Park Pro-Edge, Denver Quasar

- Recommend 5 Steps (Optional 6 Steps)
- Granite, Marble, Engineered Stone • Wet



- OP-Turbo, OP1, OP2 for shaping rounded edge



• Nautilus-CF

Grit: OP3, OP4, OP5, OP6 (Optional)

- 4" (Ø100mm) x inner 20mm
- Hook & Loop (Velcro)
- Grit: OP3, 4, 5, 6
- SF1 (Snail Fitting)

- 4" (Ø100mm) x T8.0mm x inner 30mm, 50mm
- 4" (Ø100mm) x T5.0mm x inner 30mm, 50mm
- Grit: OP-Turbo or OP1 OP2
- SF1 (Snail Fitting)



- EGS-M: Edge Grinder Straight - Metal
- EGS-G: Edge Grinder Straight - Graphite

- Bullnose Edge : OP1 - OP2 - OP3 - OP4 - OP5 - OP6
- Straight Edge : OP-Turbo - OP2 - OP3 - OP4 - OP5 - OP6

More details:

Please download a guide at www.diaflx.com.

- ACCESSORIES for Nautilus-CF for Auto Edge Machines

• SF (Snail Fitting)

- SF1: 4" (Ø100mm)
- SF2: 5" (Ø125mm)
- 6" (Ø150mm)
- SF (Snail Fitting) + Hook (Male Velcro)



• SNAIL LOCKER

- 4" (Ø100mm)
- 5" (Ø125mm)
- 5/8"-11, M14
- M16, M18, M24, M30



• Space Cake (Edge Process Wheel) • Super Finish

on Any materials & Any Edge machines

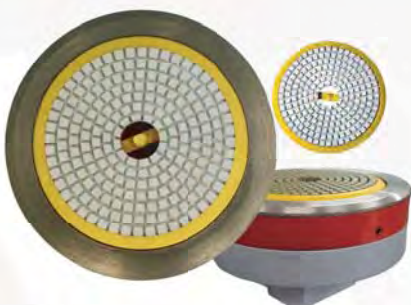
- Super Soft Epoxy Bond, but Longer life
- Longer & Faster

- 5" (Ø125mm), 6" (Ø150mm)
- Grit: #50, #100, #200, #400, #600, 800
- #1500, #3000, Shiner
- Thickness: 15.0mm

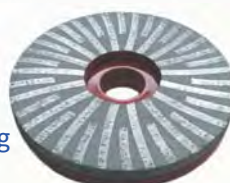


• Triad-Chamfer Wheel

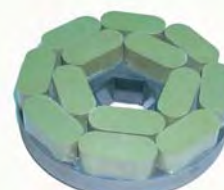
- 5" (Ø130mm)
- M24
- 3 grits in 1
- Chamfering & Polishing



• Edge Wheels



Radial-Edger



Resin-Edger



Cycro-Edger

For In-Line Machines



Flat/ Straight Edge Wheels

Edge Metal Grinder-S

- Designed for flat edge on Vertical or Horizontal Edge M/Cs
- Coarse Edge Removal
- Chamfering Purpose
- Granite, Marble, Engineered Stone
- Wet



EGS-G



EGS-M



EGS-W

- 5" (Ø125mm) x T5.5mm
- Grit: #50 #100 #200 #400 Custom-Grit
- SF2(Snail Fitting) 1/8"-11 M14 M16
- EGS-G: Edge Grinder Straight - Graphite
- EGS-M: Edge Grinder Straight - Metal
- EGS-W: Edge Grinder Straight - Waffle Type

NAUTILUS-EXS (Patented)



New Version

- Flat / Straight Edge
- Logically & Mathematically designed for 100% even wear
- Nautilus pattern enables to last longer.
- No Orange surface or No waves on edge
- Multipurpose for Granite, Marble, Engineered Stone, Porcelain
- Wet

- 5" (Ø125mm) x T7.0mm
- 6" (Ø150mm) x T7.0mm
- Grit: #50 #100 #200 #400 #800 #1500 #3000 DF(Black or White)
- SF2(Snail Fitting) with buffer
- * Recommended: #100(C) - #200(C) - #400(R) - #800(E) - #1500(E) - #3000(R) - DF(Skippable)
- * (C) Copper / (R) Resin / (E) Special Soft Epoxy Resin
- * Nautilus-S or Nautilus-BS Tooling Guide on auto edge machines is provided

NAUTILUS-BS (Combo Edge Wheel)

- Combo Purpose
- Rounded & Flat edges



- 5" (Ø125mm)
- 6" (Ø150mm)
- Grit: As Nautilus-S
- SF2(Snail Fitting) with buffer

Hexa-Edge



- 5" (Ø125mm) 6" (Ø150mm)
- Grit: #50 #100 #200 #400 #800 #1500 #3000 DF
- Hook & Loop(Velcro) back or SF with rubber
- Wet

DiAFLX-Edge



Nautilus-S Parameter on Flat Edge

Head No.	1	2	3	4	5	6	7	8
Bond	Copper	Copper		Resin	Epoxy Resin		Resin	
Grit	#50	#100	#200	#400	#800	#1500	#3000	DF(Shiner)
Remarks	Skippable				USE			
RPM					1500r/m			
Conveyer Speed					1200 ~ 1800 mm/min			
Pressure					2~2.5Bar			

Edge Profile

- Designed for Rounded edge
- For Rounded Edge on Line Polishing Machine
- Granite, Marble, Engineered Stone
- Wet



EP-M



EP-R

- EGP-M
- 5" (Ø125mm) x T5.5mm
- 6" (Ø150mm) x T5.5mm
- Grit: #50 #100 #200 #400 Custom-Grit
- SF2(Snail Fitting)
- EGP-R
- 5" (Ø125mm) x T5.0mm
- 6" (Ø150mm) x T5.0mm
- Grit: #50 #100 #200 #400 #800
- #1500 #3000 DF(Black or White)
- SF2(Snail Fitting)

- Grinding Wheels

• GMB™ Technology

- . Aggressive Metal grains work Extremely faster, leave smooth surface by fine grit.
- . Effective in honing or removing coated or glazed materials.
- . For Granite, Engineered stone and partly Marble . Patented

• GMB™ REMOVER



- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit : Coarse(Green) Medium(Red) Fine(Yellow) Extra-Fine(Blue)
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm, SF1(Snail Fitting), SP(Magnetic System)
- . Dry/Wet

• GMB™ VANE-DISC



- . Effective in honing rounded concave shape as sink-hole
- . 4" (Ø103mm)
- . Grit : Coarse(Green) Medium(Red) Fine(Yellow) Extra-Fine(Blue)
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm
- . Dry/Wet

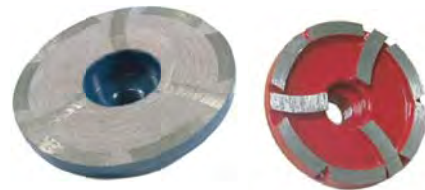
• T-GRINDER / T-GRAPHITER



T-GRINDER **T-GRINDER(K)** **T-GRAPHITER**
For Dekton Neolith Lapitec

- . Light Weight
- . Straight Edge or Chamfer works without waves
- . Two different bonds for rough & smooth works
- . 4.5" (Ø110mm) . Thickness: 3.0mm . Wet
- . Grit: Coarse(Green) Medium(Red) Fine(Yellow) Extra-Fine(Blue)
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm
- . SF1(Snail Fitting), SP(Magnetic System)

• X-GRINDER (Synthetic Grinder)



- . Synthetic Resin Infill gives stable touch
- . No vibrating, chipping or digging into
- . 2" (Ø50mm), 3" (Ø75mm), 4" (Ø100mm)
- . 5" (Ø125mm), 6" (Ø150mm), 7" (Ø180mm)
- . Thickness: 5.0mm . Dry/Wet
- . Grit : #50 #80 #100 #200 #400
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm
- . SF1(Snail Fitting), SP(Magnetic System)

• GRAPHITE Technology

- . Honing & Smoothing wide area even, Straight Edge or Chamfer works without any waves
- . Graphite Bond for smoothing coarse surface
- . Turbo type with reinforced edge perfectly works at right angled corner
- . Substitutionable for Silicon Carbide Wheels

- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit : #30 #50 #80 #100 #200 #400
- . Thickness: 3.0mm 5.5mm
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm, SF1(Snail Fitting), SP(Magnetic System)
- . Max 5000RPM . Wet

• GRAPHITER



• GRAPHITER-Turbo



Grinding

Well Balanced for No vibration!

• Turbo Rounder (Infusion)



- . Swirly slot designed with 2 layers for cooling & discharging of dust
- . Turbo designed for fast, chip-free, smooth grinding
- . Familiar Turbo Designs, but DS Turbo for Ex-fast, smooth finish

. 4" (Ø100mm) . Dry/Wet . Thickness: 5.0mm

. Grit : Coarse Medium Fine Extra-Fine

. Arbor: 5/8"-11, M14, M16, Ø22.23mm

SF1(Snail Fitting), SP(Magnetic System)

. America: Coarse Medium Fine Extra-Fine

• Turbo Pioneer



- . Reinforced swirly segment for cooling faster
- . Aggressive & Longer life . Premium quality

. 4" (Ø100mm) . Dry/Wet . Thickness: 5.0mm

. Grit : Coarse Medium Fine Extra-Fine

. Arbor: 5/8"-11, M14, M16, Ø22.23mm

SF1(Snail Fitting), SP(Magnetic System)

• Turbo Straighter



- . Straight slot design for smooth grinding
- . Very light weight . Chip-Free

. 4" (Ø100mm) 5" (Ø125mm) . Dry/Wet . Thickness: 4.5mm

. Grit : Coarse Medium Fine Extra-Fine

. Arbor: 5/8"-11, M14, M16, Ø22.23mm

SF1(Snail Fitting), SP(Magnetic System)

• CUP Wheels

• Single Cup • Double Cup



- . Smoothing coarse surface or eliminating glue after rod-bar works

. 2" (Ø50mm), 3" (Ø75mm), 4" (Ø100mm), 5" (Ø125mm), 7" (Ø180mm) (2", 3" Single Cup only)

. Dry / Wet

. Grit : #30, #50 #100, #200

. Arbor: 5/8"-11, M14, M16 Ø22.23mm



• RIM CUP WHEEL



- . Chamfering without any chips or cracks
 - . Straight Edge or Chamfer without any waves
- . 4" (Ø100mm), 4.5" (Ø110mm), 5" (Ø125mm)
- . Dry / Wet
- . Grit : #30, #50 #100, #200
- . Arbor: 5/8"-11, M14, M16, Ø22.23mm

Bowl Processing

• BOWL Drum (Gear Drum)



- . Basic Stock Removal
- . Designed with central waterfeed
- . Dry / Wet
- . Synthetic Resin Infill for No Vibration
- . Zero Tolerance Gear Drum

- . 2" (Ø50mm), 3" (Ø75mm), 4" (Ø100mm)
- . Working Height: 35mm 45mm
- . Grit : Coarse Medium Fine
- . Arbor: 5/8"-11, M14, M16



• Sintered Drum (Tong Drum)



- . Sintered metal gives smooth finish
- . No bouncing or Vibrating by precise balance
- . Dry / Wet . Central Waterfeed

- . 1 1/2" (Ø38mm), 2" (Ø50mm), 3" (Ø75mm)
- . Working Height: 45mm 55mm
- . Grit : Coarse Medium Fine
- . Arbor: 5/8"-11, M14, M16

• Sintered Drum - B



- . With Guide-Bearing to prevent waves
- . Available for
 - Vacuum Brazed
 - Electroplated

• DiAFLX-Mini Cylinder



- . For Small Radius or narrow corner Finish by Handheld machines
- . Special Urethane Tube absolutely prevents bouncing while use.
- . Granite, Engineered stone, Marble . Wet

- . 1 1/2" (Ø38mm), 2" (Ø50mm)
- . Working Height: 45mm 55mm
- . Grit : Metal: #50, #100, #200 / EP : #80, #120, #220
- . Resin : #100, #200, #400, #800, #1500, #3000
- . Arbor: 5/8"-11, M14, M16

Adaptor-MCB (Bearing)

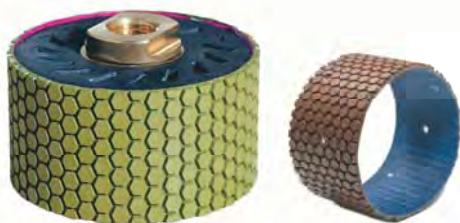
• ADAPTOR-MCH



- . Easy Change & Efficient use on Bowl Processing

- . 1 1/2" (Ø38mm), 2" (Ø50mm)
- . Working Height: 45mm 55mm
- . Arbor: 5/8"-11, M14, M16

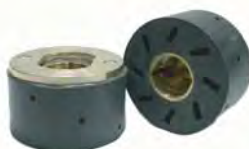
• DiAFLX-Belt



- . For Bowl Polishing . Wet
- . Granite, Engineered stone, Marble

- . 3" (Ø75mm)
- . Grit: #50, #100, #200, #400, #800, #1500, #3000, DF
- . Working Height: 39mm (CNC: Two belts in one Adaptor) 42mm (for single use)

• KOMU-Expander



- . Expanding itself while turning
- . Rubber integrated quick change
- . 3" (Ø75mm)
- . Height: 40mm

• TWIST Spindle



- . For KOMU-Expander on Handheld Machines
- . Arbor: 5/8"-11 M14 M16

Polishing

DiAFLX™ (Flexible Polishing Pad)

- Best Selling Polishing Pads for Hand-Held use
- FASTER & LONGER
- SUPER Finish based on DS Long term experiences
- Granite, Marble
- Wet
- RPM: 3000~5000
- Hook & Loop



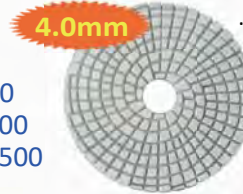
SADA

- 4" (Ø100mm)
- Grit: #50, #100, #200, #400, #800, #1500, #3000



SPiRAL

- 4" (Ø100mm)
- Grit: #50, #100, #200, #400, #800, #1500, #3000



4.0mm

Major (4.0mm)

- 4" (Ø100mm)
- White Resin
- Grit: #50, #100, #200, #400, #800, #1500, #3000



Professional

- Standard Flexible Pad
- 3" (Ø75mm), 4" (Ø100mm)
- T 2.4mm
- Grit: #50, #100, #200, #400, #800, #1500, #3000



Premium

- 4" (Ø100mm), 5" (Ø125mm)
- T2.6mm
- Grit: #50, #100, #200, #400, #800, #1500, #3000



Superior

- 4" (Ø100mm)
- T3.4mm
- Grit: #50, #100, #200, #400, #800, #1500, #3000



DF(Buff)-Premium

- For SUPER finish
- 3" (Ø75mm), 4" (Ø100mm), 5" (Ø125mm)
- Black or White

DiAFLX™-X (Copper Bond)



Premium

- EXTRA Coarse Flexible Pad
- 3" (Ø75mm), 4" (Ø100mm), 5" (Ø125mm)
- Grit: #30, #50, #100, #200, #400

CONVEX PAD



- For Ogee or Reverse Curve
- 3" (Ø75mm), 4" (Ø100mm)
- Grit: #30, #50, #100, #200, #400, #800, #1500, #3000, DF(Buff)

Edge Cuatro (Side-4)

- 4 Step for 100% straight edge or tight & narrow corner
- Special bond for faster & mirror finish
- Wet
- Engineered stone, Granite, Marble



- 3.5" (Ø90mm)
- 60° Edge
- Thickness: 5.0mm
- Grit: #1, #2, #3, #4 (Metal-Copper-Resin)



TURBO Resin DISC



- 3.5" (Ø90mm) 45° Edge
- Thickness: 5.0mm
- Grit: #50, #100, #200, #400, #800, #1500, #3000, DF
- Backer-T for Turbo Disc : See below

BACKER PADS & Others



- Backer-FX (Flexible)
- Backer-RD (Rigid)
- Backer-RS (w/ Sponge)
- 3" (Ø75mm), 4" (Ø100mm), 5" (Ø125mm)
- M14, 5/8"-11, M16



Backer-T

- 3.5" (Ø90mm)
- M14, 5/8"-11, M16



Backer-SF

- Backer-SFS (w/ Sponge)
- 4" (Ø100mm)
- Snail Fitting

DS Ultimate Technology for 3 Step Pad

on Granite, Marble, Engineered stone, Dekton, Nelolith, Lapitec

.PADTRIO (New Design & Ultimate hybrid bond)



- Extreme Flexibility
- 3 Step Speedy Finish
- New bond on Any materials

- . 1st Step: Aggressively Honing
- . 2nd Step: Quick Polishing
- . 3rd Step: Glossing

- . 4" (Ø100mm)
- . #1-3 #2-3 #3-3
- . Dry/Wet use



.GMB™ PAD (Granulated Metal Bond)



- . Metal Grain Flexible Pad
- . Extremely high Speed
- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: #60, #120, #220



.SAHARA-4 (HYBRID PAD)



- . 4 step Hybrid Pad
- . Multipurpose for Granite, Marble, Engineered Stone
- . Innovated **New ULTIMATE bond** in White Resin
- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: #1-4 #2-4 #3-4 #4-4
- . SUPER Finish . WET
- . 2000~3000 RPM

.SAHARA (HYBRID PAD)

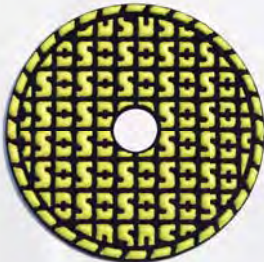


- . White Resin Bond
- . Grit: #50, #100, #200, #400, #800, 1500, #3000, Shiner

.DRY PAD series

- . Innovated Dry Polishing Pads
- . Less dust & Less Smell
- . Granite, Marble . Dry / Wet
- . RPM: 2000~3000 . Hook & Loop
- . Best Performance: Use after dampened

.CACTUS-4 (4STEP DRY PAD)



- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: #1-4, #2-4, #3-4, #4-4
- . SUPER Finish by 4 step

.CACTUS-G (Granite)



.CACTUS-RH (Thicker Pad)



.CACTUS-M (Marble)



- . 4" (Ø100mm), 5" (Ø125mm) . Grit: #50 ~ Shiner

.EG-CUATRO (4 STEP ENGINEERED STONE PAD)



- . Just **4 step** for Engineered Stone
- . Advanced new bond
- . 4" (Ø100mm)
- . Grit: #1-4, #2-4, #3-4, #4-4
- . SUPER Finish by 4 step
- . 2000~3000 RPM . WET

.EG PAD (ENGINEERED STONE PAD)



- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: #50, #100, #200, #400, #800, #1500, #3000, Shiner
- . 2000~3000 RPM
- . WET

.JH Pad

- . Special Bond for Semi good finish or mirror gloss
- . Removal of Swirl on stone
- . Wet . RPM: 2000~3000 . Hook & Loop



- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: C1 C2 C3 / B1 B2 / S1 S2
- C Bonds: Various semi finishes on Blue stone
- B Bonds: Semi Finish with Deep color without gloss
- S Bonds: Removal of swirl marks, High Gloss
- . with soft foam inside

Drilling

• VOLCANIC DRILL **NEW**

- Outside + Inside Volcanic(Vacuum brazed) Protection for cleaning holes
- Segment Pattern & bond designed for Extremely **FASTER** boring, **LONGER** life
- Trying is believing!!!



- 1"(ϕ 25), 1 1/4"(ϕ 32), 1 3/8"(ϕ 35), 1 1/2"(ϕ 38)
- Segment Thickness : 3.0mm
- Segment Height : 7.0mm
- Working Length : 2 3/4"(60mm)
- M14, M16, 5/8"-11, 1/2"Gas, 1/2"Gas+M14
- DRY / Wet



• CORE DRILL-Crown



- Thin Wall segment designed for Faster & Clean holes
- ϕ 12, ϕ 14, ϕ 15, ϕ 20, ϕ 22, ϕ 28, ϕ 30, ϕ 40mm
- Segment Thickness: 1.5mm, 2.5mm
- M14, M16, 5/8"-11, 1/2"Gas . Wet
- Granite, Marble, Engineered Stone

• CORE REAMER



- Cutting & bevelling in one

- 1 3/8"(ϕ 35mm)
- 45° bevelling
- Cutting depth: 50.0mm
- 1/2"Gas . Wet

• CORE BIT (DRILL BITS)



• DS DRILL BITS

- Central Water feeding
- ϕ 5.0 ϕ 6.0 ϕ 8.0 ϕ 10.0 ϕ 12.0 ϕ 15.0mm
- Segment Height: 10.0mm . Working depth: 40mm 55mm
- Type: -S(Shaft10mm), -M14, -M16, -5/8"-11, -HM12(Hexagonal Head), -CB(1/2"Gas Adaptor)

M14, M16, 5/8"-11



HM12(Hexagonal Head)



CB(1/2"Gas Adaptor)

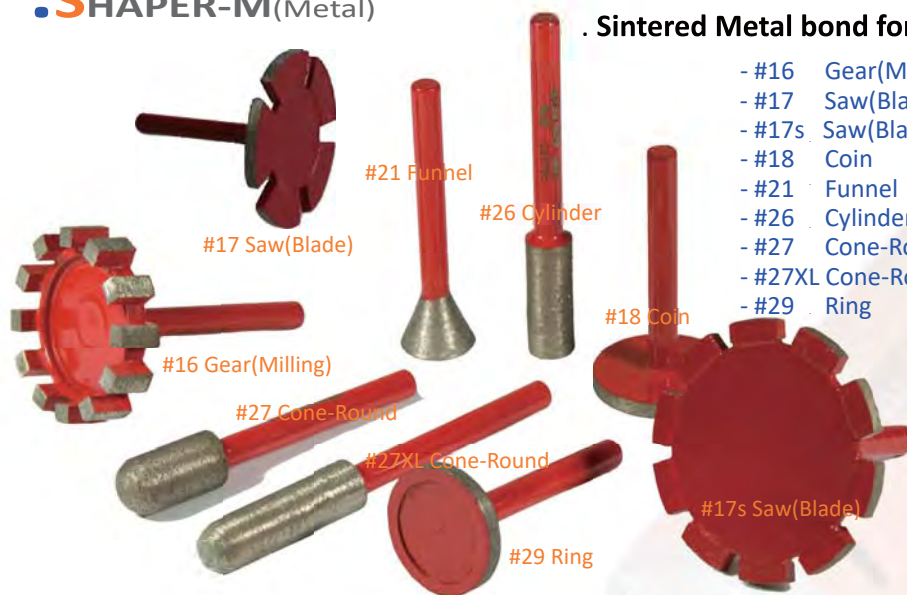
• ADAPTOR-CB FOR CORE BIT



- Central Waterfeed
- -M14F, -M16F, -5/8"-11F, -CB(1/2"Gas Adaptor)
- Fixing Pin

SHAPER-M(Metal)

. Sintered Metal bond for faster & lasting longer



- #16 Gear(Milling) - Ø40.0mm x T9.0mm
- #17 Saw(Blade) - Ø50.0mm x T4.0mm x 5N
- #17s Saw(Blade) - Ø50.0mm x T4.0mm x 10N
- #18 Coin - Ø30.0mm x T3.0mm
- #21 Funnel - Ø16.0mm x H12.0mm
- #26 Cylinder - Ø10.0mm x L25.0mm
- #27 Cone-Round - Ø12.0mm x L20.0mm
- #27XL Cone-Round - Ø10.0mm x L35.0mm
- #29 Ring - Ø25.0mm x T3.0mm

. Shaft: Ø6.0 or Ø6.3mm
. Wet or Dry



Mini-SHAPER(Metal)



- Cylinder : Ø6.0mm x H15.0mm
- Round : Ø6.0mm x H20.0mm
- Coin-1 : Ø12.0mm x H1.2mm
- Coin-2 : Ø15.0mm x H1.5mm
- Conical-1 : Ø15.0mm x H17.0mm
- Conical-2 : Ø8.0mm x H15.0mm

. Shaft: Ø3.0mm

SHAPER-EP(Electroplated)

. Electroplated for detail works



- Ball : Ø5.0 Ø10 Ø15 Ø19 Ø25mm
- Cylinder: Ø8.0/L20.0mm Ø17.0/L31.0mm
Ø20.0mm x L35.0mm
- Cone : Ø5.0/L10.0mm Ø15.0/L12.0mm
Ø25.0/L35.0mm
- Candle : Ø7.0mm/L17.0mm Ø10.0/L20.0mm
- Coin : Ø19.0/T2.0mm Ø25.0/T3.0mm
Ø62.5/T10.0mm

SHAPER-R(Resin)

. Resin bond for Polishing



- #26r Cylinder
- #27r Cone-Round

. Ø12.0mm x H20mm
. Shaft: Ø6.0 or Ø6.3mm
. Wet or Dry

SHAPER-E, -R(Horn Shaper)

Cone & Cylinder Shape in Electroplated & Resin bond for custom shape, tight corner or narrow area



- Horn-EP Cylinder
. Ø20mm x L40mm
- Horn-EP Cone
. 1"(Ø25mm) x L50mm
- Grit: #50, #100, #200
- Shaft: Ø10mm/L45mm
- Shaft: Ø6.0mm Available

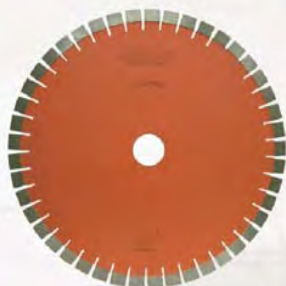


- Horn-Resin Cylinder
. Ø20mm x L40mm
- Horn-Resin Cone
. 1"(Ø25mm) x L50mm
- Grit: #50, #100, #200, #400
#800, #1500, #3000, DF
- Shaft: Ø10mm/L45mm
- Shaft: Ø6.0mm Available

For Stationary Machines

• SORiMU™-ICE (Multi Purpose / Silent)

- CNC **Multipurpose** cutting blade on **any of Granite, Marble & Engineered stone**.
- Cutting curves • No chips • Less Noise & Lower Ampere
- Advanced Self-Cooling Bond for Faster Cutting Speed & Lasting longer



SORiMU-ICE Bond

- 12" (Ø320mm) 14" (Ø360mm) 16" (Ø420mm)
- 18" (Ø460mm) 20" (Ø500mm) ~37" (Ø940mm)
- Thickness: W3.2 W3.5 W4.8 W6.0



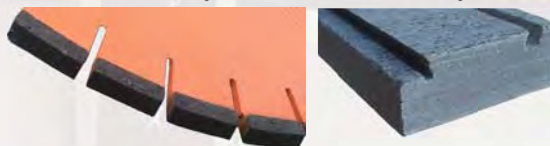
ICE Bond Tech.



Coolant holes on segment

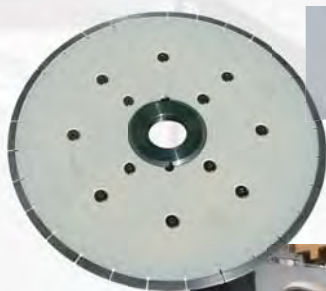
• SORiMU™-DOVE

For Dove-tail (Grooves for anchor)



- Notice: DS provides with special parameter as RPM & F/S by Peripheral Speed

• KeramiCUT for cutting porcelains in Miter or Straight.



- Special Bond & Structure designed for **Porcelains** as Dekton, Neolith, Lapitec, etc.
- Less chips or cracks.

• Miter & Straight Cut

- 8" (Ø200mm) 10" (Ø250mm)
- 12" (Ø300mm) 14" (Ø350mm)
- 16" (Ø400mm) 18" (Ø450mm)
- 20" (Ø500mm)
- Thickness: 3.0~3.2mm

• Flange-K

- Steady tension on core for miter cut
- Well-balanced
- Deviationless



• KeramiCUT-RS

Reinforced core

Thickness: 2.0~2.2mm



* YouTube "diaflx"

• Q-Cut for hard materials as Quartzite

- Very hard materials as Taj Mahal



- 14" (Ø350mm)
L20 x H20.0 x W3.5 x N36
- 16" (Ø400mm)
L20 x H20.0 x W3.5 x N42

• GROOVING SAW (CNC Purpose)

- Wide segment blades are ideal for cutting 5.0~10.0mm wide channels or grooves.



- 4" (Ø100), 5" (Ø125), 6" (Ø150), 7" (Ø180)
- 10" (Ø250), 12" (Ø300), 14" (Ø350mm)

• JiG SAW

- Length 110mm x T1.2mm
- Segment Specification L50.0 x H4.5 x W2.2



For Cutting Purpose / BLACKBiRD

.MULTI CUTTER

- . **2 in 1** / Cutting + Grinding Purposes in one
- . **No chips**
- . **M14, M16, 5/8"-11 Arbor in Aluminum**
- . **Dry/Wet**
- . **Granite, Marble or Engineered stone, Porcelains, etc.**



Multi Cutter-V(Vacuum)



Multi Cutter-E

- . 4.0" (Ø100mm) x T1.5mm x 3 Strips x #50 or #60
- . 4.5" (Ø110mm) x T1.5mm x 3 Strips x #50 or #60
- . 5.0" (Ø125mm) x T1.5mm x 3 Strips x #50 or #60
- . 7.0" (Ø180mm) x T1.5mm x 6 Strips x #50 or #60

.BLACKBiRD EP CUTTER

- . **Premium Quality for Cutting all kinds of marble faster without any chips**
- . **Dry/Wet**
- . **Arbor Size: Ø22.23mm (7/8"), Diamond Knock Out, others.**



- . 4.0" (Ø100mm) x T1.0mm x #50 or #60
- . 4.5" (Ø110mm) x T1.0mm x #50 or #60
- . 5.0" (Ø125mm) x T1.0mm x #50 or #60
- . 7.0" (Ø180mm) x T1.5mm x #50 or #60
- . 10" (Ø250mm) x T1.5mm x #50 or #60



.Vacuum Rim CUTTER

- . **Dry/Wet**
- . **Vacuum Bond**
- . **Aggressive & longlife**
- . **Premium Quality**
- . **M14, M16, 5/8"-11 Arbor in Aluminum**



- . 4.0" (Ø100mm) x T1.5mm
- . 4.5" (Ø110mm) x T1.5mm
- . 5.0" (Ø125mm) x T1.5mm

.EP RIM CUTTER



- . 4.0" (Ø100mm) 4.5" (Ø110mm)
- . 5.0" (Ø125mm) 6.0" (Ø150mm)
- . 7.0" (Ø180mm) 9.0" (Ø230mm)
- . 10.0" (Ø250mm)
- . Thickness: 1.5mm ~ 2.0mm

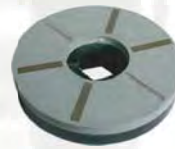
Grinding / Honing / Others

- SLAB Tooling** for Honing, Polishing (Stationary Radial Polishing machine as Park wizard)
 - . Any bigger diameter available
 - . Connection: Screw Type / Velcro Type

- Synthetic Metal Disc**



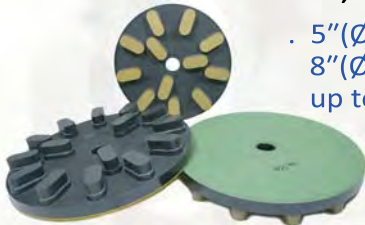
- . First designed to prevent crash of wheel at edge of stone.
- . Granite, Marble, Engineered stone, Terrazzo, Concrete
- . Synthetic Resin infill enhances performance
- . Wet
- . 5" (Ø125mm), 6" (Ø150mm), 8" (Ø200mm), 10" (Ø250mm), up to 20" (Ø500mm)
- . Grit: #30, #50, #100, #200, #400, #800



. Resin Disc 20" (Ø500mm)

- Resin Disc**

- . Granite, Marble, Engineered stone
- . Wet
- . 5" (Ø125mm), 6" (Ø150mm), 8" (Ø200mm), 10" (Ø250mm), up to 20" (Ø500mm)
- . Grit: #100, #200, #400, #800, #1500, #3000, #6500



- Buff Disc**

- . Final stage for Mirror shine
- . 8" (Ø200mm), 10" (Ø250mm)
- . Color: Black/White
- . Spray a little water & rubbing



- Resin Darter**



- . Swirl Pattern mathematically designed for even wear & prevention of edge breakage
- . Speedy Polishing
- . 8" (Ø200mm), 10" (Ø250mm)
- . Hook & Loop Attachment
- . Grit: #100, #200, #400, #800, #1500, #3000, #6500

- GLAZER**

- . Faster & Super Finish
- . New Designed bond + Pattern
- . Granite, Marble, Engineered stone
- . 6 fragments combined by Velcro(H&L)
- . Wet
- . 8" (Ø200mm), 10" (Ø250mm)
- . Hook & Loop Attachment
- . Grit: #100, #200, #400, #800, #1500, #3000, #6500



- H-Grinder**



- . For Planetary Stone Table Polishing Machine
- . Floor Grinding/Honing
- . Wet
- . 4" (Ø100mm), 5" (Ø125mm)
- . Grit: #50, #60, #80, #100, #200, #400



- SYNTHETIC WHEEL - CW** (Ceramic ware)

- . Cleaning glaze on ceramic ware



- Adaptor-DSC**



- . Adaptor-DSCV (with Hook (Velcro))
- . Adaptor-DSCS (with Screw)
- . 5" (Ø125mm), 6" (Ø150mm), 8" (Ø200mm), 10" (Ø250mm)

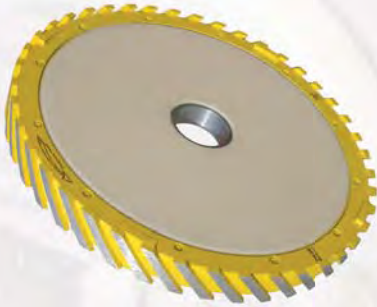
- . Stud-PW for Park Wizard Radial Polishing machine



Slab Processing / Calibrating / Polishing

Calibrating/ Stone, Concrete

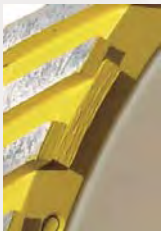
• T-MAKER (Milling Wheel)



- Milling Slabs or Leveling concrete tables
- Designed for exhusing sludge in easy
- Internal **Lightweight Acrylic core** can be **reusable** for 3~5 times
- Up to 35" (Ø890mm)
- Milling Width: **1" (25mm)** , **1 1/8" (30mm)** , **1 1/2" (40mm)** , **2" (50mm)**
- Two Types: Premium / Professional
- Side Protection Segments
- Parameter:
 - ex) 14" (Ø350mm): RPM1465
 - F/S1500mm/min
 - Milling Depth 10~15mm/Pass
 - Life: 2.1~2.5m³



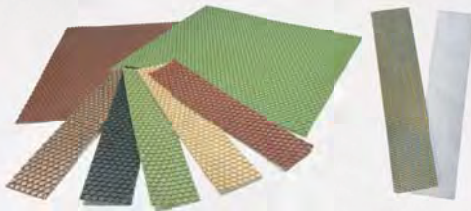
- 14" (Ø350mm) x L12 x T7.0 x N36 x W 1" (25mm) , 1 1/8" (30mm) , 1 1/2" (40mm) , 2" (50mm)
- 16" (Ø400mm) x L12 x T7.0 x N42 x W 1" (25mm) , 1 1/8" (30mm) , 1 1/2" (40mm) , 2" (50mm)
- 18" (Ø450mm) x L12 x T7.0 x N46 x W 1" (25mm) , 1 1/8" (30mm) , 1 1/2" (40mm) , 2" (50mm)
- 20" (Ø500mm) x L12 x T7.0 x N52 x W 1" (25mm) , 1 1/8" (30mm) , 1 1/2" (40mm) , 2" (50mm)



Professional Type



• DiAFLX-STRIP



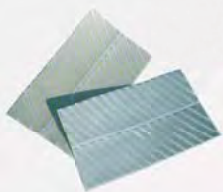
- **SUPER Flexible Strips for swathing around cylinder**
- **Granite, Marble, Engineered stone** • **Wet**

- 200mm x 300mm / 200mm x 40mm / 300mm x 40mm
- Copper: #50 #100 #200
- Resin : #100, #200, #400, #800, #1500, #3000, #6500, DF



• Squeeze Pad

- **Super Flexible Thin Sheet** • **Special Urethan Bond**



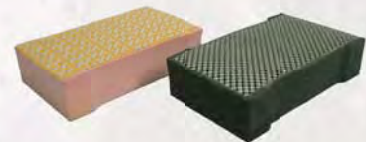
SF-R



SF-R



SF-C



SF-Hand Pad

• X-POWDER



- **Create natural Mirrorlike finish on stone**
- **Sprinkling with water & rubbing with DF or Wool Buff**
- **Granite, Marble, Engineered stone**

- Black / White
- 250g/Bottle

- **Wool Buff**
- 4" (Ø100mm)
- M14 M16 5/8"-11



Floor Restoration Tools

CNC Tools

Linear Edge Tools

Handheld Tools

Cutting Tools

Slab processing

Floor Restoration

For Floor Maintenance or Restoration

• FLOOR DiSC For maintenance or restoration of stone floors as Granite, Marble, Terrazzo.

• DiAFLX-MR (Metal Floor Disc)

- Fast Lippage & Stain Removal on floor
- Grit: #30, #50, #100, #200 . Hook & Loop . RPM: Less 3000
- 3.5" (Ø90mm), 4" (Ø100mm) x T7.0mm . Synthetic infill to prevent from chips & for smooth honing



- DiAFLX- MR



- DiAFLX- MRS



- DiAFLX- MM



- DiAFLX- M100

• DiAFLX-RR (Resin Floor Disc)

- High gloss finish / Deep & Natural color
- Granite, Marble, Terrazzo, Concrete
- Grit: #50, #100, #200, #400, #800, #1500, #3000, DF
- Hook & Loop
- 3.5" (Ø90mm), 4" (Ø100mm) x T5.0mm
- Major Floor Pad with 5mm rubber on rigid plate



- DiAFLX- RR



- DiAFLX- RN



- ConQuer



- Major Floor Pad

• Sponge Pad for maintenance of Marble Floor



- 17" (Ø430mm)
- #1 #2 #3
- Maintenance
- Fast & Clear color



• Fickert / (Frankfurt)

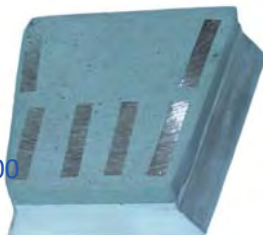


• Frank-SC

- New Epoxy Bond
- Any materials as Natural stone, Engineered stone, etc.
- #50 ~ #3000
- Thickness: 50mm

• Frankfurt-WMS

- Metal Bond
- Stone, Concrete
- #50, #100, #200, #400



• Frankfurt-WRS

- Resin Bond
- Stone, Concrete
- #50 ~ #3000

• FAN FLOOR DISC

(CASANI PATTERN) FOR Heavy weight floor machine.

- High gross finish
- Deep & Natural color
- Grit: #60, #120, #220, #400, #600 #800, #1500, #3000, DF
- Hook & Loop



- L1-13.5mm x L2-12.0mm x T 5.0mm
- Marble, Terrazzo, Granite
- Non Pigment bond
- Different colored ABS Support on each grits

.PCD Epoxy REMOVER For eliminating stain or epoxy on concrete floor.

. PCD Wheel

. Eliminating epoxy surface or stain on concrete

- . 4" (Ø100mm) x N10 . 5" (Ø125mm) x N12 . 7" (Ø180mm) x N18
- . Arbor: $\frac{7}{8}$ " (Ø22.23), $\frac{5}{8}$ "-11, M14, M16



. PCD MONSTER (PCD+GMB)

. Fast cooling by vane system

. Removal depth adjustable by GMB grain base

- . 4" (Ø100mm) x N10 . 5" (Ø125mm) x N12 . 7" (Ø180mm) x N18
- . Arbor: $\frac{7}{8}$ " (Ø22.23), $\frac{5}{8}$ "-11, M14, M16



.FLATTER For AGGRESSIVE STOCK REMOVAL & LEVELING



- . 5" (Ø125mm) x N8
- . 7" (Ø180mm) x N10
- . Grit: Coarse Medium Fine
- . Arbor: $\frac{7}{8}$ " (Ø22.23) $\frac{5}{8}$ "-11 M14 M16

. Flatter-W

. Flatter-K

.CONCRETE FLOOR PURPOSE

. Concrete GRINDING Purpose



. ConPRO-M

. 3 different formulas by different concrete hardnesses

- . Hard(Red) : #16 - #30 - #60 - #140
- . Medium(Blue): #30 - #60 - #140
- . Soft(Black) : #30 - #60 - #140

. Concrete POLISHING Purpose

. Provided for Heavy or Light Concrete Floor Machines

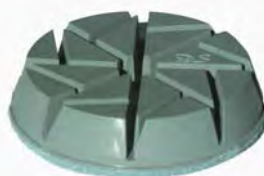
. **White Bond** Available . Fast work & Save working costs

. Concrete, Stone, Terrazzo, etc. . #50 #100 #200 #400 #800 #1500 #3000 Shiner



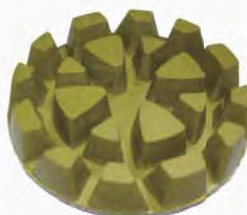
. ConPOL-P

- 3" (Ø75) x H12.0mm
- 4" (Ø100) x H12.0mm



. ConPOL-T

- 3" (Ø75) x H10.0mm



. ConPOL-F

- Ø60mm x H10.0mm



. ConPOL-C

- 3" (Ø75) x H5.0mm
- 4" (Ø100) x H5.0mm
- with 2mm Rubber between in



. ConPOL-R

- Ø60mm x H8.0mm

For Concrete

. CONCRETE FLOOR PURPOSE

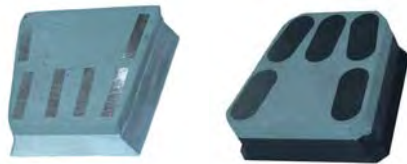
- . **Conquer** for quick concrete grinding and polishing.



- . 4" (Ø100mm) x T5.0mm
- . H&L or QCS(Quick Change System)
- . Dry/Wet
- . Metal: #50 #100 #200
- . Resin : #1 #2 #3 #4 #5 #5+ SS

. Special Tools For Concrete Stationary machines

. Frankfurter-W



For Concrete, Granite, Marble, Terrazzo, etc.

- Frankfurter-WMS

- . Frankfurt Shoe / Thickness: 10.0mm
- . Grit: #50 #100 #200 #400

- Frankfurter-WRS

- . Frankfurt Shoe / Thickness: 15.0mm
- . Grit: #50 #100 #200 #400 #800 #1500 #3000

. Frankfurter-T



L1 260.0mm x L2 225.0mm x W95.0mm x N12
(Ø600mm(24") ~ Ø1000mm(40") Circle)

- Frankfurter-T

- . Grit: POS1 POS2 POS3

- Frankfurter-TS (Synthetic Resin Infill)

- . Grit: POS4 POS5 POS6 POS7 POS8
- . Wet use

. Frankfurter-TS



. Frankfurter-D



L1 190.0mm x L2 160.0mm x W56.0mm x N13
(Ø600mm(24") ~ Ø1000mm(40") Circle)

- . Grit: POS1 POS2 POS3

- . Dry use

. Frankfurter-A



L1 286.0mm x L2 260.0mm x W41.0mm x N13
(Ø600mm(24") ~ Ø1000mm(40") Circle)

- . Grit: POS1 POS2 POS3

- . Dry / Wet use

. Frankfurter-DT



L1 216.0mm x L2 192.0mm x W43.0mm x N7
(Ø600mm(24") ~ Ø1000mm(40") Circle)

- . Grit: POS1 POS2 POS3

- . Dry use

. Frankfurter-DA



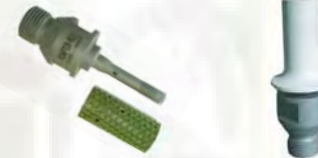
L1 196.0mm x L2 160.0mm x W59.0mm x N8
(Ø600mm(24") ~ Ø1000mm(40") Circle)

- . Grit: POS1 POS2 POS3

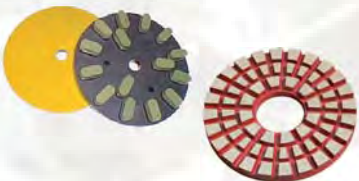
- . Dry / Wet use

The way How to Fabricate kitchen or counter tops by DS Tools

HOW to fabricate Kitchen or Counter Tops

Article	Core Drill	CNC Cut	Finger Bit		DiAFLX-Mini Cylinder					
Order 1	1	2	SKIP	3	4	5	6	7	8	9
Order 2	1	SKIP	2	3	4	5	6	7	8	9
Photo										
Purpose	Boring	Cutting		Dressing	Honing	Polishing & Shinning				
Diameter	ø35	ø190	ø20	ø35	ø20, ø38					
Bond	Metal	Metal	Electroplated		Electroplated	Resin				
Grit/ Type					#100	#200	#400	#800	#1500	#3000 or DF
RPM	3000r/m	3350r/m	5700r/m	5900r/m	8500r/m	6000r/m				
F/S	140mm/m	690mm/m	300mm/m	800mm/m	1070mm/m	1500mm/m				
Remarks										

Slab Processing

Article	Synthetic Metal Disc					Resin Disc / Resin Glazer					Buff disc	Remarks
Grit/ Type	#30	#50	#100	#200	#400	#200	#400	#800	#1500	#3000	Buff	
Gloss	0	2	5	10	15	25	35	50	65	80	95	
A Usage	1	2	3			4	5	6	7	8	9	Hard Granite
B Usage		1	2				3	4	5		6	Granite Engineered stone
Photo												Screw or Hook/Loop (Velcro) Attachment
Purpose	Removing deep scratches / Honing					Polishing					Shinning	
Diameter						10" (Ø250mm)						
Bond	Metal					Resin / Epoxy					Wool / X-Powder	
RPM						800~1200 r/m						
Pressure						1~3Kg/Cm ²						
USE	Wet					Spray little water						

SORiMU(Blades) Parameter

Blade Peripheral Speed (m/sec)						
P/S	32	35	40	45	50	55
DS Bond		M6, M7	M4-1	ICE		
Ø mm						
200(8")	2865	3342	3820	4297	4775	5252
250(10")	2292	2674	3056	3438	3820	4202
320(12")	1910	2228	2547	2865	3183	3502
360(14")	1637	1910	2183	2456	2728	3001
420(16")	1432	1671	1910	2149	2387	2626
460(18")	1273	1485	1698	1910	2122	2334
520(20")	1146	1337	1528	1719	1910	2101
560(22")	1042	1215	1389	1563	1736	1910
640(24")	955	1114	1273	1432	1592	1751
650(26")	881	1028	1175	1322	1469	1616
700(28")	819	955	1091	1228	1364	1501
750(30")	764	891	1019	1146	1273	1401
800(32")	716	836	955	1074	1194	1313
900(34")	637	743	849	955	1061	1167

Recommended peripheral speeds		
Soft Granite	25 - 32 m/s	Containing large quartz
Hard Granite	32 - 45 m/s	Containing little quartz
Marble	45 - 50 m/s	
Travertine	50 - 60 m/s	
Feeding Speed	3000mm/min	Cutting depth 20~40mm/pass

Instructions for use			
1)	Install the blade on a clean shaft that is in good mechanical condition, follow the direction of rotation marked by the arrow.		
2)	Use correct size flange and secure blade properly.		
3)	Always use original blade guard		
4)	Regularly check water for cooling.		
5)	Maintain a safe distance during blade operation.		
6)	Follow the recommended peripheral speeds		
7)	Enter the cut slowly and then gradually increase speed.		
8)	Do not force the blade into the cut: avoid excessive stress that could cause the blade to stop while cutting or cause it to overheat.		
9)	Always wear protective clothes (goggles, Safety hat, gloves, apron, boots)		

Fabrication of Kitchen Top

Bowl ①

Cutting : Page No. 4, 5, 6
Grinding : Page No. 7
Polishing : Page No. 8

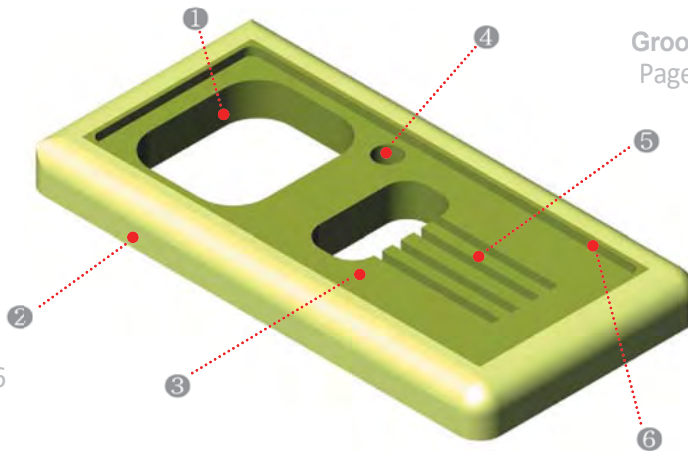


④ Drilling : Page No. 10



Edge ②

Cutting : Page No. 4, 5, 6
Grinding : Page No. 7
Polishing : Page No. 8, 9
Profiling : Page No. 12, 13



Grooving ⑤—
Page No. 16



⑥ Angled Brim
Forming : Page No. 15
Polishing : Page No. 15

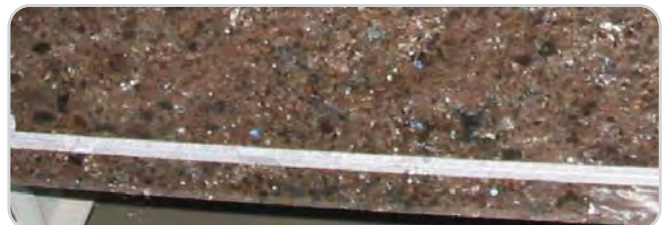
Drain Board ③

Forming : Page No. 14
Grinding : Page No. 14, 15
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Slab Surface

Calibrating : Page No. 28, 29
Honing : Page No. 28
Polishing : Page No. 28



Cutting Slab / Rod - Bar

Cutting : Page No. 25



Sink

Forming / Honing / Polishing
: Page No. 11

Solutions here for fabricating the highest Quality of Stone Kitchen Top

Participation in Stone fairs over the world



Piedra, Madrid, Spain



Cevisama, Spain



Marmomacc, Verona, Italy



Stone+Tec, Nuremberg, Germany



Stonexpo, USA



DS Family

Precautions

All users of DS products are kindly requested...

1. According to items, to choose & follow the appropriate tech notes on this book.
The tech notes include the Parameter like RPM, Pressure, Treatment and so forth.
 2. Always to wear personal safety equipments like Safety Gloves, Eye-protection Glasses.
 3. Especially, DRY application, strongly to wear Safety Cover, Dustproof Mask & Eye-Protection Glasses.
 4. Always to follow the safety information from manufacturers of machines which you own.
- Please be sure all DS products are for Wet application, without separate notice for Dry application.

diaflx.com

Welcome to DS Team

Consumable Diamond Tools
for CNC, NC

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Consumable CNC/ NC Diamond Tools for stone, concrete, engineered stone