

+ Italian quality  
**POLISHERS**  
and  
**ABRASIVES** +



**REDDISH STONE**

ITALIA

CATALOGUE



# MANFREDI

In Lab with Excellence since 1934



**REDDISH STONE**

ITALIA

The Manfredi brand has been the backbone of Made in Italy laboratory equipment manufacturing since 1934. Reddish Stone is one of the worldwide leading companies for the production of silicone and elastomer-bound abrasives, polishers and fiberglass cutters, based on proprietary formulas since 1968.

Manfredi and Reddish Stone joined forces in 2014, putting together 85 years of manufacturing experience and becoming the ideal one-stop provider, capable of satisfying all the needs of a hi-tech laboratory. The incessant research and adoption of new technologies delivers a complete range of machines: from casting to laser welding to the latest 5 axis digital CAD/CAM system, and all the finishing products related.

**The Manfredi and Reddish Stone brands are synonyms of excellence and reliability all over the world.**

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Silicone abrasives for gold, precious metals, resins, composites and acrylics	Rubber abrasives for nickel/chrome alloys and soft metal
<b>EXECUTIVE</b> <span style="float: right;"><b>4</b></span>	<b>SLIM</b> <span style="float: right;"><b>16</b></span>
Silicone mounted points for gold, precious metals, resins, composites and acrylics	Flexible separating discs
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Silicone abrasive for platinum, titanium and tough metals	Rigid separating discs, cutting discs and grinding wheels
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# UNIVERSAL

TIPS +

After using the products of this group it's possible to polish the surface with pink GOLD FLASH products on page 7

**Flexible abrasives of this family are bound with silicone and they are particularly suitable for a finishing touch of materials such as a gold, precious metals in general, resins, composites and acrylics.** This group includes with different grits and binder used in manufacturing gives to these abrasives the property of minimal consumption and a low temperature by working.

## + Light Grey

Coarse grit for hard reducing



### Wheels

Max Speed 20000 rpm

**R43S1D**  
Ø 22x1,5mm

**R46S1D**  
Ø 22x3mm

**R4ES1D**  
Ø 22x4mm

**R33S1D**  
Ø 16x1,5mm

**R36S1D**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P1D**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1D**  
Ø 22x3,7mm

**L31S1D**  
Ø 16x3mm

## + White

Coarse grit, flexible for hard reducing



### Wheels

Max Speed 20000 rpm

**R43SDB**  
Ø 22x1,5mm

**R46SDB**  
Ø 22x3mm

**R4ESDB**  
Ø 22x4mm

**R33SDB**  
Ø 16x1,5mm

**R36SDB**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12U1D**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41SDB**  
Ø 22x3,7mm

**L31SDB**  
Ø 16x3mm



### Cup

Max Speed 15000 rpm

**K21P2B**  
Ø 12x9mm



## + Grey

Standard grit for smoothing



### Wheels

Max Speed 20000 rpm

**R43S1U**

Ø 22x1,5mm

**R46S1U**

Ø 22x3mm

**R4ES1U**

Ø 22x4mm

**R33S1U**

Ø 16x1,5mm

**R36S1U**

Ø 16x3mm

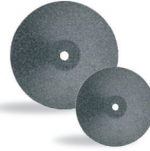


### Cylinder

Max Speed 15000 rpm

**C12P1U**

Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1U**

Ø 22x3,7mm

**L31S1U**

Ø 16x3mm



### Cup

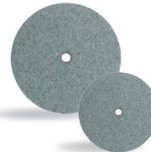
Max Speed 15000 rpm

**K21P1U**

Ø 12x9mm

## + Light Green

Fine grit for finishing



### Wheels

Max Speed 20000 rpm

**R43S1F**

Ø 22x1,5mm

**R46S1F**

Ø 22x3mm

**R4ES1F**

Ø 22x4mm

**R33S1F**

Ø 16x1,5mm

**R36S1F**

Ø 16x3mm

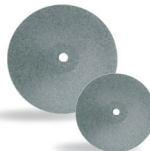


### Cylinder

Max Speed 15000 rpm

**C12P1F**

Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1F**

Ø 22x3,7mm

**L31S1F**

Ø 16x3mm

## + White

Standard and flexible grit for smoothing



### Wheels

Max Speed 20000 rpm

**R43S1B**

Ø 22x1,5mm

**R46S1B**

Ø 22x3mm

**R4ES1B**

Ø 22x4mm

**R33S1B**

Ø 16x1,5mm

**R36S1B**

Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P2B**

Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1B**

Ø 22x3,7mm

**L31S1B**

Ø 16x3mm

# EXECUTIVE

Mounted points with silicone for precious alloys, gold amalgam and resin working. Products of this group are proposed in four different shapes mounted on standard cylindrical shank type 2 (ISO 1797)  $\varnothing$  2,35 mm and five different shapes mounted on standard conrtriangle type 1 (ISO 1797)  $\varnothing$  2,35 mm.

+ Grey

HP RA

Standard for smoothing

Max Speed 20000 rpm



Flame

F27U1U -  $\varnothing$  5x16mm



Cup

I27U1U -  $\varnothing$  6,8X9,6mm



Wheel

P27U1U -  $\varnothing$  11,6X2mm



Knife Edge

E27U1U -  $\varnothing$  10,8X3,1mm

+ Brown

HP RA

Fine grit for finishing

Max Speed 20000 rpm



Flame

F27U1M -  $\varnothing$  5x16mm



Cup

I27U1M -  $\varnothing$  6,8X9,6mm



Wheel

P27U1M -  $\varnothing$  11,6X2mm



Knife Edge

E27U1M -  $\varnothing$  10,8X3,1mm

+ Green

HP RA

Fine grit for high shining

Max Speed 20000 rpm



Flame

F27U1V -  $\varnothing$  5x16mm



Cup

I27U1V -  $\varnothing$  6,8X9,6mm



Wheel

P27U1V -  $\varnothing$  11,6X2mm



Knife Edge

E27U1V -  $\varnothing$  10,8X3,1mm

+ Pink

HP

RA

Fine grit for high shining

Max Speed 20000 rpm



Flame

F27U1L - Ø 5x16mm



Cup

I27U1L - Ø 6,8X9,6mm



Wheel

P27U1L - Ø 11,6X2mm



Knife Edge

E27U1L - Ø 10,8X3,1mm

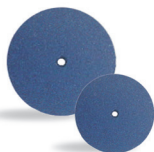


After using the products of this group the surface can be polished with green GOLD FLASH on page 7  
 For platinum and titanium polishing we suggest a special line: light blue GOLD FLASH on page 7

**Thanks to an exclusive formula, UNINOBIL products, make the treated surface perfectly even.** Silicone used in these products offers a very low temperature by working too. Abrasives of this family are particularly suitable in the jewellery field for platinum, titanium and tough metals working. They are particularly suitable to work with palladium alloys and noble alloys used in dental market.

## + Blue

Coarse grit for hard reducing



### Wheels

Max Speed 20000 rpm

**R43S1A**  
Ø 22x1,5mm

**R46S1A**  
Ø 22x3mm

**R4ES1A**  
Ø 22x4mm

**R33S1A**  
Ø 16x1,5mm

**R36S1A**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P2A**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1A**  
Ø 22x3,7mm

**L31S1A**  
Ø 16x3mm

## + Red

Standard grit for smoothing



### Wheels

Max Speed 20000 rpm

**R43SBU**  
Ø 22x1,5mm

**R46SBU**  
Ø 22x3mm

**R4ESBU**  
Ø 22x4mm

**R33SBU**  
Ø 16x1,5mm

**R36SBU**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12PBU**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41SBU**  
Ø 22x3,7mm

**L31SBU**  
Ø 16x3mm

# GOLD FLASH

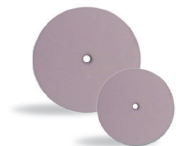
**GOLD FLASH family includes abrasives products studied for high shining.** In GOLD FLASH formulas we use precious raw materials to give to these abrasives high mechanical quality and a long life. GOLD FLASH is divided in several lines in order to satisfy a high level of polishing for a wide range of materials.

## + Pink

Extrafine grit for high shining

### TIPS +

GOLDFLASH pink line is indicated for high shining after using UNIVESAL products.



#### Wheels

Max Speed 20000 rpm

**R43S1L**

Ø 22x1,5mm

**R46S1L**

Ø 22x3mm

**R4ES1L**

Ø 22x4mm

**R33S1L**

Ø 16x1,5mm

**R36S1L**

Ø 16x3mm



#### Cylinder

Max Speed 15000 rpm

**C12P1L**

Ø 6x23mm



#### Knife Edge

Max Speed 20000 rpm

**L41S2L**

Ø 22x3,7mm

**L31S2L**

Ø 16x3mm

## + Light Blue

Extrafine grit for high shining platinum, titanium and tough metals

### TIPS +

GOLDFLASH light blue line is indicated for high shining after using UNINOBIL products.



#### Wheels

Max Speed 20000 rpm

**R43S6L**

Ø 22x1,5mm

**R46S6L**

Ø 22x3mm

**R4ES6L**

Ø 22x4mm

**R33S6L**

Ø 16x1,5mm

**R36S6L**

Ø 16x3mm



#### Cylinder

Max Speed 15000 rpm

**C12P6L**

Ø 6x23mm



#### Knife Edge

Max Speed 20000 rpm

**L41S6L**

Ø 22x3,7mm

**L31S6L**

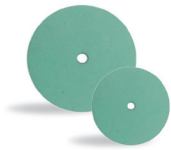
Ø 16x3mm

## + Green

Extrafine grit for high shining palladium alloys and noble alloys

### TIPS +

GOLDFLASH green line is indicated for high shining after using UNINOBIL products



#### Wheels

Max Speed 20000 rpm

**R43S1V**

Ø 22x1,5mm

**R46S1V**

Ø 22x3mm

**R4ES1V**

Ø 22x4mm

**R33S1V**

Ø 16x1,5mm

**R36S1V**

Ø 16x3mm



#### Cylinder

Max Speed 15000 rpm

**C12P1V**

Ø 6x23mm



#### Knife Edge

Max Speed 20000 rpm

**L41S1V**

Ø 22x3,7mm

**L31S1V**

Ø 16x3mm

## + Light Grey

Extrafine grit for high shining gold, precious metals, resins, composites and acrylics

### TIPS +

GOLDFLASH light grey is indicated for high shining after using UNIVERSAL products



#### Wheels

Max Speed 20000 rpm

**R43S5L**

Ø 22x1,5mm

**R46S5L**

Ø 22x3mm

**R4ES5L**

Ø 22x4mm

**R33S5L**

Ø 16x1,5mm

**R36S5L**

Ø 16x3mm



#### Cylinder

Max Speed 15000 rpm

**C12P5L**

Ø 6x23mm



#### Knife Edge

Max Speed 20000 rpm

**L41S5L**

Ø 22x3,7mm

**L31S5L**

Ø 16x3mm

## + Light Yellow

Extrafine grit for high shining

### TIPS +

GOLDFLASH light yellow line is indicated for high shining precious alloys.



#### Wheels

Max Speed 20000 rpm

**R43SPG**

Ø 22x1,5mm

**R46SPG**

Ø 22x3mm

**R4ESPG**

Ø 22x4mm

**R33SPG**

Ø 16x1,5mm

**R36SPG**

Ø 16x3mm



#### Knife Edge

Max Speed 20000 rpm

**L41SPG**

Ø 22x3,7mm

**L31SPG**

Ø 16x3mm

# JUMBO

Silicone mounted points for works acrylics and resin surfaces in general. Products of JUMBO family are proposed in six different shapes, mounted on standard cylindrical shank type 2 (ISO 1797) Ø 2,35 mm, to solve any problem of work on surface where is necessary to operate with different cutting angles. Used with variable speed, JUMBO points can assure you the best output with a good grip.

## + Grey - Shank type 2



Standard grit for smoothing acrylics and resins

Max Speed 6000 rpm



Ogival

W11P3D  
Ø11X19mm



Pear

W21P3D  
Ø2X18,5mm



Round ogival

W41P3D  
Ø16X18mm



Backhand  
cone

W51P3D  
Ø16X20mm



Flame

W61P3D  
Ø9X27mm



Cylinder

W71P3D  
Ø9x20mm

## + Light Grey - Shank type 2



Extrafine grit for high shining acrylics and resins

Max Speed 6000 rpm



Ogiva

W11U6L  
Ø 11x19mm



Pera

W21U6L  
Ø 2X18,5mm

# UNIRESIN

Flexible abrasives of this family are bound with special silicone and they are appropriately studied to work with light curing resines used in dental field. Products included in UNIRESIN family are proposed in several shapes to solve all kind of applications. Unmounted Wheels in five sizes, Unmounted Knife Edge Wheels in two sizes. Unmounted Cylinder, four different shapes mounted on standard cylindrical shank type 2 (ISO 1797) Ø 2,35 mm and five different shapes mounted on standard contrangle type 1 (ISO 1797) Ø 2,35 mm. The type of silicone used enables the UNIRESIN abrasive to work by low temperature.

## + Light Grey

Medium grit for smoothing



### Wheels

Max Speed 20000 rpm

**R43S1C**  
Ø 22x1,5mm

**R46S1C**  
Ø 22x3mm

**R4ES1C**  
Ø 22x4mm

**R33S1C**  
Ø 16x1,5mm

**R36S1C**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P1C**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1C**  
Ø 22x3,7mm

**L31S1C**  
Ø 16x3mm

## + Yellow



Fine grit for high shining

Max Speed 6.000 rpm



**Flame**

**F27U3G** - Ø 5x16mm



**Cup**

**I27U3G** - Ø 6,8X9,6mm



**Wheel**

**P27U3G** - Ø11,6x23mm



**Knife Edge**

**E27U3G** - Ø 10,8X3,1mm



# NEO

NEO family includes abrasives bounded with special synthetic rubber that gives these products high efficiency. Special formula makes them compatible with many applications but in dental field they are particularly suitable to work with Chrome/cobalt alloys, and alloys for ceramics and in jewellery field they are particularly suitable to work with noble metals such as gold and silver. Products included in NEO family are proposed in several shapes to solve all kind of applications: unmounted wheels of five sizes, unmounted knife edge wheel, unmounted cylinder, four different shapes mounted on standard cylindrical shank type 2 (ISO 1797)  $\varnothing$  2,35 mm.

## + Brown

Coarse grit for finishing



### Wheels

Max Speed 20000 rpm

R43C2B

$\varnothing$  22x1,5mm

R46C4B

$\varnothing$  22x3mm

R4EC4B

$\varnothing$  22x4mm

R33C2B

$\varnothing$  16x1,5mm

R36C4B

$\varnothing$  16x3mm

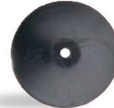


### Cylinder

Max Speed 15000 rpm

C12C6B

$\varnothing$  6x23mm



### Knife Edge

Max Speed 20000 rpm

L41C8B

$\varnothing$  22x3,7mm

## + Brown

HP

Coarse grit for finishing

Max Speed 6000 rpm



### Flama

F37C7B

$\varnothing$  5x16mm



### Ogival

W11C7B

$\varnothing$  11x19mm



### Pear

W61C7B

$\varnothing$  9x27mm



### Round ogival

W71C7B

$\varnothing$  9x20mm

# INTERTHIN

INTERTHIN family includes abrasives bounded with special natural rubber, very suitable to work gold but also used with good results with alloys acrylics and ceramic. INTERTHIN wheels are proposed in different diameters with a thickness of 1 mm and 0,25 mm to help you working in small spaces.

## + Brown

Medium grit for finishing



### Wheels

Max Speed 20000 rpm

R40N4C

Ø 22x0,25mm

R42N3C

Ø 22x1mm

R30N4C

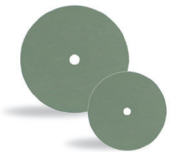
Ø 16X0,25mm

R32N3C

Ø 16x1mm

## + Green

Fine grit for high shining



### Wheels

Max Speed 20000 rpm

R40N3N

Ø 22x0,25mm

R42N3N

Ø 22x1mm

R30N3N

Ø 16X0,25mm

R32N3N

Ø 16x1mm



# CEPOLINE CEPOLINE SG

TIPS +

To work in small spaces we suggest mounted points of CEPOLINE SG group. Also this family is divided in first, second and third step relating to the CEPOLINE family's lines.

**CEPOLINE family includes abrasives for the complete ceramics working in dental laboratories.** In the formula used to manufacture these products there are anti pollution components that let worked part free from impurity. In CEPOLINE family there are three different product lines: one for the first step (smoothing), another one for second step (prelustre) and the last one for third step (polishing). Jewellery fields particularly appreciates white products of CEPOLINE first step to finish platinum and titanium.

+ White

1° Coarse grit



### Wheels

Max Speed 20000 rpm

**R43S1K**  
Ø 22x1,5mm

**R46S1K**  
Ø 22x3mm

**R4ES1K**  
Ø 22x4mm

**R33S1K**  
Ø 16x1,5mm

**R36S1K**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P1K**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S1K**  
Ø 22x3,7mm

**L31S1K**  
Ø 16x3mm

HP RA

1° Coarse grit

Max Speed 20000 rpm



**Flame**

**F27U1K** - Ø 5x16mm



**Cup**

**I27U1K** - Ø 6,8X9,6mm



**Wheel**

**P27U1K** - Ø11,6x2mm

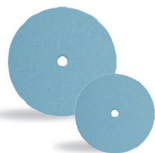


**Knife Edge**

**E27U1K** - Ø 10,8X3,1mm

## Light Blue

2° Medium grit prelustre



### Wheels

Max Speed 20000 rpm

**R43S2K**  
Ø 22x1,5mm

**R46S2K**  
Ø 22x3mm

**R4ES2K**  
Ø 22x4mm

**R33S2K**  
Ø 16x1,5mm

**R36S2K**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P2K**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S2K**  
Ø 22x3,7mm

**L31S2K**  
Ø 16x3mm

**HP RA**

2° Medium grit prelustre

Max Speed 20000 rpm



**Flame**

**F27U2K** - Ø 5x16mm



**Cup**

**I27U2K** - Ø 6,8X9,6mm



**Wheel**

**P27U2K** - Ø11,6x2mm



**Knife Edge**

**E27U2K** - Ø 10,8X3,1mm

## Grey

3° Extrafine for polishing



### Wheels

Max Speed 20000 rpm

**R43S3K**  
Ø 22x1,5mm

**R46S3K**  
Ø 22x3mm

**R4ES3K**  
Ø 22x4mm

**R33S3K**  
Ø 16x1,5mm

**R36S3K**  
Ø 16x3mm



### Cylinder

Max Speed 15000 rpm

**C12P3K**  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

**L41S3K**  
Ø 22x3,7mm

**L31S3K**  
Ø 16x3mm

**HP RA**

3° Extrafine for polishing

Max Speed 20000 rpm



**Flame**

**F27U3K** - Ø 5x16mm



**Cup**

**I27U3K** - Ø 6,8X9,6mm



**Wheel**

**P27U3K** - Ø11,6x2mm



**Knife Edge**

**E27U3K** - Ø 10,8X3,1mm

# MINIPUNTE

## TIPS +

MINIPUNTE products can be used with MPM000 mandrel on page 24

**MINIPUNTE group includes abrasives with a diameter of 3 mm and 24 mm lenght.** These sizes make working on very difficult surface possible. There are 3 different grits and 5 different colours. These products are indicated for a very large range of applications: from alloys to ceramic.

Max Speed 15000 rpm



**White**

N11UJW - Ø 3x24mm

Coarse for reducing ceramic



**Black**

N11CMD - Ø 3x24mm

Coarse for reducing



**Brown**

N11CMM - Ø 3x24mm

Medium for smoothing



**Green**

N11CMV - Ø 3x24mm

Extrafine for high shine



**Pink**

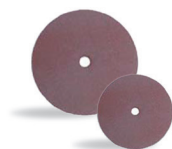
N11PVL - Ø 3x24mm

Extrafine for high shine

# SKELL

**Abrasive of this family are bounded with rubber and abrasive component is silicon carbide.** SKELL products are used in dental field especially to work on chrome/cobalt alloys and in the jewellery field to work specially on precious alloys, silver and gold. These abrasives are proposed in frits for different grits for different applications: from hard scratch removal to high shining.

## + Red



### Wheels

Max Speed 20000 rpm

R46N1C  
Ø 22x3mm

R33N1C  
Ø 16x1,5mm



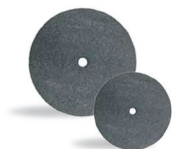
### Cylinder

Max Speed 15000 rpm

C12B1C  
Ø 6x23mm

Extra coarse grit for hard scratches removal

## + Black



### Wheels

Max Speed 20000 rpm

R46N1D  
Ø 22x3mm

R33N1D  
Ø 16x1,5mm



### Cylinder

Max Speed 15000 rpm

C12B1C  
Ø 6x23mm

Medium grit for finishing

# STEEL

Abrasive of this family are bounded with rubber and the abrasive component is silicon carbide. STEEL products are used in dental field to work specially on alloys such as nickel/chrome or soft metals in general and in the jewellery field, specially to work on precious alloys, silver and gold to remove scratches gently.

## + Green

Medium grit for scratch removal



### Wheels

Max Speed 20000 rpm

R46N1N  
Ø 22x3mm

R33N1N  
Ø 16x1,5mm



### Cylinder

Max Speed 15000 rpm

C12B1N  
Ø 6x23mm



### Knife Edge

Max Speed 20000 rpm

L41B2N  
Ø 22x3,7mm

L31B2N  
Ø 16x3mm

# SLIM

SLIM discs are separating discs for ceramic and metals. Very special for mechanical characteristics in flexibility they are particularly appreciated also because they don't pollute worked surface.

## + Brown

Separator disc



### Discs

Max Speed 25000 rpm

S32F1  
Ø 22x0,2mm

S33F1  
Ø 22x0,3mm

S34F2  
Ø 22x0,35mm

# DISCO

DISCO family includes separating discs, cutting discs and grinding wheels. These products are suitable for different applications. Disco family's products are bounded with resin and abrasive component is aluminium oxide.

## + Brown

### Discs

Max Speed 25000 rpm



Non flexible separating discs

**MV 45-04**  
Ø 22x0,4mm

**MV 45-05**  
Ø 22x0,5mm

**MV 45-1**  
Ø 22x0,6mm

**MV 46-1**  
Ø 25x0,7mm



Non flexible cutting discs

**MV 47-1**  
Ø 35x0,7mm

**MV 47-2**  
Ø 35x0,8mm  
reinforced

**MV 48-1**  
Ø 35x1mm

**MV 51-1**  
Ø 40x1mm  
reinforced

**MV 51-2**  
Ø 40x1mm

**MV 52-1**  
Ø 35x1,7mm



Non flexible grinding discs

**MV 60-1**  
Ø 35x3mm

**MV 50-1**  
Ø 32x2,2mm

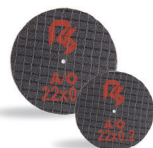


# FIBER DISC

Ultra-flexible disks with fiber glass for cutting metal, ceramic and zirconia. The glass fiber elasticity and strength while maintaining high performance operation. Available with aluminium oxide, silicon carbide or diamond.

## + Red

For metal with aluminium



### Discs

Max Speed 25000 rpm

**D32FGL**

Ø 22x0,2mm

**D33FGL**

Ø 22x0,3mm

**D37FGL**

Ø 22X0,5mm



### Discs

Max Speed 25000 rpm

**D77FGL**

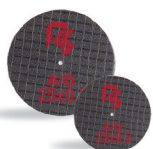
Ø 40x0,5mm

**D79FGL**

Ø 40x0,7mm

**D78FGL**

Ø 40x10mm



### Discs

Max Speed 25000 rpm

**D62FGL**

Ø 25x0,2mm

**D63FGL**

Ø 25x0,3mm

**D67FGL**

Ø 25X0,5mm

## + Yellow

For ceramic with silicon carbide



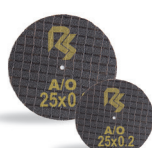
### Discs

**D32FGS**

Ø 22x0,2mm

**D33FGS**

Ø 22x0,3mm



### Discs

**D62FGS**

Ø 25x0,2mm

**D63FGS**

Ø 25x0,3mm

## + White

For ceramic and zirconia with diamond



### Discs

**DB2FGD**

Ø 20x0,2mm

**DB3FGD**

Ø 20x0,3mm



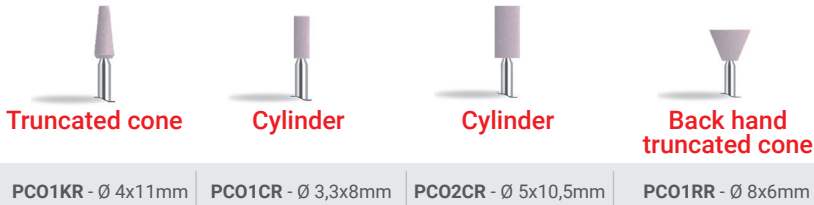
# STONE

**STONE family includes rigid abrasives bounded with ceramic bond.** They are subdivided in five lines with different applications and kind of used abrasive. Abrasives of this family are mounted points with standard cylindrical type 2 (ISO 1797)  $\varnothing$  2,35 mm.

## + Pink

Aluminium oxide based to grind metal alloys in general

Max Speed 25000 rpm



## + Green

Silicon carbide based to grind and refine ceramic, precious metals and resins

Max Speed 25000 rpm



## + White

Aluminium oxide to grind and refine metals and chrome/cobalt alloys

Max Speed 25000 rpm



## + Blue

Aluminium oxide based to refine non precious alloys

Max Speed 25000 rpm



Truncated cone



Cylinder



Cylinder

PBA1KB - Ø 4x11mm

PBA1CB - Ø 3,3x8mm

PBA2CB - Ø 5x10,5mm

## + Brown

Aluminium oxide based to fast grind non precious metals and chrome/cobalt alloys

Max Speed 25000 rpm



Truncated cone



Cylinder



Cylinder



Back hand truncated cone

PCB1KM - Ø 4x11mm

PCB1CM - Ø 5x13mm

PCB2CM - Ø 7x13mm

PCB10M - Ø 12,5x17mm

# DIAMOND

**DIAMOND family includes sintered diamond mounted points.** Products wof this family are suitable in a lot of application specially for ceramic and zirconia. Mounted points have standard cylindric shank tipe 2 (ISO 1797) Ø 2,35 mm.

## + Sintered diamond points

For finishing ceramic

Max Speed 25000 rpm



Ogival



Back hand cone



Round ogival

DO0308SI - Ø 4x8mm

DR0502SI - Ø 5x3mm

DT0408SI - Ø 4x8mm

# DIACUT

New generation of diamond products bonded with special resin. This family offers large and exclusive performance for finishing zirconia

## + Diamond for zirconia

Max Speed 25000 rpm



Disc

D1405 - Ø 14x0,5mm

For crown removal



## + Diamond for zirconia

Max Speed 7000 rpm



Wheel

R14D30 - Ø 14x3mm



Knife edge

L18D35 - Ø 18x3,5mm



Disc

R22D10 - Ø 22x1mm



Knife edge

L22D15 - Ø 22x1,5mm

For finishing



Wheel

R22D25 - Ø 22x2,5mm



Knife edge

L22D35 - Ø 22x3,5mm



Cylinder

C18D60 - Ø 6x18mm

# DIASTONE

Finishing ceramic, high diamond concentration, long life, suitable also for precious metals.

## + Diamond for ceramic

For finishing

Max Speed 25000 rpm



Disc

DR1503C - Ø 15x3mm



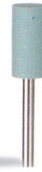
Knife Edge

DL2215C - Ø 22x1,5mm



Wheel

DR2202C - Ø 22x2mm



Cylinder

DC0612C - Ø 6x12mm



Truncated cone

DK0411C - Ø 4x11mm

# ZIRCONIA

New line of rotary instruments for zirconia, high diamond concentration, high efficiency, 4 different grit .

## + Ceramic and Zirconia

For finishing ceramic

Max Speed 20000 rpm



Extra Coarse

CZDPWR - Ø 26x2mm



Coarse

CZDPWB - Ø 26x2mm



Fine

CZDPWG - Ø 26x2mm



Extra fine

CZDPWY - Ø 26x2mm

# MIRACLE CUTTER

— Sintered diamond disc

## Discs



DD22X03  
Ø 22x0,3mm

DD22X05  
Ø 22x0,5mm



**Long life**



**Cut all materials**  
(zirconia, precious and non-precious metal, ceramic, etc.)



**High speed**  
(suggested 30000 rpm)



# MANDRELS

New generation of diamond products bonded with special resin. This family offers large and exclusive performance for finishing zirconia

## Diameter 2,35 mm



**MV42** Ø 5x3mm

Reinforced for wheels and knife edge wheels



**MV43/CV** Ø 5x20mm

For glass paper



**MV43** Ø 5x13mm

For cylinder Ø 6x23mm



**MV45/G** Ø 8x4mm

Reinforced for SLIM discs



**MPM000** Ø 3x22mm

For MINIPOINTS



**BIGMAND1** - Ø 5x30mm

For BIG cylinder

## Diameter 3 mm



**MV42** Ø 5x3mm

For wheels and knife edge wheels



**MV43/CV** Ø 5x20mm

For BIG cylinder

# KITS

Diamond polisher for smoothing and polishing zirconia, lithium disilicate, ceramic, porcelain and composites. Soft and flexible, high-shine polishing without paste.

## + Z110 - Diamond Zirconia Kit



RS101 CS101 KS101

### STEP 1 - YELLOW HARD RESIN

Adjust and smooth-RPM 7000-15000



R101 C101 K101

### STEP 2 - RED

Pre-polishing - RPM 7000-15000



R102 C102 K102

### STEP 3 - YELLOW

High Shining - RPM 20000

## + C110 - Diamond Ceramic Kit



R001 L001 F001

### STEP 1 - BLUE

Adjust and smooth - RPM 7000-15000



R002 L002 F002

### STEP 2 - WHITE

High Shining - RPM 20000

## S110 - Diamond Lithium Disilicate/Ceramic kit



RS101 CS101 KS101

**STEP 1 - YELLOW HARD RESIN**

Adjust and smooth-RPM 7000-15000



R101 C101 K101

**STEP 2 - RED**

Pre-polishing - RPM 7000-15000

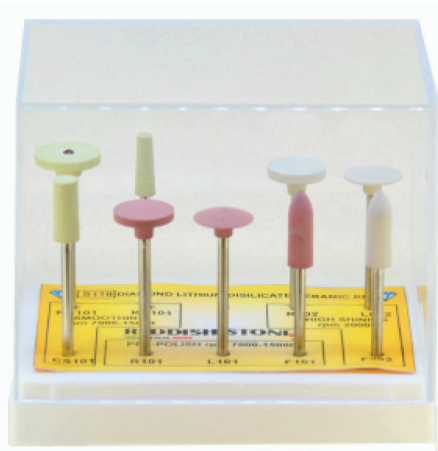


R002 L002 F002

**STEP 3 - WHITE**

High Shining - RPM 20000

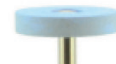
## Z101 - Diamond Zirconia Ceramic/Lithium Disilicate Kit



DK0411C

**GREY-HARD RESIN**

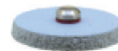
Ceramic finishing  
RPM max 20000



DR1503C

**GREY-HARD RESIN**

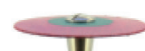
Ceramic finishing  
RPM max 20000



R46S1K

**COARSE WHEEL**

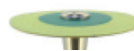
Ceramic Ø22X0,3  
RPM max 20000



CZDPWR

**RED-COARSE GRIT**

Cer/Zirconia Ø26X0,2  
RPM max 20000



CZDPWY

**YELLOW-FINE GRIT**

Cer/Zirconia Ø26X0,2  
RPM max 20000



L18D35

**KNIFE EDGE-HARD**

Zirconia Ø18X3,5  
RPM max 7000



## + Kit C0101G



For gold, resins and composites

<i>Pcs.</i>	<i>Family</i>	<i>Code</i>	<i>Description</i>
10	UNIVERSAL	R46S1U	Wheels 22x3 mm grey
10	UNIVERSAL	C12P1U	Cylinders 6x23 mm grey
10	UNIVERSAL	L41S1U	Knife edge wheels 22x3 mm grey
10	GOLD FLASH	R46S1L	Wheels 22x3 mm pink
10	GOLD FLASH	C12P1L	Cylinders 6x23 mm pink
10	GOLD FLASH	L41S2L	Knife edge wheels 22x3 mm pink
10	MINIPOINTS	N11CMM	Minipoints 3x24 mm brown
10	MINIPOINTS	N11PVL	Minipoints 3x24 mm pink
2	MANDRELS	MV42	Stainless steel mandrels for wheels Ø 2,35 mm
2	MANDRELS	MV43	Stainless steel mandrels for cylinders Ø 2,35 mm
1	MANDREL	MPM000	Mandrel for minipoints

## + Kit C0101C



For ceramic

<i>Pcs.</i>	<i>Family</i>	<i>Code</i>	<i>Description</i>
10	CEPOLINE	R46S1K	Wheels 22x3 mm white
10	CEPOLINE	L41S1K	Knife edge wheels 22x3 mm white
10	CEPOLINE	L41S2K	Knife edge wheels 22x3 mm light blue
10	CEPOLINE	R46S2K	Wheels 22x3 mm light blue
10	CEPOLINE	R46S3K	Wheels 22x3 mm light grey
10	MINIPOINTS	N11UJW	Minipoints 3x24 mm white
10	SLIM	S32F1	Separating discs 22x0,2 mm
10	SLIM	S33F1	Separating discs 22x0,3 mm
2	MANDRELS	MV42	Stainless steel mandrels for wheels Ø 2,35 mm
1	MANDRELS	MV45/G	Stainless steel mandrels for separating discs Ø 2,35 mm
1	MANDREL	MPM000	Mandrel for minipoints

# Kit C0101K

For chrome/cobalt

Pcs.	Family	Code	Description
10	SKELL	R46N1C	Wheels 22x3 mm red
10	SKELL	C12B1C	Cylinders 6x23 mm red
10	STILL	R46N1N	Wheels 22x3 mm green
10	SKELL	R46N1D	Wheels 22x3 mm black
10	SKELL	C12B1D	Cylinders 6x23 mm black
10	NEO	R46C4B	Wheels 22x3 mm brown
10	NEO	C12C6B	Cylinders 6x23 mm brown
1	NEO	W11C7B	Ogival mounted points 11,2x19 mm brown
1	NEO	W61C7B	Flame mounted points 9x27 mm brown
1	NEO	F37C7B	Flame mounted points 5x16 mm brown
10	DISC	MV46/1	Separating discs 25x0,7 mm
2	MANDRELS	MV42	Stainless steel mandrels for wheels Ø 2,35
2	MANDRELS	MV43	Stainless steel mandrels for points Ø 2,35
1	MANDREL	MV45/G	Stainless steel mandrels for separating disc Ø 2,35



## + Technical and safety notice

Reddish Stone silicone abrasives always guarantee a good grip, wear out evenly and, when necessary, can be easily profiled. These products, when used in a proper way, work without overheating, do not change in colour and do not undergo distortion. With Reddish Stone silicone abrasives you can work flat, curved, profiled or channelled surface

Reddish Stone abrasives are studied for specific applications: improper use of such products can damage the workpiece, the tool or hurt the operator.

Before using Reddish Stone products make sure that you use them combined with perfectly working tools that undergo regular maintenance and that comply with the laws in force.

Insert the shank in the equipment and fix the mandrel at maximum depth.

Reach required speed before starting the application.

Damaged or warped abrasives must be readily replaced.

Before application every product sold without a mandrel must be firmly fixed on the rest and centred.

Only qualified personnel with regular safety equipment (goggles and aspiration) can work with our products.

Do not exceed maximum revolutions allowed for the tool.

Do not apply too much pressure on the tool and on the workpiece: an excessive pressure may cause overheating or damage the tool and/or the workpiece. It may also cause an untimely wear of the tool and may even break it, becoming a hazard for the operator.

Reddish Stone abrasives must be kept in their original packing, at room temperature, away from humidity and dust.

Do not use corrosive cleaning agents when cleaning the tools.

In order to obtain better results, we warmly advise to use tools that allow a variable speed.



# MANFREDI

In Lab with Excellence since 1934



**REDDISH STONE**  
ITALIA

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**Manfredi UG:** München/Germany  
**Reddish Stone Korea:** South Korea

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