

GRUPO

# AUSTROMEX®

## CATÁLOGO > 2020



Soluciones  
en Abrasivos®

# AUSTROMEX<sup>®</sup> GROUP

In **Austromex Group** we seek to be in the forefront of **cutting-edge, safe** and of the highest quality products.

Our goal is the entire satisfaction of our costumers, through an excellent and personalized service.

Therefore, our products range continues to grow to offer greater variety and solutions to all your abrasive needs.

Within our 2020 Product Catalogue you will find a renewed image including **250** new items. We continue to use QR codes to access operating videos of different products. Additionally, technical information has been included to ease the use of the products and ensure user's safety.

Everything we do is to reflect our commitment to service, quality and innovation. Offering at all time: **Abrasive solutions.**

**Abrasive  
Solutions<sup>®</sup>**



## VISION

Be a Mexican company of excellence recognized worldwide.



## MISION

continously improve our workflows, products and services to satisfy our costumers.



## VALUES

- Customer satisfaction
- Continual improvement
- Innovation
- Integrity
- Teamwork
- Compromise
- Sustainability

Don't forget to visit us on:



[www.austromex.com.mx](http://www.austromex.com.mx)



[grupoaustrromex](https://www.youtube.com/grupoaustrromex)



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# SECURITY in Abrasives



## OSA CERTIFICATION

oSa stands for:  
**Organization for the  
Safety of Abrasives**



Integrated by the world's  
highest quality abrasive  
manufactures

## GOAL



Assure consistent  
safe products  
manufactured  
with the highest  
quality standards.



# 5

## Reasons

To use oSa - certified tools:



➤ Brand recognized worldwide for the highest level of safety testing on cutting and grinding tools.



➤ Regulations approved with EN safety standards for abrasive products, including the additional requirements of oSa.



➤ Regular manufacturing control and monitoring of products.



➤ Manufacturer regularly inspected with management quality certificates and process documentation.



➤ Premium products with manufacturer traceability.

Guarantee of high **Quality** and  
**Safety** in abrasives

Abrasive  
**Solutions**

# Technical Guide

## How to use this catalogue?

It's divided by type of products and applications. The following color code is to identify the different sections:

- ◆ Bonded Abrasives
- ◆ Motor Rebuilding
- ◆ Carbide Tools
- ◆ Coated Abrasives
- ◆ Automotive Aftermarket
- ◆ Machines
- ◆ Non Woven Abrasives
- ◆ Diamond Products
- ◆ Accesories
- ◆ Polishing and Cleaning
- ◆ Wire Brushes

## Guide Sheet

**Product Name**

**Product Information**

**Technical Tip**

**Product certified by oSa**

**Product Type**

**Material / Aplicación**

**Máquina de uso**

**ABRASIVOS SÓLIDOS**

**Tip Técnico**

**Video**

**Características**

**Beneficios**

**AC24 / Desbaste**

**Fibra de algodón / Acabado**

**Discos de Corte**

**Product Image**

**Section**

**Type/ Dimensions / Item #**

**Video**

**Specification**

**Page #**

# Abrasive Grains

The abrasive grains do the job. The most important abrasive grain features are hardness, tenacity and fiability (ability to break uo). The main grain use are the following:



### Aluminum Oxide (A)

- High hardness.
- Resistant abrasive.
- Ideal for grinding and cutting steel and stainless steel.



### Silicon Carbide (C)

- Highest hardness.
- Given the high hardness it will always have blades available tu cut or grind.
- Ideal for non-ferrous materials such as stone, glass and ceramics.



### Zirconium (Z)

- High hardness
- Tenacious grain for applications where a large removal and cutting speed are required.
- Its composition keeps the grain sharp.
- Ideal for grinding and cutting steel and stainless steel.



### Ceramic (Cer)

- High hardness.
- Endure abrasive.
- The best option for applications with alloyed, hardened and trated materials where hing removal is required in a short time without affecting the material due to heat.

## Safety Information



▶ Wear eye protection



▶ Wear dust mask



▶ Use safety guard



▶ Wear ear protection

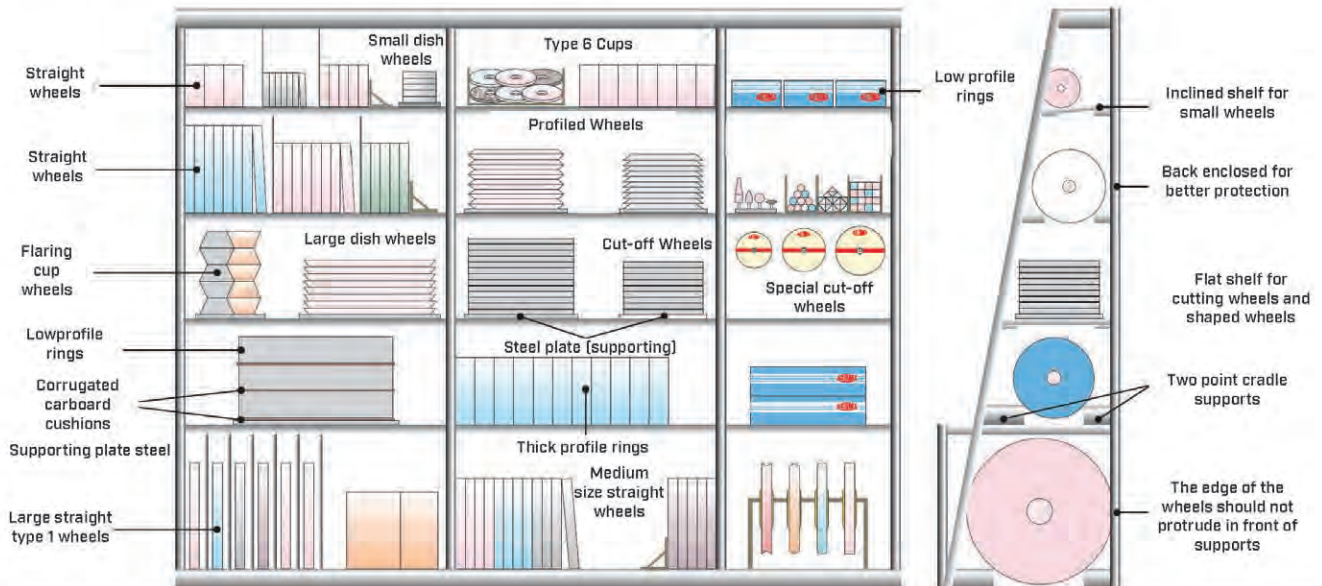


▶ Wear protective gloves

## Handle and Storage

The abrasive products are tools of great quality, it's necessary to handle them adequately to gain the performance and expected job results. There are products more fragiles than others. However, all of them must be treated with the greatest care possible. Avoid dropping or hitting the products.

It's preferable to dispose products that had been dropped or hit severely. This prevents the risk of an accident. A correct storage must allow one wheel to be moved without damaging the others. Storage shelves must be constructed and positioned according to user's needs but taking care of placing them in dry rooms that do not have extreme temperature changes. Some binders are especially vulnerable to extreme variations in temperature and humidity.



# Application - Materials

 HSS	 Acrylic	 Alpaca	 Aluminum	 Asphalt	 Tile	 Clear Coat	 Bronze
 Cement	 Ceramic	 Scrap	 Coper	 Concrete	 Green Concrete	 D2	 Stairs
 Fiberglass	 Cast Iron	 Granite	 Stainless	 Hardened Stainless	 Jewelry	 Brass	 Tyres / Rubber
 Laquor	 Refractory Brick	 Wood	 Marble	 Body Filler	 Metal	 Non-Ferrous Metals	 Precious Metals
 Moulds	 Corrosion	 Windshield	 Paste	 Glue	 Paint	 Stone	 Automotive Painting
 Plastic	 Primer	 Polyester	 Porcelain	 Porcelain Tiles	 PVC	 Ramps	 Civil Rescue
 Wheels	 Resin	 Welding	 Textile	 Titanium	 Plaster	 Glass	

# Machines

▼ CNC Machine



▼ Chop Saw



▼ Electric Gas Saw



▼ Tile Saw



▼ Masonry Saw



▼ Walk Behind Saw



**Machines**

▼ **Table Saw**



▼ **Stationary Cut-off Machine**



▼ **Grass Trimmer**



▼ **Angle Grinder**



▼ **Angle Grinder- Cutting**



▼ **Bench Grinder**



▼ **Pedestal Grinder**



▼ **Straight Grinder**



▼ **Mitter Saw**



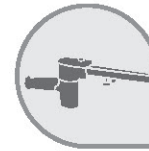
▼ **Double Action Sander**



▼ **Pedestal Sander**



▼ **Portable Belt Sander**



▼ **Orbital Sander**



▼ **Belt Sander**



▼ **Roto-orbital Sander**



▼ **Finishing/polishing Machine**



▼ **Mini-orbital Sander**



▼ **Mototool**



▼ **Vertical Grinder**



▼ **Floor Polishing Machine**



▼ **Universal Tool Grinder**



▼ **Circular Saw**



▼ **Drill**



▼ **Hand Use**







**DEPRESSED  
CENTER  
WHEELS**

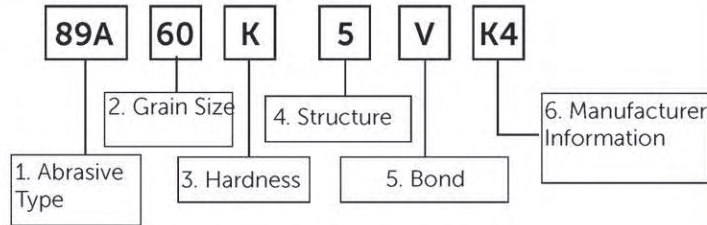
# Technical Information

## Product Specification

It specifies the physical and chemical characteristics of the products. It contains the following information:

1. Abrasive Type
2. Grain Size
3. Hardness
4. Structure
5. Bond
6. Manufacturer Information

Example:



## Application

### Grinding

Type 27



Type 29



### Cutting

Type 42

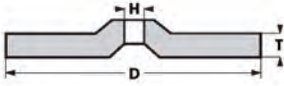


## Wheel Types

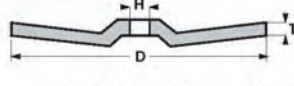


### Grinding

#### Type 27



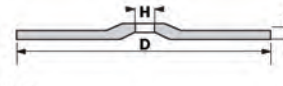
#### Type 29



D = Diameter    T = Thickness    H = Hole

### Cutting

#### Type 42



## Conversion Chart

### Diameter

Ø	mm
4"	100
4-1/2"	115
5"	125
6"	150
7"	180
9"	230

### Thickness

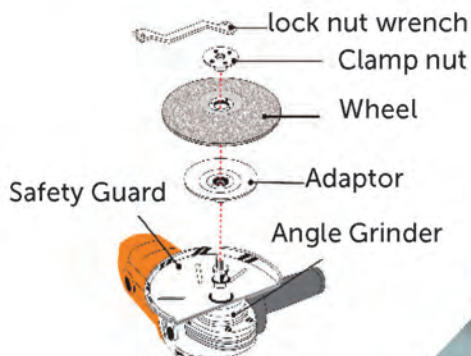
T	mm
0.025"	0.6
0.030"	0.75
1/32"	0.80
0.040"	1.00
0.045"	1.10
3/64"	1.20
1/16"	1.6
5/64"	1.9
3/32"	2.4
1/8"	3.2
5/32"	4
1/4"	7

### Hole

H	mm
5/8"	15.88
7/8"	22.23

## Depressed Center GW mounting procedure on a handheld angle grinder

- First ensure that the safety guard is correctly positioned and securely fitted.
- Place the inner flange on the grinder shaft.
- Mount the disc on the adaptor.
- Screw in the clamp nut against the grinder shaft.
- Use the lock nut wrench to tight the clamp nut without overtighting.
- "Tenazit" adapters are specialized to enhance machine and abrasive tool performance.

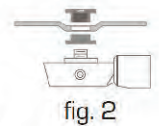
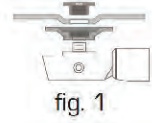




## Safety Measures

### ALWAYS

- ✓ **ALWAYS** choose the right grinding wheel for the job:
  - **For Rough Grinding:** Depressed Center Wheels thicker than 6mm.
  - **For cutting, non-heavy Grinding & grooving:** Use DCGW thicker than 4mm & below 4.4 mm.
  - **For cutting:** Use DCGW with a thickness less than 3.5 mm.
- ✓ **ALWAYS** use suitable adapters for:
  - Angle grinder with (5/8"-11H) thread spindle. Item 541 (fig. 1) or Item 961 (fig.2)
  - Angle grinder with (M 14-2) thread spindle. Item 542 (fig. 1) or Item 958 (fig. 2)
- ✓ **ALWAYS** take wheels & machine manufacturer's safety guide into consideration.
- ✓ **ALWAYS** ensure to switch OFF the power at supply source and/or remove the plug from the socket before changing the wheel.
- ✓ **ALWAYS** keep your workspace clean, organized and well lit.
- ✓ **ALWAYS** ensure that all wheel and machine guards are in place and tightly closed before operating the machine in order to avoid damaging the wheel.
- ✓ **ALWAYS** ensure the spindle rpm of the machine does not exceed the maximum permissible speed of the grinding wheel.
- ✓ **ALWAYS** asegúrese que la máquina no exceda la velocidad máxima indicada en el disco.
- ✓ **ALWAYS** wear safety gear such as DUST MASK, GLOVES & EAR PROTECTION.
- ✓ **ALWAYS** ensure the wheels and discs are properly store in order to prevent them from rolling out, knocking over or distort.
- ✓ **ALWAYS** work with the safety guard in place and don't disassemble it.



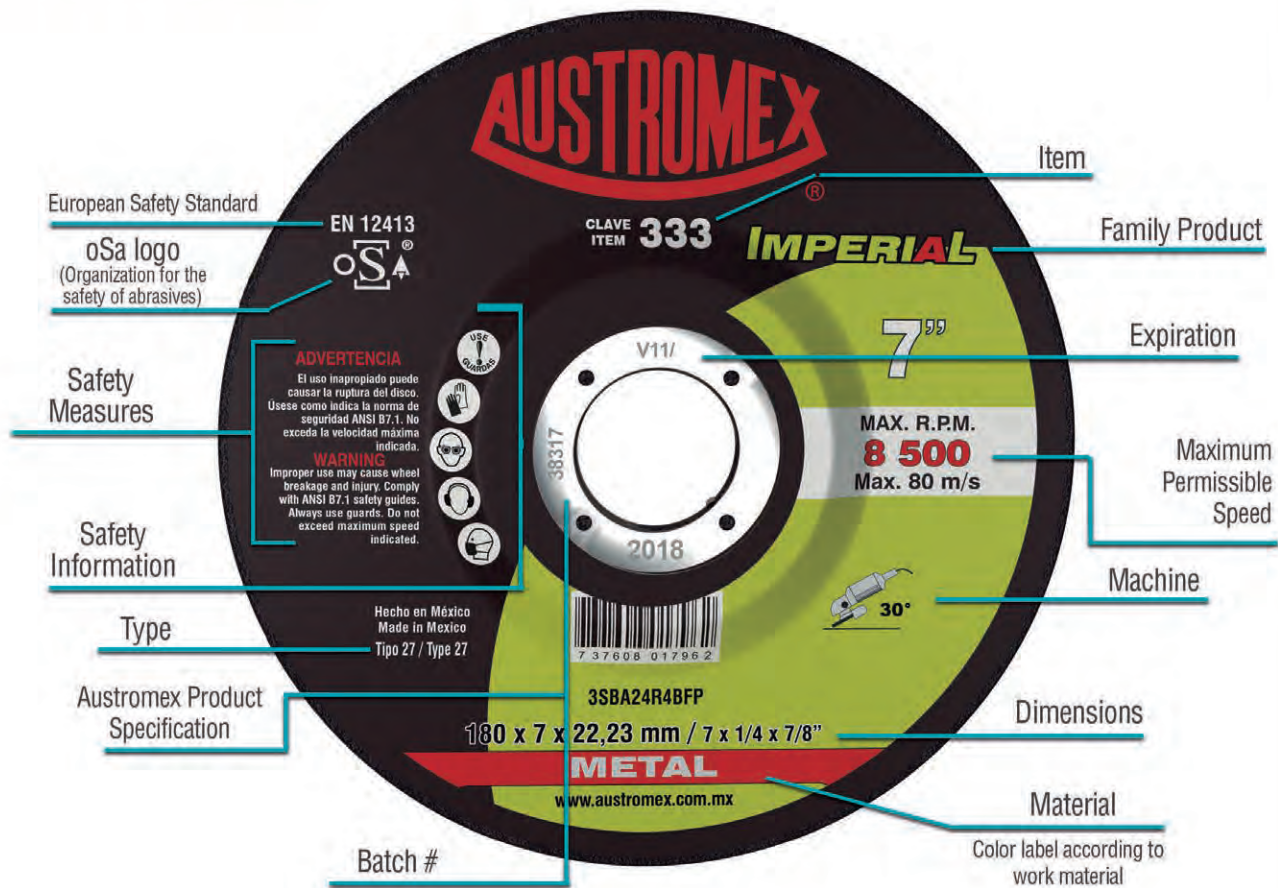
### NEVER

- ✗ **NEVER** allow unqualified personal to make usage of any GD, mount them or even storage them.
- ✗ **NEVER** use cutting wheels for grinding purposes and heavy side GD's for cutting applications.
- ✗ **NEVER** use damaged retainer nuts and mounting screws without any deformation nor dirty.
- ✗ **NEVER** turn on the machine if the safety guard is not properly placed and firmly fastened.
- ✗ **NEVER** grind or cut materials with abrasive wheels not specifically designed for them.
- ✗ **NEVER** mount your grinding wheel on a machine with a higher speed. Always respect its permissible operating speed.
- ✗ **NEVER** force grinding contact, make it gently without bumping or gouging the wheel against the workpiece.
- ✗ **NEVER** use any wet abrasive disc. If so, it must be thrown away. Discs exposed to moisture may experiment loss of performance and bond damage.

For more information about ANSI B7.1 standard, please visit:  
[www.ansi.org](http://www.ansi.org)



# Label Description

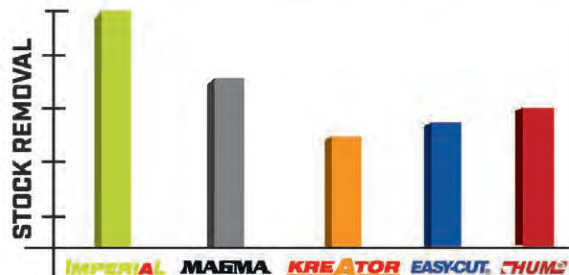
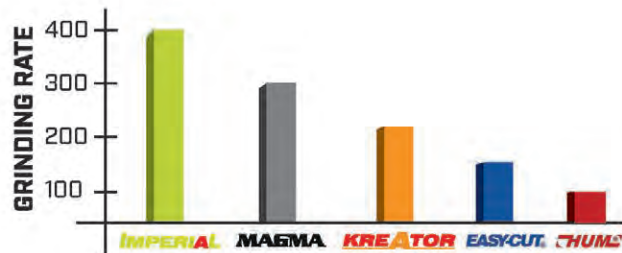


## Speed

Max. RPM Wheel Rating (1) & Max. RPM Peripheral Speed (2). (Meters per Second)

Ø	MAX. RPM	MAX. m/s
4"	15300	80
4-1/2"	13300	80
6"	10200	80
7"	8500	80
9"	6650	80

## Comparative



IMPERIAL



**NUEVA**  
ESPECIFICACIÓN  
MEJORADA



► **Features**

- **NEW Specificatio:** 7SBA20R4BFP.
- Special Manufactured.
- Manufactured with ceramic alumina and zirconia.
- Special treatment of abrasive grains.



► **Benefits**

- 40% mayor remoción.
- Maximum performance and higher stock removal.
- Savings on production costs.
- Excelente productividad.


**Ventajas**

- Higher performance.
- High stock removal
- The best choice for grinding hard and exotic materials.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4-1/2"	1/8"	7/8"	13300	25	335
	7"	1/8"	7/8"	8500		332
Grinding		T = 7 mm				
	4"	1/4"	5/8"	15300		328
	4-1/2"	1/4"	7/8"	13300	25	336
	7"	1/4"	7/8"	8500		333
	9"	1/4"	7/8"	6650	10	347



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Grinding		T = 7 mm				
	4-1/2"	1/4"	5/8" - 11H	13300	10	-336
	7"	1/4"	5/8" - 11H	8500		-333





### Features

- Specification: ZR224R4BFP  
Item 3874: A30SBFX.
- Reinforced with 4 fiberglass reinforcements.
- Manufactured with Zirconia

### Benefits

- Saving grinding costs.
- Increase productivity.
- Comfortable for the operator.

### Ventajas

- Higher performance.
- The best choice for tough operations.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4"	1/8"	5/8"	15300		3881
	4-1/2"	1/8"	7/8"	13300	25	3871
	7"	1/8"	7/8"	8500		3841
	9"	1/8"	7/8"	6650		3851
Grinding & Cutting		T = 4 mm				
	4-1/2"	5/32"	7/8"	13300		3874
	7"	5/32"	7/8"	8500	25	3801
	9"	5/32"	7/8"	6650		3821
Grinding		T = 7 mm				
	4"	1/4"	5/8"	15300		3891
	4-1/2"	1/4"	7/8"	13300	25	3861
	7"	1/4"	7/8"	8500		3811
	9"	1/4"	7/8"	6650	10	3831



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4-1/2"	1/8"	5/8" - 11H	13300	10	-3871
	7"	1/8"	5/8" - 11H	8500		-3841
Grinding		T = 7 mm				
	4-1/2"	1/4"	5/8" - 11H	13300	10	-3861
	7"	1/4"	5/8" - 11H	8500		-3811





► **Features**

- **Specification: ZRA24R4BFP.**
- Manufactured with aluminum oxide & zirconia.
- Reinforced with 4 fiberglass reinforcements.

► **Benefits**

- Savings on grinding and cutting costs.
- Higher productivity.

**Ventajas**

- Perfect for grinding on larger surfaces.
- Great performance.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting T = 3.2 mm						
	4"	1/8"	5/8"	15300		520
42	4-1/2"	1/8"	7/8"	13300	25	524
	7"	1/8"	7/8"	8500		595
	9"	1/8"	7/8"	6650		571
Grinding & Cutting T = 4 mm						
27	7"	5/32"	7/8"	8500	25	596
	9"	5/32"	7/8"	6650		572
Grinding T = 6.4 mm						
	4"	1/4"	5/8"	15300		521
27	4-1/2"	1/4"	7/8"	13300	25	525
	6"	1/4"	7/8"	10200		539
	7"	1/4"	7/8"	8500		597
	9"	1/4"	7/8"	6650	10	588



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting T = 3.2 mm						
42	4-1/2"	1/8"	5/8" - 11H	13300	10	-524
	7"	1/8"	5/8" - 11H	8500		-595
Grinding T = 6.4 mm						
27	4-1/2"	1/4"	5/8" - 11H	13300	10	-525
	7"	1/4"	5/8" - 11H	8500		-597





Grinding



Cutting



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4"	1/8"	5/8"	15300		2023
	4-1/2"	1/8"	7/8"	13300		2006
42	6"	1/8"	7/8"	10200	25	2061
	7"	1/8"	7/8"	8500		2008
	9"	1/8"	7/8"	6650		2010
Grinding & Cutting		T = 4.1 mm				
27	7"	5/32"	7/8"	8500	25	2029
Grinding		T = 6.4 mm				
	4"	1/4"	5/8"	15300		2022
	4-1/2"	1/4"	7/8"	13300	25	2004
27	6"	1/4"	7/8"	10200		2005
	7"	1/4"	7/8"	8500		2007
	9"	1/4"	7/8"	6650	10	2009

► **Features**

- **Specification: A24R4BFP**
- Specially developed for higher stock removal.

► **Benefits**

- Good stock removal.
- Excellent price/performance ratio.
- Professional's choice.

**Ventajas**

- Long lifespan
- Lowest burr formation.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4-1/2"	1/8"	5/8"-11H	13300	10	-2006
42	7"	1/8"	5/8"-11H	8500		-2008
Grinding		T = 6.4 mm				
	4-1/2"	1/4"	5/8"-11H	13300	10	-2004
27	7"	1/4"	5/8"-11H	8500		-2007





Grinding



Cutting

**Ventajas**

- Good performance.
- Perfect for casual duties.
- Lowest burr formation.

**Features**

- Specification: A24Q4BFP
- Special "HUM" construction.

**Benefits**

- Affordable price.
- Fast cutting.
- Maximum security.
- Perfect for light duty grinding.
- An excellent finishing on your workpiece's surface.



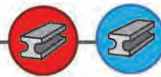
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
<b>Cutting</b>						
		T = 3.2 mm				
	4"	1/8"	5/8"	15300		565
	4-1/2"	1/8"	7/8"	13300	25	566
42	7"	1/8"	7/8"	8500		567
	9"	1/8"	7/8"	6650		568
<b>Grinding</b>						
		T = 7 mm				
	4"	1/4"	5/8"	15300		529
	4-1/2"	1/4"	7/8"	13300	25	560
27	7"	1/4"	7/8"	8500		561
	9"	1/4"	7/8"	6650	10	562



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
<b>Cutting</b>						
		T = 3.2 mm				
	4-1/2"	1/8"	5/8"-11H	13300	10	-566
42	7"	1/8"	5/8"-11H	8500		-567
<b>Grinding</b>						
		T = 7 mm				
	4-1/2"	1/4"	5/8"-11H	13300		-560
27	7"	1/4"	5/8"-11H	8500	10	-561
	9"	1/4"	5/8"-11H	6650		-562



# IMPERIAL



## Features

- **Specification: A46R-BFXA**
- 2 in 1 warranties the same cutting performance on steel and stainless steel.
- Its chemical purity guarantees its use in any type of stainless steel. Perfect for corrosion and rust free results.

## Benefits

- Its design provides maximum long life and clean cutting areas.
- Effortless and faster cuts.
- -30% less dust.



Cutting

**CERTIFIED**  
Fe, S, Cl free  
No Contamination



<http://bit.ly/corteimp>

# MAGMA



## Features

- **Specification: A30R-BFX-INOX**
- With a special formula (an optimal combination of corundum and zirconia) developed exclusively for stainless steel.
- Contaminate-free of iron, sulfur and chlorine.



Grinding

## Benefits

- Higher performance
- Specially for pipelines anchoring duties.
- Perfect durability/remotion rate ratio.

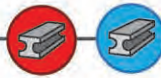


Cutting

**CERTIFIED**  
Fe, S, Cl free  
No Contamination

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
Grinding & Cutting		T = 4 mm			
	4-1/2"	5/32"	7/8"	13300	25 3875

# KREATOR



## Features

- **Specification: A30Q-BF**
- 2 in 1 warranties the same cutting performance on steel and stainless steel.
- Its purity guarantees its use in any type of stainless steel. Perfect for corrosion and rust free results.

## Benefits

- Its design provides maximum long life and clean cutting areas.
- Effortless and faster cuts.
- -30% less dust.



Grinding



Cutting

**CERTIFIED**  
Fe, S, Cl free  
No Contamination



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
Grinding & Cutting		T = 4 mm			
	4-1/2"	5/32"	7/8"	13300	25 3503

## Ultra Thin

# MAGMA



**NEW LINE**



### Features

- **Specification: A60U9BF14252 INOX**
- Maximum precision
- The thickest disc of its type.

### Benefits

- Fast cutting.
- "HYDRO" protection that prevents the aging of the disc caused by humidity, favoring the lifespan.
- Special for wireless grinder.
- Cool cutting.
- Avoides heat-tint.



Cutting  
Inalámbrica

T = 0.6 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	4-1/2"	0.023"	7/8"	13300	765



## PREMIUM



### Features

- **Specification: A60U9BF - INOX**
- Free of iron, sulfur and chlorine.
- Precise.

### Benefits

- Maximum full cutting speed.
- Lowest burr formation.
- Avoides heat-tint.



Cutting

**CERTIFIED**  
Fe, S, Cl Free  
No Contamination



T = 0.8 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	4-1/2"	1/32"	7/8"	13300	752

## CUTMORE®



Cutting

### Features

- **Specification: A602TBFP**
- Super thin and safe operating.

### Benefits

- Lowest burr formation.
- Faster cut rate.
- Cool cutting.
- High performance.

T = 0.8 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	4-1/2"	1/32"	7/8"	13300	2027

# Super Thin Cutting

**EASYCUT®**



Cutting

## Features

- **Specification: A46TBF**
- Super thin and safe operating.
- Fiberglass reinforced and manufactured with special resin bond.

## Benefits

- Lowest burr formation.
- Faster cut rate.
- Cool cutting.
- Excellent for stainless steel.



TYPE	Ø	T = 1 mm		MAX. RPM	ITEM
		THICKNESS	HOLE		
42	4-1/2"	0.040"	7/8"	13300	25 2016



TYPE	Ø	T = 1 mm		MAX. RPM	ITEM
		THICKNESS	HOLE		
42	4-1/2"	0.040"	7/8"	13300	25 2017

**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

# Cut-Off Wheels

**EASYCUT®**



## Features

- **Specification: 2024 y 2039: A46M11BF**  
**2025 y 2040: A46T11BF**  
**2042: 65A362TBF**
- Thin and safe operating.
- Fiberglass reinforced and manufactured with special resin bond.

## Benefits

- Maximum full cutting speed.
- Lowest burr formation.
- Faster and cool cutting.



Cutting

**Thickness = T mm**  
0.050" = 1.3 mm  
1/16" = 1.5 mm  
5/64" = 1.9 mm



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	6"	0.050"	7/8"	10200	2042
	7"	1/16"	7/8"	8500	25 2024
	9"	5/64"	7/8"	6650	2039



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	7"	1/16"	7/8"	8500	25 2025
	9"	5/64"	7/8"	6650	2040

**CERTIFIED**  
Fe, S, Cl Free  
No Contamination



# Corte CUTMORE®



## Features

- **Specification:**  
 clave 534: 65A362SBF  
 clave 537: A46T11BF
- Thin and safe operating
- Fiberglass reinforced and manufactured with special resin bond.

**Thickness = T mm**  
 1/16" = 1.6 mm  
 5/64" = 2 mm

## Benefits

- Specially for stainless steel without contamination on the workpiece.
- Avoides heat-tint.
- Lowest burr and spark formation.
- Quick and cool cutting



Cutting

**CERTIFIED**  
 Fe, S, Cl Free  
 No Contamination



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
42	7"	1/16"	7/8"	8500	25	534
	9"	5/64"	7/8"	6650		537



# CUTMORE®



## Features

- **Specification: 65A242SBF-INOX**
- Reinforced with 3 fiberglass meshes.

## Benefits

- Quick and cool cutting
- For medium users.
- Excelent for stainless steel.



Cutting

**CERTIFIED**  
 Fe, S, Cl Free  
 No Contamination

T = 3.2 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
42	4-1/2"	1/8"	7/8"	13300	25	532

# GRINDMORE®



## Features

- **Specification:**  
 clave 535: 65A242SBF  
 clave 533 y 536: 11A30SBF
- Engineered with triple fiberglass mesh.
- Excelent for stainless steel.

## Benefits

- Fast cut and grinding operating.
- For medium users.



Grinding



Cutting

**CERTIFIED**  
 Fe, S, Cl Free  
 No Contamination



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Grinding & Cutting		T = 4.1 mm				
27	7"	5/32"	7/8"	8500	25	535
Grinding		T = 7 mm				
27	4-1/2"	1/4"	7/8"	13300	25	533
	7"	1/4"	7/8"	8500		536

# Corte Industrial



## Features

- **Specification: A46UBF**
- Thin and safe operating.
- Fiberglass reinforced and manufactured with special resin bond.

## Benefits

- Maximum full cutting speed.
- Lowest burr formation.
- Quick and cool cutting.

### Thickness = T mm

1/16" = 1.5 mm  
5/64" = 1.9 mm



Cutting

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	1/16"	7/8"	8500	25	889
	9"	0.075"	7/8"	6650		890

# PREMIUM



## Features

- **Specification: A46UBF**
- Thin and safe operating.
- Manufactured with special resin bond.

## Benefits

- Maximum full cutting speed.
- Lowest burr formation.
- Quick and cool cutting



Cutting



### Thickness = T mm

1/16" = 1.5 mm  
5/64" = 1.9 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	0.045"	7/8"	8500	25	881
	9"	5/64"	7/8"	6650		882

# PREMIUM



## Features

- **Specification: A46UBF- INOX**
- Thin and safe operating.
- Fiberglass reinforced and manufactured with special resin bond.

## Benefits

- Specially for stainless steel without contamination on the workpiece.
- Avoides heat-tint.
- Lowest burr and spark formation.
- Quick and cool cutting



Cutting



### Thickness = T mm

0.045" = 1.5 mm  
5/64" = 1.9 mm



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	0.045"	7/8"	8500	25	875
	9"	5/64"	7/8"	6650		876



**Features**

- **Specification: A30TBF47**
- Engineered exclusively to avoid ruptures at disc edge. Even, on its last usages.



**Benefits**

- Industry's standard discs and the best choice for the toughest jobs.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
27	7"	1/4"	7/8"	8500	381

T = 6.4 mm

**Corte**



**Features**

- **Specification: A60TBF-INOX**
- Thin and safe operating.
- Fabricados con resinas y ligas especiales, reforzados con fibra de vidrio.

**Benefits**

- Specially for stainless steel without contamination on the workpiece.
- Evita el heat-tint.
- Lowest burr and spark formation.
- Quick and cool cutting.



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
42	4-1/2"	3/64"	7/8"	13300	1318

T = 1.2 mm



**Features**

- **Specification: 15A30S4BF90K clave 372 y 389: 15A30P4BF90K**
- Manufactured with Iron, sulfur and chlorine free raw material.

**Benefits**

- Specially for stainless steel without contamination on the workpiece.
- Long life.
- Avoids heat-tint.

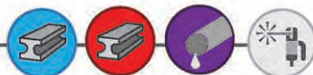


**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
Cutting					
T = 3.2 mm					
42	4-1/2"	1/8"	7/8"	13300	1302
	7"	1/8"	7/8"	8500	1306
Grinding & Cutting					
T = 4.1 mm					
27	7"	5/32"	7/8"	8500	378
Grinding					
T = 7 mm					
27	4-1/2"	1/4"	7/8"	13300	372
	7"	1/4"	7/8"	8500	389



# FUSION INOX



## Features

- **Specification: clave 718: 37A40**  
**clave 719: 37A60.**
- Free of iron, sulfure and chlorine
- For any kind of steel or gray cast iron.
- Available grain 40 and 60.

## Benefits

- Flap and grinding disc fusion.
- Specially to remove seams on small and narrow areas



**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination

T = 4 mm

TYPE	Ø	THICKNESS	HOLE	GRIT	MAX. RPM	ITEM
	4-1/2"	5/32"	7/8"	40	13300	718
				60		719

# MATCH<sub>2</sub>



## Features

- **Specification: A46U9-BF**
- With three fiberglass reinforcements.
- Contaminate free of iron, sulfure and chlorine.

## Benefits

- The unique 1.9 mm disc engineered for cutting, deburring, bevelling and grinding.
- Really safe and strong.
- Won't contaminate stainless steel.

**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination

T = 1.9 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	4-1/2"	5/64"	7/8"	13300	2121

**TENAZIT.**



ZG36 GREEN

**Features**

- **Specification: ZG36**
- Grain mixture of ceramic and zirconia alumina.
- Special bond added with chromium.

**Benefits**

- For stainless steel grinding applications.
- Excellent finishing.
- Contamination-free on the workpiece.
- Avoids heat-tint.
- 50% faster than the common aluminum oxide wheels and a 20% lower heat generation.
- Fast cut, less vibration and easy usage control.



Grinding

**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination



TYPE	Ø	HOLE	GRANO	MAX. RPM		ITEM
27	4-1/2" 7"	7/8" 7/8"	36 36	13300 8500	25	2110 2111

**TENAZIT.**



Grinding

**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination

**Features**

- **Specification: A36GFX - A54GFX**
- Added with cotton fibers and resin free of iron, chlorine and sulfur.

**Benefits**

- Specially designed for stainless steel contamination-free polishing.



T = 5 mm

TYPE	Ø	THICKNESS	HOLE	ESPECIFICACIÓN	MAX. RPM		ITEM
Polish							
27	4-1/2" 7"	3/16" 3/16"	7/8" 7/8"	A36GFX A54GFX A36GFX A54GFX	13300 8500	25 10	388 452 384 455




**Features**

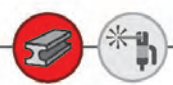
- Specification: A30UBF
- 2.4 mm thick.

**Benefits**

- Thin wheel for a faster cutting and light grinding applications, reducing labor welding and energy costs.
- Designed for narrow pipelines.

T = 2.4 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
 42	4-1/2"	3/32"	7/8"	13300	1321
	7"	3/32"	7/8"	8500	1322




**Features**

- Specification: A30UBF
- For cutting/snotching.

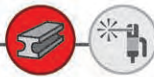
**Benefits**

- Specially designed for pipelines.

T = 4.1 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
 27	7"	5/32"	7/8"	8500	366





► **Features**

- **Specification: A30TBF NA**
- Exceptional grain adhesion due to its combination of fine and thick grain.

► **Benefits**

- Thin wheel for a faster cutting and light grinding applications, reducing labor welding and energy costs.
- Designed for narrow pipelines.

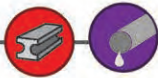


T = 7 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
27	7"	1/4"	7/8"	8500	1300



Sand Casting



► **Features**

Item 1320

- **Specification: AC24UBF**
- Engineered with a high-tech formula.

Item 790

- **Specification: AC249RBF**
- Manufactured with aluminum and silicon carbide blend.

► **Benefits**

Item 1320

- Best choice for foundry with sand.
- No clogging and faster grinding.

Item 790

- High performance.
- Ideal for gray and nodular foundry.
- High removal rate and increased productivity.



T = 7 mm

TYPE	Ø	THICKNESS	HOLE	USE	MAX. RPM	ITEM
27	9"	1/4"	7/8"	Fundición con Arena Fundición GRIS	6650	1320 790





► **Features**

- **Specification: A36QAL BF**
- Semi-flexible.
- Its patented design allows enough air circulation to cool the workpiece. Preventing burns of any type.
- The 3 mm deep pyramid gross gives high and constant removal rate on all materials.

► **Benefits**

- For finishing grinding on flat and curved surfaces.
- Higher grinding performance.
- Avoids disc clogging by its self-lubricating properties.
- Good finishing with a constant precision.



T = 4.5 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
29	4-1/2"	0.18"	7/8"	13300	670
	7"	0.18"	7/8"	8500	671



**Tech - Tip**

For larger contact area and comfort use with a working angle of 15°.



**Video**



[http://bit.ly/turbo\\_jet](http://bit.ly/turbo_jet)



► **Features**

- **Specification:: claves 586 y 587: A24 MTX**  
**claves 480 y 481: AC242NBFP304**
- Items 586 y 587 for finishing, items 480 and 481 for grinding.
- 586 & 587: Manufactured with cotton fibers with aluminum oxide grains.
- Items 480 & 481: Manufactured with Silicon Carbide and special bonds for working on aluminum.

► **Benefits**

- Excellent for grinding aluminum and non-ferrous metals, such as bronze and brass.
- Won't get dulled or glogged.



**AC24**

TYPE	Ø	T = 6.4 mm THICKNESS	HOLE	MAX. RPM	ITEM
27	4-1/2"	1/4"	7/8"	13300	480
	7"	1/4"	7/8"	8500	481

**Cotton Fiber**

TYPE	Ø	T = 5 mm THICKNESS	HOLE	MAX. RPM	ITEM
27	4-1/2"	3/16"	7/8"	13300	586
	7"	3/16"	7/8"	8500	587



**Features**

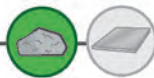
- Specification: item 528: 1C36R4BF33J  
item 754: 1C36R4BF392K  
item 418 y 419: 1C36R4BF39  
item 376: 1C30R4BF  
item 385: 1C30Q4BF
- Manufactured with silicon carbide and a special bond for stone materials applications.



**Benefits**

- Higher performance on grinding cutting-off stone and gray foundry.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 3.2 mm				
	4"	1/8"	5/8"	15300		528
42	4-1/2"	1/8"	7/8"	13300	25	754
	7"	1/8"	7/8"	8500		418
	9"	1/8"	7/8"	6650		419
Grinding & Cutting		T = 4.2 mm				
27	7"	5/32"	7/8"	8500	25	376
	9"	5/32"	7/8"	6650		385



**Features**

- Specification: 1C24R3BF96J
- Manufactured with silicon carbide.

**Benefits**

- The best option at a good price.



T = 3.2 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
42	4-1/2"	1/8"	7/8"	13300		377
	7"	1/8"	7/8"	8500	25	374
	9"	1/8"	7/8"	6650		375



# Cera Bond System



Cutting



Grinding

CERTIFIED Fe, S, Cl Free No Contamination

## Features

- Specification: CA24Q-BFK.
- 4224 and 4222 items with specially bevelled edge "comfort start" system, that aims to significantly improve comfort during the grinding.
- Made with ceramic grain and a special bond system.

## Benefits

- Ensures a consistent cutting performance.
- 2 in 1 : The same great performance for steel and stainless steel.

## Comfort Start

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Cutting		T = 2.5 mm				
42	4-1/2"	3/32"	7/8"	13300	15	4270*
Grinding		T = 4 mm				
27	4-1/2"	5/32"	7/8"	13300	5	4223
	7"	5/32"	7/8"	8500		4225

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
		T = 7 mm				
27	4-1/2"	9/32"	7/8"	13300	5	4224
	7"	9/32"	7/8"	8500		4222

ITEM	TYROLIT
4270	TYR 34209152
4223	TYR 34060373
4225	TYR 34060376

ITEM	TYROLIT
4224	TYR 34019874
4222	TYR 34019878

Items \* = Specification CA30Q-BFK A



# Cut & Grind



Cutting



Grinding

CERTIFIED Fe, S, Cl Free No Contamination

## Features

- Specification: clave 4220: A46Q-BFX. clave 4221: A30Q-BFX.
- "Deep cut protection tech" guarantees maximum cutting depth and user's safety.

## Benefits

- Engineered for cutting steel profile thin-walled tube, cross sections and iron reinforced bars.
- Designed for cutting and grinding, which means less downtime due to disc changes.
- Maximum performance.
- 2 in 1 : The same great performance for steel and stainless steel

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
27	4-1/2"	5/64"	7/8"	13300	25	4220
	7"	9/64"	7/8"	8500		4221

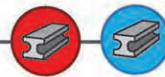
Thickness = T mm  
 5/64" = 2 mm  
 9/64" = 3.5 mm

ITEM	TYROLIT
4220	TYR 34042756
4221	TYR 743947



Depressed Center Wheels

# TYROLIT Rondeller



ITEM	TYROLIT
4240	TYR 908225
4241	TYR 908230

### Features

- Specification: A36QBF.
- Unique "buttons" ideal for chip removal.
- Enables cool grinding



### Benefits

- Low vibration grinding.
- Good adaptability to workpiece.
- Ideal for heavy-duty grinding, deburring and curved surfaces rectified.
- 2 in 1 : The same great performance for steel and stainless steel.

TYPE	Ø	THICKNESS	MAX. RPM		ITEM
29	4-1/2"	7/8"	13300	25	4240
	7"	7/8"	8500		4241

# TYROLIT Foundry



### FOCUR

- Specification: item 4226 y 4227: ZZA24R-BFX  
item 4228: ZZA24S-BFX

- For cast iron and steel working.
- Specially engineered for deburring and flat surfaces grinding.
- Its long life reduces mounting and demounting downtimes.
- Less cutting dust generation.

### T-GRIND

- Specification: : ZZA24T-BFX.
- For grinding cast iron and steel.
- Engineered for severe-long lasting grinding applications.
- Best for pneumatic grinders.
- High stock removal.

### FOCUR

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
27	7"	9/32"	7/8"	8500	10	4226
	9"	5/32"	7/8"	6650		4227
		9/32"	7/8"	6650		4228

**Thickness = T mm**  
5/32" = 4 mm  
9/32" = 7 mm

ITEM	TYROLIT
4226	TYR 233776
4227	TYR 233777
4228	TYR 929020
4229	TYR 701515

### T-GRIND

T = 7 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
27	9"	9/32"	7/8"	6650	10	4229





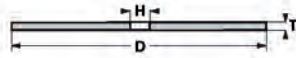
# CUT-OFF WHEELS

# Technical Information

## Discs Type



**Type 41**



D = Diameter    T = Thickness    H = Hole

**Mallas**

- Los discos con mallas laterales son mejores para corte de materiales huecos.
- Los discos con malla central son mejores para corte de materiales sólidos.

## Label Description

**European Safety Standard** → EN 12413

**oSa logo** →

**Safety Measures** → **ADVERTENCIA**  
El uso inapropiado puede causar la ruptura del disco. Úsese como indica la norma de seguridad ANSI B7.1. No exceda la velocidad máxima indicada.  
**WARNING**  
Improper use may cause wheel breakage and injury. Comply with ANSI B7.1 safety guides. Always use guards. Do not exceed maximum speed indicated.

**Safety Information** →

**Type** → Hecho en Mexico / Made in Mexico / Tipo 41 / Type 41

**Austromex Product Specification** → **METAL**

**Item** → **AUSTROMEX**

**Family Product** → **CLAVE ITEM 733 733 PLUS**

**Maximum Permissible Speed** → **14"**  
**MAX. R.P.M. 4 400**  
**Max. 80 m/s**

**Machine** →

**Dimensions** → **350 x 3 x 25,40 mm / 14 x 1/8 x 1"**

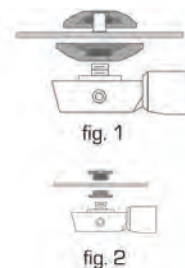
**Material Color label according to work material** → **METAL**



## Safety Measures

### ALWAYS

- ✓ **ALWAYS** elija el tamaño de disco adecuado a la máquina.
- ✓ **ALWAYS** elija el adaptador adecuado para:
  - Mototool y taladro para discos de:  $\varnothing$  3" (75 mm) con barreno de 1/2" (12.7 mm), 3/8" (9.5 mm) y 1/4" (6.4 mm) Clave 531
  - Esmeriladora angular con rosca (5/8"-11H) Clave 547 (fig. 1) o clave 961 (fig.2)
  - Esmeriladora angular con rosca (M14-2) Clave 538 (fig. 1) o clave 958 (fig. 2)
- ✓ **ALWAYS** tenga en cuenta las recomendaciones de seguridad del fabricante de la máquina y del disco.
- ✓ **ALWAYS** asegúrese de que la máquina esté desconectada antes de montar o desmontar un disco.
- ✓ **ALWAYS** mantenga el área de trabajo bien iluminada, limpia, ordenada y libre de obstrucciones.
- ✓ **ALWAYS** asegúrese que la pieza a trabajar esté firmemente sujeta.
- ✓ **ALWAYS** asegúrese que las guardas estén en su lugar y correctamente ajustadas para que no dañen el disco.
- ✓ **ALWAYS** asegúrese que la máquina no exceda la velocidad máxima indicada en el disco.
- ✓ **ALWAYS** use el equipo de protección personal adecuado.
- ✓ **ALWAYS** guarde los discos sobre una superficie plana y no los golpee ni los deje caer.
- ✓ **ALWAYS** utilice la máquina con la guarda de seguridad. ¡No la quite!
- ✓ **ALWAYS** use la llave que viene con la máquina o bien la llave clave 543 para máquinas americanas o clave 544 para máquinas europeas, también puede usar la llave múltiple clave 545. No apriete excesivamente.









### NEVER

- ✗ **NEVER** mount discs larger than 9" discs on a grinder.
- ✗ **NEVER** allow unqualified personal to make usage of any cut-off wheel, mount them or even storage them.
- ✗ **NEVER** use cutting discs for grinding purposes and heavy side grinding wheels for cutting applications.
- ✗ **NEVER** use damaged retainer nuts and mounting screws, without any deformation nor dirty.
- ✗ **NEVER** turn on the machine if the safety guard is not properly placed and firmly fastened.
- ✗ **NEVER** grind or cut materials with abrasive wheels not specifically designed for them.
- ✗ **NEVER** mount your grinding wheel on a machine with a higher speed. Always respect its permissible operating speed.
- ✗ **NEVER** grinding contact, make it gently without bumping or gouging the wheel against the workpiece.
- ✗ **NEVER** use any wet abrasive disc. If so, it must be thrown away. Discs exposed to moisture may experiment loss of performance and bond damage.

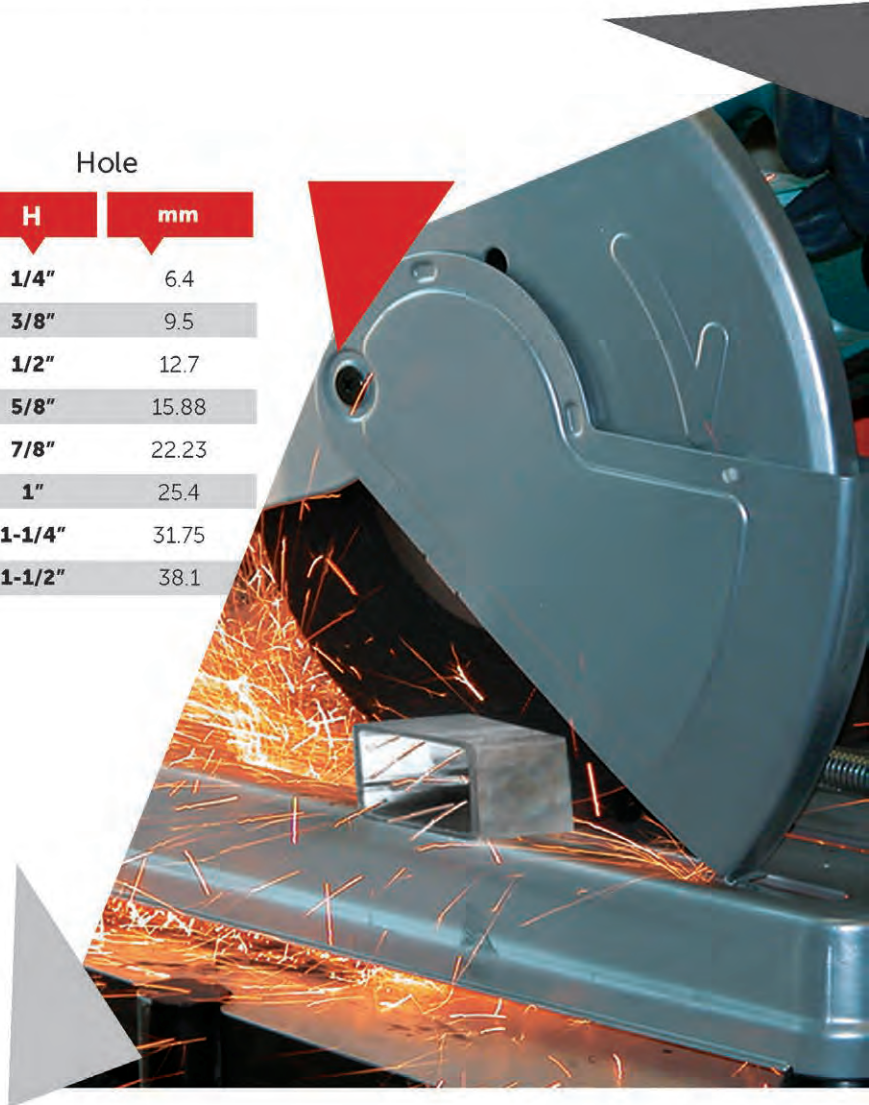
For more information about  
ANSI B7.1 standard, please visit:  
[www.ansi.org](http://www.ansi.org)

## Power table for 14" cut-off wheels

	Low Power (CHOP SAW)		Stationary Machines	
		Machine Power 1 to 3 hp / 7 to 20 amps	Machine Power 5 to 7.5 hp	Machine Power 10 or more hp
 Light gauge profiles	Item 737, 743, 753, 768, 700	Item 740	Item 504	
 Structural Metal	Item 733, 758, 742, 744	Item 737, 519	Item 504	
 Angle Iron	Item 733, 758, 742, 737, 744	Item 737, 519	Item 504	
 Big solid bars	Item 733, 744, 739, 758	Item 519	Item 504	
 Tubes	Item 743, 768, 737, 700	Item 737, 740	Item 504	
 Small solid bars	Item 733, 742, 758, 739, 744	Item 519, 737, 740	Item 504	
Burr-free White Cut	Item 758, 739	Item 519		
Fast Cut	Item 753, 733	Item 753, 519		
PTR Cut	Item 737, 768, 743, 700	Item 753, 737,	Item 504	

## Conversion Chart

Diameter		Thickness		Hole	
Ø	mm	T	mm	H	mm
3"	76	0.025"	0.6	1/4"	6.4
4"	100	0.030"	0.75	3/8"	9.5
5"	125	1/32"	0.80	1/2"	12.7
6"	150	0.040"	1.00	5/8"	15.88
7"	180	0.045"	1.10	7/8"	22.23
8"	200	3/64"	1.20	1"	25.4
9"	230	1/16"	1.6	1-1/4"	31.75
10"	250	5/64"	1.9	1-1/2"	38.1
12"	300	3/32"	2.4		
14"	350	1/8"	3.2		
16"	400	9/64"	3.5		
20"	500	5/32"	4		
		3/16"	5		
		1/4"	7		



# Troubleshooting

Issue	Cause	Solution
 <p>Circular fractures on the center's wheel. (Noted mark on the flange)</p>	<p>Use type 27 adaptor</p>	<p>Use special adapter for cut-off wheels.</p>
 <p>Fracture or crack around the clamping flange. Disc without stiffness.</p>	<p>a) Flange in poor condition. b) Excessive tightening. c) Low power.</p>	<p>a) Use clean recessed flanges with smooth surface and diameter equal to a third of the wheel. b) Do not overtighten the spindle nut. c) Use a special disc for low power machine</p>
 <p>Detachment of a section of the disc. The periphery shows irregular wear.</p>	<p>The disc jammed with the piece to cut due to: a) Piece to cut not fastened. b) Machine improperly guided during cutting. c) Excessive cutting pressure.</p>	<p>a) Clamp the workpiece properly. b) Guide the machine carefully avoiding flexing the disc. c) Work with low-pressure.</p>
 <p>Detachment of a crescent-shaped section from disc's periphery</p>	<p>The disc suffered a side load because the workpiece isn't firmly fasten.</p>	<p>Ensure to firmly fasten the workpiece preferably from both sides.</p>
 <p>Fracture of the disc in two or three sections from the center.</p>	<p>Use of improper or faulty flanges.</p>	<p>Use clean recessed flanges with smooth surface and diameter equal to a third of the wheel.</p>
 <p>Irregular grain break-out of the periphery. Fiberglass exposure.</p>	<p>The bond suffers from grain loss due to an excessive increment of heat generated because of: a) Low power b) Very large section to cut. c) Hard disc.</p>	<p>In any case, it is necessary to apply softer grade specific for low power machines.</p>
 <p>Irregularly worn hole.</p>	<p>a) Diameter of the shaft considerably smaller than the diameter of the hole. b) Insufficient tightening. c) Very worn grinder shaft.</p>	<p>a) Use the disc with the appropriate hole for the grinder shaft. Use reducers to fit the disc to the grinder shaft. b) Tight properly. c) Repair the shaft.</p>

## Ultra thin



### IMPERIAL



#### Features

- **Specification: A60R-BFXA**
- Free of iron, sulfur and chlorine.
- 2 in 1: The same great performance for steel and stainless steel.

#### Benefits

- Maximum full cutting speed.
- Lowest burr formation.



**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination

T = 0.75 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	1/32"	7/8"	13300	3300

## Super thin

### IMPERIAL



#### Specification: A60SBF

T = 1 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	3301

#### Features

- Super thin and safe operating.

#### Benefits

- Lowest burr formation.
- Great cutting speed.
- High performance.
- Cooler cutting.



**CERTIFIED**  
Fe, S, Cl *Free*  
No Contamination

#### Specification: A60RBF-INOX

T = 1 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	3302



<http://bit.ly/corteimp>

## MAGMA



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination



Cutting

► **Specification: A46U9-BF-INOX**  
T = 1 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	756

### ► Features

- Super thin and safe operating.

### ► Benefits

- Lowest burr formation.
- Great cutting speed.
- High performance.
- Cooler cutting.

## KREATOR



### ► Features

- 2 in 1: The same great performance for steel and stainless steel.

**CERTIFIED**  
Fe, S, Cl Free  
No Contamination



Cutting



► **Specification: A60R-BF**  
T = 1 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	3501



## CUTMORE®



Cutting



- Features**
  - Super thin and safe operating.
- Benefits**
  - Lowest burr formation.
  - Great cutting speed.
  - High performance.
  - Cooler cutting.



Specification: A46TBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	701



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

Specification: A46TBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	763

## EASY-CUT®



Cutting



Specification: A46TBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	2014



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

Specification: A46TBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	2015

## HUM®



Cutting



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

Specification: A46T HUM-BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	50 / 400



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

Specification: A46T HUM-BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	50



# Super thin

## ZA-Maxicut®



CERTIFIED  
Fe, S, Cl Free  
No Contamination

### Features

- Specification: ZA60XSBF
- Super thin and safe operating.

### Benefits

- Lowest burr formation.
- Great cutting speed.
- High performance.
- Cooler cutting.



Cutting

T = 1 mm						
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	0.040"	7/8"	13300	25	292
	5"	0.040"	7/8"	12250		293

## Premium



T = 1 mm Specification: A46UBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	0.040"	7/8"	13300	50	709



CERTIFIED  
Fe, S, Cl Free  
No Contamination

Specification: A46UBF

T = 1 mm						
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4"	0.040"	5/8"	15300	50	2620
	4-1/2"	0.040"	7/8"	13300		750



Cutting



## Industrial



Cutting

Specification: A46TBF

T = 1 mm						
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	3/64"	7/8"	13300	50	710



CERTIFIED  
Fe, S, Cl Free  
No Contamination

Specification: A46TBF

T = 1 mm						
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	3/64"	7/8"	13300	50	751

# IMPERIAL



Cutting

**Thickness = T mm**  
 1/16" = 1.6 mm  
 5/64" = 2 mm

### Features

- Reinforced with fiberglass and manufactured with a special resin bond.

### Benefits

- Maximum power and cutting speed.
- Overall durability.

▶ **Item 3303: A46S-BF**  
**Item 3306: A30S-BF**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/16"	7/8"	8500	25	3303
	9"	5/64"	7/8"	6650		3306

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/16"	7/8"	8500	25	3304
	9"	5/64"	7/8"	6650		3307

▶ **Item 3304: A46R-BF-INOX**  
**Item 3307: A30R-BF-INOX**

# MAGMA



Cutting

**Thickness = T mm**  
 1/16" = 1.6 mm  
 5/64" = 2 mm

▶ **Item 3872 y 3842: A46S-BF**  
**Item 3822: A30S-BF**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	1/16"	7/8"	13300	25	3872
	7"	1/16"	7/8"	8500		3842
	9"	5/64"	7/8"	6650		3822

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	1/16"	7/8"	13300	25	3873
	7"	1/16"	7/8"	8500		3843
	9"	5/64"	7/8"	6650		3823

▶ **Item 3873 y 3843: A46R-BF-INOX**  
**Item 3823: A30R-BF-INOX**

# KREATOR



Cutting

**Thickness = T mm**  
 1/16" = 1.6 mm  
 5/64" = 2 mm

**CERTIFIED**  
 Fe, S, Cl Free  
 No Contamination

▶ **Item 3502 y 3504: A46Q-BF**  
**Item 3505: A30Q-BF**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	1/16"	7/8"	13300	25	3502
	7"	1/16"	7/8"	8500		3504
	9"	5/64"	7/8"	6650		3505

**Video**

<http://bit.ly/kreator corte>

**EASY-CUT®**



**Features**

- Reinforced with fiberglass and manufactured with a special resin bond.

**Benefits**

- Maximum power and cutting speed.
- Overall durability.

**Thickness = T mm**

3/64" = 1.2 mm

1/16" = 1.5 mm

5/64" = 2 mm



Cutting



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

**NEW LINE**

Item 2011 y 2044: A46QBFB- INOX

Item 2077 :A30QBFB- INOX

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	1/16"	7/8"	13300		2011
41	7"	1/16"	7/8"	8500	25	2044
	9"	5/64"	7/8"	6650		2077



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

Item 2019: A46T11BF

Item 2021: 65A362TBF-INOX

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	1/16"	7/8"	8500	25	2019
41	9"	5/64"	7/8"	6650		2021



Item 2041: 65A362TBF

Item 2018 y 2020: A46M11BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	6"	3/64"	7/8"	10200		2041
41	7"	1/16"	7/8"	8500	25	2018
	9"	5/64"	7/8"	6650		2020

**Austro Max®**



Cutting



Item 770: 98A36U12BF

Item 255 y 257: 9A36U12BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	3/64"	7/8"	13300	50	770
41	7"	1/16"	7/8"	8500	25	255
	9"	5/64"	7/8"	6650		257

**Thickness = T mm**

3/64" = 1.2 mm

1/16" = 1.5 mm

5/64" = 1.9 mm



## Premium



**Thickness = T mm**

0.050" = 1.3mm  
0.045" = 1.5 mm  
5/64" = 1.9 mm



► Specification: A46UBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	0.050"	7/8"	13300	50	711
41	7"	1/16"	7/8"	8500	25	879
	9"	5/64"	7/8"	6650		880



**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

► Specification: A46UBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	0.050"	7/8"	13300	50	757
41	7"	1/16"	7/8"	8500	25	873
	9"	5/64"	7/8"	6650		874



## Classic



**Thickness = T mm**

0.050" = 1.3mm  
1/16" = 1.6 mm  
3/32" = 2.4 mm

► Item 769: A60UBF

Item 1317: A60TBF

Item 1309: 65A362UBF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	0.05"	7/8"	13300		769
41	7"	1/16"	7/8"	8500	25	1317
	9"	3/32"	7/8"	6650		1309



## Industrial



**Thickness = T mm**

0.045" = 1.5 mm  
0.06" = 1.5 mm  
5/64" = 1.9 mm  
3/32" = 2.4 mm

► Item 891: A46T BF

Item 894: 66A362TBF-ACERO



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	0.06"	7/8"	8500	25	891
41	9"	0.075"	7/8"	6650		894



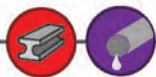
**CERTIFIED**  
Fe, S, Cl Free  
No Contamination

► Item 770: A46TBF INOX

TIPO	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	7"	0.045"	7/8"	8500	25	877
41	9"	5/64"	7/8"	6650		878



## FASTCUT®



### ► Features

- **Specification:** Item 764: A30R3BF90J  
Item 737: A30RBF3  
Item 742: A308T7BFP9.
- Manufactured with high-performance special cutting bond. Such as 737 (2 sided reinforcement), 764, 742 (1 central reinforcement).

### ► Benefits

- Excellent price-performance ratio.
- Maximum performance for even the toughest job.
- Can be used in machines of medium power up to 5 HP.

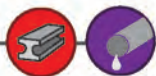


TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Hollow	○	T = 3.2 mm				
41	14"	1/8"	1"	4400	10	737
Solid	●	T = 3.2 mm				
41	12"	1/8"	1"	5100		764
	14"	1/8"	1"	4400	10	742



Chop Saw

## chip-cut



### ► Features

- **Specification:** clave 753: A30RBF3  
clave 739: A30RBF 739  
SUPER
- Soft discs for easy cutting.
- Item 753 (2 sided reinforcement), 739 (1 central reinforcement).

### ► Benefits

- Burr-free white cuts.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Hollow	○	T = 2.8 mm				
41	14"	7/64"	1"	4400	10	753
Solid	●	T = 3.2 mm				
41	14"	1/8"	1"	4400	10	739



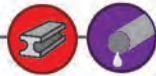
Chop Saw



### Tech - Tip

1R Central reinforcement discs:  
The best for cutting-off solid materials such as bars, frame, etc.  
2R Sided reinforcements discs :  
The best for cutting-off hollow materials such as tubes, profiles, ptr, etc.

**EASY-CUT®**



**Features**

- **Specification: A30PBF**
- Item 768 (2 sided reinforcement), 758 (1 central reinforcement).

**Benefits**

- General use and excellent fast cuts.
- Lowest burr formation.
- Forget about reworks.



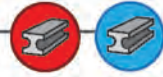
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Hollow		T = 3.2 mm				
41	14"	1/8"	1"	4400	10	768
Solid		T = 3.2 mm				
41	14"	1/8"	1"	4400	10	758



Chop Saw

**EASY-CUT®**

**2.5mm**



Ultra delgado



**NEW LINE**

**Features**

- **Specification: A30BFP - 2.5M2**
- Ultra thin disc 2.5 mm.
- Fabricado con doble malla lateral para una máxima resistencia y estabilidad.

**Benefits**

- Excelente para corte de perfiles y cualquier material hueco.
- Al ser más delgado, los cortes son limpios y con menos rebaba ya que se genera menos calor durante la operación.

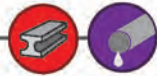


Ø	THICKNESS	HOLE	MAX. RPM		ITEM
T = 2.5 mm					
14"	3/32"	1"	4400	10	767



Chop Saw

**HUM®**



**Features**

- **Specification:**  
item 733: A30PBF-HUM  
item 743: A30PBF-HUM2
- With soft-grade bond.
- Item 743 (2 side reinforcements), and 733 (1 central reinforcement).
- Engineered with new manufacturing technology.
- Smooth cutting action.

**Benefits**

- Best affordable alternative for metal cutting.
- Straight cuts.
- Lowest burr formation.
- Fast cut.



**Video**

<http://bit.ly/733plus>



Chop Saw

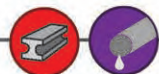
TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Hollow		T = 3.2 mm				
41	14"	1/8"	1"	4400	25	743

**733 PLUS**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
Solid		T = 3 mm				
41	14"	1/8"	1"	4400	25	733



## 700 / 744 PLUS



### ► Features

- **Specification: A30RBF**
- Smooth cutting action.

### ► Benefits

- Maximum performance at an affordable price.



Chop Saw



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
Hollow	○	T = 2.8 mm			
41	14"	7/64"	1"	4400	25 700
Solid	●	T = 3.2 mm			
41	14"	1/8"	1"	4400	25 744

## Classic



### ► Features

- **Specification: 11A301QBF A-INOX**
- Free of iron, sulfur and chlorine.

### ► Benefits

- Enhanced specification for maximum productivity at stainless steel, aluminum and nonferrous metal applications.



Chop Saw

**CERTIFIED**  
Fe, S, Cl *free*  
No Contamination

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
		T = 3.2 mm			
41	14"	1/8"	1"	4400	10 746



Railways



► **Features**

- **Specification: 1ZB24RBF066/100**
- Special for cutting railway tracks.
- Reinforced to work at an operating speed of 100 m/s.

► **Benefits**

- Ideal for 112 lb rails or below.
- Top performance.

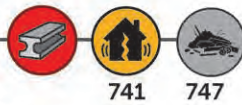


Hydraulic or petrol high speed cutter

T = 4 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	14"	5/32"	1"	5500	1964

**High Speed**



741 747



Hydraulic or petrol high speed cutter

► **Features**

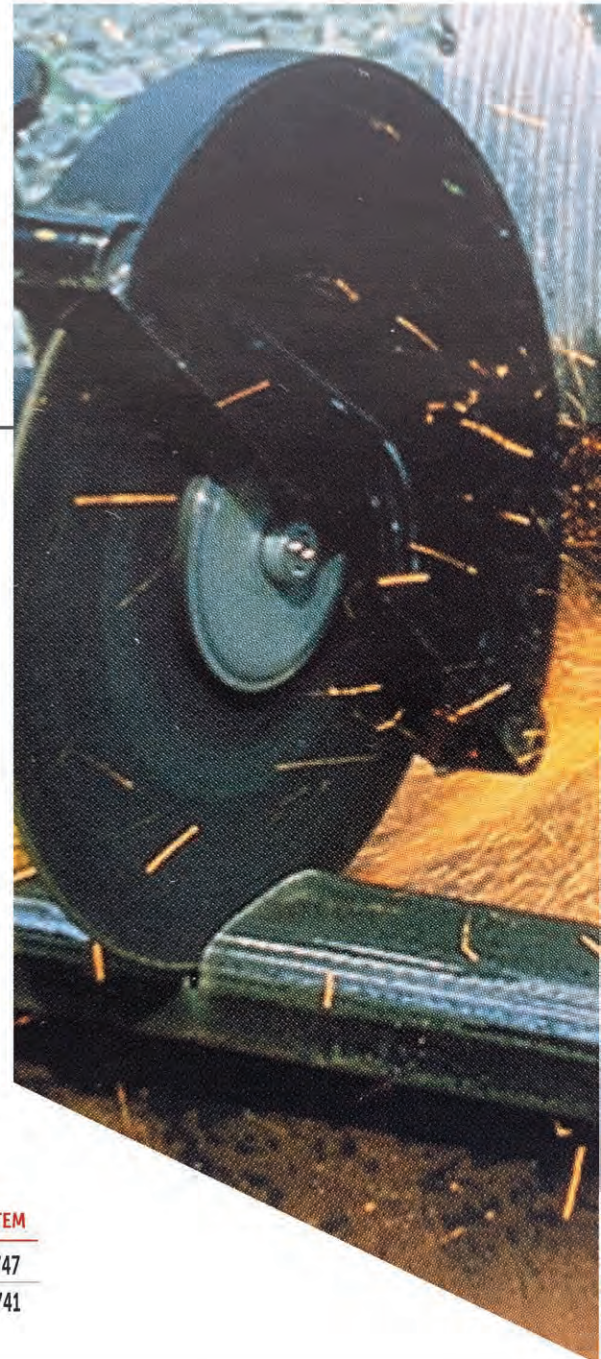
- **Specification: item 747: A30QBF3/100**  
**item 741: A308U8BFP8A2R**

► **Benefits**

- Fast cut with less effort.

T = 4 mm

TYPE	LINE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	Larga Duración	14"	5/32"	1"	5500	747
	<b>FASTCUT</b>	14"	5/32"	1"	5500	741







Cortadora Estacionaria

## ► Features

- Specification: A60N4BF58J CLASSIC  
89A60N5BF58K CLASSIC  
89A54JBF MET5 SOFT  
89A54LBF MET3 MEDIUM
- Manufactured with high purity grain.
- Very thin.
- Formula doesn't alter the microstructure of the material to be cut.

## ► Benefits

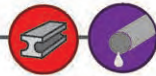
- SOFT: Quick and cooler cutting action.
- MEDIUM: Average duration and quick cut.
- CLASSIC A60: Long life.

T = 1.6 mm

TYPE	Ø	THICKNESS	HOLE	HARDNESS	MAX. RPM		ITEM
41	6"	1/16"	1"	Classic A60	10200	25	494
	7"	1/16"	1-1/4"	Classic a A60	8500		495
	8"	1/16"	1"	Classic A60	7650		497
			1-1/4"	Classic A60	7650		498
10"	1/16"	1-1/4" 32.00 mm	Soft	6150	576		
			Medium		579		

T = 2.5 mm

TYPE	Ø	THICKNESS	HOLE	HARDNESS	MAX. RPM		ITEM
41	12"	3/32"	1-1/4" 32.00 mm	1"	Classic 89A	10	583
				Soft	577		
				Medium	580		
				Classic 89A	582		
				1-1/4"	Classic 89A		584
				14"	3/32"		1-1/4" 32.00 mm
Medium	581						



Grinder

- ▶ **Item 761: A30UBFD**
- Item 730, 732 y 734: A308T7BFP9**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	1/16"	7/8"	13300		761
41	7"	1/8"	7/8"	8500	25	730
	8"	1/8"	7/8"	7650		732
	9"	1/8"	7/8"	6650		734



Circular Saw

- ▶ **Specification: A308T7BFP9**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	5/8"	8500	25	731



Cortadora Estacionaria

- ▶ **Specification: A308T7BFP9**
- item 1310 : A30RBF3**

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	10"	1/8"	1"	6150		736
41	12"	1/8"	1"	5100	10	738
	14"	1/8"	1"	4400		740
	16"	9/64"	1"	3850		1310

**Thickness = T mm**

- 1/16" = 1.6 mm
- 1/8" = 3.2 mm
- 9/64" = 3.5 mm

▶ **Features**

- Manufactured with high performance cutting bond.
- Built with two sided fiberglass reinforcements.

▶ **Benefits**

- The highest performance and safe operating cutting-off discs for hollow and solid materials.
- Fast cut.



# Long Life



Grinder

## Specification: A30R4BF56

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	9/64"	7/8"	8500		496
	8"	9/64"	7/8"	7650	25	499
	9"	9/64"	7/8"	6650		500

### Thickness = T mm

- 1/8" = 3.2 mm
- 9/64" = 3.5 mm
- 3/16" = 5 mm

## Features

- Built with high resistance central fiberglass mesh.
- High quality raw materials

## Benefits

- Safety and durability while cutting-off any ferrous metals' solid section.
- The best choice for high power machines.



Cortadora de 3.5 a 5 HP

## Specification: 50A46R4BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	14"	1/8"	1"	4400	10	519



Cortadora Estacionaria

## Specification: A24R4BF56

item 507: A24TBF561SAR

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	10"	9/64"	1"	6150		502
	12"	9/64"	1"	5100		503
	14"	9/64"	1"	4400	10	504
	16"	9/64"	1"	3850		505
	20"	3/16"	1-1/2"	3100		507

# chip-cut®



## Features

- Specification: A30QBF.**
- Reinforced central fiberglass mesh.
- Soft discs.

## Benefits

- High speed and safe cutting of solid metals up to thick section.
- Less burr cutting.
- Fast cut.



Grinder

T = 3 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	7/8"	8500	25	760
	9"	1/8"	7/8"	6650		762



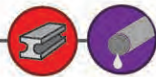
Circular Saw



## Tech - Tip

Excellent for iron works.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	5/8"	8500	25	759



## Features

- **Specification: A30TBF.**
- Soft discs.

## Benefits

- For general purpose.
- Fast cut.



### Tech - Tip

Item 2115 includes a rhombic center with a 5/8" borehole to mount in a circular saw.



Grinder

T = 2.4 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	3/32"	7/8"	13300		2113
41	7"	3/32"	7/8"	8500	25	2114
	9"	3/32"	7/8"	6650		2116



Circular Saw

T = 3 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	5/8"	8500	25	2115



## Features

- **Specification: A30PBF**
- Engineered with a reinforced central fiberglass mesh.
- Item 570 built with two sided mesh.

## Benefits

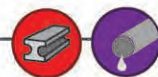
- Excellent blend of performance and price.
- Fast Cut.
- Soft cutting action.



Circular Saw

T = 3.2 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	5/8"	8500	25	570



## Features

- **Specification: A30PBF**
- Soft Cut.

## Benefits

- Affordable price.



Grinder

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
	4-1/2"	1/16"	7/8"	13300		786
41	7"	5/64"	7/8"	8500	25	787
	9"	1/8"	7/8"	6650		791



**Thickness = T mm**

- 1/16" = 1.6 mm
- 5/64" = 2 mm
- 1/8" = 3 mm



### Features

- Specification: A24P-ALU.
- Premium quality.

### Benefits

- Great performance.
- Cool and fast cut with minimum burr, generation.
- Won't clog.



T = 1.5 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	0.045"	7/8"	13300	50	892
	7"	0.045"	7/8"	8500	25	893

## Long Life



Grinder

### Specification: 1C30S4BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	9/64"	7/8"	8500		510
	8"	9/64"	7/8"	7650	25	512
	9"	9/64"	7/8"	6650		514



Cortadora Estacionaria

### Item 515 y 516: 1C24R4BF Item 517: 1C16T4BF

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	10"	9/64"	1"	6150		515
	12"	9/64"	1"	5100	10	516
	14"	5/32"	1"	4400		517



Cortadora de Pisos

### Item 530: 1C16U3BF Item 522: 1C16W4BF

TYPE	Ø	THICKNESS	HOLE	USE	MAX. RPM		ITEM
41	14"	3/16"	1"	Concreto viejo	4400	10	530
		3/16"	1"	Asfalto y Concreto verde	4400		522

### Features

- Manufactured with silicon carbide and reinforced with sided fiberglass meshes.

### Benefits

- Great speed and safe cutting of concrete, firebrick and building material.

**Thickness = T mm**  
 9/64" = 3.5 mm  
 5/32" = 4 mm  
 3/16" = 5 mm

# chip-cut®



### Features

- **Specification:**  
 item 573: 1C60T4BF  
 item 574 y 575: 1C24R3BF
- Great speed and safe cutting of concrete, firebrick and building material.

### Benefits

- High speed and safe cutting of solid metals up to thick section.
- Less burr cutting.
- Fast cut.

**Thickness = T mm**  
 1/16" = 1.6 mm  
 3/32" = 2.5 mm



Grinder

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	1/16"	7/8"	13300	25	573
	7"	3/32"	7/8"	8500		575



Circular Saw

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	3/32"	5/8"	8500	25	574

# EASY-CUT®



### Features

- **Specification: 1C30QBF EC**
- Manufactured with silicon carbide and two sided fiberglass reinforcement.

### Benefits

- For general purpose.
- Fast cut.



Grinder

**Thickness = T mm**  
 3/32" = 2.4 mm  
 1/8" = 3.2 mm

**Tech - Tip**

Item 2119 includes a rhombic center with a 5/8" borehole to mount in a circular saw.



Circular Saw

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	7"	1/8"	5/8"	8500	25	2119

TYPE	Ø	THICKNESS	HOLE	MAX. RPM		ITEM
41	4-1/2"	3/32"	7/8"	13300	25	2117
	7"	1/8"	7/8"	8500		2118
	9"	1/8"	7/8"	6550		2120

# TOTAL CUT

Multi-purpose disc



## Features

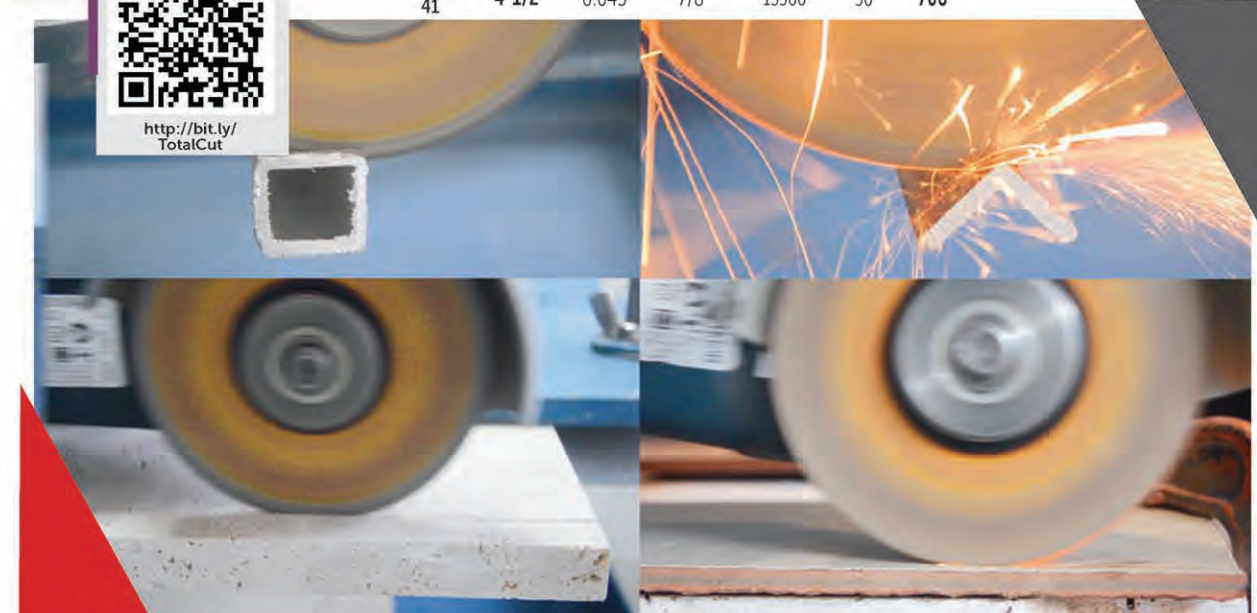
- Specification: 8C46TBF
- Delgado

## Benefits

- Doesn't clog.
- For multipurpose cut.



Grinder



TYPE	Ø	T = 1.1 mm THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.045"	7/8"	13300	50 708

## Minidiscs

For straight grinder or drill



## Features

- Specification:
  - item 527 y 501: A46U-BF
  - item 1316: AB60UBFA2/100
  - item 506: A60S3BF582JA
  - item 493: A369S4BF56
  - item 735: A30RBF3
  - item 509: 1C369T4BF37
- High quality fiberglass reinforced.
- Available in 3 different thicknesses

## Benefits

- Safe usage.
- Affordable.
- Versatile for grooving, cutting and removing small burrs.



Drill



Mototool



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	3"	1/8"	1/2"	20100	25 509



Item -506

- Clamshell 5 pieces

### Thickness = T mm

- 1/32" = 0.8 mm
- 0.04" = 1 mm
- 3/64" = 1.2
- 1/16" = 1.6 mm
- 1/8" = 3.2 mm



TYPE	LÍNEA	Ø	THICKNESS	HOLE	MAX. RPM	ITEM	
41	Long Life	3"	1/32	3/8"	25120	50 1316	
	Industrial		0.04"	1/4"			501
41	Long Life	3"	1/16"	1/4"	20100	25 506	
	Long Life		1/8"	1/2"			493
	FASTCUT		1/8"	1/4"			735
	Premium	4"	3/64"	3/8"	27690	50 527	

# TYROLIT Cera Bond



### Features

- Specification: CA60Q-BFKA, item 4256: CA30Q-BFKA
- Brand new technology that guarantees top performance and more work done in less time.

### Benefits

- 2 in 1: The same great performance for steel and stainless steel.
- Less downtime.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
		0.040"	7/8"		4250
41	4-1/2"	0.050"	7/8"	13300	4252
		1/16"	7/8"		4253
		7"	1/16"	8500	4254
		9"	5/64"	6650	4256

**Thickness = T mm**  
 0.04" = 1 mm  
 0.05" = 1.3 mm  
 1/16" = 1.6 mm  
 5/64" = 2 mm

ITEM	TYROLIT
4250	TYR 34241344
4252	TYR 34256272
4253	TYR 34256157
4254	TYR 34256275
4256	TYR 34256276

# TYROLIT PREMIUM



### Features

- Specification: clave 4255: CA60Q-BFKA, clave 4256: CA30Q-BFKA
- Its design eliminates cutting vibration and reduces dust generation by 30%.

### Benefits

- Menor tiempo de corte.
- High performance
- Long life.
- Avoids dulling due to cut material.

ITEM	TYROLIT
4251	TYR 840247
4255	TYR 525355

**Thickness = T mm**  
 0.04" = 1 mm  
 5/64" = 2 mm

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
41	4-1/2"	0.040"	7/8"	13300	4251
		7"	5/64"	8500	4255





# GRINDING WHEELS

# Technical Information

## Product Specification

It specifies the physical and chemical characteristics of the wheels:

1. Abrasive type
2. Size Grade Range
3. Hardness
4. Structure
5. Bond

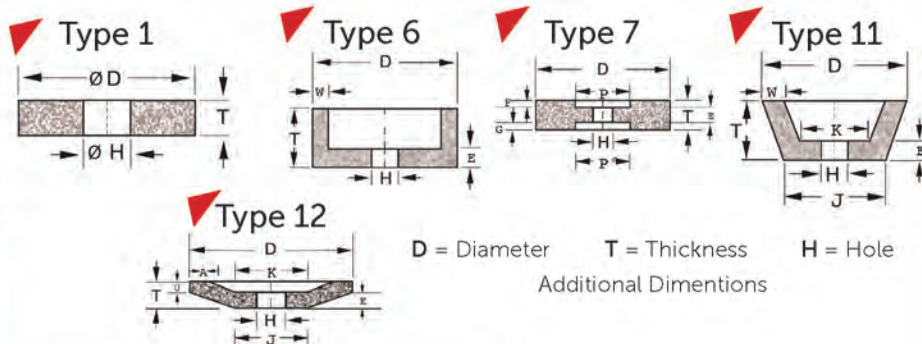
Abrasive Grain				Size Grade Range			Hardness			Structure		Bond
Aluminum Oxide	Silicium Carbide	Zirconium	Ceramic	Thick	Medium	Fine	Soft	Medium	Coarse	Closed	Open	
A	C	Z	SB	12	36	80	G	L	P	3	9	VA0
11A	1C			14	46	90	H	M	Q	4	7	VA1
30A	8C			16	54	100	I	N	R	5	8	VA4
50A				20	60	120	J	O	S		10	VA6
70A				24	70	150	K		T			VC6
82A				30		180			U			VK0
88A						220			V			VP4
89A						320			W			VT4
												VT9
												V
												B
												BSH

### Bond

	Bond Code	Features & Applications
Vitrified	VA0	Special for sharpening workshops thanks to its high removal rate with excellent surface finishes. For grinding flat and cylindrical surface, made out of carbon steel, high-speed steel and tool steel.
	VA1	Helps to maintain/preserve the profile of cutters, rotary burrs, drill bits and other high speed steel sharp tools.
	VA4	Excellent for sharpening flat or cylindrical surfaces of carbon steel, high-speed steel and tool grade steel.
	VA6	Ideal for heavy-duty grinding and sharpening applications of carbon steel, forged iron and different alloys.
	VC6	Maximum performance and operation duration in severe grinding and sharpening applications of cutting tool of tungsten carbide, cemented carbide, widia and carboloy tool.
	VK0	Used for gray a nodular foundry operations.
	VP4	Provides maximum performance in sharpening and grinding applications of tempered, high-speed and tool grade steels.
	VT4	High removal rate and performance in grinding and polishing applications opf mild, hard and cast steels.
	VT9	Of frequent use for grinding and polishing of mild, hard and cast iron.

	Bond Code	Features & Applications
Resin	V	Organic, fragile, and high- temperature resistance bond. Specially engineered for operations of high accuracy and quality surface finish.
	B	Organic, rigid, more tenacious and impact resistant bond (semi-flexible). Mainly used for giving and cutting off puposes which imply high removal rates.
	BSH	Great flexibility for grinding applications thanks to its high resistance. Used for several finishing and polishing stone applications.

## Wheel Types



## Conversion Chart

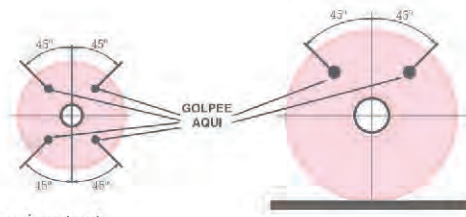
Diameter		Hole		Thickness	
Ø	mm	H	mm	T	mm
3"	76	3/8"	9.5	1/4"	6
4"	100	1/2"	12.7	1/2"	13
5"	125	5/8"	15.88	3/4"	20
6"	150	1"	25.4	1"	25
7"	180	1-1/4"	31.75	1-1/2"	40
8"	200	1-1/2"	38.1	2"	50
9"	230	2"	50	2-1/2"	65
10"	250	3"	76.2	3"	75
12"	300	5"	127	4"	100
14"	350	12"	304.8		
16"	400				
30"	762				

## Properties of aluminum oxide

Type	Description
A	Regular Aluminum Oxide is suitable for grinding soft steels, cast iron and weld seams.
11A	Aluminum Oxide has an excellent performance for grinding steels, malleable iron, wrought iron and other materials.
30A	Combination of regular and white aluminum oxide. It provides better cutting capacity than 11A.
50A	Combination of equal quantity of regular and white aluminum oxide. To work with low alloy steels mostly in external cylindrical grinding operations.
52A	Combination of ceramic grain and pink aluminum. Special for machining difficult steels in tangential and cylindrical grinding.
70A	Combination of regular and white aluminum with a higher percentage of the white one. Great cutting precision operation capacity.
88A	Pink aluminum oxide is ideal for tempered steels and cast iron.
89A	White aluminum oxide has the highest purity and friability. Due to its cold cut it provides excellent results when grinding hardened, cemented, high speed and tool steels.
91A	Ruby aluminum oxide of high hardness and friability. It maintains its profile when working with alloyed and tool steels.



## Safety Measures



1. Check that the wheel is not fractured. On vitrified bond wheels do the ring test.  
Tap the wheel gently with a non-metallic tool about 45 degrees from either side of the vertical centreline from the outside edge. The sound that gives an undamaged wheel is a clear ringing tone.
2. Before mounting the wheel, check the machine's spindle speed to ensure that it does not exceed the maximum operating speed marked on the wheel.
3. Always wear personal protective equipment such as dust mask, gloves, safety shoes, eye and ear protection.
4. Ensure that the safety guard is correctly positioned and securely fitted. (Safety guard must cover at least half of the wheel).
5. Ensure to use a matched pair of clean, recessed flanges. Flange bearing surfaces must be flat and free of any burrs or dirt buildup, otherwise don't use them.
6. Always use a wheel with a center hole size that fits snugly yet freely on the spindle without forcing it. Never attempt to alter the center hole.
7. Use the lock nut wrench to tight the clamp nut. Don't tight the mounting nut or locking flange excessively.
8. Allow newly mounted wheels to run at operating speed, with the guard in place, for a reasonable time (one minute at least) before cutting or grinding to ensure it's free from cracks or any type of structural damage.
9. Avoid stepping in front of the wheel when running. Use the correct abrasive product for your application.
10. Never grind on the face of a straight wheel unless it is specifically designed for it. Don't force grinding contact make it gently without bumping or gouging the wheel against the workpiece.
11. Always close the coolant switch before stopping the wheel to avoid creating unbalance conditions.

## Handling and Storage

Abrasive wheels are tools of great quality. Therefore they should always be handled adequately to guarantee a great performance and expected job results.

There are wheels that are more fragile than others. However, they must all be treated with the greatest care possible. Wheel should be handled carefully to avoid dropping and bumping, since this may lead to damage or cracks.

Las ruedas demasiado grandes para ser llevadas a mano no deben rodarse, sino ser transportadas con aparatos o medios adecuados.

Wheels should be carried, not rolled. If the wheel is too heavy to be carried safely by hand, use a hand truck, wagon or forklift truck with cushioning provided to avoid damage. While not in use, all abrasive wheels must be correctly protected.

A correct storage must allow one wheel to be removed without damaging the others and the arrangement should respond to the "first entrances first exists" system to avoid wheels' damage due to long storage periods

Storage shelves must be constructed and positioned according to user's needs but taking care of placing them in dry rooms that do not have extreme temperature changes. Some binders are especially vulnerable to extreme variations in temperature and humidity. Storage shelves should allow an organized and safe storage for each type of wheel



# VITRIFIED BONDED WHEELS

## High Performance General Purpose / 11A



### ► Features

- Aluminum oxide made with VA6 bond.
- Packed in a practical and resistant box.
- Plastic reducer to 1", 3/4", 5/8" and 1/2" included.

### ► Benefits

- Best option when rough-grinding and sharpening conditions of carbon steel, forge or other alloys require wheel high performance..



### Tech - Tip

Use the reducer suitable for the wheel bore that seats perfectly in the shaft of your grinder.



**Item 1**  
Packed in convenient blister



Individual packaging with plastic reducers for 6, 7 and 8 inches wheel.



Pedestal Grinder



Bench Grinder

TYPE	DIMENSIONS	GRIT	HARDNESS	FINISH	MAX. RPM		ITEM	DIMENSIONS	GRIT	HARDNESS	FINISH	MAX. RPM		ITEM
1	3"x1/2"x1/2"	60	N	Medium	10050	5	1	8"x3/4"x1"	60	N	Medium	3850	5	37
	4"x1/2"x1"	60	N	Medium	7650	5	4		24	Q	Coarse	3850		38
	4"x1"x1"	36	Q	Coarse	7650		5		36	Q	Coarse	3850		39
	5"x3/4"x1/2"	36	Q	Coarse	6150	5	6	8"x1"x1"	46	O	Medium	3850	4	40
	6"x1/2"x1"	36	Q	Coarse	5100	5	11		60	N	Medium	3850		41
		60	N	Medium	5100		12		80	M	Fine	3850		42
		24	Q	Coarse	5100		14	10"x1"x1"	24	Q	Coarse	3100		43
		36	Q	Coarse	5100		15		36	Q	Coarse	3100	1	44
	6"x3/4"x1"	46	O	Medium	5100	5	16		46	O	Medium	3100		45
		60	N	Medium	5100		17		60	N	Medium	3100		46
		80	M	Fine	5100		18	10"x1-1/2"x1-1/4"	24	Q	Coarse	3100		49
		24	Q	Coarse	5100		20		36	Q	Coarse	3100	1	50
		36	Q	Coarse	5100		21		46	O	Medium	3100		51
	6"x1"x1"	46	O	Medium	5100	4	22		24	Q	Coarse	2550		55
		60	N	Medium	5100		23	12"x1-1/2"x1-1/2"	36	Q	Coarse	2550	1	56
		80	M	Fine	5100		24		46	O	Medium	2550		57
		100	M	Fine	5100		25		60	N	Medium	2550		58
	7"x1/2"x1/4"	60	N	Medium	4250	5	26	12"x2"x1-1/4"	46	O	Medium	2550	1	65
	7"x3/4"x1"	80	M	Fine	4250		30		24	Q	Coarse	2550		66
		24	Q	Coarse	4250		31	12"x2"x1-1/2"	36	Q	Coarse	2550	1	67
		36	P	Coarse	4250	4	32		46	O	Medium	2550		68
		46	O	Medium	4250		33	14"x2"x1-1/2"	24	Q	Coarse	2550	1	72
		60	N	Medium	4250		34		36	Q	Coarse	2550		73

**EASY-CUT®**



General Purpose / 11A



► **Features**

- Aluminum oxide manufactured.
- Packed in a practical and resistant box.
- Plastic reductor to 1", 3/4", 5/8" and 1/2" included.

► **Benefits**

- • Best option for DIY.
- • For grinding and sharpening .



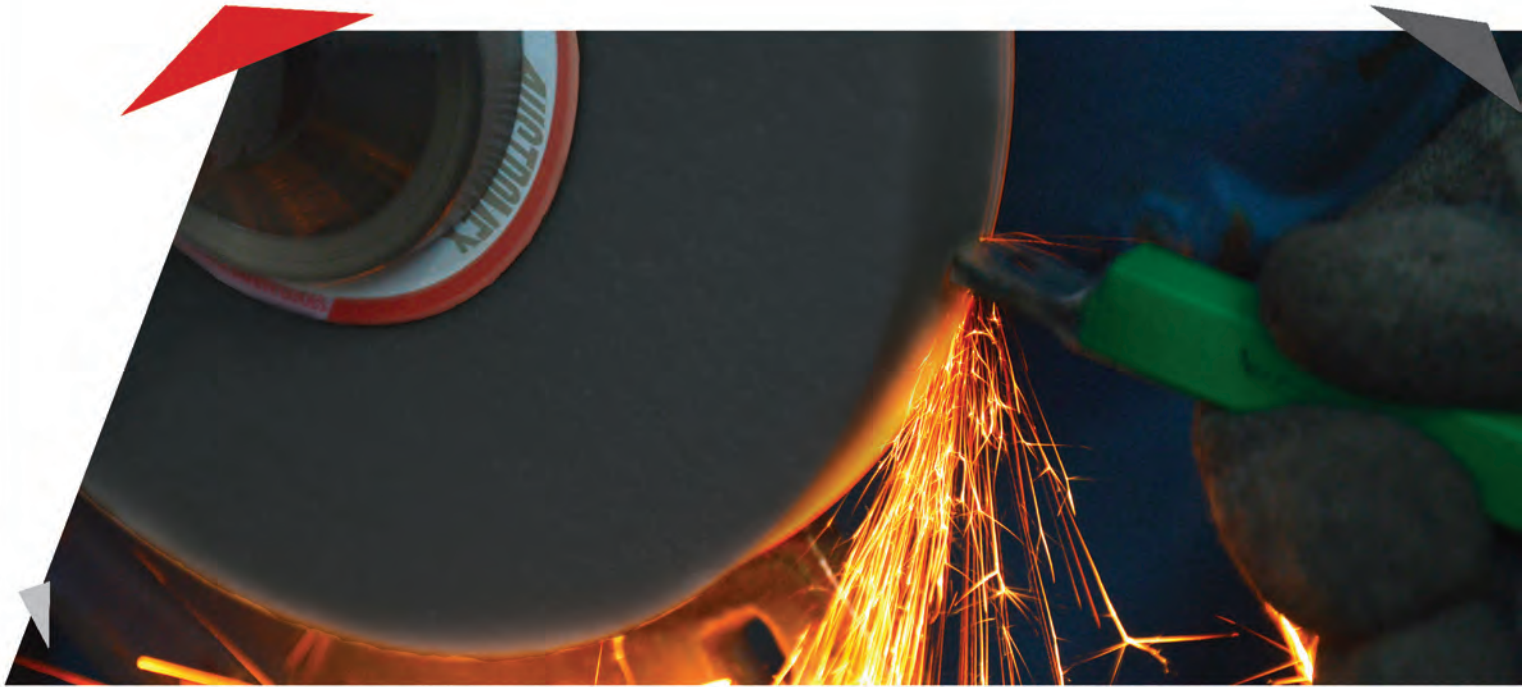
Individual packaging with plastic reducers



**Tech - Tip**

Use the reducer suitable for the wheel bore that seats perfectly in the shaft of your grinder.

TYPE	DIMENSIONS	GRIT	HARDNESS	FINISH	MAX. RPM		ITEM
	6"x3/4"x1"	36	P	Coarse	5100		7
		60	M	Medium	5100	5	8
		80	L	Fine	5100		9
1	6"x1"x1"	36	P	Coarse	5100		10
		60	M	Medio	5100	4	13
		80	L	Fine	5100		19
	8"x1"x1"	36	P	Coarse	3850		27
		60	M	Medium	3850	4	28
		80	L	Fine	3850		29



# High Performance Silicon Carbide



Carburo de Tungsteno



BONDED ABRASIVES

## Features

- Silicon carbide grain made.
- Packed in a practical and resistant box. Plastic reducer to 1", 3/4", 5/8" and 1/2" included.

## Benefits

- High performance long lasting wheels.
- For grinding and sharpening tungsten carbide tools.



Bench Grinder



Pedestal Grinder



Individual packaging with plastic reducers

TYPE	DIMENSIONES	GRIT	HARDNESS	FINISH	MAX. RPM		ITEM
1	6"x1/2"x1"	60	K	Medium	5100	5	225
		60	K	Medium	5100	5	229
	6"x3/4"x1"	100	K	Fine	5100	5	230
		60	K	Coarse	5100	5	232
	6"x1"x1"	100	K	Fine	5100	4	233
		120	J	Fine	5100	4	234
	7"x1"x1"	60	K	Medium	4250	4	242
		100	K	Fine	4250	4	243
		46	K	Coarse	3850	4	245
	8"x1"x1"	60	K	Medium	3850	4	246
		80	K	Fine	3850	4	247
		100	K	Fine	3850	4	248
10"x1"x1"	60	K	Medium	3100	1	250	
	80	K	Fine	3100	1	251	
12"x1-1/2"x1-1/4"	60	K	Medium	2550	1	252	
12"x2"x1-1/4"	60	K	Medium	2550	1	254	

**EASY-CUT®**  
Silicon Carbide



Carburo de Tungsteno



► **Features**

- Silicon carbide grain made.
- Packed in a practical and resistant box. Plastic reducer to 1", 3/4", 5/8" and 1/2" included.



Bench Grinder

► **Benefits**

- Best choice for grinding, dimensioning and sharpening at low cost.

TYPE	DIMENSIONS	GRIT	HARDNESS	FINISH	MAX. RPM		ITEM
1	6"x3/4"x1"	60	L	Medium	5100	5	226
		100	L	Fine	5100		228
1	6"x1"x1"	60	L	Medium	5100	4	231
		100	L	Fine	5100		238
1	8"x1"x1"	60	L	Medium	4250	4	239
		100	L	Fine	4250		244



Individual packaging with plastic reducers



**Tech - Tip**

Use the reducer suitable for the wheel bore that seats perfectly in the shaft of your grinder.

**Dressing Stones**



Hand Use

► **Features**

- **Item 465.** For wheels up to 400 mm diameter and "M" hardness or softer.
- **Item 487.** For all kind of wheels.

DIMENSIONS	SPECIFICATION		ITEM
3"x1/2"x1/4"	Tetrabor	1	465
6"x1"x1"	1C24Q2VC2	5	487





# TOOL ROOM

## Premium Grinding & Sharpening Blue / 3SB



### Features

- Ceramic alumina and white aluminum oxide blend.
- High-tech "VP4" bond.

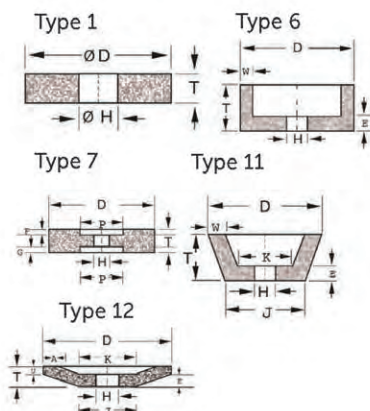
### Benefits

- Maximum performance in sharpening and grinding dimensioning applications of tempered, high-speed and tool grade (H,S,M,D,T and W) steel.
- Cooler cutting action



### Tech - Tip

Requires well-anchored machines and in optimal conditions to achieve greater productivity.



Type 6	W	E		
Item 917	10	10		
Type 7	P	P'	F	G
Item 918	150	150	13	13
Item 331	190	190	13	13
Type 11	W	E	J	K
Item 334	6	13	75	65
Type 12	E	J	K	A
Item 925	10	75	75	10

TYPE	DIMENSIONS	GRIT	HARDNESS	MAX. RPM	SPECIFICATION	ITEM
6	4"x1-1/2"x1-1/4"	80	L	6150	3SB80L7VP4	4 <b>917</b>
11		60	K	7650	3SB60K5VP4	1 <b>334</b>
12	6"x3/4"x1-1/4"	70	L	5100	3SB70L7VP4	5 <b>925</b>
	7"x1/4"x1-1/4"	54	K	4250	3SB54K1pVP1	1 <b>1015</b>
		80	J	4250	3SB80J1pVP1	1 <b>1016</b>
1		54	K	4250	3SB54K1pVP1	5 <b>1017</b>
	7"x1/2"x1-1/4"	60	L	4250	3SB60L7VP4	1 <b>911</b>
		80	K	4250	3SB80K7VP4	1 <b>912</b>
	8"x1/2"x1-1/4"	46	I	3850	3SB46I5VP4	1 <b>129</b>
1		80	J	3850	3SB80J1pVP1	5 <b>1018</b>
	8"x3/4"x1-1/4"	54	K	3850	3SB54K32VP4	1 <b>900</b>
1	10"x1"x3"	54	K	3100	3SB54K7VP4	1 <b>916</b>
1	12"x1"x3"	54	K	2050	3SB54K32VP4	1 <b>901</b>
	12"x2"x3"	46	K	2050	3SB46K7VP4	1 <b>918</b>
7	12"x2"x5"	54	K	2050	3SB54K32VP4	1 <b>331</b>
	14"x1"x5"	60	K	2200	3SB60K5VP4	1 <b>140</b>
1	14"x2"x5"	54	K	1750	3SB54K32VP4	1 <b>904</b>

# Grinding & Sharpening

White / 89A



Universal Grinder



Grinder

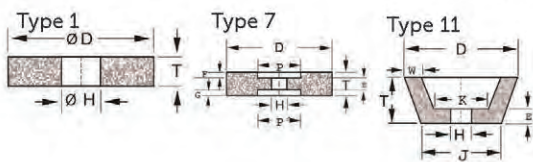


## Features

- White aluminum oxide grain with "VAO" bond.

## Benefits

- Excellent finishes.
- Fast stock removal.
- For grinding flat and cylindrical surfaces of carbon, highspeed and tool grade steel.
- Steel (H,S,M,T & W).



## Tech - Tip

Items 191 and 193 are super porous open structure wheels, best for grinding rubber (Max rpm 3400/32 m/s).

TYPE	DIMENSIONS	GRIT	HARDNESS	MAX. RPM	SPECIFICATION	ITEM
1	6"x1/4"x1-1/4"	60	K	5100	89A60K5V	174
		46	K	5100	89A46K5V	176
	6"x1/2"x1-1/4"	60	K	4250	89A60K5V	177
		80	J	4250	89A80J5V	178
	6"x3/4"x1-1/4"	60	K	5100	89A60K5V	181
11	6"x2"x1-1/4"	60	L	5100	89A60L4V	182
		46	L	5100	89A46L6V	316
	7"x1/2"x1-1/4"	46	J	4250	89A46J10VA0	191*
		46	K	4250	89A46K5V	192
		60	J	4250	89A60J10V	193*
1	7"x3/4"x1-1/4"	60	K	4250	89A60K5V	194
		80	J	4250	89A80J5V	195
	120	J	4250	89A120J5V	197	
	7"x3/4"x1-1/4"	60	K	4250	89A60K5V	199
	8"x1/2"x1-1/4"	60	K	3850	89A60K5V	200
	8"x3/4"x1-1/4"	46	K	3850	89A46K5V	201
		46	K	3850	89A46K5V	202
1	8"x3/4"x2"	60	K	3850	89A60K5V	203
		60	K	3850	89A60K5V	206
	8"x1"x1-1/4"	60	N	3850	89A60N6V	209
1	10"x1"x3"	46	K	3100	89A46K5V	210
		60	K	3100	89A60K5V	212
1	12"x1"x3"	46	K	2550	89A46K5V	329
		60	K	2550	89A60K5V	330
7	12"x2"x3"	46	K	2550	89A46K5V	214
		60	K	2550	89A60K5V	217
1	12"x1"x5"	60	K	2550	89A60K5V	218
		60	K	2550	89A60K5V	220
1	14"x1"x5"	60	K	2200	89A60K5V	221
		60	K	2200	89A60K5V	222
1	16"x1-1/2"x5"	60	K	1950	89A60K5V	221

Additional Dimensions in mm

Type 7	P	P'	F,G	E
Item 329 y 330	150	150	10	30

Type 11	W	E	J	K
Item 316	10	13	115	90





# Grinding 52A

Pink

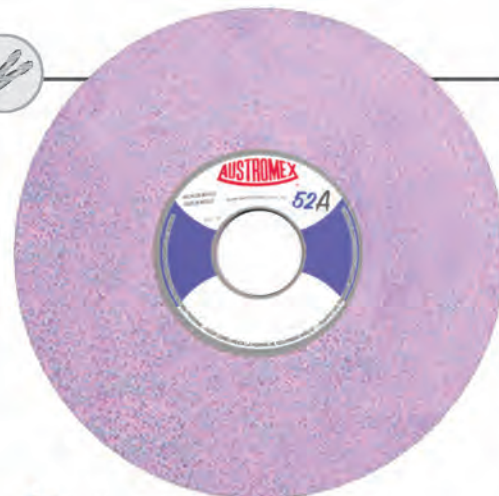


Universal Grinder



Grinder

Type 7	P	P'	F,G
Item 78	205	205	9.6



## Features

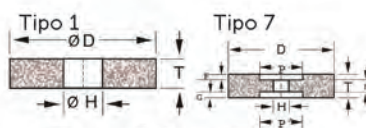
- Manufactured with ceramic alumina an premium pink aluminum-oxide blend.

## Benefits

- The best alternative for grinding operations, especially the flat surfaces or difficult-machine steel.
- Increased removal rate for greater cutting depths.
- Won't clog.
- Less tendency to burn (despite increased cutting depth ability) and uniform finishings.
- Retains angles and profiles.
- Great grain retention blend with excellent performance.

TYPE	DIMENSIONS	GRIT	HARDNESS	SPECIFICATION	MAX. RPM	ITEM
1	7"x1/4"x1-1/4"	54	J	52A54J1pVTR	4250	999 <del>1N</del>
		80	I	52A80I1pVTR	4250	1001 <del>1N</del>
		120	I	52A120I1pVTR	4250	1002 <del>1N</del>
1	7"x1/2"x1-1/4"	54	J	52A54J1J2pVTR	4250	70
		54	J	52A54J1pVTR	3850	1003 <del>1N</del>
1	8"x1/2"x1-1/4"	80	I	52A80I1pVTR	3850	1005 <del>1N</del>
		54	J	52A54J1J2pVTR	3850	71
1	10"x1"x3"	54	J	52A54J1J2pVTR	3100	74
1	12"x1"x5"	54	I	52A54I1I25VP1	2550	75
1	14"x1"x5"	54	I	52A54I1I25VP1	2200	76
1	14"x2"x5"	54	I	52A54I1I25VP1	2200	77
7	14"x2"x5"	54	I	52A54I1I25VP1	2200	78

Additional Dimensions in mm



# Grinding 91A

Ruby



Universal Grinder



Grinder



**NEW LINE**

## Features

- Coarse grain and sharp.
- High stock removal and high lifespan.

## Benefits

- For severe grinding operation of steel tools and high chrome steel.
- Retains angles and profiles.
- Excellent performance.

TYPE	DIMENSIONS	GRIT	HARD-	MAX. RPM	SPECIFICATION	ITEM
1	7"x1/4"x1-1/4"	54	J	4200	91A54J1pVH5	1094
		80	I	4200	91A80I1pVH5	1095
1	7"x1/2"x1-1/4"	54	J	4250	91A54J1pVH5	1096
		80	I	4250	91A80I1pVH5	1097
1	8"x1/2"x1-1/4"	54	J	3850	91A54J1pVH5	1098
		80	I	3850	91A80I1pVH5	1099

# Sharpening

Orange / 89A



### Features

- Orange color "VA1" bond.
- Blue color "VA4" bond.

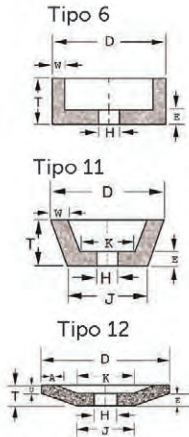
### Benefits

- Excellent for cutters, drill bits and several steel tools sharpening operations.
- For carbon steel high-speed and tool grade (H, S, M, D, T and W) flat and cylindrical surfaces sharpening applications. (H, S, M, D, T y W).
- Bond VA1: Keeps the profile very well.
- Bond VA4: Special for porous wheels.



### Tech - Tip

\*Item 320 for blades sharpening blades without workpiece burns.



Type 6	W	E		
Clave 313	10	10		
Clave 318	10	16		
Clave 320	25	20		
Clave 321	20	20		
Type 11	W	E	J	K
Clave 337, 338 y 339	6	13	75	65
Clave 340	6	13	95	65
Clave 342	10	13	115	90
Type 12	E	J	U	A
Clave 348	8	75	3	8
Clave 350	10	75	3	10

TYPE	DIMENSIONS	GRANO	HARDNESS	SPECIFICATION	MAX. RPM		ITEM
6	4"x1-1/2"x1-1/4"	60	K	89A60K5V	7650	4	313
		46	K	89A46K5V	7650	4	337
11	4"x1-1/2"x1-1/4"	60	K	89A60K5V	7650	4	338
		80	J	89A80J5V	7650	4	339
11	5"x2"x1-1/4"	60	K	89A60K5V	6150	4	340
1	6"x1/4"x1-1/4"	100	N	89A100N5V	5100	5	175
6	6"x2"x1-1/4"	60	K	89A60K5V	5100	4	318
11	6"x2"x1-1/4"	60	K	89A60K5V	5100	1	342
12	6"x1/2"x1-1/4"	60	K	89A60K5V	5100	5	348
		60	K	89A60K5V	5100	5	350
1	7"x1/8"x1-1/4"	120	K	87A120K5V	4250	5	188
		60	K	89A60K5V	4250	5	184
1	7"x1/4"x1-1/4"	80	L	89A80L4V	4250	5	185
		120	J	89A120J5V	4250		186
		150	J	89A150J5V	4250		187
6	7"x3"x1-1/4"	36	G	89A36G8V	3400	1	320*
6	7"x3"x3"	60	G	89A60G5V	3400	1	321*

Additional Dimensions in mm

# Sharpening

Silicon Carbide - Green

Carburo de Tungsteno

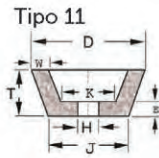


## Features

- Green silicon carbide made with "VC6" bond.

## Benefits

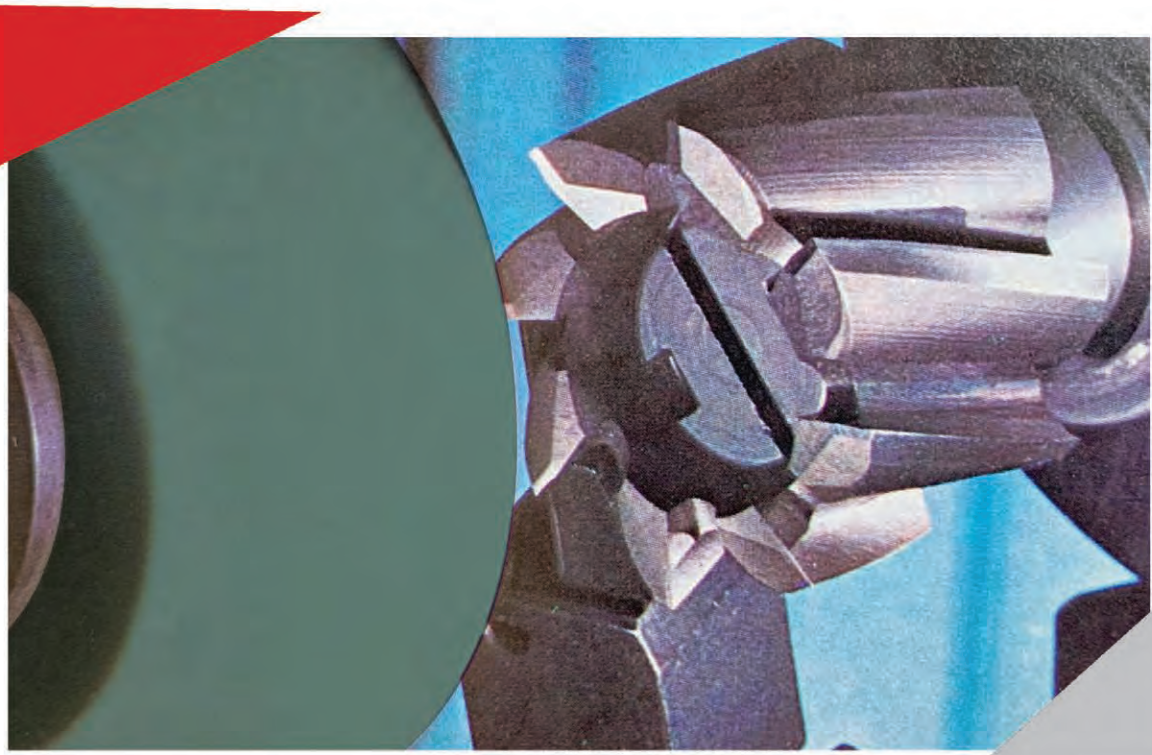
- Great performance and long life blend in heavyduty sharpening (shaping) and grinding. operations of tungsten carbide, cemented carbide, widia and carboloy tools.



TYPE	DIMENSIONS	GRIT	HARDNESS	SPECIFICATION	MAX. RPM		ITEM
11	4"x1-1/2"x1-1/4"	60	J	C60J5VC6	7650	4	1303
	6"x1/4"x1-1/4"	100	K	C100K5VC6	5100	5	224
	6"x1/2"x1-1/4"	80	K	C80K5VC6	5100	5	227
1	6"x1"x1-1/4"	46	J	C46J5VC6	5100		235
		60	K	C60K5VC6	5100	4	236
		80	K	C80K5VC6	5100		237
1	7"x1/2"x1-1/4"	60	K	C60K5VC6	4250	5	240
		100	K	C100K5VC6	4250		241

Additional Dimensions in mm

Type 11	W	E	J	K
Item 1303	6	13	75	65



# RESIN BONDED WHEELS

## Resin Bonded



### OS<sup>+</sup> Type 1

#### ► Features

- Aluminum Oxide grain with resinous bond.

- **Specification:** Item 1328: PZC129R5BF  
Item 1329: 5ZZ16P4B25K  
Item 260: 1ZA14O5BF2

#### ► Benefits

- Great for all kind of (foundry cast) steel and structures tanks and tubes welding.

Item 261: 5KZN124KSBF



## Aluminum Oxide



Mototool

DIMENSIONS	GRIT	HARDNESS	MAX. RPM	MAX. m/s		ITEM
2"x1/2"x3/8"	46	P	19100	50	5	272
2-1/2"x1/2"x3/8"	30	R	15200	50	5	274



Straight Grinder

DIMENSIONS	GRIT	HARDNESS	MAX. RPM	MAX. RPM		ITEM
6"x1"x5/8"	24	Q	6400	50	4	276
6"x1"x5/8"	24	R	8050	63	4	277*
9"x1/4"x5/8"	4ZA249T 3B422K		6650	80	25	370*



Bench Grinder

DIMENSIONS	GRIT	HARDNESS	MAX. RPM	MAX. m/s		ITEM
8"x1"x1"	20	R	4800	50	4	279
10"x1"x1-1/2"	20	R	3850	50	1	280



Pedestal Grinder

DIMENSIONS	GRIT	HARDNESS	MAX. RPM	MAX. RPM		ITEM
12"x2"x1-1/2"	16	S	3200	50	1	282
14"x2"x1-1/2"	14	S	2750	50	1	284
16"x2"x1-1/2"	20	R	2400	50	1	286

## Zirconium



Straight Grinder

DIMENSIONS	MAX. RPM	MAX. m/s		ITEM
6"x1"x5/8"	8050	80	4	1328*

DIMENSIONS	MAX. RPM	MAX. m/s		ITEM
12"x2"x1-1/2"	3200	50	1	1329

## Gray



Pedestal Grinder

DIMENSIONS	MAX. RPM	MAX. m/s		ITEM
30"x2"x12"	1650	63	1	260*



Pedestal Grinder



Hierro Gris

## Nodular



Pedestal Grinder

DIMENSIONS	MAX. RPM	MAX. m/s		ITEM
30"x2"x12"	1650	63	1	261*



Hierro Nodular

\* F iberglass Reinforced



# Sharpening / Mining / Drilling

Silicon Carbide/ Green



## Features

- Green Silicon Carbide grain.
- "VC6" bond.

## Benefits

- Outstanding cutting power with medium finish in sharpening applications of augers drill bits, and burins for mining industry.

TYPE	DIMENSIONS	GRIT	HARDNESS	SPECIFICATION	ITEM
6	5"x2-1/2"x1-1/4" W=22 E=13	54	K	6150 4	324
6	8"x4"x1-1/4" W=25 E=25	60	J	3850 1	326

Medidas Adicionales en mm

# Non-Ferrous Metals

Silicon Carbide/ Black



## Features

- Black Silicon Carbide grain.
- **Specification: 1C20R5VC1**

## Benefits

- Exceptional grinding power for all kind of nonferrous metals, gray foundry and natural stone.
- For grinding tungsten carbide welding.
- Reconditioning of various tools (foundry) for drilling: augers, steel wedges, chisels and drill bits.

TYPE	DIMENSIONS	GRIT	HARDNESS	MAX. RPM	ITEM
1	12"x2"x1-1/2"	20	R	2550 1	263



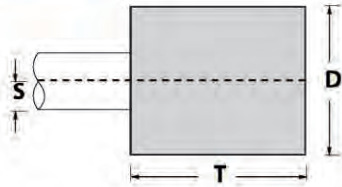
# MOUNTED POINTS





# Technical Information

## Type



D = Diameter    T = Thickness    S = Shank

Divided into 3 types according to its geometric shape:

1. Type "A" Mounted Points 1/4" shank and variable geometry of the abrasive body.
2. Type "B" Mounted Points 1/8" shank and variable geometry of the abrasive body.
3. Type "W" Mounted Points 1/4" shank or 1/8" shank and cylindrical shape.

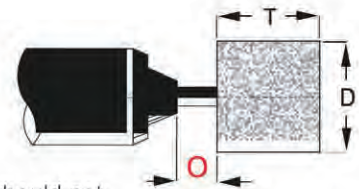
## Conversion Chart

Diameter		Shank		Thickness	
Ø	mm	S	mm	T	mm
1/8"	3.2	1/8"	3.2	3/16"	5
1/4"	6	1/4"	6.4	1/4"	6
5/16"	8			3/8"	10
3/8"	10			5/8"	16
1/2"	13			3/4"	20
5/8"	16			1"	25
11/16"	18			1-1/8"	29
3/4"	20			1-3/16"	30
7/8"	22			1-1/4"	32
1"	25			1-1/2"	38
1-1/8"	29			2"	50
1-1/4"	32			2-1/2"	65
1-3/8"	35			2-3/4"	70
1-1/2"	40				



## Safety Measures

- ✓ The distance "O" between the nozzle of the grinder and the abrasive body should not be more than half an inch.
- ✓ The distance "O" between the nozzle of the straight grinder and the abrasive body, in case of a pneumatic tool, should be zero.
- ✓ For greater performance it's imperative to operate the mounted point at maximum permitted rotational speed.
- ✗ Avoid using chipped or unbalanced mounted points.
- ✗ Never force grinding contact, make it gently without bumping the point against the workpiece.
- ✗ Never exceed maximum permissible rotational speeds in order to avoid buckling of the shank during use.
- ✗ Do not exceed the distance "O".
- ✓ Use el equipo de protección adecuado (mascarilla, gafas y tapones de seguridad).

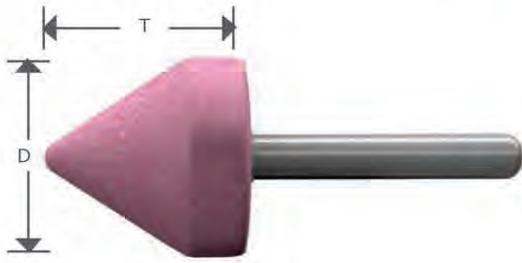


For other special types, with different shank diameter indicated or with a longer length in "O", consult your technical advisor or contact our customer service center for more information.

For more information about ANSI B7.1 standard, please visit: [www.ansi.org](http://www.ansi.org)

# General Purpose

Pink/ 88A / Liga VT9



### Features

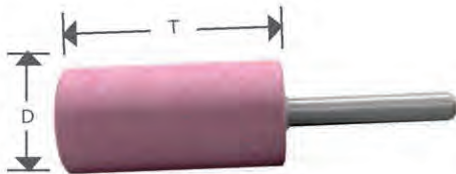
- Pink color aluminum oxide grain 88A.

### Benefits

- For grinding, deburring and finishing purposes foundry and non-ferrous metals
- Great performance and excellent finishes.
- Great variety of shapes and sizes.

## Type "A" Shank 1/4"

SHAPE	TIPO	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A					
		D x T			
	A-1	3/4"x2-1/2"		19800	391
	A-3	1"x2-3/4"		16100	392
	A-4	1-1/4"x1-1/4"		30560	393
	A-5	3/4"x1-3/16"	88A60P6V	45000	394
	A-11	7/8"x2"		19860	395
	A-12	11/16"x1-1/4"		48000	396
	A-13	1-1/8"x1-1/8"		33950	397
	A-15	1/4"x1"		72750	398
	A-24	1/4"x3/4"	88A90O6V	76500	400
	A-25	1"		35620	401
	A-31	1-3/8"x1"	88A60P6V	27780	402
	A-34	1-1/2"x3/8"		25470	404
	A-36	1-1/2"x3/8"	88A90O6V	23520	405
	A-37	1-1/4"x1/4"		30560	406
	A-38	1"x1"	88A60P6V	34500	407
	A-39	3/4"x3/4"		47250	408



## Type "W" Shank 1/8" / 1/4"

SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type W					
		D x T x V			
	W-144	1/8"x1/4"x1/8"	88A90O6V	105000	440
	W-160	1/4"x1/4"x1/8"		81370	442
	W-187	1/2"x1"		40500	448
	W-188	1/2"x1-1/2"		30370	449
	W-220	1"x1"	88A60P6V	25500	453
	W-222	1"x2"		15900	454
	W-232	1-1/4"x2"		14250	456
	W-235	1-1/2"x1/4"		25470	457
	W-236	1-1/2"x1/2"		25470	458

20 pieces



## Type "B" Shank 1/8"

SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type B					
		D x T			
	B-44	1/4"x3/8"	88A90O6V	68400	420
	B-52	3/8"x3/4"	88A60P6V	45370	421
	B-53	1/4"x5/8"		60000	422
	B-71	5/8"x1/8"	88A90O6V	61120	425
	B-81	3/4"x3/16"		50930	427
	B-91	1/2"x5/8"	88A60P6V	34500	428
	B-96	1/8"x1/4"		105000	430
	B-97	1/8"x3/8"	88A120N6V	105000	431
	B-131	1/2"x1/2"		34500	434
	B-132	3/8"x1/2"	88A60P6V	45370	435
	B-134	5/16"x3/8"		61650	437
	B-135	1/4"x1/2"	88A90O6V	60000	438



### Item 755 Mounted Points Set

Includes:

- B-53
- A-39
- A-25
- A-5
- B-52

## High Performance

Blue / 89A / VT4 Bond




### ► Feature










- Manufactured with aluminum oxide and VT4 bond.
- 1/4" Shaft.

### ► Benefit

- High removal rate blended with great grinding and polishing performance for soft, hard and foundry steel applications.

 20 pieces



SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A		D x T			
	A-1	3/4"x2-1/2"	89A54P3VT4	19800	610
	A-3	1"x2-3/4"		16100	611
	A-11	7/8"x2"		19860	612
	A-15	1/4"x1"		72750	613
	A-24	1/4"x3/4"		76500	614
	A-36	1-1/2"x3/8"		23520	615
	A-37	1-1/4"x1/4"		30560	616
	A-38	1"x1"		34500	617
Type W		D x T			
	W-222	1"x2"	89A54P3VT4	15900	618

## General Purpose

White / 89A / VAO Bond




### ► Feature

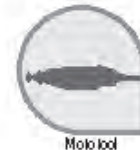
- White aluminum oxide grain.
- 1/4" Shaft.













### ► Benefits

- Excellent for finishing and grinding of all kind of carbon steels, mainly for internal grinding.
- Low cost.



 20 pieces



SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM	
Type A		D x T				
	A-1	3/4"x2-1/2"	89A60Q	19800	415	
	A-3	1"x2-3/4"		16100	416	
	A-11	7/8"x2"		19860	417	
	A-15	1/4"x1"		72750	423	
	A-24	1/4"x3/4"		76500	424	
	A-36	1-1/2"x3/8"		23520	426	
Type W		D x T				
	W-187	1/2"x1"		89A60Q	40500	432
	W-188	1/2"x1-1/2"	30570		433	
	W-220	1"x1"	25500		436	
	W-222	1"x2"	15900		439	
	W-235	1-1/2"x1/4"	25470		441	
	W-236	1-1/2"x1/2"	25470		443	

# Stainless Steel



Brown / A

### Features

- Brown color aluminum oxide grain (A24).
- Resin bond.
- 1/4" Shaft.

### Benefits

- For hard metals and stainless steel grinding



20 pieces



Mototool



SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A		D x T			
	A-1	3/4"x2-1/2"		19800	412
	A-3	1"x2-3/4"	A249S5B	16100	413
	A-11	7/8"x2"		19860	414
Type W		D x T			
	W-222	1"x2"	A249S5B	15900	461



### Tech - Tip

Item 461 free of iron, chlorine and sulfur. Will not contaminate stainless steel



# Foundry



Gray / 70A

### Features

- Gray color aluminum oxide grain (70A)
- 1/4" Shaft.

### Benefits

- Specially engineered for gray and nodular foundry grinding applications



Mototool



SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A		D x T			
	A-3	1"x2-3/4"	70A36S5VK0	16100	410
	A-11	7/8"x2"		19860	411

# Stone Green / C



## Features

- Green silicon carbide grain (C).
- 1/4" Shaft.

## Benefits

- Good cutting speed
- Does not get dull.



20 pieces

SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A		D x T			
	A-1	3/4"x2-1/2"	C3605VY0	19800	445
	A-3	1"x2-3/4"		16100	446
	A-11	7/8"x2"		19860	447



# Pulido Cotton Fibre



CERTIFIED  
Fe, S, Cl Free  
No Contamination

## Features

- Cotton fiber / Aluminum oxide blend.
- **Specification A54MTX.** Medium hardness and resistant bond.
- **Specification A80GFX.** Soft and flexible bond.

## Benefits

- Great for stainless steel, aluminum and other non-ferrous metals deburring and finishing applications.
- High quality finishings.
- Won't get clog.
- Deburring and finishing in one step.
- Controlled material removal.
- Doesn't alter workpiece geometry.



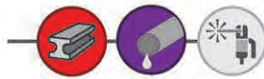
10 pieces



SHAPE	TYPE	DIMENSIONS	SPECIFICATION	MAX. RPM	ITEM
Type A		D x T x V			
	A-3	1"x2-3/4"x1/4"	A54MTX	16100	1220
			A80GFX	16100	1221
	A-15	1/4"x1"x1/4"	A80GFX	72750	1223
Type B					
	B-52	3/8"x3/4"x1/8"	A80GFX	45370	1224
	B-121	1/2"x1/8"		45370	1225
Type W					
	W-163	1/4"x1/2"x1/8"	A80GFX	60000	1226
	W-177	3/8"x3/4"x1/8"		33750	1227
	W-185	1/2"x1/2"x1/8"		34500	1228
	W-220	1"x1"x1/4"		25500	1229

# Cups Type 11

Metal



## Features

- Thread included:  
5/8"-11, M14-2.
- Grit 16 and 24.
- 2" thickness."

## Benefits

- One cup for each need.
- The best choice for steel plate beveling.
- Very high removal capacity.
- Efficient grinding of edges and large burrs such as those produced during oxy cutting.



LINE	Ø	THICKNESS	HOLE	SPECIFICATION	MAX. RPM		ITEM
MAGMA	4"	2"	5/8"-11H	A24S4B	9550	8	353
IMPERIAL	5"	2"	5/8"-11H	1AZ162V	7650	8	343
MAGMA	5"	2"	5/8"-11H	A24R4B	7650	8	355
			M14-2	A24R3B			354
KREATOR	5"	2"	5/8"-11H	A24QB	7650	8	1355
			M14-2	A24QB			1365
EASYCUT	5"	2"	5/8"-11H	A24PB	7650	8	2355
			M14-2	A24PB			2354
MAGMA	6"	2"	5/8"-11H	A20T3B	6400	1	357

**Diameter = Ø in mm**

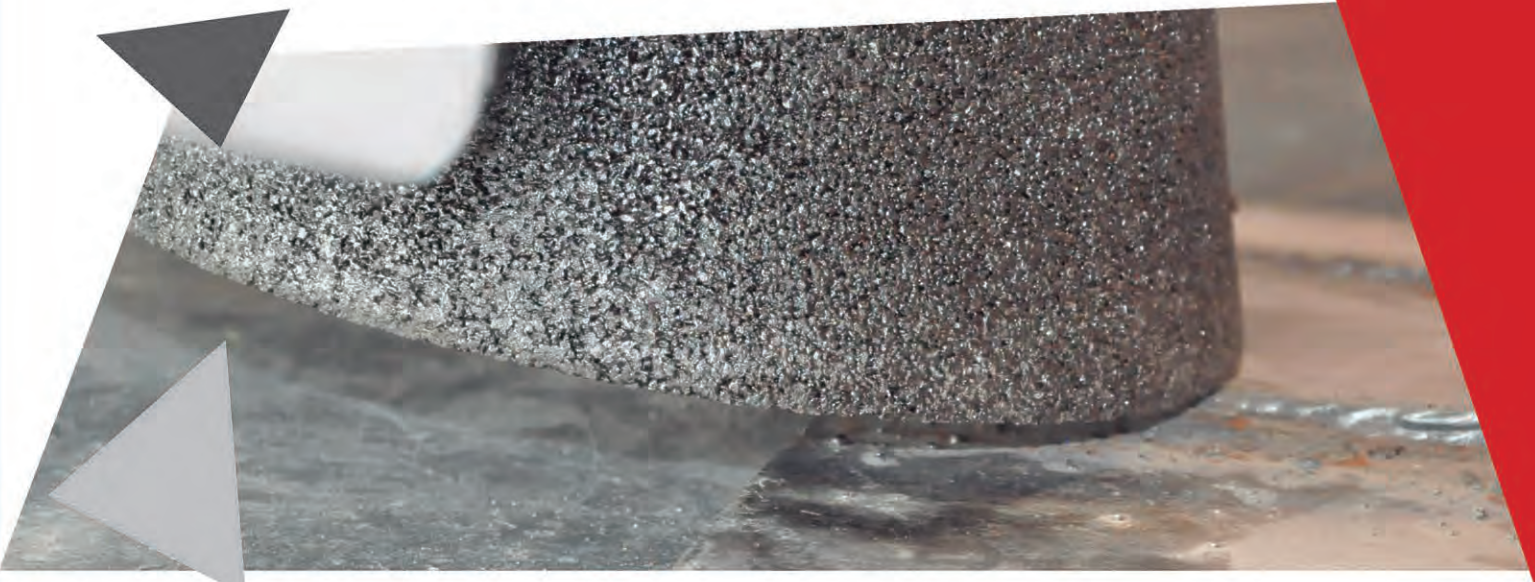
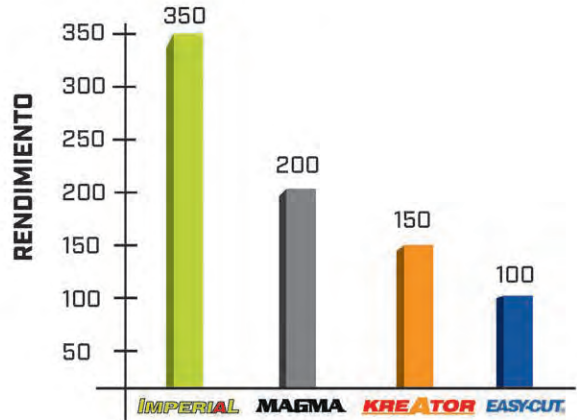
- 4" = 100 mm
- 5" = 125 mm
- 6" = 150 mm

**Thickness = T in mm**

- 2" = 50 mm

**Hole = H in mm**

- 5/8" = 15.88 mm



# Cups Type 11

Stone



## ► Features

- Black silicon carbide grain.

## ► Benefits

- Optimum performance on grinding and polishing operations of stone, concrete, marble and granite.

Diameter = Ø in mm  
 3-5/32" = 80 mm  
 5" = 125 mm

Thickness = T in mm  
 1-3/4" = 45 mm  
 2" = 50 mm

Hole = H en mm  
 5/8" = 15.88 mm



## MAGMA

Ø	THICKNESS	HOLE	SPECIFICATION	FINISH	MAX. RPM		ITEM
3-5/32"	1-3/4"	5/8"-11 H	1C3604B	Medio	12000	4	1292
			1C6004B	Medio			1294
			1C8004B	Fino			1284
			1C12004B	Fino			1286
3-5/32"	1-3/4"	M14-2	1C3604B	Medio	12000	4	1293
			1C6004B	Medio			1295
			1C8004B	Fino			1283
			1C12004B	Fino			1285
5"	2"	5/8"-11 H	1C16P4B	Burdo	7650	8	362
			1C24P4B	Burdo			352
			1C3604B	Medio			356
			1C6004B	Medio			361
5"	2"	M14-2	1C8004B	Fino	7650	8	364
			1C12004B	Fino			365
			1C16P4B	Burdo			358
			1C24P4B	Burdo			346
5"	2"	M14-2	1C3604B	Medio	7650	8	349
			1C6004B	Medio			351
			1C8004B	Fino			360
			1C12004B	Fino			345

## KREATOR

Ø	THICKNESS	HOLE	SPECIFICATION	FINISH	MAX. RPM		ITEM
5"	2"	5/8"-11 H	1C16PB	Burdo	7650	8	1349
			1C24PB	Burdo			1350
			1C360B	Medio			1351
			1C60NB	Medio			1362
5"	2"	M14-2	1C80NB	Fino	7650	8	1353
			1C120MB	Fino			1354
			1C16PB	Burdo			1359
			1C24PB	Burdo			1360
5"	2"	M14-2	1C360B	Medio	7650	8	1361
			1C60NB	Medio			1362
			1C80NB	Fino			1363
			1C120MB	Fino			1364

## EASYCUT<sup>®</sup>

Ø	THICKNESS	HOLE	SPECIFICATION	FINISH	MAX. RPM		ITEM
3-5/32"	1-3/4"	5/8"-11 H	1C36NB	Medio	12000	4	1270
			1C60NB	Medio			1272
			1C80NB	Fino			1274
3-5/32"	1-3/4"	M14-2	1C36NB	Medio	12000	4	1271
			1C60NB	Medio			1273
			1C80NB	Fino			1275



# Shellac Cup



## Features

- Black silicon carbide, cork and brightening agents blend.
- Enhanced reformulation.

## Benefits

- Optimum performance for polishing of marble, granite and terrazzo.



Ø	THICKNESS	HOLE	SPECIFICATION	COLOR	MAX. RPM		ITEM
3-5/32"	1-3/4"	5/8"-11H	1C3NB	Gris	11936	4	1288
			1C4NB	Verde			1290
3-5/32"	1-3/4"	M14-2	1C3NB	Gris	11936	4	1289
			1C4NB	Verde			1291
5"	2"	5/8"-11H	1C3NB	Gris	6500	8	550
			1C4NB	Verde			551
5"	2"	M14-2	1C3NB	Gris	6500	8	552
			1C4NB	Verde			553

### Diameter = Ø in mm

3-5/32" = 80 mm  
5" = 125 mm

### Thickness = T in mm

1-3/4" = 45 mm  
2" = 50 mm

### Hole = H en mm

5/8" = 15.88 mm



# Metal and Foundry / Zirconium

## Features

- Specification 5ZZ24T4B16J
- Alumina-zirconia blend easy mounting

## Benefits

- Excellent performance and stock removal.
- For steel, iron, welding and foundry grinding operations.



### Diameter = Ø in mm

1-3/4" = 45 mm

### Thickness = T in mm

3" = 74 mm

### Hole = H en mm

5/8" = 15.88 mm



TYPE	Ø	THICKNESS	HOLE	SPECIFICATION	MAX. RPM		ITEM
16							1323
18	1-3/4"	3"	5/8"-11H	5ZZ24T4B16J	18000	8	1324
18R							1325

# Classic



# Desbaste metal y Fundición / Aluminum Oxide

## Features

- Fabricados con óxido de aluminio grano grueso resinoso.
- Specification A16/24 S4B for steel.
- Specification 70A24R5V vitrified for foundry.

## Benefits

- High stock removal of steel, iron and welding



### Diameter = Ø in mm

1-1/4" = 32 mm  
1-3/4" = 45 mm  
2" = 50 mm  
2-3/4" = 70 mm

### Thickness = T in mm

2" = 50 mm  
3" = 74 mm  
3-1/2" = 90 mm

### Hole = H en mm

3/8" = 9.5  
5/8" = 15.88 mm



### Tech - Tip

Item 363 special vitrified bond for gray and nodular foundry

TYPE	Ø	THICKNESS	HOLE	SPECIFICATION	USO	MAX. RPM		ITEM
18R	1-1/4"	2"	3/8"-16H	A24S4B	Acero	25000	10	369
16	1-3/4"	3"	5/8"-11H	A24S4B	Acero	18000	8	589
18	1-3/4"	3"	5/8"-11H	A24S4B	Acero	18000	8	379
18R	1-3/4"	3"	5/8"-11H	A24S4B	Acero	18000	8	371
18R	1-3/4"	3"	M14-2	A24S4B	Acero	18000	8	540
16	2"	3"	5/8"-11H	70A24RSV	Fundición	13500	8	363
18R	2-3/4"	3-1/2"	5/8"-11H	A16S4B	Acero	12000	10	373



# Bricks



## Features

- Silicon carbide grain (8C).
- SHELLAC: Contains cork and polishing agents
- 200 x 75 x 50 mm.

## Benefits

- Unbeatable grinding and polishing performance of marble, granite, concrete and terrazzo floors.



## Classic

DIMENSIONS	SPECIFICATION	FINISH		ITEM
8"x3"x2"	8C12R5V	Coarse		486
	8C16R5V	Coarse		490
	8C24R5V	Coarse		488
	8C36P5V	Coarse	4	489
	8C80O5V	Medium		491
	8C120N5V	Medium		492
	8C220M5V	Fine		472



## Shellac

DIMENSIONS	SPECIFICATION	COLOR		ITEM
8"x3"x2"	1C3BPE	Gris	4	548
	1C4BPE	Verde		549

# Scythe Stone



## Features

- Specification 1C120L5VC2 - Item 485.
- Specification 1C90 Chip Cut - Item 2495.
- Silicon carbide grain.
- 230 x 35 x 13 mm.

## Benefits

- Excellent for sharpening machetes, scythes, sickles and knives.
- Item 485 can be used for glass bevelling.
- Item 2495 sharpens faster.



Hand Use

## Classic

TYPE	DIMENSIONS	SPECIFICATION		ITEM
LL91C	9"x1-3/8"x1/2"	1C120L5	5	485

## chip-cut

TYPE	DIMENSIONS	SPECIFICATION		ITEM
LL91C	9"x1-3/8"x1/2"	1C90	5	2495

# Sharpening Stones



## Features

- Classic: Aluminum Oxide, fine grain (white) and coarse grain (brown).
- HUM: Silicon Carbide in G 120 (Medium) and G 240 (Fine).
- Item 1186: Fine grains.

## Benefits

- Fine and coarse grit size combination.
- Silicon Carbide is best for sharpening quickly and aluminum oxide and for longer lasting cutting edges.
- Hum: For knives, scissors, etc. sharpening.
- Item 1186: Special for sharpening knives.



## Classic

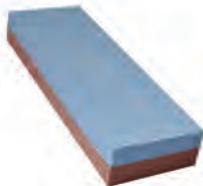
TYPE	DIMENSIONS	GRIT	SPECIFICATION		ITEM
LC-4	4"x2"x1"	fine 50% coarse 50%	89A320 11A120		476
LC-6	6"x2"x1"	fine 50% coarse 50%	89A320 11A120		467
LCA-15	6"x2"x1"	fine 30% coarse 70%	89A220 11A120	10	483
LCA-20	8"x2"x1"	fine 30% coarse 70%	89A220 11A120		484
LC-8	8"x2"x1"	fine 50% coarse 50%	89A320 11A120		468



**HUM**

DIMENSIONS	GRIT		ITEM
7"x2-3/8"x1-3/16"	400 1000	1	1186

TYPE	DIMENSIONS	SPECIFICATION		ITEM
LC-4	4"x2"x1"	1C120LV 1C240LV		462
LC-6	6"x2"x1"	1C120LV 1C240LV	10	463
LC-8	8"x2"x1"	1C120LV 1C240LV		464



# Mold Files



DIMENSIONS	SHAPE		ITEM
4"x3/8"x3/8" 100 x 10 x 10 mm	25M	10	471
	35M		477
	45M		479
4"x1/2"x1/2" 100 x 13 x 13 mm	26M	10	473
	36M		478

## Features

- First quality aluminum oxide grain.
- **Specification: 89A24005V**

## Benefits

- Excellent for sharpening or seating edges of different types of tools.



### Tech - Tip

Special engineered for molds.

**TYROLIT**

## Mold Files



## Features

- Made with white aluminum oxide.
- Super fine grit
- 150 x 13 x 6 mm.
- **Specification: Item 4283: 89A400-54 V**  
**Item 4284: 89A600-54 V**  
**Item 4285: 89ASUPERT3.**

## Benefits

- For sharpening or seating tools' edges.
- Excellent for mold finishing.



DIMENSIONS	GRIT		ITEM
6"x1/2"x1/4"	400		4283
	600	10	4284
	1200		4285



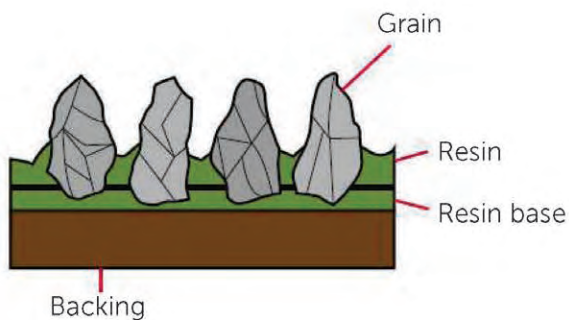
**COATED  
ABRASIVES**

# Technical Information

## Manufacture

The manufacture of coated abrasive requires:

1. **Backing:** It determines the rigidity or flexibility of the product and sometimes the finish that will provide during the operation.
2. **Abrasive Grains:** Perform the mechanical action of abrasion on the workplace.
3. **Base Resin:** The first layer, its function is to attach the backing to the abrasive grains.
4. **Resin or additives:** The second layer, it provides greater support to the product. Also gives special features to the abrasive: anti-clogging, heat dissipation, etc.



## Abrasive Grains

The abrasive grains are the ones who do the work. The most important features of abrasive grains are: hardness, tenacity and friability (ability to fragment). The main grains use in coated abrasive are:



## Grain size and Finish System

Fepa p	ANSI	Structured Abrasive	JIS (Japan)	Micrones	RA Values estimated in $\mu\text{m}$
P60			J60		
P80		A-300			
P100					
P120	100		J100	125	
	120	A-160			
P150		A-130			
	150				
P180	180		J150	80	
		A-100			1,50-0,80
P220	220	A-90	J180	65	
			J220		
			J240		
P240		A-80	J320	60	
				57	
P280					
P320		A-65	J360	52	0,85-0,70
	240				
P360	280		J400	45	
	320				0,70-0,60
P400		A-45		42	
			J500	34	
P500			J600	29	0,60-0,40
	360				
P600		A-35			
	400	A-30			0,40-0,30
P800			J700	30	
P1000	500		J800	20	
P1200		A-16	J1000	15	
	600				0,30-0,25
P1500		A-10	J1200	13	
	800				
P2000		A-06		10	0,25-0,20
	1000				
P2500			J2000	9	0,20-0,10
	1200				
	1350		J3000	8	0,10-0,05
	1500	A-05		5	
			J4000	4	
		A-03	J6000	3	0,03-0,02

## Conversion Chart

Diameter

$\varnothing$	mm	$\varnothing$	mm
<b>1/8"</b>	3.2	<b>2"</b>	50
<b>5/16"</b>	5	<b>2-3/4"</b>	70
<b>1/4"</b>	6.4	<b>3"</b>	75
<b>3/8"</b>	10	<b>4"</b>	100
<b>1/2"</b>	13	<b>4-1/4"</b>	110
<b>5/8"</b>	15.88	<b>4-1/2"</b>	115
<b>3/4"</b>	20	<b>5"</b>	125
<b>7/8"</b>	22.23	<b>6"</b>	150
<b>1"</b>	25	<b>7"</b>	180
<b>1-3/16"</b>	30	<b>16"</b>	405
<b>1-1/2"</b>	38	<b>16-1/2"</b>	419
<b>1-9/16"</b>	40	<b>24"</b>	610

# SuperAssilex



## Dry Sanding

### Features

- Innovative latex backing.
- Super flexible.
- Color coding for each type of grit.
- Special **PULTRAGRIP** grip backing.



### Benefits

- For any type of surfaces even concave-convex, thanks to its excellent flexibility.
- Finishings without scratches. Perfect for water based paint.
- Dry sanding that allows you to check your finishing while working on your workpiece.
- Without dry step.
- 50% less worktime compared to conventional sandpaper.



DIMENSIONS	GRAIN	COLOR		ITEM
6-2/3" x 5-1/8"	AS 240	Café		3220
	AS 320	Blue		3221
	AS 400	Light Blue	25	3222
	AS 800	Yellow		3223 <b>NEW</b>
	AS 1200	Orange		3224
	AS 1500	Pink		3225



### Tech - Tip

Use sander item: **2514** 8500 RPM for sanding sheets item 3220 a 3227.



Pre - cut in 2 pieces

## Sanding backing SuperAssilex

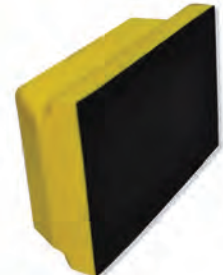
### Benefits

- Reduces operator fatigue.



### Rectangular with holes

Machine & Manual



### Manual

DIMENSIONS		ITEM
3" x 4-23/32"	4	3228
4" x 6"	2	3229

DIMENSIONS		ITEM
2-3/4" x 4-1/2"	1	3214





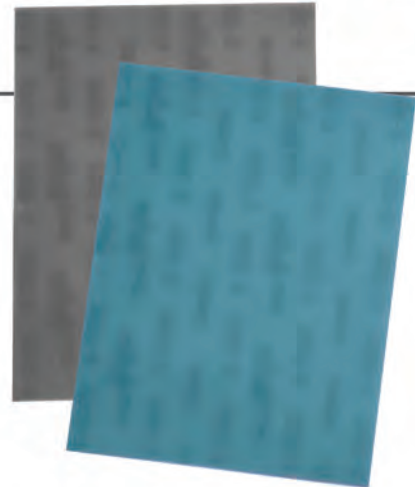
# Super Buflex.

## Dry Sanding



### Features

- Ultra-flexible latex backing.
- Unique grit structure.
- Special **ULTRAGRIP** grip backing.



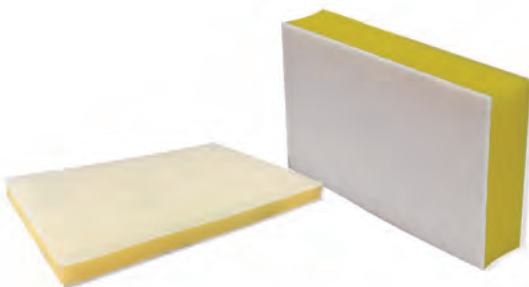
### Benefits

- Easy texture control.
- Brand new finishings.
- 50% less polish time thanks to Super Buflex finishing.

DIMENSIONS	GRAIN	COLOR	QTY	ITEM
6-2/3"x5-1/8"	BU 2000	Green	25	3226
	BU 3000	Black		3227

## Sanding backing

# Super Buflex.



### Tech - Tip

Use orbital sander item: 2514 8500 RPM.

DIMENSIONS	QTY	ITEM
3"x5"x1"	2	3218
3"x5"x1/2"	2	3212

# Tolecut

## Dry Sanding



### Features

- Flexible backing.
- 3 different grits for removal of dust, paint excess, etc.
- PSA.



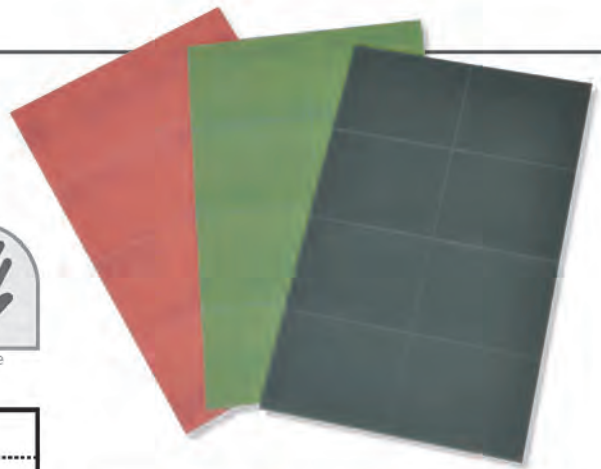
Hand Use

### Benefits

- To remove dust, scratches and paint excess.
- Dry sanding that allows you to check your finishing while working on your workpiece.
- Easy removal of any defect obtaining perfect finishings.



Pre-cut in 8 pieces.



DIMENSIONES	GRAIN	COLOR		ITEM
2-3/4"x4-1/2"	TC 1500	Pink		3215
	TC 2000	Green	25	3216
	TC 3000	Black		3217

## Sanding backing

### Tolecut

DIMENSIONS		ITEM
1"x1-1/4"x1/2"	10	3213



## Microfine Grain Wet Sanding



### Features

- Semi-open coat.
- Respaldo Impermeable súper flexible.
- FEPA Granulometry.



### Benefits

- Excellent performance with less clogging.
- Great sanding of all kind of complex shape pieces.
- Unmatched quality of microfine grains.



### Tech - Tip

While working use plenty of water. After work let remain in water to revive the grains' cutting performance. Granulometría FEPA.



## Sanding backing Doble densidad



Hand Use

BACKING	DIMENSIONS	GRAIN		ITEM
A waterproof	9"x5-1/2"	1000		1817
		1200		1818
		1500	50	1818
		2000		1893
		2500		1897



DIMENSIONS		ITEM
2-5/8" x 4-5/8"	1	1462





**Features**

- Semi-open coat.
- Super flexible waterproof Blue Backing.
- FEPA Granulometry.



**Benefits**

- Excellent performance with less clogging.
- Great sanding of all kind of complex shape pieces.
- Unmatched quality of microfine grains.



Hand Use



**Tech - Tip**

While working use plenty of water. After work let remain in water to revive the grains' cutting performance. Granulometria FEPA.

BACKING	DIMENSIONS	GRAIN		ITEM
C waterproof	9"x11"	60	50	1801
		80		1802
		100		1803
		120		1804
		150		1805
		180		1806
		220		1807
A waterproof	9"x11"	240	50	1808
		280		1809
		320		1810
		360		1811
		400		1812
		600		1813
		800		1814



# EASY-CUT®

Wet Sanding



### Features

- Black silicon carbide grain.
- Flexible waterproof backing.
- FEPA Granulometry.



### Benefits

- Low price option, quick cut and excellent finish.
- Exceptional grain retention

BACKING	DIMENSIONS	GRAIN		ITEM
C waterproof	9"x11"	80		2740
		100		2741
		120	50	2742
		150		2743
		180		2744
		220		2745
A waterproof	9"x11"	240		2746
		280		2747
		320	50	2748
		360		2749
		400		2750
		500		2751
		600		2752
		800		2753



### Tech - Tip

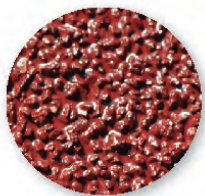
While working use plenty of water. After work let remain in water to revive the grains' cutting performance. Granulometría FEPA.



# X-FLEX



## 100% Cloth Backing



### Features

- Premium Aluminum Oxide Grain.
- Outstanding resistant "x"-flexible back.
- High quality resin over resin construction.

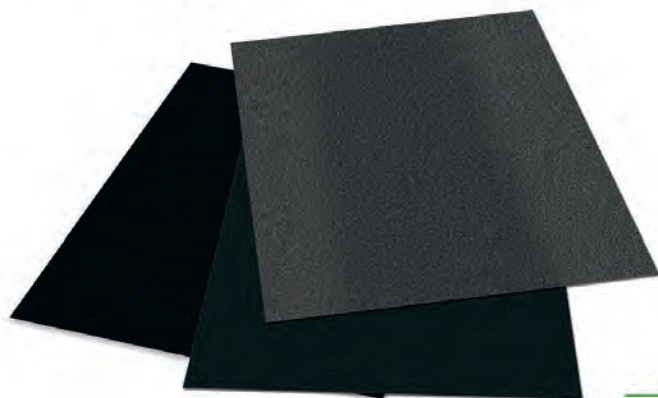
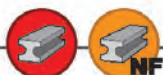


### Benefits

- For non-ferrous metals, wood and filler sanding.
- Great flexibility and excellent finishes.
- Great grain binding.

BACKING	DIMENSIONS	GRAIN		ITEM
X Flexible	9"x11"	36		1686
		50	25	1687
		60		1698
		80		1688
		100		1756
		120		1689
		150	50	1699
		180		1729
		220		1760

# Emery Cloth Sheets



## Features



- High grinding efficiency in metal sanding.
- Aluminum oxide grain.
- Resin over resin construction.

## Benefits

- Great flexibility.
- High resistance.
- Don't release bad odors.
- Affordable price.

BACKING	DIMENSIONS	GRAIN		ITEM
J Cloth	9"x11"	Extra Coarse	25	1970
		Coarse		1971
		Medium	50	1972
		Fine		1973



# Dry Sanding



## Features

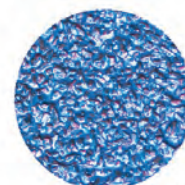


- Open structure.
- Premium aluminum oxide grain.

## Benefits

- Won't clog.
- For wood, soft marble, varnish, cast, sealants paint and filler sanding.
- Excellent finishes.
- 1/4 sand sheet presentation for machine sanding.

BACKING	DIMENSIONS	GRAIN	COLOR		ITEM
C Paper	4-1/2"x5-1/2"	80	Red		2244
		120	Azul	10	2245
		220	Yellow		2246



# Wood Sanding



### Features



- Kraft paper backing.

### Benefits

- For woods dry application.
- Low price.



Hand Use



BACKING	DIMENSIONS	GRAIN	ITEM
C Paper	9"x11"	Coarse	2770
		Medium	2771
		Fine	2772
		Very Fine	2773

# Cleaner



### Features

- Special formula that eliminates dullness.

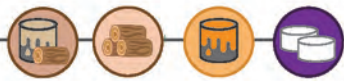
### Benefits

- For cleaning belts and sheets. To lengthen its lifetime.
- Eliminates impurities, exposing the grain once again.

DIMENSIONS	ITEM
8-3/4"x1-1/2"x1-1/2"	2336

# Sanding Roll

## Foam Rubber



### Features

- Flexible.
- Washable.
- Foam Rubber backing.



**NEW LINE**

### Benefits

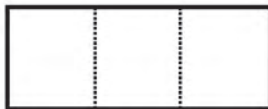
- Flexible that allows to work in all type of surfaces.
- High performance.
- Excellent performance with less clogging.



WIDTH	LENGTH	GRAIN	PZAS.	ITEM
4-1/2"	984"	120	1	2371
		180	1	2372
		240	1	2373
		320	1	2375
		400	1	2376



Hand Use



Pre - cut in sheets 115 x 125 mm



# Sanding Pad



Hand Use

### Features

- Flexible.
- Resistant.
- Washable.
- Coated in one side.



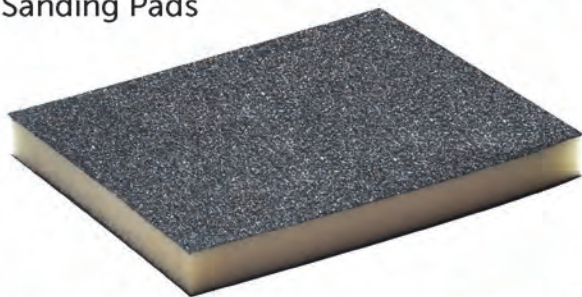
### Benefits

- High performance.
- The greatest product for several sanding, cleaning, wood finishing and automotive filler applications.
- For dry and wet applications.

DIMENSIONS	GRAIN	ITEM
4-1/2"x5-1/2"x 1/4"	Medium	2101
	Fine	2102
	Very Fine	2103
	Super Fino	2104



Sanding Pads



Features



- Washable.
- Flexible.
- Coated in two sides
- Grains:
  - Coarse
  - Medium
  - Fine

Benefits

- Yields up to 10 times more than sandpaper.
- Fast and uniform sanding.
- Specially engineered for excellent finishings on mold sanding applications.
- Easy packaging color code for identification.

FLEXIBILITY	DIMENSIONS	GRAIN	COLOR	ITEM
		Coarse - 60	Rojo	2095
ALTA	5"x4"x 1/2"	Medium - 100	Azul	60 2096
		Fine - 220	Amarillo	2097



Sanding Blocks



Features



- Washable.
- Flexible.
- Available in different grain configuration:
  - Thick/ Medium: Red box
  - Medium/ Fine: Blue Box
  - Fine: Yellow Box
  - Very Fine: Green Box

Benefits

- Yields up to 10 times more than sandpaper.
- Quick and uniform sanding
- Easy identification by packaging color.

FLEXIBILITY	DIMENSIONS	GRAIN	COLOR	ITEM
		Coarse- 36		
		Medium - 60	Red	2098
		Medium - 80	Black	2106
MEDIA	4"x2-3/4"x1"	Medium - 60	Blue	60 2099
		Fine - 100	Yellow	2100
		Very Fine - 220	Green	2105



# SANDING BELTS



Tenazit® Product Guide

GRIT SIZE

Specification

		24	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	2000	3000	4000
ALUMINUM OXIDE	Paper	TWAWF				◆	◆	◆	◆	◆	◆	◆													
	Paper	T1AF												◆ 9 Micras	◆ 15 Micras				◆ 30 Micras	◆ 40 Micras	◆ 50 Micras				
	Cloth	TSA2J										◆			◆								◆	◆	
	Cloth	TCATJ											◆		◆		◆		◆				◆	◆	
	Cloth	TGAXF				◆	◆		◆																
	Cloth	TZAX	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆												
	Cloth	TUAX		◆	◆		◆	◆	◆	◆	◆	◆	◆			◆									
	Cloth	TUA4X		◆			◆	◆		◆															
	Cloth	TUA5X			◆		◆	◆		◆	◆			◆		◆		◆		◆					
	Cloth	TUAWX		◆	◆		◆	◆	◆	◆	◆	◆	◆			◆									
	Cloth	TZAXF		◆		◆	◆	◆	◆	◆	◆	◆	◆			◆									
	SILICON CARBIDE	Cloth	TGAJF									◆													
		Cloth	TUSDJ																		◆	◆			
Paper		TWSWE											◆	◆	◆		◆		◆						
Cloth		TRC2J					◆		◆		◆	◆		◆	◆										
Cloth		TECKJ											◆		◆		◆								
Cloth		TUCX		◆			◆	◆	◆	◆	◆	◆	◆		◆		◆								
Cloth		TJASG3V															◆		◆	◆		◆		◆	◆
ZIRCONIA	Cloth	TECKY					◆		◆																
	Cloth	TUCKY											◆				◆								
	Cloth	TRZX		◆	◆		◆	◆		◆															
	Cloth	TDZ3Y	◆	◆	◆	◆	◆																		
CERAMIC	Cloth	TDZ5X			◆		◆	◆																	
	Cloth	TUZ2Y	◆	◆	◆	◆	◆		◆																
	Cloth	TDZ3Y	◆	◆	◆	◆	◆																		
	Cloth	TTG2X			◆		◆	◆																	
	Cloth	TGG2Y		◆	◆		◆	◆																	
Cloth	TTG2J					◆	◆		◆																
Cloth	TFA2J					◆	◆	◆	◆	◆		◆			◆		◆								

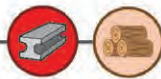




BACKING	USE FOR					ADVANTAGES / BENEFITS
	Metal	Wood	Non Ferrous	Glass	Others	
Anti-static "F"	○	●	○		○	Excellent for sanding of hard and extremely hardwoods and softwood veneers. Doesn't clog. Designed for aluminum, steel and leather applications.
Film	●					Ideal for polishing camshafts, crankshafts and any metal parts .
Anti-static "E"		●	●	●	○	Excellent for wood, non-ferrous metals, glass, ceramics, stainless steel and metallographic tests
Super flexible "J" (100% cotton)	●		●			Non-ferrous and ferrous metals, curved surfaces, golf sticks, crankshafts and blades.
"J" Cloth	●		●			Ideal for stainless and carbon steel, titanium and Incone
Cotton flexible "X"	●		●		○	Carbon and Stainless Steel, Inconel, Titanium, High-alloys of Nickel and Cobalt. Recommended when more flexibility is required than with zirconium. High performance.
Poli-cotton "X"	●	●				Wood and metal .
"X-Y" water proof poly-cotton	●	○	○			Carbon and stainless steel, nickel alloys, fast cutting and long lasting .
Poly-cotton 65/ 35 Weight "X"	●		●			Carbon and stainless steel, non-ferrous, nickel alloys and tool steels, thin bands and low pressure.
Poly-cotton 65/ 35 Weight "X"	●		●			Steel and stainless steel, non-ferrous, nickel alloys and tool grade steels.
Cotton washable "X"	○	●	○			Ideal for soft and medium hardness wood. High Performance. Washable.
100% Cotton "J"	●	●	○			Wood, metal, lacquer and varnish sanding.
100% Poly- Cotton "X"	●		○			Steel and stainless steel, inconel, titanium, alloys to high nickel and cobalt. Recommended when more flexibility is required than with zirconium. High performance.
Poli-algodón "J" Flex			●			Acero inoxidable, titanio, aleaciones de cromo y cobalto, aleaciones de níquel. Abrasivo estructurado extra alto rendimiento.
"J" cloth			●			Brass, bronze and aluminum stearate coating.
Poly-Cotton "J"	●		●	●		Steel and stainless steel, brass, bronze and titanium. High performance for ironwork, plates, handles, mixing wrenches, golf sticks, glass and turbine blades manufacturers.
"X-Y" 100%" waterproof polyester		●	●	●	○	Glass, asbestos, ceramics, cement, non-ferrous metals, titanium stainless steel, natural and artificial stone and metallographic tests .
Foam Rubber	●		●		●	For glossing and polishing solid surfaces, stone, paint, varnish, acrylic, stainless steel, plastic, fiberglass, brass, bronze, laminate flooring, porcelain and PVC .
100% Polyester "Y"	●		●	●		Stainless and hardened steel, titanium alloys exotic metals and glass.
100% Polyester "Y"	●		●	●		Stainless and hardened steel, titanium alloys exotic metals and glass.
Poly-cotton "X"	●		○		○	Steel, stainless and foundry.
"Y" 100% waterproof polyester	●	○	●		○	Steel, stainless and foundry, 300 series high-alloys nickel steels. High pressure operations with hard contact wheels.
"X" Cotton (less rigid than polyester)	●		○			Ideal for metal and stainless grinding.
100% Polyester "Y"	●		●		●	Stainless steel, aluminum, tool grade steels and nickel alloys .
Y" 100% waterproof polyester	●	○	●		○	Foundry, steel, stainless and nickel alloys. For heavy duty grinding and fast cutting applications
"X" Poly-cotton	●		●			Acero inoxidable, acero al carbón. Con recubrimiento anti-tapado.
Y" 100% waterproof polyester	●		●		○	Foundry, steel, stainless and nickel alloys. For heavy duty grinding and fast cutting applications .
Tela "J" poliéster	●		●		○	Aluminio, Zamac, acero inoxidable, titanio, acero al carbón, aleaciones duras.
Tela "J" poli-algodón	●		●		○	Aluminio, Zamac, acero inoxidable, titanio, acero al carbón, aleaciones duras.

● Highly Recommended      ○ Recommended

# Aluminum Oxide TZAX



## Features



- Highly flexible.
- Tear resistant.
- "X" Poly-Cotton back.

## Benefits

- High performance.



Portable Sander



Lijadora de Banco

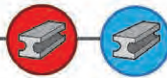
WIDTH	LENGTH	GRAIN	PZAS.	ITEM
3"	18"	36	10	1050
		40		1051
		60		1010
		80		1011
		100		1012
		120		1013
3"	21"	36	10	1060
		40		1061
		60		1020
		80		1021
		100		1022
		120		1023
4"	24"	36	10	1090
		40		1091
		60		1045
		80		1046
		100		1047
4"	36"	60	10	1213
		80		1238



## Self-Service 3 pieces per packaging

WIDTH	LENGTH	GRAIN		ITEM
3"	18"	60	3	2259
		80		2260
		120		2261
3"	21"	60	3	2263
		80		2264
		120		2265

# Zirconium TUZ3Y



## Features



- Tear resistant.
- Waterproof.
- Polyester "Y" cloth backing

## Benefits

- For heavy stock removal and fast cut.
- High Performance



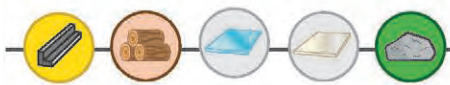
Lijadora de Mini-bandas



Lijadora de Banco

WIDTH	LENGTH	GRAIN		ITEM
1/2"	24"	60	10	1243
4"	36"	50		1231
6"	48"	50		1257
		80	1259	

# Silicon Carbide TUCX



## Features

- Flexibles.
- Resistentes.
- Waterproof.
- • "X-Y" Poly-cotton cloth backing.



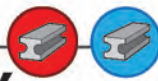
## Benefits

- For all kind of non-ferrous materials, glass, stone.
- Won't clog.

WIDTH	LENGTH	GRAIN		ITEM
3"	18"	60	10	1151
		80		1152
		120		1154
3"	21"	60	10	1161
		80		1162
		100		1163
		120		1164
4"	24"	400	10	1168
		60		1191
		80		1192
		100		1193
		120		1194
		400		1198



## Belts Zirconium TUZ2Y



### Features



- Cloth backing.
- Waterproof.

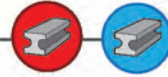
### Benefits

- High performance
- Excellent finishes.



WIDTH	LENGTH	GRAIN	ITEM
4"	12-1/2"	50	1075
		80	1076
		120	1077

## Belts Compact GrainTUCKY



### Features



- "Y" Fabric - 100% poliester.

### Benefits

- Excellent for stainless steel material.



WIDTH	LENGTH	GRAIN	ITEM
4"	12-1/2"	240	1073
		400	1074

## Finishing Guide



### P3

1. Item 1075 Zirconia G-50
2. Item 1076 Zirconia G-80
3. Item 1077 ZirconiaG-120



### P4

1. Item 1073 SiC G-240
2. Item 1074 SiC G-400

### Polished

1. Item 2777 Pyramidal Aluminum Oxide G-400
2. Item 2784 Pyramidal Aluminum Oxide G-600
3. Item 2798 Pyramidal Aluminum Oxide G-1200
4. Item 2803 Pyramidal Aluminum Oxide G-2000



### Highlights

1. Item 2377 Pulizit®
- Item 2404 Green Paste



### Mirror finish

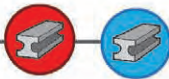
1. Item 2308 Roller
- Item 2405 White paste



<http://bit.ly/AcabadoEspejo>



# Belts Aluminum Oxide



- Features** A
- "X" Poly-Cotton back.
- Benefits**
- Excellent for stainless steel material.



WIDTH	LENGTH	GRAIN		ITEM
4"	12-1/2"	TFA2J 80	10	1072
		TGAJF 120		1082



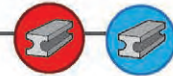
### Tip- Técnico

Use with machine **item 2500** and adapter **item 1399** and Holdex **item 1398** for sanding belts.

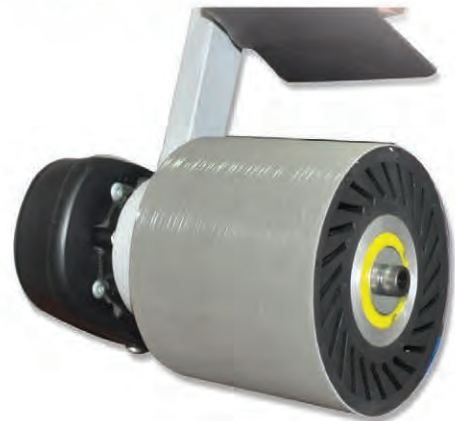


COATED ABRASIVES

# Belts Pyramidal Aluminum Oxide TCATJ



- Features** A
- Structured abrasive grain.
  - High flexible -"J" Fabric.
- Benefits**
- Excellent finishes.
  - Higher performance.



WIDTH	LENGTH	GRAIN		ITEM
4"	12-1/2"	400	5	2777
		600		2784
		1200		2798
		2000		2803



## Belts Pulizit®



### Features

- Open structure.

### Benefits

- Great absorption and polishing compound retention guaranteed.
- For Mirror finish.



WIDTH	LENGTH	QTY	ITEM
4"	13'	5	2377

## Non Woven



### Features

- Flexible.
- High tear-resistance.

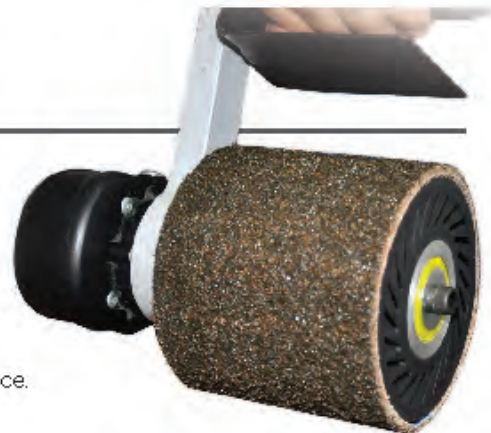
### Benefits

- Grit:

BROWN- Thick grain for light deburring.  
 MARRON- Medium grain, that softens surfaces (semi-polishing finish)  
 BLUE- Very fine, surface preparation for final polishing.



WIDTH	LENGTH	GRAIN	QTY	ITEM
3/4"	18'	Brown Coarse	5	2607
		Marron Medium		2608
		Blue Very Fine		2609
4"	13'	Brown Coarse	5	2322
		Marron Medium		2327
		Blue Very Fine		2358





# FLAP DISCS



## Technical Information

### Manufacture of Flap Discs

The flap discs are made up of:

1. **Backing:** It gives support to the product, ABS plastic, PA6 and fiberglass backing are available..
2. **Adhesive:** It bonds the backing and the coated product.
3. **Flaps:** They perform the mechanical action of abrasion on the workpiece. The material depends on the finish or removal desired. They are made of any type of combination of coated or fiber depending on the need of the user.

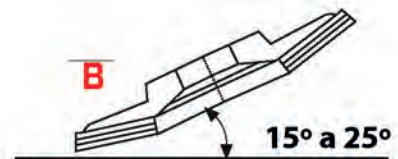
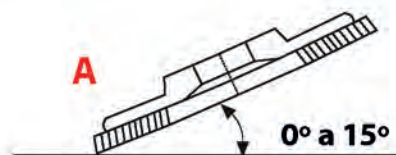
### Backing

The flap discs backing can be of fiberglass or trimmable.

- **Trimmable:**
  - The ABS trimmable backing it's much more secure than the fiberglass backing.
  - When cutting the backing, you can get more of the sanding paper.
  - Free from dangerous powders that affect the respiratory tract and skin.
  - The discs manufactured with this material are flexible which increases the performance of the sanding material and results in a better finish.
- **Fiberglass:**
  - The fiberglass backing discs must not be cut as the disc can be fragmented by separating the fiberglass layers..
  - The fiberglass particles that are released can be a sie that allows them to pass through the respiratory tract or get embedded in the skin or eyes like tiny splinters, causing irritation or lung disease.

### Types / Applications

▼ Angle Grinder





# Products

TRIMMABLE PLASTIC BACKING

Type  
**A**



**POWER  
Jet**

Maximum power and stock removal speed on steel, stainless and alloy applications. Fast grinding action that avoids burnings. Recommended for high power machines.

Type  
**A**



**IMPERIAL**

Maximum power and stock removal on steel, stainless and alloy applications. Fast grinding action that avoids burnings. Recommended for high power machines.

Type  
**A**



**MAGMA**

Excellent for severe applications. Ideal for welding, stainless and steel.

Type  
**A**



**SUPERLAM®**

Maximum performance and stock removal. Specially engineered for welding and stainless steel.

Type  
**A**



**ZIRCONIA  
+ CERAMIC**

Ideal for stainless steel and some exotic alloys such as Inconel and titanium. Significant heat generation reduction on the work piece's surface.

Type  
**A**



**ZXP**

Fast and constant stock removal on steel, stainless and welding applications due to its flap arrangement in pairs.

Type  
**A**



**THUM®**

Outstanding performance with affordable price for steel and stainless steel grinding and welding applications.

Type  
**B**



**KREATOR**

Fastest grinding action. Burn free.

Type  
**AB**



**EASY-CUT®**

La mejor opción precio-rendimiento del mercado.

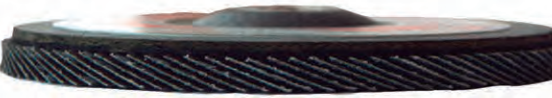
Type  
**A**



**Xtreme  
power**  
maximaremozion

High removal rate, less grinding time (compared with competing flap discs) and outstanding wear resistance to edge chamfering / beveling thanks to its flap-packaging arrangement.

Type  
**A**



**XTRALAM**

30% more flaps for high production applications provides greater surface contact even on irregular ones.

Type  
**A**



**Curv-Disk**

Ideal when working on uneven or curved surfaces.

Type  
**B**



**LAM VISION®**

Allows vision of working area. Fast and precise grinding action.

Type  
**A**



**FLEXI LAM**

Outstanding flexibility and surface contact for aggressive stock removal.

Type  
**B**



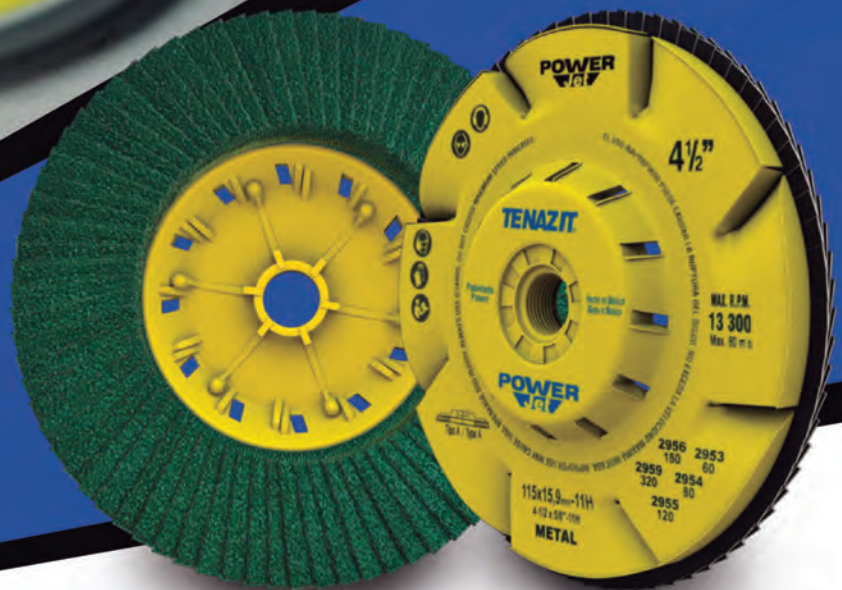
**CLOTH +  
NON WOVEN**

For light stock removal and one-step-finishing of steel, stainless and welding.

GLASSFIBER BACKING

COATED ABRASIVES

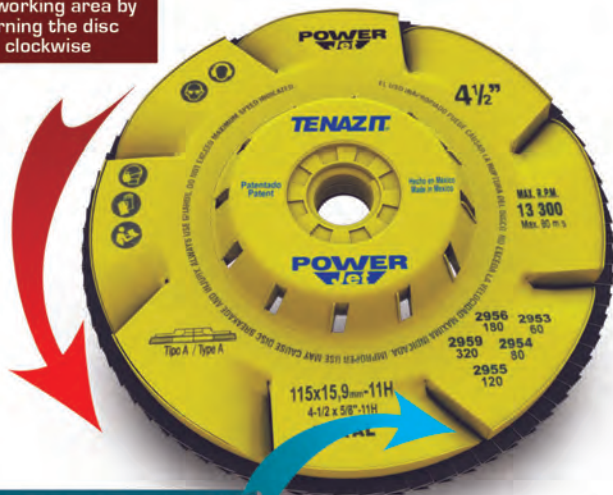
# POWER Jet



Flap disc with grooves in radial position distributed in the internal part of the backing. These allow more air to be pushed and drawn in and out the work area during operation. This action lowers the temperature in the area where the abrasive material comes in contact with the workpiece, preventing metal burns and increasing the grinding speed.

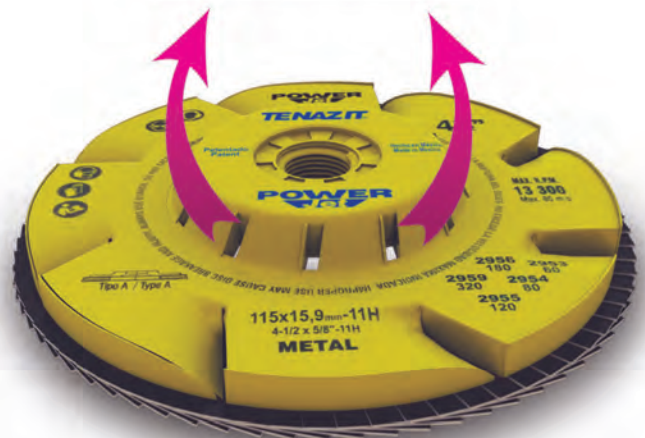
The power jet backing increases the surrounding airflow of the work area through exterior grooves and an entry rounded angle. The grooves push the air from the top of the disc to the abrasive section guiding this airflow through forced convection, decreasing the temperature of the work area and ejecting any remain residue. This allows a faster operation and rises the lifetime of the product.

The air is pushed into the working area by turning the disc clockwise



The groove eases the entry of the airflow and drives it into the grinding area

The internal grooves eject the hot air generated during the grinding operation along with part of the residue from the operation. (Worn abrasive grain + removed material)





## Features

- Engineered to decrease 30% less heat produced by sanding (depending on size's grit and machine's power).
- Thread for an easy and safe mounting.
- Manufactured with zirconium grain.

## Benefits

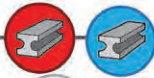
- Burn free fast grinding action.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
			40			1909
	4-1/2"	5/8"-11	60	13300	5	1910
A			80			1911
			40			1912
	7"	5/8"-11	60	8500	5	1914
			80			1915



## Zirconium + Ceramic

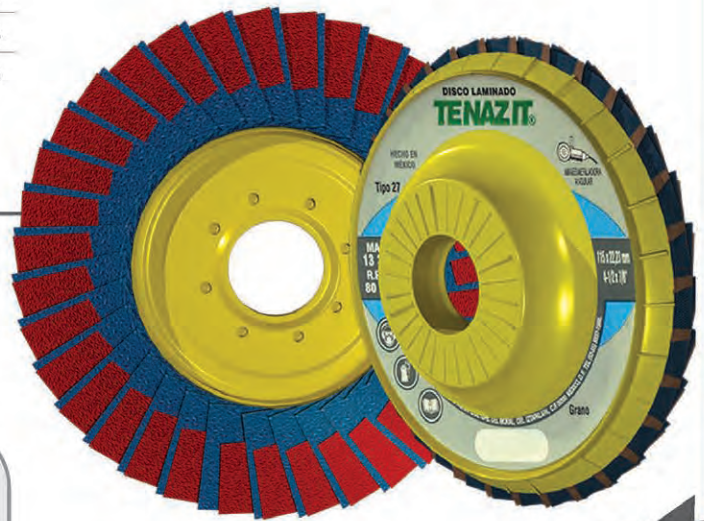


## Features

- Trimmable ABS plastic backing.
- Ceramic / zirconium blend.

## Benefits

- High performance.
- For stainless steel heavy grinding.
- Less heat generation.
- Less body stress for material removal.
- Easy trim.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
A	4-1/2"	7/8"	40	13300	5	2251
			60			2252
	7"	7/8"	40	8500	5	2253
			60			2254



**MAGMA**




**Features**



- Trimmable plastic backing.
- Plastic thread.
- Manufactured with premium high performance zirconium and cotton cloth.

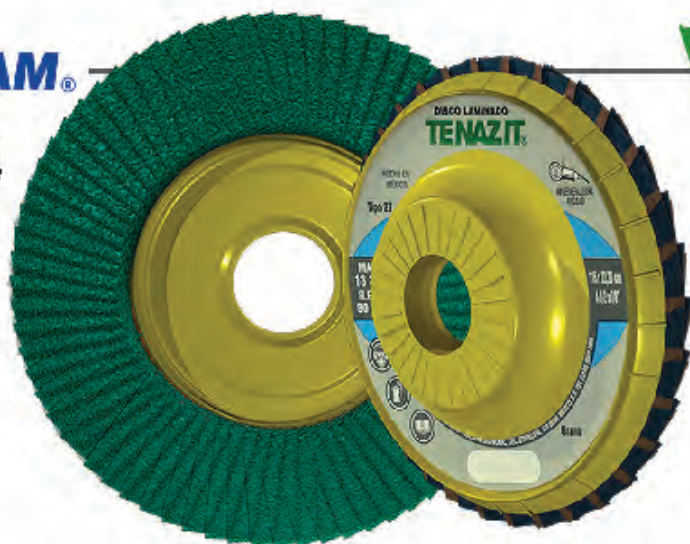
**Benefits**

- Easy mounting, less downtime due to the integrated plastic thread.
- Excellent for severe applications.
- High performance.

TYPE	Ø	BARRENO	GRIT	MAX. RPM		ITEM
 A	4-1/2"	5/8"-11	40	13300	5	2364
			60			2365
			80			2366
	7"	5/8"-11	40	8500	5	2384
			60			2385
			80			2386



**SUPERLAM**  
Aluminum



**Features**



- Easy to trim plastic backing.
- Anti-clogging stearate coating

**Beneficios**


- Special for aluminum and non-ferrous grinding.
- Will not clog.
- High performance





TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
 A	4-1/2"	7/8"	40	13300	5	2706
			60			2707





 Items with hole 7/8" oSa certified.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
	4-1/2"	5/8"-11	36	13300	5	1746
			40			2980
			60			2981
			80			2982
			120			1752
	4-1/2"	M14-2	36	13300	5	1747
			40			2984
			60			2985
			80			2986
			120			1745
	4-1/2"	7/8"	36	13300	5	2988
			40			2989
			60			2990
			80			1751
			120			1767
	7"	5/8"-11	36	8500	5	1768
			40			1769
			60			1770
			80			1771
			120			2987
	7"	7/8"	36	8500	5	2995
			40			2996
			60			2997
			80			1753
			120			

## Retail Packing

TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
	4-1/2"	5/8"-11	36	13300	1	-2981



## Features

- Trimmable ABS plastic backing.
- Metal thread for an easy and safe mounting.

## Benefits

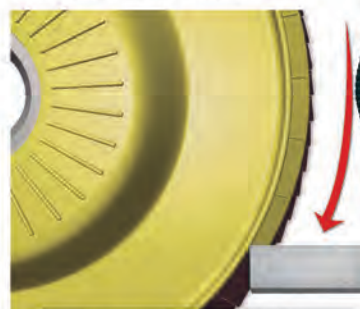
- High performance.
- The only flap disc that doesn't waste any abrasive material.

## Tech - Tip



ABS Backing is safer than fiberglass backing trim. Cuttable elements used for trimming. Don't dig into the plastic. 100% use of the disc is guaranteed through simple trimming. Free from dangerous powders that affects the respiratory tract and skin. Great flexibility, for a significant performance increase and better finishings

## Trimmable Plastic Backing

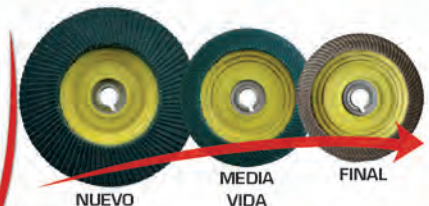


Cut with steel blade  
Item 1743



## Metal thread

Sistema Patentado





**Features**



- Engineered to decrease 30% less heat produced by sanding (depending on size's grit and machine's power).
- Thread for an easy and safe mounting.
- Manufactured with zirconium grain.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
			60			2953
			80			2954
A	4-1/2"	5/8"-11	120	13300	5	2955
			180			2956
			320			2959



**ZXP**



**Features**



- Zirconium grain and poly-cotton cloth.
- **Pair to pair flap arrangement.**
- Easy to trim plastic backing

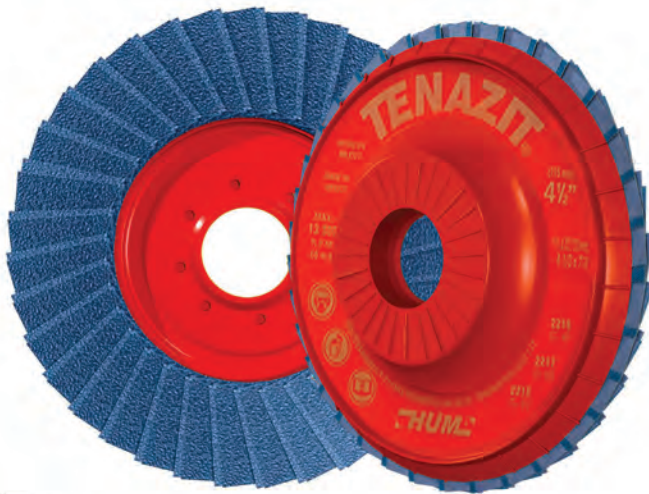
**Benefits**

- Specially designed for heavy duty work.
- High performance.
- Great grain retention.
- Ideal for stainless steel, hard steels and welding.



TYPE	Ø	HOLE	GRIT	MÁX. RPM		ITEM
			36			1739
			40			1740
A	4-1/2"	7/8"	60	13300	5	1741
			80			1742





**Features**


- Zirconia / Aluminum oxide blend.
- Easy to trim plastic backing.
- Low initial cost

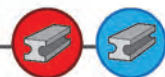


**Benefits**

- Quick grinding action.
- Excellent finish.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
			40			2216
	4-1/2"	7/8"	60	13300	5	2217
			80			2218
			40			2266
	6"	7/8"	60	10000	5	2267
			80			2268
			40			2230
	7"	7/8"	60	8500	5	2231
			80			2232




**Features**

- Trimmable ABS plastic backing.
- Metal thread for an easy and safe mounting.

**Benefits**

- For polishing of stainless steel surfaces.
- Great polishing compound absorption and retention due to its open structure.
- Achievable mirror finishing.



TYPE	Ø	HOLE	MAX. RPM		ITEM
	4-1/2"	5/8"-11	13300	5	2973

## Miniflap disc

Ceramic - Type R



Lijadora Angular de Doble Acción



### Features



- Quick change mini flap disc with red color ceramic grain.
- Type "R" quick change system.

### Benefits

- Perfect for working in narrow spaces.
- Exceptional useful life when compared to common quick-change discs.

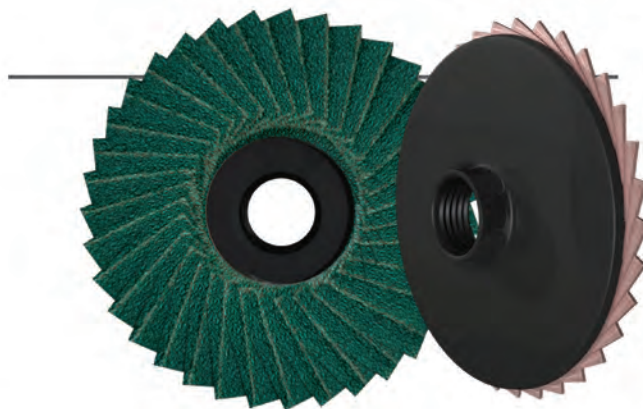
TYPE	Ø	GRIT	MAX. RPM	ITEM
R	2"	40	30000	2580
		60		2581
		80		2582

## Miniflap disc

Zirconium - Type S



Lijadora Angular de Doble Acción



### Features



- First quality zirconium grain.

### Benefits

- For grinding and polishing.
- Great quick change discs substitutor.

### Tipo A

TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
S	2"	3/8"	60	30000	1755



### Adaptor

50 x 6.4 mm  
2"x1/4"  
Item 1758



# IMPERIAL



## Features

- High performance.
- Ceramic grain



## Benefits

- Burn free fast grinding action.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
A	4-1/2"	7/8"	40	13300	5	1901
			60			1902
			80			1903
B	7"	7/8"	40	8500	5	1904
			60			1906
			80			1908



# KREATOR



## Features

- Manufactured with high performance zirconium.
- Respaldo 100% algodón.



## Benefits

- Fast grinding action.
- Non tendency to burn the workpiece.



## Type A

TYPE	Ø	BARRENO	GRIT	MAX. RPM		ITEM
A	4-1/2"	7/8"	40	13300	5	2438
			60			2439
			80			2440
			40			2453
			60			2454
			80			2455

## Type B

TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
B	4-1/2"	7/8"	40	13300	5	2445
			60			2446
			80			2447
			40			2463
			60			2464
			80			2465

**EASY-CUT®**



**Features**

- Made with sandpaper and high resistant zirconium cotton cloth.

**Benefits**

- Best option when low cost is primary concern.
- Consistent performance at a competitive price



Grinding



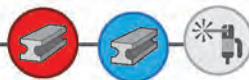
**Type A**

TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
A	4-1/2"	7/8"	40	13300	2697
			60		2698
			80		2699
	7"	7/8"	40	8500	2701
			60		2702
			80		2703

**Type B**

TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
B	4-1/2"	7/8"	40	13300	2716
			60		2717
			80		2718
	7"	7/8"	40	8500	2730
			60		2731
			80		2732

**XTRALAM**



**Features**

- Wider flaps.
- Great adaptability to the workpiece' surface.
- Manufactured with zirconia grain.
- 30% more flaps than conventional discs.

**Benefits**

- Extra high performance.
- Excellent finishings.
- Soft and noiseless operation.



Grinding

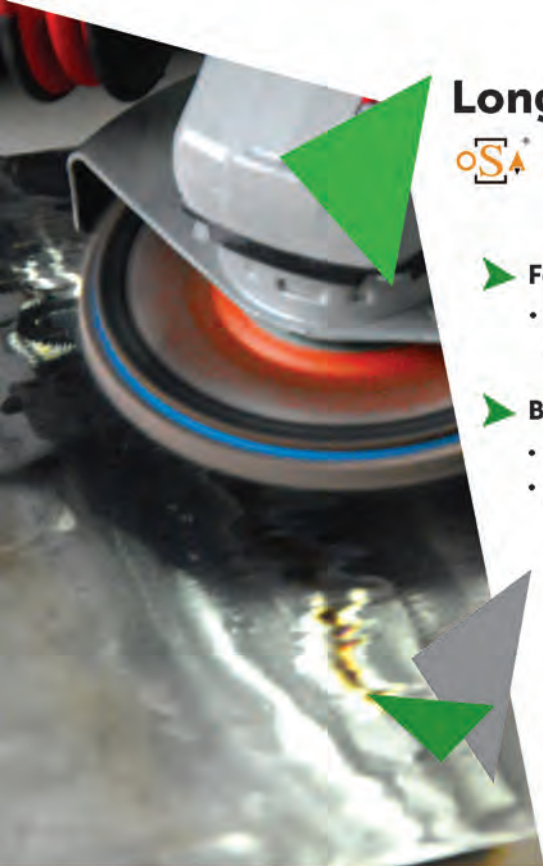


**Tech - Tip**

Achieve better finishings by tilting on the surface.

TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
A	4-1/2"	7/8"	40	13300	1780
			60		1781
	7"	7/8"	40	8500	1783
			60		1784





## Long Life



### Features

- Made with zirconium on cotton cloth

### Benefits

- Fast grinding action.
- Does not burn the workpiece.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
B	4-1/2"	7/8"	36	13300	5	715
			40			712
			60			717
			80			723
			36			716
			40			714
7"	7/8"	60	8500	5	721	
		80			724	
		80			724	



## TENAZIT



### Features

- Made with zirconium on polycotton cloth.

### Benefits

- High performance blend with excellent finishes.
- Great grain retention.
- Ideal for stainless and hard steel.



TYPE	Ø	HOLE	GRIT	MÁX. RPM		ITEM
B	4"	5/8"	40	14500	5	1700
			60			1701
			80			1702
			120			1703
			40			1716
			60			1717
	4-1/2"	7/8"	80	13300	5	1718
			120			1719
			40			1730
			60			1731
			80			1732
			120			1733



### Tech - Tip

Fiberglass back discs shouldn't be trimmed as they may fragment due to fiberglass wavers separation. Detached fiberglass particles may enter the respiratory tract or embed in the skin or eyes as tiny splinters, causing irritation.



**Features**

- Made with special flap packages.
- Greater surface contact between abrasive grain and workpiece.



**Z POWER**

- Greater surface contact between abrasive grain and workpiece.
- New flap configuration technology for exceptional removal capacity.
- Ideal for high production applications.



**Z Power**

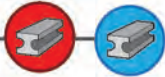
TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
B	4-1/2"	7/8"	40	13300	5	2238
			60			2239
	7"	7/8"	40	8500	5	2240

**INOX Power**

TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
B	4-1/2"	7/8"	40	13300	5	2234
			60			2235
	7"	7/8"	40	8500	5	2236



**Curv-Disk**



**Features**

- Exclusive curvy flap design.
- Manufactured with ceramic grain.
- Optimal fit to the workpiece's geometry.
- Ideal for curved surfaces and tight spaces.



**Benefits**

- Excellent metal finishings.
- Less grinding time and body stresses.
- High quality polishing even at low pressure.
- Better polishing effect in narrow areas.

TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
A	4-1/2"	7/8"	60	13300	10	2900
			80			2901



## Flexi Lam



### Features

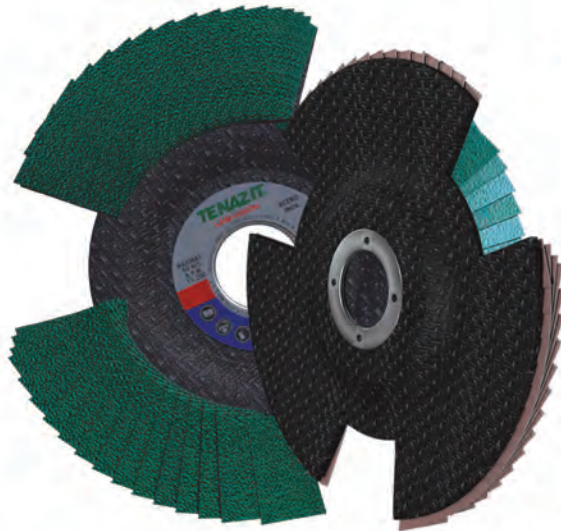


- Made with zirconium grain and cotton cloth.

### Benefits

- Quick grinding action.
- Doesn't burn the workpiece.
- Ideal for grinding irregular surfaces.

TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
 A	4-1/2"	7/8"	60	13300	10	2229



## Lam Vision®



### Features



- High tenacity special zirconium grain.
- Exclusive design with slots.
- Made with anti-clogging coating..

### Benefits

- Its innovative design allows complete vision at working area.
- Won't clog.
- Fast grinding action.
- Doesn't burn the workpiece.
- Lifetime increased.



TYPE	Ø	HOLE	GRIT	MAX. RPM		ITEM
 B	4-1/2"	7/8"	60	13300	10	1762



# Non Woven + Zirconium



## Features


- Non woven plus zirconium cloth combination.

## Benefits

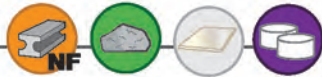
- For one-step grinding and finishing applications on delicate surfaces.

Z

TYPE	Ø	HOLE	GRIT	FIBRE	MAX. RPM	ITEM
B	4-1/2"	7/8"	Z40	Café Grueso	13300	2977
			Z80	Marrón Mediano		2978
			Z120	Azul Muy Fino		2979

**Tech - Tip**  
 Optimal RPM operation speed suggested: 5800 RPM

# TCX



## Features

- Made with silicon carbide.
- Poliester cloth.

C

## Benefits

- Excellent for grinding and polishing stone and concrete.
- Prevent clogging and leave a good finish.
- Ideal for marble applications.
- Safe and noiseless operation.
- Less machine wear comparing with cup wheels.

TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
B	4-1/2"	7/8"	36	13300	2710
			60		2711
			120		2712
	7"	7/8"	36	8500	2713
			60		2714






# SANDING DISCS

# TURBO Jet



## FEATURES

- ▶ Manufactured with last generation ceramic grains. 
- ▶ Closed structured.
- ▶ Trimmable plastic backing with thread.

## BENEFITS

- ▶ Exceptional performance in grinding and polishing of stainless steel, carbon and special alloys.
- ▶ No abrasive wasted.
- ▶ Quick mounting.

Ø	BARRENO	GRANO	MÁX. RPM		CLAVE
		24			1986
4-1/2"	5/8"-11	36	13300	25	1987
		40			1988
		50			1989

**NEW  
LINE**

### Tip- Técnico

Use on machines of 1000w or more power



Esmeriladora  
Desbaste





# RESIN FIBER SANDING DISCS



Ceramic Grain



### Features

- Made with ceramic grain and thick vulcanized fiber backing.
- 20% less heat generation due to its special coating.



### Benefits

- Excellent performance on stainless steel applications.
- Increased performance better finishings and less grinding time than ALO and zirconium discs.
- The best choice for hardened steels and very hard welding grinding applications.

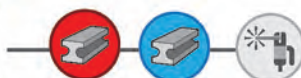


Grinding

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	36	13300	25	1631
		60			1632
		80			1633
7"	7/8"	36	8500	25	1634
		60			1635
		80			1636



Zirconium



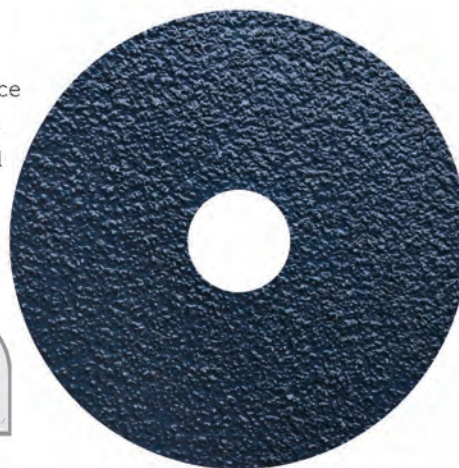
### Features

- Estructura cerrada.
- Zirconium
- Thicker vulcanized fiber backing.



### Benefits

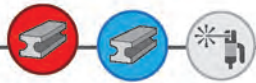
- Exceptional performance in grinding applications on stainless and special alloys.
- Doesn't curl.



Grinding

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	24	13300	25	1670
		36			951
		24			1673
7"	7/8"	36	8500	25	1674
		50			1675
		80			1676

**TENAZIT**  
Premium<sup>®</sup>  
Aluminum Oxide



**Features**

- Premium aluminum oxide grain.
- Closed structure.
- Special vulcanized fiber backing.



**Benefits**

- High performance on steel welding applications.
- Good performance when working on stainless steel.
- Doesn't curl.

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	24	13300	25	941
		36			931
		50			932
		80			933
5"	7/8"	36	11900	25	936
		50			937
		80			938
7"	7/8"	24	8500	25	940
		36			942
		50			943



**TENAZIT**  
Aluminum Oxide



Ø	HOLE	GRIT	MAX. RPM		ITEM
7"	7/8"	24	8500	25	702
		36			703
		50			704
		80			705
		100			706
		120			707

**Retail Pack**

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	36	13300	5	2834
		50			2835
		80			2836
7"	7/8"	36	8500	3	2830
		50			2831
		80			2832



**Features**

- Aluminum oxide grain.
- Closed structure.
- Disponibles en empaque blister para autoservicio.



**Benefits**

- Good performance in grinding and polishing operations of steel, fiberglass, plastic and nonferrous metals.
- Doesn't curl.
- Retail packaging available.

**Paquete 3 granos combinado**

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	36-50-80	13300	3	2837
7"	7/8"	36-50-80	8500	3	2833

# EASY-CUT®

Óxido de Aluminio



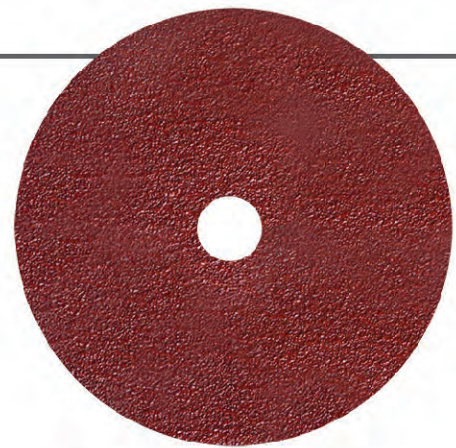
### Features

- Vulcanized fiber backing.



### Benefits

- Quick and efficient metal grinding action.
- Excellent performance with competitive price.



### Video



<http://bit.ly/fibrodiscosEASY>



Grinding



Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	24	13300	25	1376
		36			1377
		50			1378
		80			1379
		100			1405
		120			1406
5"	7/8"	24	12250	25	1380
		36			1381
		50			1382
		80			1383
		100			1384
		120			1385
7"	7/8"	50	8500	25	1401
		80			1402
		100			1403
		120			1404

# TWINPOWER



### Features

- Zirconium grain
- Exclusive design with abrasive on both sides.
- Metal thread included.



### Benefits

- Avoids waste of abrasive material.
- Quick grinding action and excellent finishing.
- Fast and precision in interior channels and slots.
- Quick assembly.



Grinding

### Video



[http://bit.ly/twin\\_power](http://bit.ly/twin_power)

Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	5/8"-11	40	13300	5	1341
		60			1342
		80			1343

### Adapter



DIMENSION		ITEM
1-1/2"x19/32"x5/8"-11	1	1340



## Semi-Flex Silicon Carbide



### Features

- "Red color" technical fiber backing.
- Silicon carbide grain.

### Benefits

- Quick and efficient grinding action of marble, quarry, concrete, epoxic resin, bronze and gray iron foundry/cast.
- Excellent finishing.



Ø	HOLE	GRIT	MAX. RPM		ITEM
4-1/2"	7/8"	24	13300	25	1334
		36			1335
		60			1336
		80			1337
7"	7/8"	24	8500	5	1344
		36			1345
		60			1346
		80			1347
		120			1348



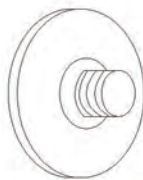
**DISCOS de CAMBIO RÁPIDO**

## Technical Information

### Quick-Change System

Type R

Type S





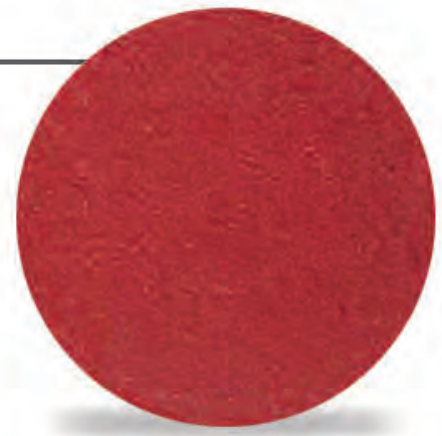
► **Features**

- Ceramic grain.
- Extra resistant backing.



► **Benefits**

- Great stock removal capacity and excellent heat dissipation.
- High performance in severe operations.



**NEW  
LINE**

**Type R**



TYPE	Ø	GRIT	MAX. RPM		ITEM
R	1-1/2"	36	30000	100	4705
		50			4706
		80			4707
		120			4708
R	2"	36	25000	100	640
		60			645
		80			646
		120			647
R	3"	36	20000	50	654
		60			655
		80			656
		120			657

**Type S**

TYPE	Ø	GRIT	MAX. RPM		ITEM
S	1-1/2"	36	30000	100	4690
		50			4691
		80			4692
		120			4693
S	2"	36	25000	100	4675
		50			4696
		80			4697
		120			4698
S	3"	36	20000	50	4700
		50			4701
		80			4702
		120			4703



► **Features**

- Ceramic grain.
- Extra resistant backing.



► **Benefits**

- Great stock removal capacity and excellent heat dissipation.
- High performance in severe operations.



**NEW  
LINE**

TYPE	Ø	GRIT	MAX. RPM		ITEM
R	2"	36	25000	100	4720
		50			4721
		80			4722
		36			4725
R	3"	50	20000	50	4726
		80			4727
		36			4710
S	2"	50	25000	100	4711
		80			4712
		36			4715
		3"			4716
		80			4717



# TENAZIT Premium®

## Green Zirconium



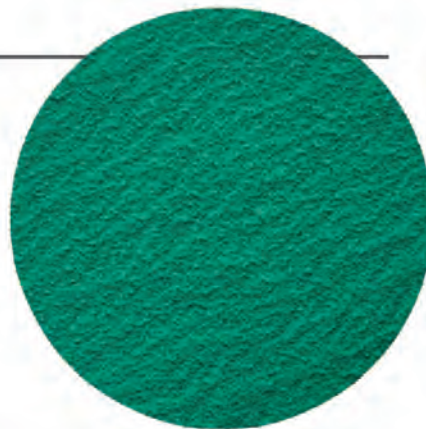
### Features

- "Y" polyester backing.
- Made with anti-clogging coating.
- Green line zirconium grain.



### Benefits

- High performance in stainless and alloy steels.
- Outperform vulcanized fiber backing discs.



### Type R

TYPE	Ø	GRIT	MAX. RPM		ITEM
1-1/2"		36	30000	100	4675 <b>NEW</b>
		50			4676 <b>NEW</b>
		80			4677 <b>NEW</b>
		120			4678 <b>NEW</b>
2"		36	25000	100	1199
		50			4681 <b>NEW</b>
		80			4682 <b>NEW</b>
		120			4683 <b>NEW</b>
3"		36	20000	50	4685 <b>NEW</b>
		50			4686 <b>NEW</b>
		80			1188
		120			4688 <b>NEW</b>



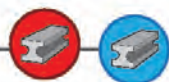
### Type S

TYPE	Ø	GRIT	MAX. RPM		ITEM
1-1/2"		36	30000	100	4660 <b>NEW</b>
		50			4661 <b>NEW</b>
		80			4662 <b>NEW</b>
		120			4663 <b>NEW</b>
2"		36	25000	100	4665 <b>NEW</b>
		50			4666 <b>NEW</b>
		80			4667 <b>NEW</b>
		120			4668 <b>NEW</b>
3"		36	20000	50	2070
		50			4071 <b>NEW</b>
		80			2071
		120			4073 <b>NEW</b>



Lijadora Angular de Doble Acción

# Zirconio Azul



### Features

- Manufactured with zirconium.

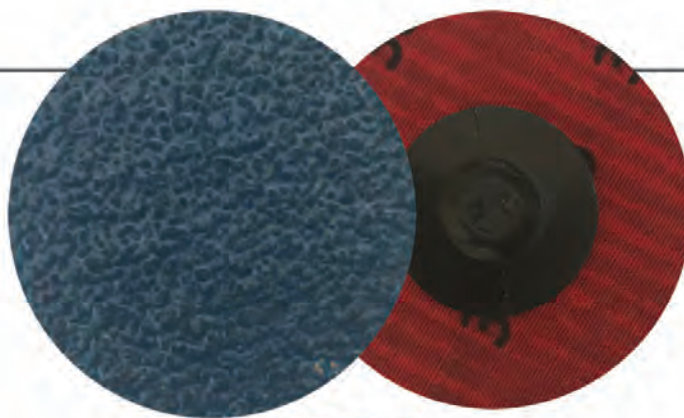


### Beneficios

- Perfect for stainless and high heat-resistant steel, alloys and foundry



Lijadora Angular de Doble Acción



**NEW LINE**

### Type R

TYPE	Ø	GRIT	MAX. RPM		ITEM
1-1/2"		36	30000	100	4645
		50			4646
		80			4647
		120			4648
2"		36	25000	50	4650
		50			4651
		80			4652
		120			4653
3"		36	20000	25	4655
		50			4656
		80			4657
		120			4658



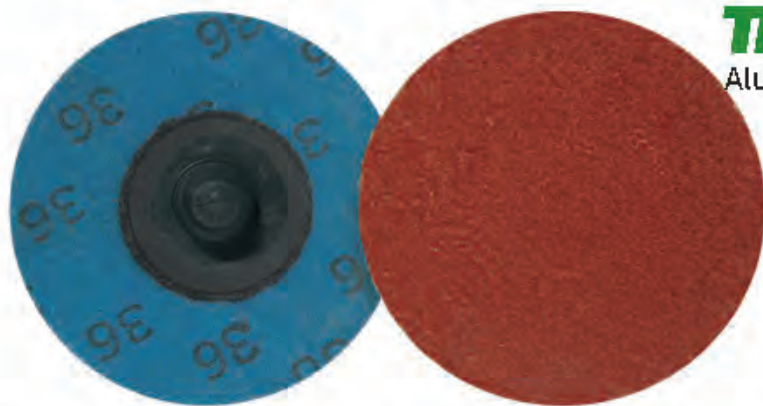
### Type S

TYPE	Ø	GRIT	MAX. RPM		ITEM
1-1/2"		36	30000	100	4630
		50			4631
		80			4632
		120			4633
2"		36	25000	50	4635
		50			4636
		80			4637
		120			4638
3"		36	20000	25	4640
		50			4641
		80			4642
		120			4643



# TENAZIT

## Aluminum Oxide - Cotton Cloth Backing



### Features

- Laminated cotton cloth backing.
- Aluminum oxide grain

### Benefits

- Outstanding grinding versatility of metal, stainless and plastic.
- Excellent performance.



Lijadora Angular de Doble Acción

### Type R

TYPE	Ø	GRIT	MAX. RPM		ITEM
1"	30000	100	24		4550
			36		4551
			60		4552
			80		4553
			120		4554
			180		4555
			240		4556
1-1/2"	30000	100	320		4557
			24		4560
			36		4561
			60		4562
			80		4563
			120		4564
			180		4565
2"	25000	100	240		4566
			320		4567
			24		4570
			36		606
			60		607
			80		608
			120		4574
3"	20000	50	180		4575
			240		4576
			320		4577
			24		4580
			36		619
			60		620
			80		621
3"	20000	50	120		622
			180		4585
			240		4586
			320		4587



R

### NEW LINE

### Type S

TYPE	Ø	GRIT	MAX. RPM		ITEM
1"	30000	100	24		4510
			36		4511
			60		4512
			80		4513
			120		4514
			180		4515
			240		4516
1-1/2"	30000	100	320		4517
			24		4520
			36		4521
			60		4522
			80		4523
			120		4524
			180		4525
2"	25000	100	240		4526
			320		4527
			24		4530
			36		4531
			60		4532
			80		4533
			120		4534
3"	2000	50	180		4535
			240		4536
			320		4537
			24		4540
			36		4541
			60		4542
			80		4543
3"	2000	50	120		4544
			180		4545
			240		4546
			320		4547



S



COATED ABRASIVES

**TENAZIT**



**NEW LINE**

**Aluminum Oxide - Respaldo FV**



**Features**



- Extra resistant backing.
- Premium Aluminum Oxide.

**Benefits**

- High performance and excellent performance.
- High stock removal.

TYPE	Ø	GRIT	MAX. RPM		ITEM
1"	1"	24	30000	100	4610
		36			4611
		50			4612
		80			4613
		24			4615
1-1/2"	1-1/2"	36	30000	100	4616
		50			4617
		80			4618
		24			4620
		36			4621
2"	2"	50	25000	100	4622
		80			4623
		24			4625
		36			4626
		50			4627
3"	3"	80	20000	50	4628



**Type S**

TYPE	Ø	GRIT	MAX. RPM		ITEM	Ø	GRIT	MAX. RPM		ITEM
1"	1"	24	30000	100	4590	2"	24	25000	100	4600
		36			4591		36			4601
		50			4592		50			4602
		80			4593		80			4603
		24			4595		24			4605
1-1/2"	1-1/2"	36	30000	100	4596	3"	36	20000	50	4606
		50			4597		50			4607
		80			4598		80			4608

**TENAZIT Premium**

**Blue Zirconium**



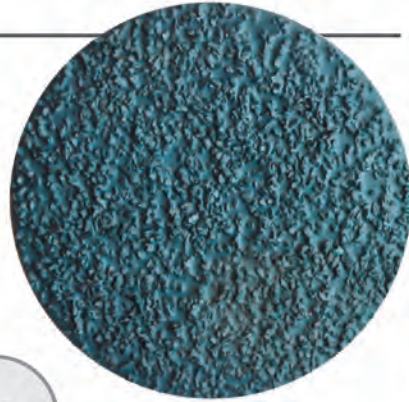
**Features**

- Zirconium grain.
- Abrasive grain adhered to a trimmable plastic backing.

**Benefits**

- Avoids waste.
- Outperforms 10 times more than common discs

TYPE	Ø	GRIT	MAX. RPM		ITEM
2"	2"	60	25000	10	2569
		120			2571
3"	3"	36	20000	10	2573



**TENAZIT Premium**



**Silicon Carbide**

**Features**



- Silicon carbide grain.
- Abrasive grain adhered to a trimmable plastic back.

**Benefits**

- Outperforms 10 times more than fabric or vulcanized fiber discs.

TYPE	Ø	GRIT	MAX. RPM		ITEM
2"	2"	60	25000	10	2589
		60			2592
3"	3"	60	20000	10	2593
		120			2593







General Purposes

Ø	GRIT		ITEM
PSA			
	40	25	1645
	60		1646
	80		1647
5"	100	50	1648
	120		1660
	150		1661
	180		1679



Dual Action Sander



Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
	36	25	1847
	40		1848
	60		1849
	80		1853
5"	100	50	1854
	120		1855
	150		1856
	180		1857
	220		1858
	36	25	1876
6"	80	50	1877
	120		1878

Ø	GRIT		ITEM
<b>ULTRAGRIP 8 holes</b>			
5"	80	50	1864

Features

- Made with aluminum oxide grain on a "x" flexible cotton cloth
- Disponibles con 2 sistemas de fijación:
- PSA (pegamento)
- **ULTRAGRIP**
- Clave 1864 con 8 orificios.

Benefits

- High performance and excellent performance for wood, metal, varnish and lacquer finishing.
- For grinding and intermediate finishing such as scratches elimination.

**TENAZIT Premium**  
Antistatic - Wood



Dual Action Sander



Features

- Open structure.
- Premium aluminum oxide grain.
- Antistatic treatment to avoid dulling.
- "F" paper back.

Benefits

- High performance in surface sanding of wood, lacquer, paint and metal.
- Won't clog.

Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
	60		2086
5"	80	50	2087
	100		2088
	120		2089
	60		2091
6"	80	50	2092
	100		2093



Retail Pack  
8 holes  
(5 pieces)

Ø	GRIT		ITEM
<b>ULTRAGRIP 8 holes</b>			
	Grueso		2256
5"	Mediano	1	2257
	Fino		2258

# MAGMA

Automotive



## Features

- Semi-open structure.
- Ceramic aluminum oxide grain made.
- Waterproof paper film backing.



## Benefits

- Outstanding performance in high production operations.
- Excellent for automotive paint, common paint, laquer, resin coating and polyester sanding.
- Whether for dry or wet applications.
- Great grain retention and break-resistance



Ø	GRANO	CLAVE
6"	36	2028
	60	2030
	80	2032
	100	2031
	120	2033
	150	2034
	180	2035
	220	2036
	320	2037
	400	2038
6"	600	2054
	800	2055
	1000	2056
	1200	2057
	1500	2058
	2000	2059

Ø	GRIT	ITEM
6"	220	2046

# TSA4 GOLD

General Purposes



Ø	GRIT	ITEM
5"	40	1658
	60	1659
	80	1662
	100	1862
	120	1663
	150	1664
	180	1665
	220	1666
	320	1667
	400	1668
5"	40	1694
	60	1695
	80	1704
	100	1907
	120	1705
	150	1706
	180	1707
	220	1708
6"	240	1696
	320	1709
	400	1710
	40	1728
	60	1737
	80	1738
	40	1748
	60	1749
	80	1750
	100	1917
6"	120	1772
	150	1773
	180	1774
	220	1775
	240	1777
	320	1776
	400	1791
	600	1778
800	1779	

## Features

- Premium aluminum oxide grain.
- High resistant "C" paper backing.
- Semi-open structure.



## Benefits

- Excellent for sanding wood, paint, sealants, plastic and fillers.
- Prevents clogging.
- Flexible for really good finishes.

Ø	GRIT	ITEM
5"	80	1734
	120	1735

### Retail Pack (5 pieces)

Ø	GRIT	ITEM
5"	80	1556
	120	1557
	150	1558
	220	1560



# SuperAssilex

Lijado en Seco



## Features

- Innovative latex backing.
- Super flexible.
- Different color for each size grit.
- Special **ULTRAGRIP** Backing.



Lijadora Angular de Doble Acción

## Benefits

- Nuanced finish of new pieces, old paint, and surface's preparation before painting them.
- For any type of surfaces even concave-convex, thanks to its excellent flexibility.
- Finishings without scratches. Perfect for water based paint.
- Dry sanding that allows you to check your finishing while working on your workpiece.
- Without dry step, no risk of blister generation.
- 30% less worktime.
- High performance.



Dual Action Sander



Ø	GRIT	COLOR		ITEM
<b>ULTRAGRIP</b>				
75 mm	240	Brown		3230
	320	Navy Blue		3231
	400	Light Blue		3232
	600	Aqua	50	3260 <b>NEW</b>
	800	Yellow		3233*
	1200	Orange		3234*
	1500	Pink		3235*
<b>ULTRAGRIP 7 holes</b>				
125 mm	240	Brown		3240
	320	Navy Blue		3241
	400	Light Blue		3242
	600	Aqua	25	3261
	800	Yellow		3243 <b>NEW</b>
	1200	Orange		3244
	1500	Pink		3245

\*Includes interface pads item 3238.



### Tech - Tip

Use in machine item: **2510** for discs of 75 mm items 3230 a 3237.

## Sandpaper Backing

### SuperAssilex



Soft

Ø		ITEM
73 mm	4	3238



Soft with 7 holes

Ø		ITEM
122 mm	2	3248



Hard with 7 holes

Ø		ITEM
122 mm	2	3249

# SUPER Buflex.

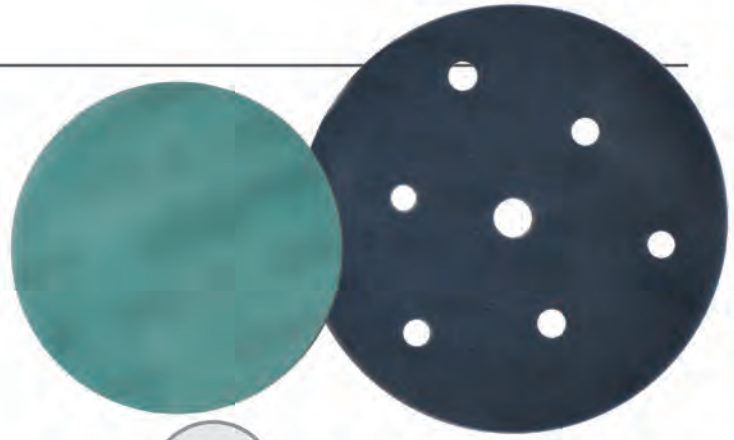


## Features

- Ultra flexible latex backing.
- Unique grit structure.
- Special **ULTRAGRIP** Grip Backing.

## Benefits

- Easy texture control and final finishing before polishing.
- Brand new car's finishings.
- 50% Less polish time thanks to its SuperBuflex finishing.



Lijadora Angular de Doble Acción



Dual Action Sander

Ø	GRIT	COLOR		ITEM
<b>ULTRAGRIP</b>				
75 mm	2000-2500	Green	50	3236
	3000-4000	Black		3237
<b>ULTRAGRIP 7 holes</b>				
125 mm	2000-2500	Green	25	3246
	3000-4000	Black		3247

## Backing



### Soft

Ø		ITEM
73 mm	4	3239



### Soft with 7 holes

Ø		ITEM
122 mm	2	3219

# Tolecut



## Features

- 3 different grits for removal of dust, paint excess, etc.
- PSA backing.



Mini-lijadora Orbital



## Benefits

- Removes dust, scratches and excess of polish.
- Dry sanding that allows you to check your finishing while working on your workpiece.
- Film backing for an easy removal of defects obtaining perfect finishings.

Ø	GRIT	COLOR		ITEM
PSA				
34 mm	1500-2000	Pink	600	2525
	2000-2500	Green		2526
	3000-4000	Black		2527

## Backing pad for Tolecut



Ø		ITEM
31 mm	10	2528



### Tech - Tip

For better results use orbital sander 2512.

## Automotive Paint - Lacquer



Dual Action Sander

### Features

#### TSA2C - Aluminum oxide



- Paper C backing.
- Premium aluminum oxide with anticlogging coated.

### TSA2C

Ø	GRANO		ITEM
PSA			
6"	80	50	2012
	120		2013

#### T1ZF-Zirconio



- Zirconium with "F" Paper backing of high resistance.
- Excellent for metal, steel and stainless steel sanding.

### T1ZF

Ø	GRANO		ITEM
<b>ULTRAGRIP</b>			
6"	40	25	2001
	60		2000 <b>1/A</b>
	80		2002

### Benefits

- Excellent for paint and automotive restoration workshops. For lacquer, paint and varnish sanding.

## Automotive Paint - Lacquer



Dual Action Sander



### Features



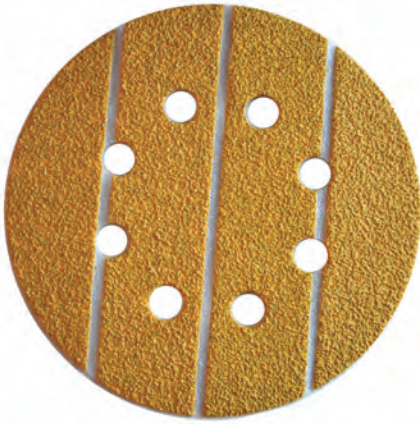
- "C" paper backing.
- Special stearate coating that delays dulling.

### Benefits

- Excellent finishes.
- Doesn't clog

Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
5"	80	50	1936
	100		1937
	120		1938
	150		1939
	180		1940
	220		1941
	320		1944
	400		1946
6"	80	50	1947
	100		1948
	120		1949
	180		1951
	220		1952
	320		1955
	400		1957

# Abraturbo



## Features

- Made with aluminum oxide grain.
- **ULTRAGRIP** backing.



## Benefits

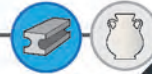
- Exclusive design that prevents dullness.
- Can be folded to reach areas of difficult access and use manually.

## Discs



Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
5"	180	100	1924
	240		1925
6"	60	50	1961
	80		1962
	120	100	1963
	180		1965
	240		1966
	500		1968

# SúperPad



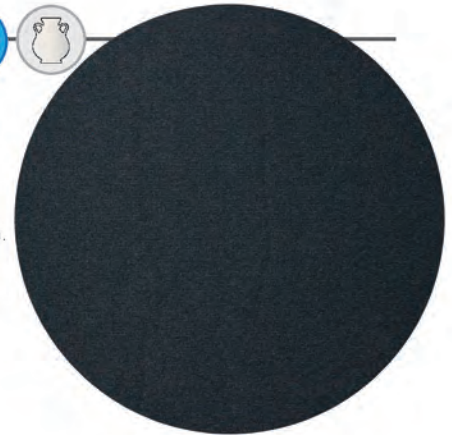
## Features

- Semi-open structure.
- Premium silicon carbide grain.
- Integrated shock absorption system.
- Specification TJASG3V.

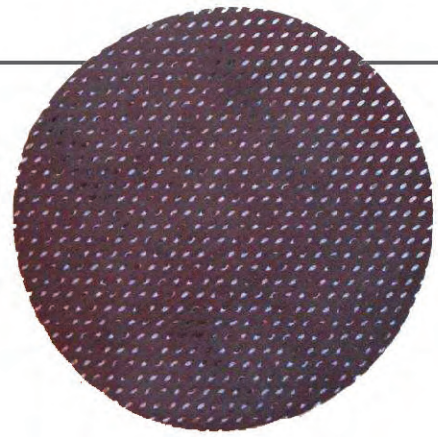


## Benefits

- Waterproof.
- Great flexibility, adapts perfectly to any surface.
- High gloss finish (similar to mirror finish).
- Doesn't clog.



Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
5"	360	10	1869
	500		1870
	600		1871
	1000		1872
	2000		1873
	3000		1874
	4000		1875
	360		1879
	500		1880
	600		1881
6"	1000	10	1882
	2000		1883
	3000		1884
	4000		1885



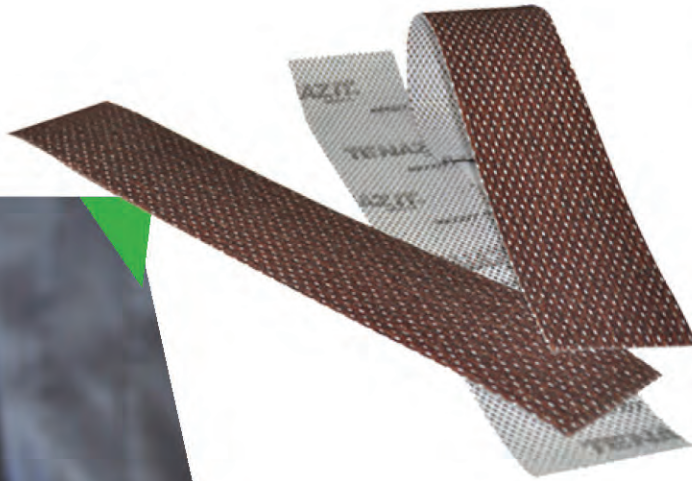
## Features

- Perforated structure.
- Aluminum oxide grain.
- **ULTRAGRIP** backing.



## Benefits

- Dust-free sanding applications.
- Designed to avoid clogging.
- Ideal for use with dust extraction systems



## Discs

Ø	GRIT		ITEM
<b>ULTRAGRIP</b>			
5"	80		2063
	120	50	2064
	180		2065
6"	80		2066
	120	50	2067
	180		2068



## Strips

DIMENSIONES	GRIT		ITEM
<b>ULTRAGRIP</b>			
2-3/4" x 16-1/2"	80	25	1980
	120		1981



## Rolls

DIMENSIONES	GRIT		ITEM
<b>ULTRAGRIP</b>			
2-3/4" x 394"	80	1	1982
	120		1983

# MAGMA

Automotive Ceramic- Film



## Features

- Ceramic aluminum oxide grain.
- Open structure.
- **ULTRAGRIP** backing.



## Benefits

- High performance.
- Does not clog.
- High stock removal.
- Best for car repair



DIMENSIONS	GRIT		ITEM
<b>ULTRAGRIP</b>			
	36		1887
	60		1886
	80		1888
2-3/4"x16-1/2"	100	25	1890
	120		1889
	180		1892
	220		1896
	320		1900



Hand Use

# Zirconio

Automotive/ Paper F TIZF



## Features

- Zirconium grain.
- Open structure.
- **ULTRAGRIP** backing.
- "F" Paper back



## Benefits

- Doesn't clog.
- Long life.



Hand Use

DIMENSIONS	GRIT		ITEM
2-3/4"x16-1/2"	40		2051
	60	25	2050 <b>NEW</b>
	80		2052

# Hand File



## Features

- Designed for "Tenazit" sanding Velcro® strips.



Hand Use

DIMENSIONS		ITEM
2-3/4"x16"	1	1992





**TENAZIT**  
Premium®



**Features**

- Premium aluminum oxide grain.
- Flexible cotton cloth backing.



**Benefits**

- High performance for extensive surfaces metal.
- Excellent finishings on stainless steel.



Bench Grinder



Straight Grinder



**Tech - Tip**

Flap wheel always must be run in the direction indicated by the label. Otherwise the wheel may show low performance or be damaged

**Diameter = ø in mm**

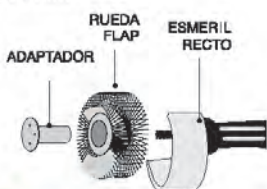
6" = 150 mm  
7" = 180 mm

**Thickness = T in mm**

1" = 25 mm  
2" = 50 mm  
3" = 75 mm

**Hole = H in mm**

1" = 25 mm



**Item 1625** Suitable for 6" x 2" wheel. 5/8" - 11H machines.

Ø	THICKNESS	HOLE	GRIT	MAX. RPM	ITEM
6"	1"	1"	60	5800	728
			80		745
			120		748
	2"	1"	40		725
			50		726
			60		727
3"	1"	80	729		
		120	749		
		220	1697		
7"	2"	5/8"	80	5800	788
			120		789

**With thread**



**Features**

- Easy assembling on angle grinder.
- Made with closed structure aluminum oxide.



**Benefits**

- Integrated thread.
- Premium aluminum oxide grain.
- Resistant to high pressure.
- High performance in cleaning operations such as metal stainless steel finishing.



**Diameter = ø in mm**

4-1/2" = 115 mm

**Thickness = T in mm**

3/4" = 20 mm

**Hole = H in mm**

5/8" = 15.9 mm

Ø	THICKNESS	HOLE	GRIT	MAX. RPM	ITEM
4-1/2"	3/4"	5/8"-11	40	13200	1387
			60		1388
			80		1389

# Zirconium



COATED ABRASIVES



## Features



- Made with zirconium grain.

## Benefits

- Excellent stock removal and finishing.
- Specially designed for stainless steel working.
- Performance enhanced by 40% compared to standard flap wheels.



Bench Grinder



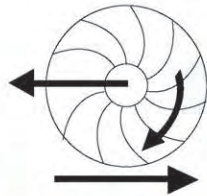
Straight Grinder

Ø	THICKNESS	HOLE	GRIT	MAX. RPM	ITEM
6"	2"	1"	36	5800	722

**Diameter= Ø in mm**  
6" = 150 mm

**Thickness= T in mm**  
2" = 50 mm

**Hole= H in mm**  
1" = 25.4 mm



### Tech - Tip

Flap wheel always must be run in the direction indicated by the label. Otherwise the wheel may show low performance or be damaged.



Straight Grinder



Bench Grinder

Ø	THICKNESS	HOLE	GRIT	MAX. RPM	ITEM
6"	1"	1"	36	5800	2931
			60		2934
			80		2935
6"	1-1/2"	1"	40	5800	2902
			80		2905
			120		2907
6"	2"	1"	36	5800	2911
			50		2913
			80		2915
6"	2"	1"	120	5800	2917
			36		2921
			50		2923
7"	2"	5/8"	80	5125	2925
			80		2925

## Features



- Aluminum oxide grain.
- "X" cloth backing.

## Benefits

- Best option when price is primary concern.
- Good performance in severe operations.

**Diameter = Ø in mm**

6" = 150 mm  
7" = 180 mm

**Grosor = T in mm**

1" = 25 mm  
1-1/2" = 38 mm  
2" = 50 mm

**Barreno = H in mm**

5/8" = 15.9  
1" = 25.4 mm



## Features

- Made with premium aluminum oxide grain on high flexible backing.
- Bakelite center.



## Benefits

- For cleaning and finishing of ferrous and nonferrous metals, stainless steel, plastic, paint and wood.
- High deburring performance, excellent flexibility and finishing.
- Avoids scratching.



### Diameter = Ø in mm      Thickness = T in mm

1" = 25 mm      1/2" = 13 mm  
 1-1/2" = 38 mm      3/4" = 20 mm  
 2" = 50 mm      1" = 25 mm  
 2-1/2" = 65 mm      1-1/2" = 38 mm  
 3" = 75 mm      2" = 50 mm

### Shaft = S in mm

1/4" = 6.4mm



Mototool Lijadora Recta



### Tech - Tip

Item 1698 Specially engineered for sanding internal pieces of aluminum, car wheels, tubes, stainless sink and tight spaces.

Ø	THICKNESS	SHAFT	GRIT	MAX. RPM		ITEM
1"	1/2"	1/4"	80	30000	10	902
			60			905
1"	1"	1/4"	80	30000	10	906
			120			903
1"	2"	1/4"	120	30000	10	1638
			60			871
1-1/2"	3/4"	1/4"	80	30000	10	872
			60			909
2"	1/2"	1/4"	60	25000	10	910
			80			642
2"	3/4"	1/4"	60	25000	10	644
			80			914
2"	1"	1/4"	60	25000	10	915
			80			919
2"	1-1/2"	1/4"	120	25000	10	908
			60			928
2-1/2"	1"	1/4"	80	23000	10	934
			120			913
3"	1/2"	1/4"	60	20000	10	953
			80			954
3"	1"	1/4"	80	20000	10	955
			40			923
3"	1"	1/4"	60	20000	10	926
			80			927
			120			930
						907

# IMPERIAL

## Ceramic Grain



Niquel Alloys

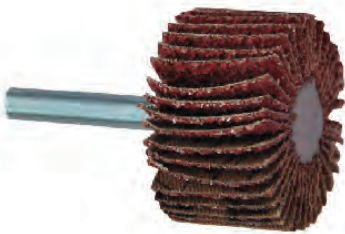
## Features

- Ceramic grain with special coating.



## Benefits

- High performance.
- Minimal heat build-up when working especially on stainless steel, titanium and nickel alloys.



Mototool Lijadora Recta

Diameter = Ø in mm      Thickness = T in mm      Shaft = S in mm  
 1-1/2" = 40 mm      1" = 25 mm      1/4" = 6.4 mm

Ø	THICKNESS	SHAFT	GRIT	MAX. RPM		ITEM
1-1/2"	1"	1/4"	40	20000	10	920
			60			921
			80			922



### Features

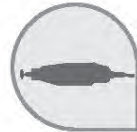
- Made with aluminum oxide grain.



### Benefits

- Great for metal sanding, deburring and finishing.

Ø	THICKNESS	SHAFT	GRIT	MAX. RPM		ITEM
3/8"	3/8"	1/8"	80	40000	10	1608
			120			1609
			180			1610
			320			1611
1-3/16"	1/8"	1/4"	60	30000	10	1470
			80			1471
			120			1472
			240			1473
1-3/16"	3/16"	1/4"	60	30000	10	1474
			80			1475
			120			1476
			240			1477
1-3/16"	3/8"	1/4"	60	30000	10	1478
			80			1479
			120			1480
			240			1481
2"	3/16"	1/4"	60	50000	10	1482
			80			1483
			120			1484
			240			1485
2"	3/8"	1/4"	60	50000	10	1486
			80			1487
			120			1488
			240			1489



Mototool Lijadora Recta

#### Diameter = Ø in mm

3/8" = 10 mm  
1-3/16" = 30 mm  
2" = 50 mm

#### Thickness = T in mm

1/8" = 3 mm  
3/16" = 5 mm  
3/8" = 10 mm

#### Shaft = S in mm

1/8" = 3.2 mm  
1/4" = 6.4 mm



Mototool Lijadora Recta

### Features

- Made with high flexible and resistant aluminum oxide grain.

- 1/4" Shaft.

### Benefits

- Excellent blend of performance and price.
- Good sanding, deburring and metal finishing performance



#### Diameter = Ø in mm

1" = 25 mm  
2" = 50 mm  
3" = 75 mm

#### Thickness = T in mm

1" = 25 mm  
1-1/2" = 38 mm

#### Shaft = S in mm

1/4" = 6.4 mm

Ø	THICKNESS	GRIT	MAX. RPM		ITEM
1"	1"	40	30000	10	2610
		60			2611
		80			2612
		120			2613
2"	1"	40	25000	10	2614
		60			2615
		80			2616
		120			2617
3"	1"	40	20000	10	2618
		60			2619
		80			2621
		120			2622
3"	1-1/2"	40	20000	10	2623
		60			2624
		80			2625
		120			2626

## Spherical Flap Wheel



### Features

- Aluminum oxide grain.
- High precision aesthetic forms.
- 1/4" Shaft.

### Benefits

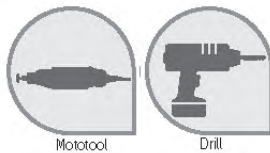
- Excellent for curved round or convex parts and surfaces.



Diameter = $\phi$ in mm	Shaft = S in mm
3/4" = 20 mm	1/4" = 6.4 mm
1-3/16" = 30 mm	
1-9/16" = 40 mm	

$\phi$	GRIT	MAX. RPM		ITEM
3/4"	80	28000	10	946
1-3/16"	80	18000	10	947
1-9/16"	80	18000	10	948

## Sanding stars with shaft

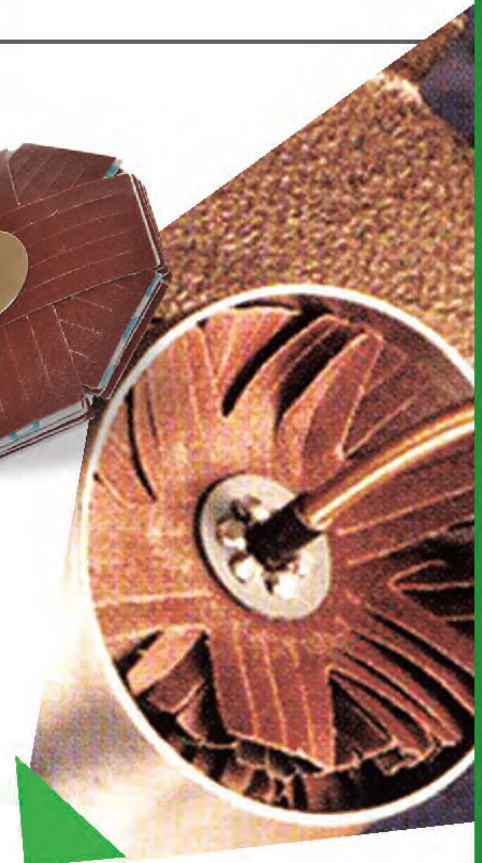
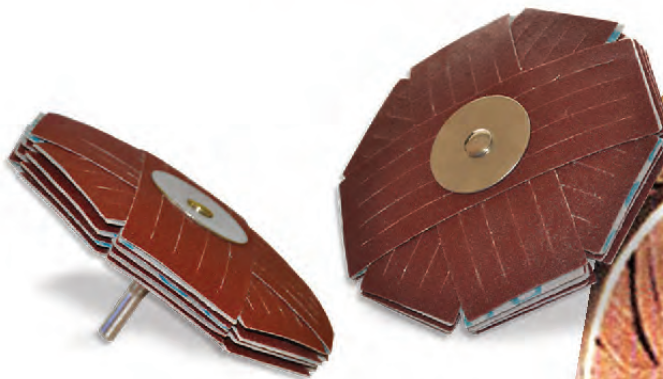


### Features

- 32 aluminum oxide sanding layers.
- 1/4" shaft.

### Benefits

- Ideals for curved surfaces.
- Fine and uniform finishing.



$\phi$	GRIT	MAX. RPM		ITEM
5"	60	4000	1	2645
	80			2646
	100			2647
	120			2648

## Anti-slip retail pack



### Features

- Long lasting glue.
- Made with high resistant abrasive grain.



### Benefits

- Long life and maximum safety to prevent falls, slips and landslides.

Length = 5000 mm

DIMENSIONS	ITEM
1"x197"	2759



## Shop Rolls



### Features

- Made with aluminum oxide and high flexible fabric.
- Special for sanding tubes and curved surfaces



### Benefits

- For sanding copper pipes, tin welding, paint, metal and wood.
- Best choice when price and performance are primary concerns.



Length = 45720 mm

WIDTH	LENGTH	GRIT	ITEM
1"	50 yandas	120	1263
1-1/2"	50 yandas	100	1251
		120	1265

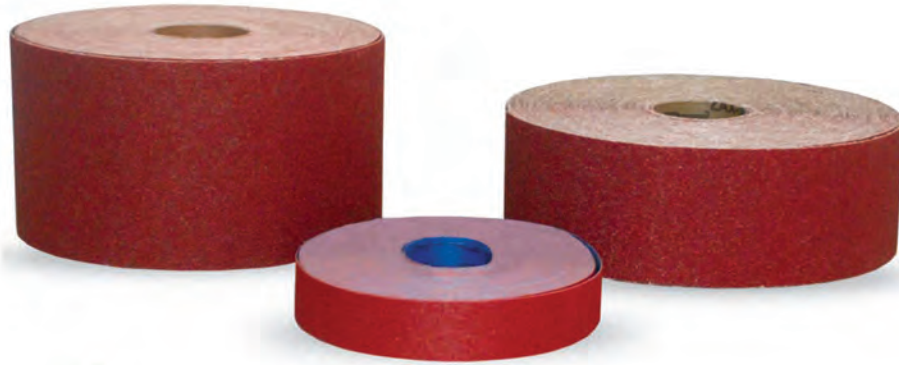


### Retail Pack

DIMENSIONS	GRIT	ITEM
1-1/2"x197"	120	1004

# Sanding Roll

General Purpose



## Features

- Made with aluminum oxide grain.
- "X" cloth backing.

## Benefits

- For metal and wood sanding.

Largo = 45720 mm

WIDTH	LENGTH	GRIT		ITEM
3"	50 yards	80	1	2423
		36		2406
		60		2408
4"	50 yards	80	1	2409
		100		2410
		120		2411
		36		2436
		50		2450
24"	50 yards	60	1	2460
		80		2480
		100		2400



Hand Use



# Pyramidal Aluminum Oxide Products



## Features

- Made with aluminum oxide.
- Very flexible cloth backing.
- High quality non woven.



## Benefits

- For sanding steel and stainless steel, aluminum and brass.
- Top high performance.
- Produce excellent finishings in fewer steps.
- Perfect for manufactured of pharmaceutical and food industry equipments.



Angle Polisher

## Interlaced Flap Roll

DIMENSIONS	GRIT	MAX. RPM	ITEM
4-1/4"x4" x 3/4"	600	4200	1 2781

## Flap Disc Type A



Grinding



Angle Polisher

DIMENSIONS	GRIT	MAX. RPM	ITEM
4-1/2"x3/4" x 7/8"	600	4000	1 2785



Dual Action Sander



Angle Polisher

## Discs with **ULTRAGRIP**

Ø	GRIT	MAX. RPM	ITEM
5"	400	10000	2789
	600		2790
1200	2791		
2000	2792		



Mototool Lijadora Recta

## Mounted flap wheel

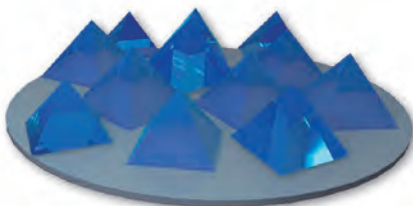
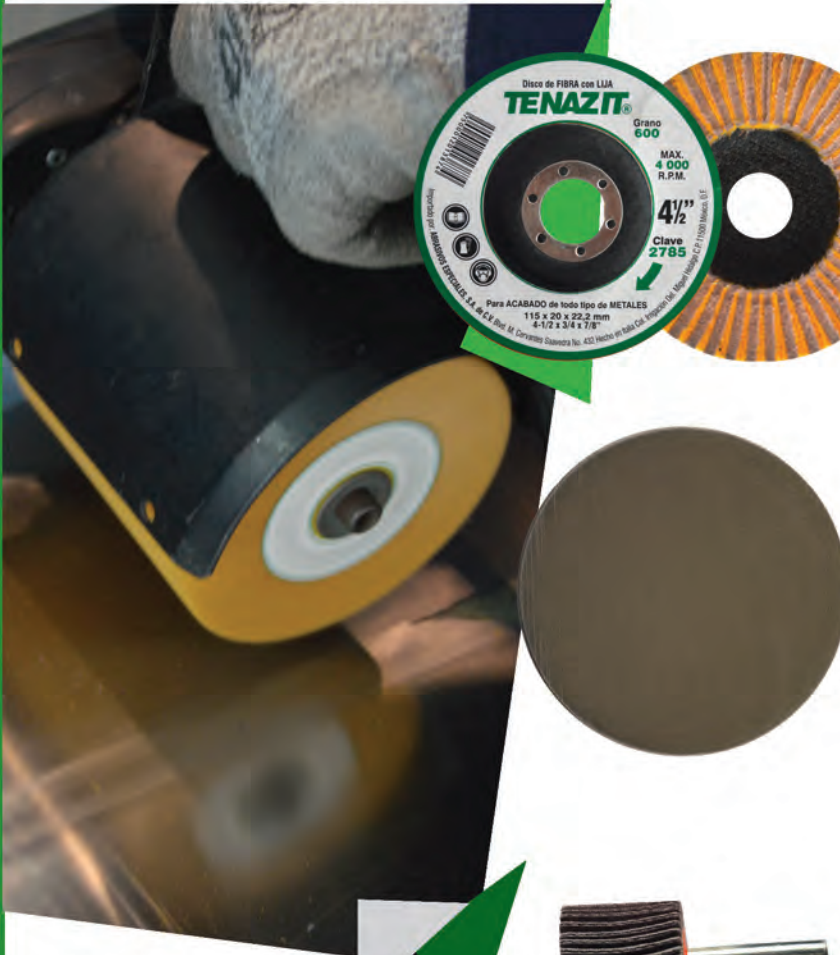
DIMENSIONS	GRIT	MAX. RPM	ITEM
1-3/16"x1-3/16"x1/4"	600	15000	10 2794
	1200	15000	10 2795



Mototool Lijadora Recta

## Straight cartridge roll

DIMENSIONS	GRIT	MAX. RPM	ITEM
5/16"x1" x 1/8"	600	26000	10 2786
1/2"x1" x 1/8"	600	26000	10 2787







**NON  
WOVEN**

## Technical Information

### Features

Tenazit® has the most complete line of products for finishing, blending, deburring, cleaning and polishing surfaces of wood, aluminum, bronze, copper, nickel chrome, stainless steel, zinc, titanium, ceramic, glass, plastic, fiberglass and many other materials. Whether for dry or wet applications.

### Recommended Operating Speed

Application	Recommended Speed (m/s)
Decorative finishing	3-15
Cleaning and improvement of surface conditions	11-30
Stock removal	18-33
Deburring	28-40
Elimination of machine marks	33-40

### Technical Information **TENAZIT**

We can manufacture: discs, wheels, belts and flap discs in different measures.

CALL YOUR SALES AGENT

Specification	Color	Backing	Grit / Density	Use			
				Discs	Belts	Wheels	Flap Discs
TBANW 80	Green	Green	Fine				
TBANW 81	Brown	Beige	Coarse				
TBANW 82	Marron	Pink	Medium				
TBANW 83	Blue	Blue	Very Fine				
TBANW 85	Brown	Beige	Coarse	●			●
TBANW 86	Marron	Pink	Medium	●			●
TBANW 87	Blue	Blue	Very Fine	●			●
TBANW 88	Brown	Green	Coarse		●		
TBANW 89	Marron	Green	Medium		●		
TBANW 90	Blue	Green	Very Fine		●		
TBANW 91	Brown	Blue	Coarse	●	●		
TBANW 92	Marron	Blue	Medium	●	●		

### Conversion Chart

Diameter

Ø	mm	Ø	mm
1/8"	3.2	4"	100
1/4"	6.4	4-1/4"	110
1/2"	13	4-1/2"	115
7/8"	22.23	5"	125
1-1/2"	38	6"	150
2"	50	7"	180
2-3/4"	70	8"	200
3"	75	19"	483
3-1/8"	80		

# SURFACE PREPARATION

## Change System



### Flap Discs

#### Features

- Made with high resistance non woven material.
- Grit sizes available: coarse, medium and very

#### Benefits

- Ideal for surface conditioning.
- Safe and resistant.
- Finish obtained compared to flap discs is:
  - Brown- coarse : 60
  - Light brown - medium: 80 -120
  - Blue - very fine : 180 -24



TYPE	Ø	HOLE	GRIT	MAX. RPM	ITEM
			Café Grueso		2967
B	4-1/2"	7/8"	Marrón Mediano	13300	5 2968
			Azul Muy Fino		2969

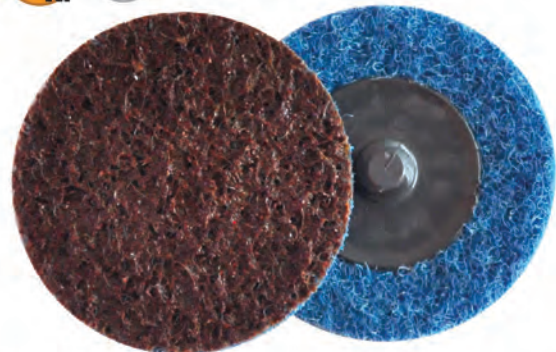
### Quick Change Discs

#### Features

- Specification TBANW92 (marron). High performance
- Specification TBANW91 (brown). High performance
- Coarse, medium and very fine grit sizes.
- With nylon fiber, resin and ceramic grain and aluminum oxide.

#### Benefits

- For working on flat or irregular steel, stainless steel and aluminum surfaces.
- Top high performance.
- Consistent finishings



TYPE	Ø	GRIT	COLOR	MAX. RPM	ITEM
R	2"	Coarse	Brown	23000	623
		Medium	Marron		624
		Very Fine	Blue		648
R	3"	Coarse	Brown	18000	625
		Medium	Marron		626
		Very Fine	Blue		649



#### Tech - Tip

Coarse grain is great for small grinding applications and light deburring, leaving an excellent finish.

## Discs



### Features

- Specification: TBANW91 Brown  
TBANW92 Marron  
TBANW87 Blue
- **ULTRAGRIP** fixing system.
- Coarse, medium and very fine grit sizes.
- Coarse and medium grit sizes made with ceramic grain.



### Benefits

- Ideal for blending and finishing flat or irregular surfaces of aluminum and stainless steel.
- Easy assembling.
- Top performance.



Grinder

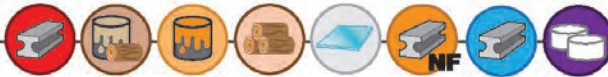


Angle Polisher



Ø	GRIT	COLOR	MAX. RPM		ITEM
5"	Coarse	Brown	6000	10	2323
	Medium	Marron			2328
	Very Fine	Blue			2359
7"	Coarse	Brown	6000	10	632
	Medium	Marrón			633
	Very Fine	Blue			643

## TENAZIT<sup>®</sup> Scuff Rolls



### Features

- Made with nylon fibers, resin and high quality abrasive grain.
- 3D Structure.
- High flexibility.

### Benefits

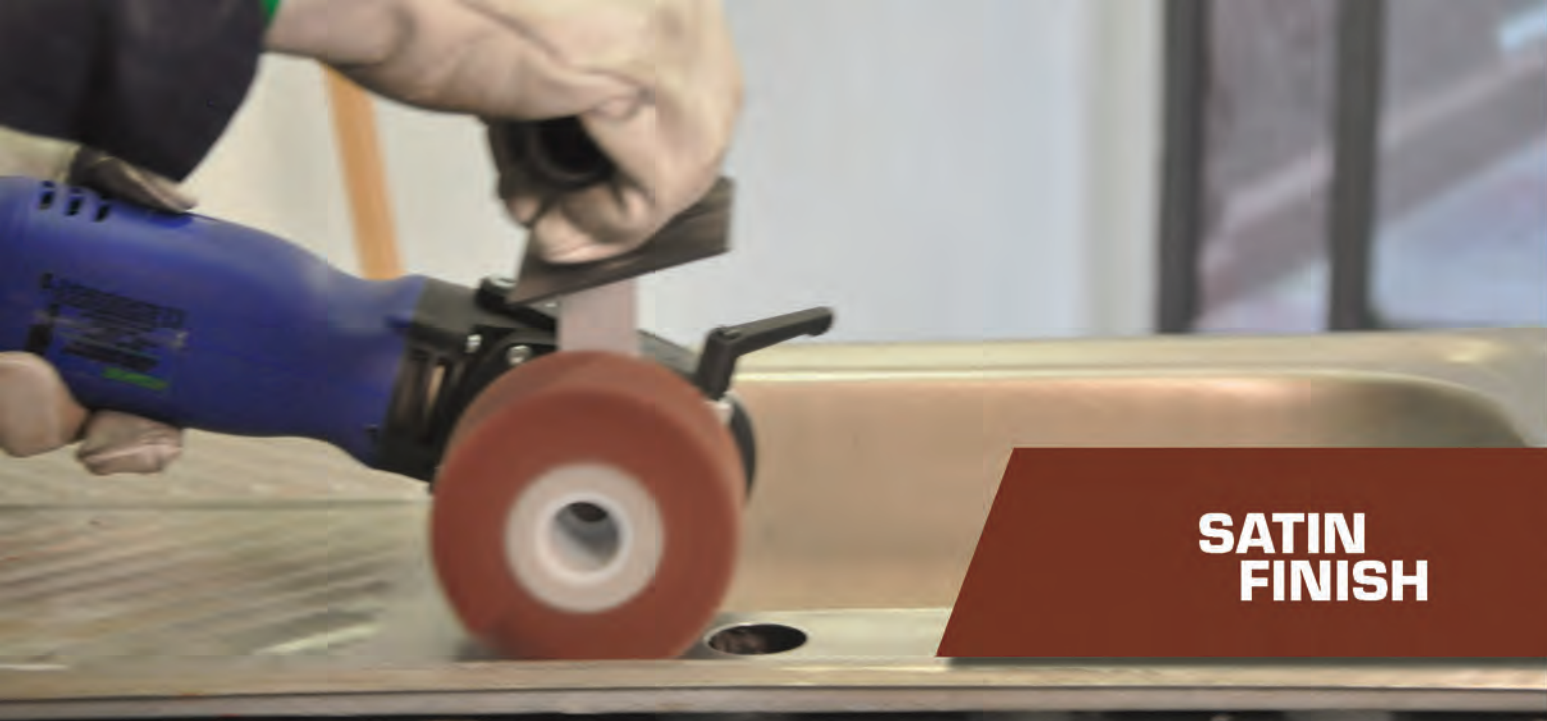
- Clog resistant.
- For matting painted parts.
- Also for wet applications. For finishing on flat or irregular surfaces.



Hand Use

Large = 10 m

DIMENSIONS	GRIT	COLOR		ITEM
4-1/2" x 394"	360- Fine	Marron	1	2421
	1500- Ultra Fine	Gray		2420



# SATIN FINISH

## Features

Manufactured without a reinforcement mesh, with light materials, flexible and more adaptable than any other materials. The products for satin finish are manufactured with nylon fibers, that are stronger and reinforced with resins.

## Quick- Change Discs



### Features

- Color coded non woven material, for easy identification.

### Benefits

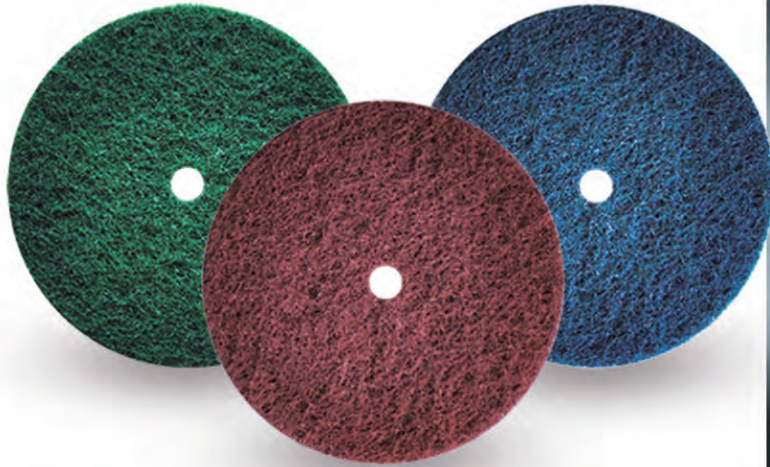
- For stainless steel, steel alloys, heat-resistance steel and foundry.

TYPE	Ø	GRIT	COLOR	MAX. RPM		ITEM
2"		Coarse	Green	25000	50	4736
		Medium	Blue			4734
		Very Fine	Marron			4732
		Super Fine	Grey			4730
3"		Coarse	Green	20000	25	4737
		Medium	Blue			4735
		Very Fine	Marron			4733
		Super Fine	Grey			4731



Lijadora eje vertical

# Buff & Blend



## ► Features

- Made with fiber impregnated with resin and aluminum oxide.
- 3 different grit sizes.

## ► Benefits

- Ideal for uniform finishing of aluminum, brass and stainless steel pieces such as ironwork and utensils.
- Excellent for pipe interiors cleaning, automotive valve seats, molds, brake cylinders and glass.
- For satin finishing of stainless steel sheets and equipments also made of non-ferrous metals.
- To standardize finishes on machined parts.



Bench Grinder



Straight Grinder

Ø	HOLE	GRIT	COLOR	MAX. RPM		ITEM
		Coarse	Green			681
6"	1/2"	Medium	Blue	3600	10	682
		Very Fine	Marron			683



### Tech - Tip

#### MARRON

For final finishing of ironwork, jewelry tools, stainless steel, bronze, copper and brass.

#### BLUE

For satin finishing of ironworks and tools. Cleans stainless steel, bronze, copper and brass.

#### GREEN

For satin finishing and deep cleaning of steel, stainless steel and aluminum.

# Mounted Flap Brushes



## Features

- Aluminum oxide grain.
- Ruedas combinadas, tienen lija flexible.

## Benefits

- Ideal for flat or irregular surfaces of metal, aluminum and stainless steel.
- Soft & comfortable.
- Interleaved wheel combination that eliminates small burrs and leaves consistent and final finishing.
- Item 1640 - Ultra high performance

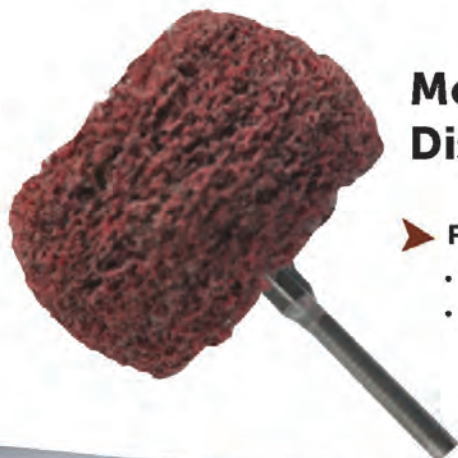


## Non Woven

Ø	THICKNESS	SHAFT	GRIT	MAX. RPM	ITEM	
2"	1"	1/4"	Medium	13700	10	1604
			Fine		1605	
3"	1"	1/4"	Medium	8600	10	1606
			Fine		1607	
	2"	1/4"	Medium	8600	10	1640

## Interleaved Non Woven + A/O Cloth

Ø	THICKNESS	SHAFT	GRIT	MAX. RPM	ITEM	
2"	1"	1/4"	Medium-80	13700	10	1601
			Fine-180		1600	
3"	1"	1/4"	Medium - 80	8600	10	1603
			Fine -180		1602	



# Mounted Satin Disc wheels



## Features

- Aluminum oxide grain.
- High speed resistant.

## Benefits

- Fast and deep cleaning of tubes, cylinders, valves and irregular surfaces.
- Creates a satin finishing without altering part of the geometry.
- Smooth cushioned polishing.
- Ideal to eliminate surface contaminants.



DIMENSIONS	GRIT	MAX. RPM	ITEM	
1-1/2"x1"x1/8"	Medium	18000	50	672
	Fine		673	



### Tech - Tip

- MEDIUM GRIT SIZE:**  
Deep and fast cleaning, medium finishing.
- FINE GRIT:**  
Light cleaning and excellent finishing.



# Flap Rolls



## Features

- Tenazit Premium: 5/8" - 11"
- Easy mounting on pneumatic and electric tools.
- For stainless steel, aluminum, bronze and other alloys finishing applications.
- Item 693 especially engineered for rusty or dirty surface cleaning, leaving a satin finishing

## Benefits

- Tenazit Premium: 5/8" - 11"
- Easy mounting on pneumatic and electric tools.
- For stainless steel, aluminum, bronze and other alloys finishing applications.
- Item 693 especially engineered for rusty or dirty surface cleaning, leaving a satin finishing



## Adapter

Item 1399



Ø	THICKNESS	HOLE	LINE	TYPE	GRANO	MAX. RPM		ITEM
4"	4"	3/4"	TENAZIT	Non Woven	Coarse	5000	1	1396
			TENAZIT	Non Woven	Medium			1397
			TENAZIT	Non Woven	Fine			1400
4-1/4"	4"	5/8"-11	TENAZIT Premium I.	Flap	80	5000	1	1395
			TENAZIT Premium I.	Non Woven	Coarse			1392
		TENAZIT Premium I.	Non Woven	Medium	1393			
		TENAZIT Premium I.	Non Woven	Fine	1394			

## Interleaved

Ø	THICKNESS	HOLE	LINE	TYPE	GRANO	MAX. RPM		ITEM
4"	2"	5/8"-11	TENAZIT	Interleaved	Coarse 80	5000	1	1390
4-1/4"	4"	5/8"-11	TENAZIT	Interleaved	Medium 80	5000	1	1391

Item	Rugosity	Finishing
1394	0,1	decorative
1393	0,3	4+
1392	0,5	4
1391	0,8	4-
1390	1,0	3



## Tech - Tip

### COARSE

Item 1392, For a No. 4 matte finishing, constant through at whole roll life. Can be use also for light deburring. Interleaved.

### INTERLEAVED

Item 1390 y 1391, combine two finishing steps in one. The A/O cloth performs a soft grinding action while the non woven produces a matte finish between 3 and 4.



# Non Woven Flap Brush



## Features

- Soft density.
- Adapts to any surface.

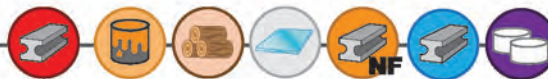
## Benefits

- For uniform finishing of aluminum, brass and stainless steel parts.
- Softens wood surfaces.
- Rust removal of precious metals.



Ø	THICKNESS	HOLE	GRIT	COLOR	MAX. RPM	ITEM
6"	2"	2"	Very Fine	Marron	3400	1 695

# Hand Pads

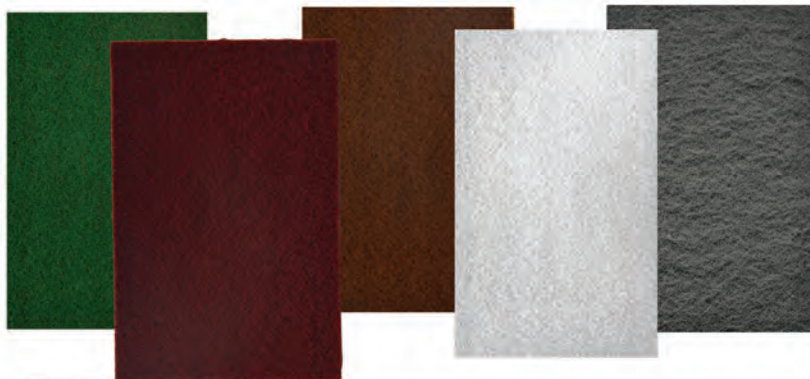


## Features

- Flexible and resistant fibers for heavy duty.
- Washable.
- Variety of specifications green, tan, maroon, white, gray and black.

## Benefits

- Excellent for cleaning and manual finishing of ferrous and non-ferrous metals.
- High resistance and comfort for metal and stainless steel cleaning and wood sanding.
- Whether for industrial or domestic use.



	Wood	Metal / Inox	Plastic	Glass	Non-Ferrous	Paint
<b>Green</b>		◆		◆		
<b>Marron</b>	◆	◆		◆	◆	◆
<b>Tan</b>		◆	◆	◆		
<b>White</b>		◆		◆	◆	◆
<b>Gray</b>		◆	◆	◆		◆
<b>Black</b>	◆	◆		◆	◆	



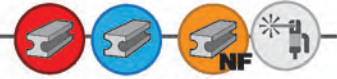
LENGTH	WIDTH	USE	COLOR	ITEM
6"	4"	Deep Cleaning	Black	10 609
		Medium	Black	665 <b>NW</b>
		Coarse Grit	Tan	602
9"	6"	Medium Grit	Marron	10 601
		General Purpouse	Marron	668 <b>NW</b>
		General Purpouse	Green	600
		General Purpouse	Green	605
		Non Abrasive	White	20 603
		Ultrafine	Gray	10 604

# CONVO

## Features

Nylon fibers, abrasive grains and resins are weaved together, the tension in the cover controls the density of the wheel. Due to its design, the wheels are unidirectional and can be used in bench grinder machines.

## Convolute Wheels



### Features

- Nylon fibers impregnated with silicon carbide.

### Benefits

- Just for cleaning, deburring and polishing applications of steel, aluminum, bronze, copper, brass and stainless steel.



Bench Grinder



Straight Grinder

Ø	THICKNESS	HOLE	LINE	GRIT	DENSITY	MAX. RPM		ITEM
1/2"	1"	1"	Classic	Fine	High	4500	1	652
			Classic	Fine	High			653
			Classic	Fine	Medium			678
6"	1"	1"	Classic	Medium	Medium	4500	1	659
			TENAZIT Premium I.	Fine	Medium			635
			TENAZIT Premium I.	Fine	High			636
8"	1"	3"	Classic	Fine	High	3450	1	639

## Industrial

Ø	THICKNESS	HOLE	USE	SPECIFICATION	MAX. RPM		ITEM
6"	1"	1"	Polishing	2SM	6000	1	685
			Deburring	9SF			687



### Tech - Tip

#### 2SM

Leaves a final and consistent finishing in small welding seams, blunt edges and drilled parts.

#### 9SF

Offers excellent performance in deburring operations and leaves a good finishing when working edges.

# UNIX

## Features

They are structured in layers assuring a continuous exposure of abrasive grains during the preparation of the surface, cleaning or polishing. We have a variety of sizes and quantities.

## Unix Plus

### Density

### Use

Density	Use
1	Very flexible, soft, excellent finishing. Very fine grit.
3	Flexible, good finishing. Fine grit.
5	Semi-rigid, long life. Medium grit.
7	Rigid, fast grinding, long life. Coarse grit.

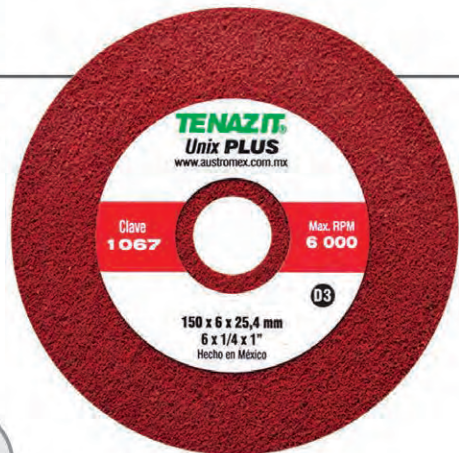


### Features

- Made with resistant and thick fibers.
- Open structure.

### Benefits

- Fast cleaning and surface conditioning, excellent for rust removal, paint, corrosion, varnish and any type of pollutant.
- Good removal rate constant during useful product life.



### Type 1

Ø	THICKNESS	HOLE	DENSITY	MAX. RPM		ITEM
2"	1/8"	1/4"	5	23000	10	1062
			7			1063
3"	1/8"	1/4"	5	18000	10	1052
			7			1053
			3			1054
3"	1/4"	1/4"	5	18000	10	1055
			7			1056
			3			1057
3"	1/2"	1/4"	5	18000	10	1058
			7			1059



Lijadora Angular de Doble Acción



## Quick-change Discs Type "R"

TYPE	Ø	THICKNESS	DENSITY	MAX. RPM		ITEM
	2"	1/4"	1	22000	25	1117
			3			1118
			5			1119
			7			1120
R	3"	1/4"	1	18100	25	1121
			3			1122
			5			1123
			7			1124



Angle Polisher

Ø	THICKNESS	HOLE	DENSITY	MAX. RPM		ITEM
6"	1/4"	1"	3	6000	1	1067



## Features

- Made with resistant and thick fibers.
- Open structure.

## Benefits

- Fast cleaning and surface conditioning, excellent for rust removal, paint, corrosion, varnish and any type of pollutant.
- Good removal rate constant during useful product life.
- High performance.



Angle Polisher



Esmeriladora Desbaste

## Plastic Backing ABS

TYPE	Ø	THICKNESS	DENSITY	MAX. RPM		ITEM
A	4-1/2"	7/8"	5	13300	5	1087
			7			1088



Mototool

## Mounted wheels

Ø	THICKNESS	SHAFT	DENSITY	MAX. RPM		ITEM
2"	1/2"	1/4"	5	12900	5	1025
			7			1026



# UNIX Type 27 Discs



## Features

- Item 651: Manufactured with medium grit size aluminum oxide grain.
- Item 593: Made with silicon carbide fine grain.

## Benefits

- The best choice for deburring, cleaning and finishing applications of all kind of metals working with portable machine tools.
- Item 651: Last longer.
- Item 593: Better finishing.



Esmeriladora Desbaste



Angle Polisher

TYPE	Ø	HOLE	DENSITY	MAX. RPM		ITEM
A	4-1/2"	7/8"	High	10000	1	651
			Medium			593

Density  
High  
Medium

More Aggressive  
Better Finishing



## Tech - Tip

Item 651: May replace fibro discs grain size 100 and 120. Works fine with aluminum and stainless steel pieces.  
Item 593: For a shining finish in stainless steel. It removes oxide, painture, varnish and weld discoloration



# Wheels Type 1



## Features

- Color coding (green, brown and red) for an easy selection.
- Several densities for deburring and polishing applications.

## Benefits

- Ideal for ferrous metals and stainless steel polishing, deburring and satin finishing.
- Excellent choice at a good value.
- High performance.



Straight Grinder



Bench Grinder

### Density

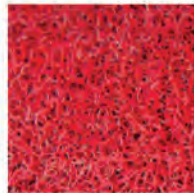
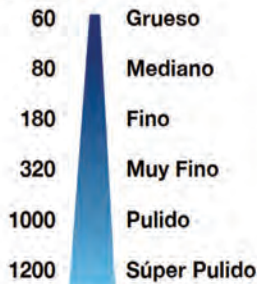
**MENOS AGRESIVO**



**MÁS**

### Finish

#### GRANO



## Red

- Uniform satin, removes small burrs, scratches and surface imperfections.
- Excellent for non-ferrous soft metal finishing.

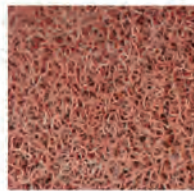
Ø	THICKNESS	HOLE	GRIT	DENSITY	MAX. RPM		ITEM
6"	1"	1"	80	P7	6000	2	2337
			180	P7			2339
			1000	P7			2340
6"	2"	1"	80	P7	6000	1	2338
8"	1"	1"	180	P7	4500	2	2341



## Green

- For stainless steel parts semi-finishing before polishing with cotton wheels and paste.

Ø	THICKNESS	HOLE	GRIT	DENSITY	MAX. RPM		ITEM
6"	1"	1"	180	P7	6000	2	2342
			320	P9			2344
			1000	P7			2345
6"	2"	1"	1200	P9	6000	1	2347
			180	P7			2343



## Marron

- For deburring and satin finishing of stainless steel, titanium and exotic alloys parts.
- Lifetime increased. Removes burrs produced during machining stamping and punching.

Ø	THICKNESS	HOLE	GRIT	DENSITY	MAX. RPM		ITEM
6"	1"	1"	60	P9	6000	2	2348
			320	P9			2349
8"	1"	1"	60	P9	4500	2	2351
			320	P9			2352

NON WOVEN

# UNIX Wheels



## Features

- Aluminum Oxide / Silicon Carbide Blend.

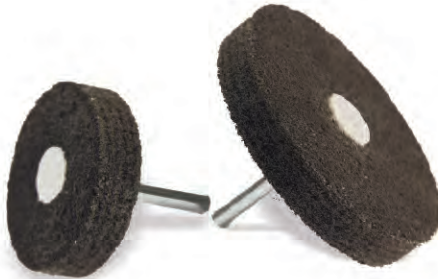
## Benefits

- No rayan la pieza de trabajo.
- For steel and stainless steel such as titanium light deburring, finishing and cleaning applications.
- Excellent finishes.



## Aluminum Oxide

Ø	THICKNESS	HOLE	MAX. RPM		ITEM
3"	1/8"	1/4"	18000	10	450



## Mounted Wheels Silicon Carbide

Ø	THICKNESS	SHAFT	DENSITY	MAX. RPM		ITEM
2"	1/2"	1/4"	Medium	8000	10	1641
3"	1/2"	1/4"	Medium	6000	10	1642

# Cotton Fiber

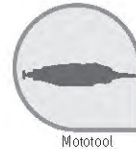


## Features

- Made with Aluminum Oxide and cotton fibers.

## Benefits

- Excellent for one-step deburring and finishing.
- Especially useful in the cleaning and maintenance of threads and pipes in the oil industry.



Ø	THICKNESS	HOLE	MAX. RPM		ITEM
3"	1/8"	1/4"	18080	10	451



## Features

Manufactures with bigger nylon fibers and containing more resin for making a steady structure. The resin remains flexible, but the nylon fibers can maintain their structure in place. The extra coarse silicon carbide grains provides an aggressive cutting, but the friability of the grains avoids unnecessary use and stock removal. The balance of rigidity and flexibility allows sharpened grains penetrate and removes the extended layers without deep cutting the surface.

## Clean & Stripping



### Features

- Made with thick resistant fibers and silicon carbide coarse grain.
- Open structure

### Benefits

- Fast surface cleaning and conditioning, excellent for rust removal, paint, corrosion, varnish and many other pollutant.

### Type 1



	Ø	HOLE	MAX. RPM		ITEM
Straight Grinder	4"	1/2"	6000	10	650
Pedestal Grinder	6"	1/2"	4000	10	694



## Quick-change Discs Type R



TYPE	Ø	THICKNESS	MAX. RPM		ITEM
R	2"	1/2"	22000	25	1114



## Discs Type A



TYPE	Ø	THICKNESS	MAX. RPM		ITEM
A	4-1/2"	7/8"	10000	5	598
A	7"	7/8"	6000	5	599



## Mounted wheel



Ø	v	SHAFT	MAX. RPM		ITEM
2"	1"	1/4"	12900	10	637
3"	1"	1/4"	8600	10	638

# Clean & Stripping Plus Line



## Features

- Open structure.
- Item 1085 Includes thread for quick change.

## Benefits

- Last longer than competing discs.
- Doesn't break down while working.
- For iron, steel, fiberglass, compounds, stone and granite cleaning applications.



## Disco Respaldo de plástico ABS

TYPE	DIMENSIONS	MAX. RPM		ITEM
	4-1/2"x5/8"-11	13300	5	1085
A	4-1/2"x7/8"	13300	5	1086



## Quick-Change Discs Type R

TYPE	DIMENSIONS	MAX. RPM		ITEM
	2"x1/2"	22000	25	1115
R	2-3/4"x1/2"	22000	25	1116

## Mounted Wheels

DIMENSIONS	MAX. RPM		ITEM
2"x1"x1/4"	12900	10	1027
3-1/8"x1"x1/4"	12900	10	1028

**Video**

<http://bit.ly/Rodillo693>



## Roll

Ø	THICKNESS	HOLE	LINE	TYPE	GRANO	MAX. RPM		ITEM
4"	4"	3/4"	TENAZIT	Non Woven	Extra Coarse	5000	1	693



# LIMPIEZA de PISOS

## 19" Discs

Floor Maintenance



## Features

- High resistant nylon fibers blended with special resins.

## Benefits

- Light weight and easy to work with.
- Non working vibrations.
- Less water absorption to avoid excessive runoffs.
- Excellent performance.



Ø	USE	COLOR	MAX. RPM		ITEM
19"	Polishing	Beige	1500	5	2427
	Super Polishing	White			2428
	Gloss	Red			2429
	Cleaning Prior to Polishing	Green			2430
	Heavy Duty Cleaning	Black			2431



# FLEXIBLE ABRASIVES

## TYROLIT Type 1



### Features

- + Very flexible.
- + Made with green silicon carbide
- + Para pulido, acabado fino, rectificado, rebabeo, matizado y asentado de filos.

### Benefits

- + For shaping & polishing.
- + Easy profiled
- + Cool grinding.
- + Improved cutting ability and longer life time of cutting tools.
- + C80 - Deburring
- + C150 - Fine Grinding
- + C400 - Whetting knives

Ø	THICKNESS	HOLE	GRIT	DUREZA	MAX. RPM		ITEM
			80	Medium	2540		4202
6"	5/4"	3/4"	150	Medium	2540	1	4201
			400	High	4000		4203

## TYROLIT Elastic Blocks



### Features

- + Made with silicon carbide
- + Very flexible.

### Benefits

- + For cleaning and polishing all kind of metals.



DIMENSIONS	GRIT		ITEM
2"x3/4"x3-1/8"	60	1	4281
	240		4280

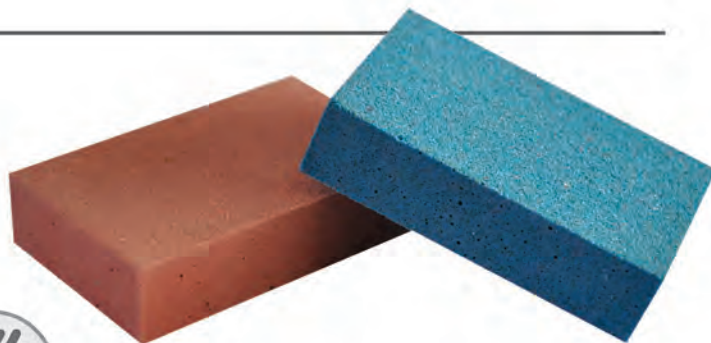


## Features

- Special rubber bond.
- Ergonomic size.

## Benefits

- Light scratches, cleaning, removal of welding spots and oxidation (rust).
- Consistent finishing.
- In stainless steel leaves a sanitary finishing.
- Avoids clogging.



### Tech - Tip

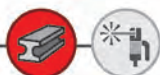
Excelent for cleaning and light scratch removal, oxide, weld stains.

LENGTH	WIDTH	GRIT	COLOR		ITEM
3"	2"	Coarse 60	Blue	1	2778
		Fine 240	Brown		2779



## Polishing

Rubber



Tenflex®



## Features

- Manufactured with rubber bond.

## Benefits

- For metal deburring and finishing.
- Adapt to the surface.
- Rubber points replace grinding disc in some operations.
- High elasticity.
- For finishing jobs in welding moulds, threads, etc.

SHAPE	TYPE	DIMENSIONS	MAX. RPM		ITEM
	MY	5/8"x1"x1/4"	29000	20	2309
	MY	1"x1"x1/4"	19000		2310
	MY	1"x1-1/4"x1/4"	19000		2311
	MPB	1-3/16"x1/4"x1/4"	15000	10	2312
	MPB	1-3/16"x3/8"x1/4"	15000		2313
	MPB	1-1/2"x3/8"x1/4"	12000		2314
	MTZ	5/8"x1"x1/4"	29000	20	2315
	MTZ	1"x1-1/4"x1/4"	19000	10	2316
	MY	1/4"x1/2"x1/8"	75000	100	2317
	MY	1/2"x3/4"x1/8"	37000	50	2318

## RADIAL DISCS



### ¿What are they?

Abrasive Tools manufactured by a process that encapsulates abrasive grains within a thermostable plastic array.

### Use

They are used for deburring, finishing, cleaning and polishing of metals, plastics, acrylics, ceramics and wood.

### Operation Speed

From 3000 to 18000 RPM (5000 RPM jus for wood).

- Lower speeds allow softer touch, greater flexibility and more subtle results.
- Higher speeds provide more aggressive material removal.

### Applications

**Industrial-** Instantaneously removes from metal surface oxide, corrosion, paint and more. Especially effective on aluminum and stainless steel for maintenance and repair operations of metal fabrications in the aerospace, automotive and general industry..

**Wood-** In some carving operations, cleaning and refining exceeds coated abrasive and fiber. They work excellent in moldings and hart to access areas.

**Jewelry-** Ideal for finishing, smoothing and high-lustre polishing of all precious, semi-precious and non-precious metals, acrylics and ceramics. No polishing dough required. It will not scratch stones.



## Color Code



**Ultra - Coarse**  
A/O 36



**Medium**  
A/O 120



**Very Fine**  
A/O 600



**Extra - Coarse**  
A/O 50



**Standard**  
A/O 220



**Extra - Fine**  
A/O 6 micras



**Coarse**  
A/O 80



**Fine**  
A/O 400



**Ultra - Fine**  
A/O 1 micra

## Types of Bristles



### TC- Curved

Thinner bristles for greater conformability than TA and TS models. Single-directional.



### TA- Angle

Thicker bristles for superior aggressiveness but less conformability than TC models. Dual-directional.



### TS- Straight

Thicker bristles for superior aggressiveness but less conformability than TA models. Dual - directional



#### TECH - Tip

They can be used more than two together or individually.



#### TECH - Tip

Using the tips of the bristles with light pressure maximizes disc life.

### ► Features

- Cutting- edge abrasive grain.
- The flexible bristles allow detailed finishing & polishing in flat, curved and irregular spaces.

### ► Benefits

- Ideal for finishing & polishing hard-to access areas without removing detail or causing flat spots.
- They generate minimal dust and heat and eliminate the need for polishing compound.
- Ideal for automated processes with very few changes in the results.

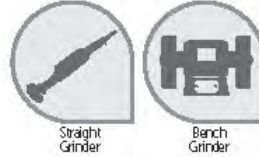
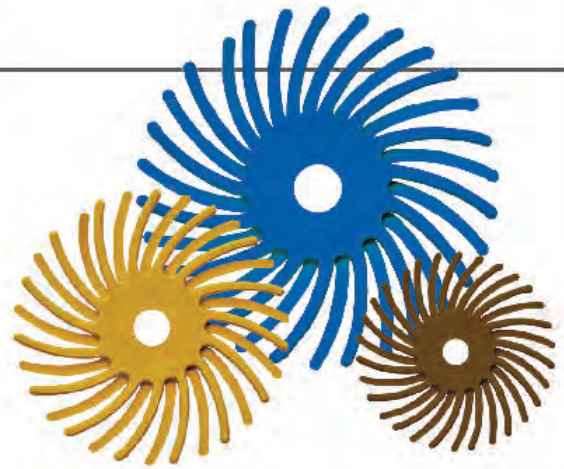


Radial Discs

**NEW LINE**



DIMENSIONS	MAX. RPM	GRIT	COLOR		ITEM
7/8"x1/16"	18000	80	Yellow	24	4803
		120	White	24	4804
		220	Red	24	4805
		400	Blue	24	4806
		600	Pink	24	4807
		6 Micras	Peach	24	4808
1"x1/8"	21000	36	Brown	24	4811
		50	Green	24	4812
		80	Yellow	24	4813
		120	White	24	4814
		220	Red	24	4815
		400	Blue	24	4816
2"x3/8"	30000	80	Yellow	12	4823
		120	White	12	4824
		220	Red	12	4825
		400	Blue	12	4826
3"x3/8"	25000	80	Yellow	12	4833
		120	White	12	4834
		220	Red	12	4835
		400	Blue	12	4836



DIMENSIONS	MAX. RPM	GRIT	COLOR	FILAMENTO		ITEM
6"x2"	6000	36	Brown	TA	10	4861
		50	Green	TA	10	4862
		80	Yellow	TA	10	4863
		80	Yellow	TC	10	4864
		120	White	TC	10	4865
		220	Red	TC	10	4866
		400	Blue	TC	10	4867
		6 micras	Peach	TC	10	4868
		50	Green	TS	1	4873
8"x3-1/2"	6000	80	Yellow	TS	1	4874
		120	White	TS	1	4875

DIMENSIONS	MAX. RPM	GRIT	COLOR	FILAMENTO		ITEM
3"x1/4"	25000	50	Green	TA	10	4848
		80	Yellow	TA	5	4849
		120	White	TA	5	4850

**Kit of Radial Discs**



**Item 4819**

Dimensiones: 1" x 1/8"

**Includes:**

- 8 pieces of: items 4811, 4812, 4813, 4814, 4815 y 4816
- 2 shanks of item 4810.
- Total content 50 pieces



**TENAZIT®**



Radial Brushes

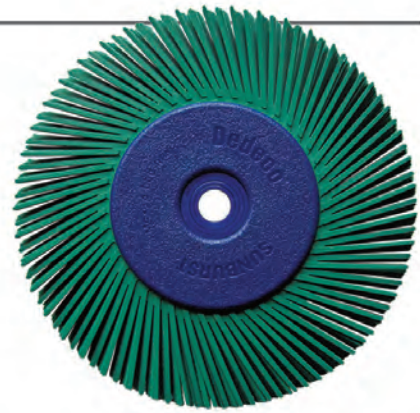
**NEW LINE**



Straight Grinder



Bench Grinder



NON WOVEN

DIMENSIONS	MAX. RPM	GRIT	COLOR	FILAMENTO		ITEM
6"x1/2"x1"	6000	36	Brown	TA	1	4851 *
		50	Green	TA	1	4852 *
		80	Yellow	TA	1	4853 *
		80	Yellow	TC	1	4854 *
		120	White	TC	1	4855 *
		220	Red	TC	1	4856 *
		400	Blue	TC	1	4857 *
		6 micras	Peach	TC	1	4858 *

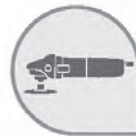
\* CWith adapter and reducers of: 1", 7/8", 3/4", 5/8", 1/2"

**TENAZIT®**

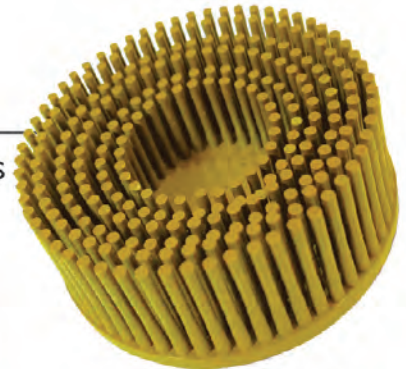


Radial Brushes

**NEW LINE**



Lijadora Doble Acción



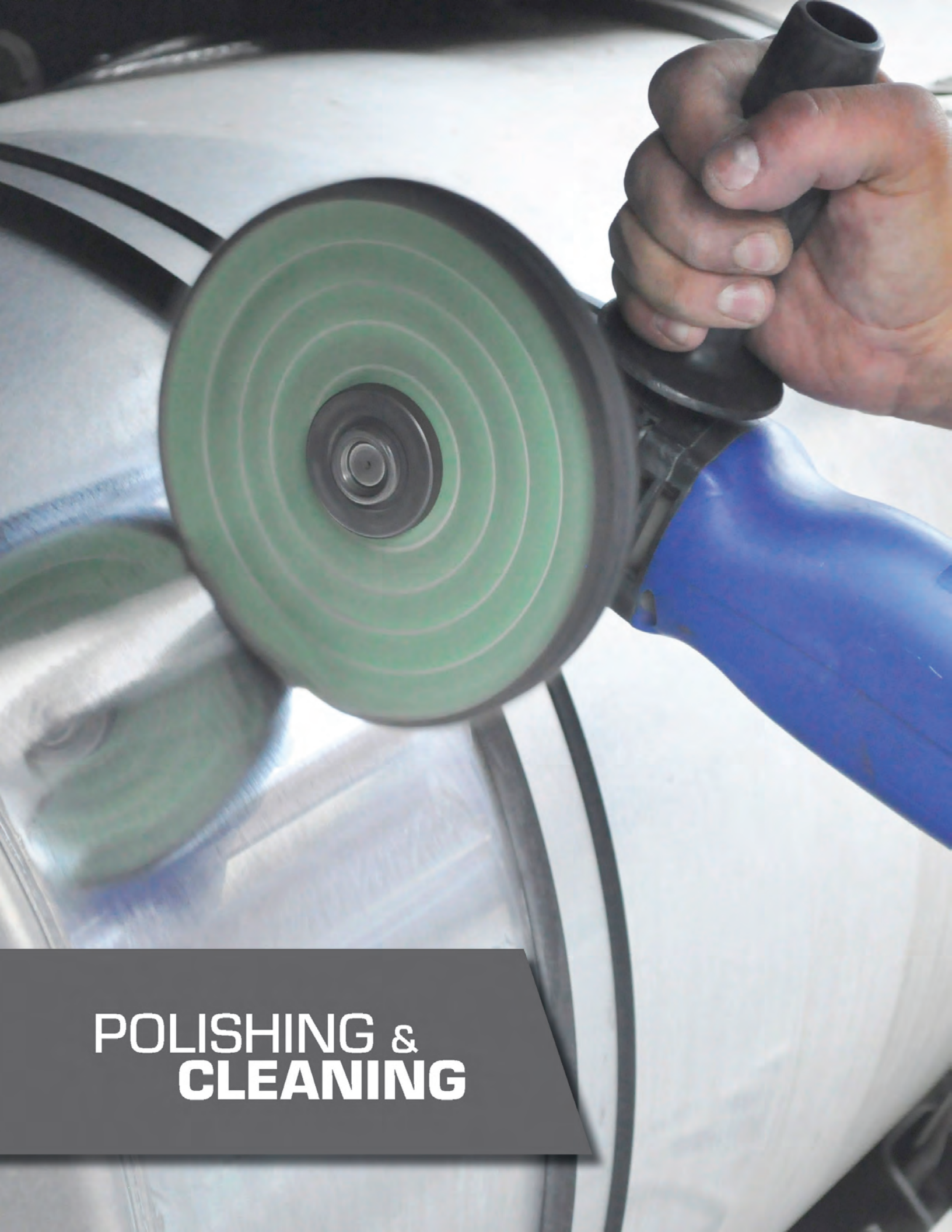
**Tip- Técnico**

Mount with adapters **item 2577, 628 y 629**

Ø	GRIT	COLOR	MAX. RPM		ITEM
1"	50	Dark Green	30000	10	4839
	80	Yellow			4840
	120	White			4841
2"	50	Dark Green	30000	5	4842
	80	Yellow			4843
	120	White			4844
3"	50	Dark Green	25000	5	4845
	80	Yellow			4846
	120	White			4847

**Shank for mounting**

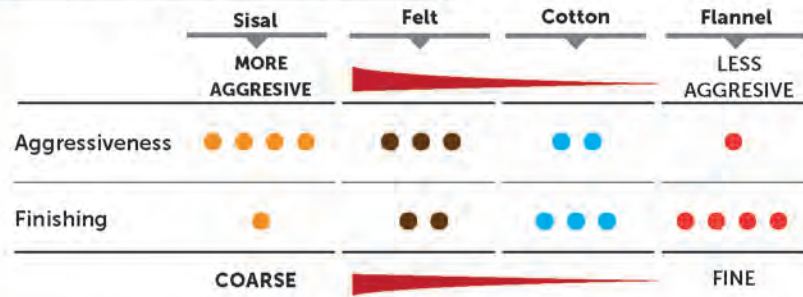
DIMENSIONS	MAX. RPM		ITEM
1/8"x1/16"	18000	1	4800
1/8"x1/8"	21000	1	4810
1/4"x3/8"	30000	1	4820



**POLISHING &  
CLEANING**

## Technical Information

### Polishing Products



### Velocidad de trabajo recomendada para pulido

Material	Peripheral Speed (m/s)
Stainless Steel	30 - 45
Aluminum & Non-Ferrous	45 - 60
Chromium	20 - 35

### Surface Preparation for Polishing

- It is very important to prepare carefully the surface to be polished.
- Respect the maximum operating pressure if it exceeds increases heat generation causing damage to the surface of polishing wheel.
- Prior to polishing, eliminate as far as possible grinding marks.

### Tabla de Conversiones

Diameter			
Ø	mm	Ø	mm
3/16"	5	2"	50
1/4"	6.4	2-5/8"	66
5/16"	8	3"	75
1/2"	13	3-1/2"	90
5/8"	15.88	4"	100
3/4"	20	4-1/2"	115
7/8"	22.23	5"	125
1"	25	6"	150
1-1/4"	38	7"	180
1-3/4"	45		

### Desired Result with Polish bar paste

Material	Desired Result			
	Polishing	Pulishing / Shining	Shining	Mirror Finish
	Sisal	Sisal / Cotton	Pulizit® / Cotton	Felt
Stainless/ Chrome / Titanium	2403 Grey	2404 Green	2405 White	2405 White
Aluminum	2403 Grey	2402 Brown	2405 White	2405 White
Copper / Brass / Bronze		2402 Brown	2405 White	2405 White
Steel / Foundry / Iron	2403 Grey		2405 White	2405 White
Plastic / Stone			2405 White	2405 White





## Polish bar paste

### ► Features

- BROWN: For polishing of non-ferrous metals such as brass, bronze, copper, aluminum, pewter.
- GRAY: For polishing steel and stainless steel. Eliminates sanding marks.
- GREEN: For polishing steel and stainless steel
- WHITE: Super shine for metals, marble, granite, acrylic.

### ► Benefits

- Excellent to eliminate stripes, improve finishing, glossing or polishing a surface.



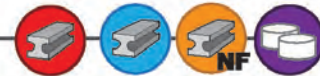
LENGTH	THICKNESS	HEIGHT	COLOR		ITEM
7"	2-5/8"	1-3/4"	Café	12	2402
			Gris	12	2403
			Verde	12	2404
			Blanca	12	2405



### Tech - Tip

Can be used dry or wet.

## Type A Discs



### ► Features

- Each wool flap helps to reduce the heat and to control better the finish.

### ► Benefits

- For polishing with Tenazit® abrasive paste.
- Ideal to achieve mirror finish.

TYPE	Ø	THICKNESS	HOLE	OPTIMAL RPM	MAX. RPM		ITEM
A	4-1/2"	3/16"	7/8"	1650	11000	5	2305
	7"	3/16"	7/8"	1100	6000		2307



### Tech - Tip

For best results use Tenazit® polishing pastes.

## Wheels Type F1



### Features

- Manufactured with high quality wool.

### Benefits

- For polishing with Tenazit® abrasive paste.
- Reduce the heat.
- A better control of finishings.
- Perfect to achieve mirror finishing



Bench Grinder

Ø	THICKNESS	HOLE	MAX. RPM		ITEM
6"	1/2"	1"	1000	1	2331
	1"	1"			2332
	1-1/2"	1"			2333
8"	2"	1"	750	1	2334
	1"	1"			2335
	2"	1"			2360
10"	1"	1"	600	1	2361
	2"	1"			2362



### Tech- Tip

Item 2306 to use with the accessory item 2507



Angle Polisher

Ø	THICKNESS	HOLE	MAX. RPM		ITEM
6-1/4"	1/4"	1"	2500	1	2306

## Flap Roll



### Features

- Every lamela helps to reduce the heat and to control better the finishing.
- Integrated thread 5/8"-11.

### Benefits

- For polishing with Tenazit® abrasive paste.
- Ideal to achieve mirror finish.



Angle Polisher

Ø	THICKNESS	HOLE	MAX. RPM		ITEM
4"	4"	5/8"-11	5000	1	2308

## Polishing a Gas Tank

Aluminum

### Remove scratches from the surface.

1. MAGMA discs G-320, G-400, G-600, G-800 y G-1000.

### Remove sanding marks

1. Green cloth wheel Item 1619 and green polishing paste Item 2404.

### Abrillantado

1. Flap Roll Item 2308 and green polishing paste Item 2405.



# Flap Wheels



## Features

- Each wool lamela helps to reduce the heat and to control better the finishing.

## Benefits

- For polishing with Tenazit® abrasive paste.
- Perfect to achieve mirror finish.



Straight Grinder



Bench Grinder

Ø	THICKNESS	HOLE	OPTIMAL RPM	MAX. RPM	ITEM
6"	1"	1"	1250	5800	1
	2"	1"			2303
					2304



### Tech - Tip

Increase life at the wheel by using lower RPM.

## With Thread

### Features

- Integrated thread 5/8"-11

Ø	THICKNESS	HOLE	OPTIMAL RPM	MAX. RPM	ITEM
4-1/2"	3/4"	5/8"-11	1650	8500	1
					2319



## Mounted Flap Wheels



Drill



Mototool

Ø	THICKNESS	SHANK	OPTIMAL RPM	MAX. RPM	ITEM
1"	1"	1/4"	7600	26000	2300
2"	1"	1/4"	3800	14000	10
3"	1"	1/4"	2400	9000	2302



Lijadora Angular de Doble Acción

## Flap Minidisc

### Features

- Screw type mounting system "R".



R

Ø	RPM ÓPTIMAS	MAX. RPM	ITEM
2"	3800	19100	10
3"	2500	12700	2298
			2299



### Tech - Tip

For mounting in straight grinder using adapters 628 (2") or 629 (3").



## Mounted Felt Points



### Features

- Manufactured with high wool quality.
- En 2 diferentes durezas.

### Benefits

- Ideal to achieve mirror finish.



Mototool



### Tech - Tip

Increasing operating pressure won't remove deep milling lines from the workpiece. To remove deep scratches use cotton fiber mounted points.

## Cylindrical

SHAPE	DIMENSIONS	DUREZA	OPTIMAL RPM	MAX. RPM		ITEM
Type PFZY						
	1/8"x1/4"x1/8"	Media	10000	20000	10	2291
	1/4"x3/8"x1/8"		16000	32000		2292
	3/8"x9/16"x1/4"		10000	20000		2293
	3/4"x1"x1/4"	Suave	5000	10000		2294
	2"x1"x1/4" suave	Suave	700	8000	10	2295
	2"x1"x1/4" media	Media	700	8000	10	2296
	1"x2"x1/4"	Media	10000	2000	10	2297

## Conical

SHAPE	DIMENSIONS	DUREZA	MAX. RPM		ITEM
Type PFKE					
	1/2"x1"x1/8"	Media	30000	10	2289
	1"x2"x1/4"		20000		2290

## Spherical

SHAPE	DIMENSIONS	DUREZA	MAX. RPM		ITEM
Type PFKU					
	1/2"x1/2"x1/8"	Media	20000	10	2262
	1"x1"x1/4"		20000		2269



### KIT

SHAPE	DUREZA		CLAVE
	Media	5	1467

## Cartridges rolls



### Features

- The construction of the cartridge allows the user to have clean felt with only wearing the superficial layer.
- Manufactured with high wool quality.

### Benefits

- For polishing with TENAZIT abrasive paste.
- xcellent to work small holes and joints of pieces.
- Ideal to achieve mirror finish.



### Tech - Tip

Used Tenazit adaptors 1623(1/8") and 1624(1/4").



Mototool

SHAPE	DIMENSIONS	OPTIMAL RPM	MAX. RPM		ITEM
	5/16"x1"x1/8"	1250	10000	20	2270
	1/2"x1"x1/8"		8000		2271
	1/2"x1"x1/8"		8000		2272

## Pulizit® Disc



### Features

- Open structure.

### Benefits

- For polishing stainless steel surfaces.
- The open structure of pulizit guarantees good absorption and retention of polishing compound.



Angle Polisher



Dual Action Sander

Ø		ITEM
5"	10	2378



## Cloth Wheels



### Features

- Manufactured with cotton fabric.

### Benefits

- Polishing and brushing of ferrous and non-ferrous metals.



DIMENSIONS	COLOR	APLICACIÓN	OPTIMAL RPM	MAX. RPM	ITEM	ITEM
6"x1/2"	Blanca	Abrillantado	2500	6700	1	1619
	Verde	Pulido Final	4400			1620

## Sisal Wheel

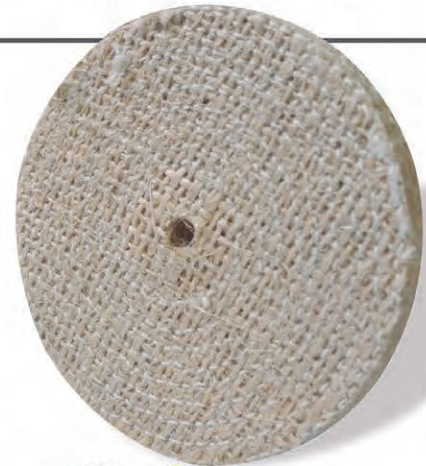


### Features

- Manufactured with sisal fiber.

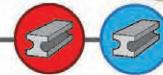
### Benefits

- Great for polishing ferrous metals



DIMENSIONS	OPTIMAL RPM	MAX. RPM	ITEM	ITEM
6"x1/2"	3800	6700	1	1618

## Sisal Mounted Wheel



### Features

- Manufactured with sisal fiber.

### Benefits

- Great for polishing ferrous metals



DIMENSIONS	MAX. RPM	ITEM	ITEM
3"x3/4"x1/4"	8500	10	1622

# Metal Polishing & Cleaning Compounds



NSF  
APROBADO

## Polishing / Paste

- Excellent finishing with high brightness.
- Removes stains and light oxidation of the surface by leaving it clean and reconditioned.
- Leaves a protective layer that prevents the formation of new spots and dust or impurities from adhering.

## Cleaning Compound

- Cleaning and protection of metallic surfaces.
- Ideal if you look for large brighter surfaces.
- High quality components.
- Easy application.

PRESENTATION	CONTENT		ITEM
Pasta /Lata	473 ml	12	2443
Pasta / Tubo	75 ml	12	2444
Líquido limpiador	250 ml	12	2451



## Rust Elimination Compound

- Does not contain toxic elements.
- Contains corrosion inhibitors.
- Ideal for the treatment of large surfaces made of stainless steel, chrome, bronze and brass.
- A small quantity leads great results.



## Rust Elimination

PRESENTATION	CONTENT		ITEM
Líquido	250 ml	12	2462



<http://bit.ly/pastasTenazit>



Antes

Después



# Stainless Steel Polishing & Cleaning Compounds



NSF  
APROBADO

## Polishing / Paste

- Designed for shining surfaces.
- Diseñada para dar brillo incomparable a superficies pulidas de acero inoxidable sin rayar.

## Cleaning Compound

- Removes oil and grease.
- Ideal for stainless steel surface with satin finish.
- Safe product to be used in the home, hotels, restaurants and food industry.

PRESENTATION	CONTENT		ITEM
Pasta /Lata	473 ml	12	2441
Pasta / Tubo	75 ml	12	2442
Líquido limpiador	250 ml	12	2456

## Pickling agent

## Pickling agent

- Removes even the most persistent marks of burnishing and decolorations in welding seams on stainless steel.
- Does not contain hydrofluoric acid.

PRESENTATION	CONTENT		ITEM
Líquido	500 ml	6	2492



National Sanitation Foundation, safe product to be used in the home, hotels, restaurants and food industry.



## Aluminum Polishing & Cleaning Compounds




### Polishing / Paste

- Free of ammonia.
- Special formula to achieve a high brightness without stripping or tightening the surface.

### Cleaning Compound

- Removes effectively dust, oil and grease residues.
- Ideal for aluminum surfaces, anodized metals and surfaces with satin finishes.
- It can be used in the industry, workshop or at home.

PRESENTATION	CONTENT		ITEM
Pasta /Lata	473 ml	12	2448
Pasta / Tubo	75 ml	12	2449
Líquido limpiador	500 ml	12	2457



## Stone Polishing & Cleaning Compounds




### Polishing / Paste

- Lengthens the life and appearance of marble, granite or any natural stone surfaces.
- Reduces the penetration of water and dust.
- Contains abrasives and wax carnauba.
- Restore the natural tone.
- Easy rear cleaning.

### Cleaning Compound

- Cleans and deeply hygienizes surfaces of marble, granite or any natural stone.
- It can be used in food processing facilities.
- Free of acids.
- It can be used in daily cleaning.

PRESENTATION	CONTENT		ITEM
Líquido abrillantador	500 ml	12	2458
Líquido limpiador	500 ml	12	2459



## Plastic Polishing & Cleaning Compounds



### ► Polishing / Paste

- Clean any plastic surface preventing loss of brightness and opaciting.
- Refresh old surfaces with a new brightness.



### ► Cleaning Compound

- Manufactured with high quality polymers and silicones.
- Protects and keeps the brightness, giving a renewed appearance.

#### USE FOR:

- Plastic
- Rubber
- Vynil
- Sintetic leather
- Sealed Wood

PRESENTATION	CONTENT	📦	ITEM
Pasta / Tubo	75 ml	12	2452
Liquido protector	250 ml	12	2467

## Mould Cleaning Compound

### ► Mould Cleaner

- Solvent to degrease and clean moulds and other metal pieces.
- Can be used in non absorbent surfaces like glass or plastic.
- Leaves no residue and evaporates easily.
- The surface is ready for the application of the mould protector.

### ► Mould Protection

- Protects moulds and metals from oxidation in general.
- Ideal para proteger durante el transporte o almacenamiento.



PRESENTATION	CONTENT	📦	THI
Liquido limpiador	500 ml	12	2466
Liquido protector	500 ml	12	2468



# MOTOR REBUILDING

## Conversion Chart

Diameter		Tall		Hole	
Ø	mm	T	mm	H	mm
1-1/8"	29	5/8"	16	1/2"	12.7
2-1/2"	63.5	11/16"	17	9/16"	14.2
3"	75	3/4"	19	5/8"	16
4"	100	7/8"	22	11/16"	17.5
5"	125	15/16"	24	13/16"	20.6
6"	150	1"	25	7/8"	22.2
7"	178	1-1/16"	27	1"	25.4
11"	279	1-1/8"	29	1-1/4"	31.7
14"	350	1-1/4"	32	1-3/4"	44.4
16"	400	1-3/8"	35	3-3/4"	95
18"	457	1-1/2"	38	5"	127
20"	508	1-3/4"	44	5-1/2"	140
22"	559	1-5/8"	41	6"	152
23"	584	1-7/8"	48	8"	203.2
24"	610	2"	50	9"	225
25"	635	2-1/2"	65	9.5"	241
26"	660	3"	75	10"	254
27"	686	Additional		11"	279.4
27-1/2"	700	W	mm	12"	304.8
28"	711	1/2"	13	13"	330.2
30"	762	1"	25	16"	406.4
32"	813	1.5"	38		
36"	914	2"	50		
40"	1016	3"	75		

# Fly Wheel Grinding Stones Cups

## Features

- Silicon carbide made.



## Benefits

- For cast iron and general purpose grinding of clutch plates brakes.

### CUTTING SURFACE

TYPE 11	W	E	J	K
267	13	16	115	80
264	25	20	115	76

ITEM	TALL	HOLE	THICKNESS	MAX. RPM	ITEM
<b>Fast Cut 1C20L5B162J</b>					
6"	2-1/2"	1-1/4"	1/2"	6 350	267
<b>Finish 1C24L5B162J</b>					
6"	2-1/2"	1-1/4"	1"	6 350	264



# Crankshaft Polishing Belts

## Features

- Specification TSA2J.
- Ceramic aluminum oxide.
- "J-Flex" fabric backing.
- Blue color.

## Benefits

- Excellent for crankshaft polishing.
- High quality finish.
- High performance.
- Made with a special active dry lubricant that reduces the grinding heat and extends life.



WIDTH	LENGHT	ITEM	ITEM
<b>GRIT-220 TSA2J-220</b>			
1"	64'	10	1267
<b>GRIT-320 TSA2J-320</b>			
1"	64'	10	1268



# Valve Seat Wheels

Kwik Way Wheels, Sioux and B&D



## Kwik Way

D	T	H	MAX. RPM	ITEM
1-1/8"	1-1/4"	13-16"	24 365	22713
1-1/4"	1-1/4"	13-16"	22 080	22714
1-5/16"	1-1/4"	13-16"	21 410	22716
1-3/8"	1-1/4"	13-16"	20 185	22717
1-7/16"	1-1/4"	13-16"	19 095	22718
1-1/2"	1-1/4"	13-16"	18 595	22719
1-9/16"	1-1/4"	13-16"	17 665	22720
1-5/8"	1-1/4"	13-16"	17 235	22721
1-11/16"	1-1/4"	13-16"	16 433	22722
1-3/4"	1-1/4"	13-16"	15 700	22723
1-7/8"	1-1/4"	13-16"	14 720	22724
1-15/16"	1-1/4"	13-16"	14 420	22725
2"	1-1/4"	13-16"	13 855	22726
2-1/8"	1-1/4"	13-16"	13 085	22727
2-1/4"	1-1/4"	13-16"	12 396	22728
2-5/16"	1-1/4"	13-16"	11 976	22729
2-3/8"	1-1/4"	13-16"	11 776	22730
2-7/16"	1-1/4"	13-16"	11 396	22731
2-1/2"	1-1/4"	13-16"	11 125	22732

## SIoux

D	T	H	MAX. RPM	ITEM
1-1/8"	7/8	11/16"-16	24 365	18683
1-1/4"	1-1/16"	11/16"-16	22 080	1369*
1-5/16"	7/8	11/16"-16	21 410	13703
1-3/8"	1-1/16"	11/16"-16	20 185	1370*
1-7/16"	7/8	11/16"-16	19 095	13704
1-1/2"	1-1/16"	11/16"-16	18 595	1371*
1-9/16"	1-1/16"	11/16"-16	17 665	1386*
1-5/8"	1-1/16"	11/16"-16	17 235	1372*
1-11/16"	7/8	11/16"-16	16 433	22687
1-3/4"	1-1/16"	11/16"-16	15 700	1373*
1-7/8"	1-1/16"	11/16"-16	14 720	1374*
1-15/16"	7/8	11/16"-16	14 420	13707
2"	1-1/16"	11/16"-16	13 855	1375*
2-1/8"	7/8	11/16"-16	13 085	22688
2-1/4"	7/8	11/16"-16	12 396	22689
2-5/16"	7/8	11/16"-16	11 976	22690
2-3/8"	7/8	11/16"-16	11 776	22691
2-7/16"	7/8	11/16"-16	11 396	22692
2-1/2"	7/8	11/16"-16	11 125	22693

**\*Immediate Delivery**



## B&D

D	T	H	MAX. RPM	ITEM
1-1/8"	7/8	9/16"-16	24 365	22694
1-1/4"	7/8	9/16"-16	22 080	22695
1-5/16"	7/8	9/16"-16	21 410	22696
1-3/8"	7/8	9/16"-16	20 185	22697
1-7/16"	7/8	9/16"-16	19 095	22698
1-1/2"	7/8	9/16"-16	18 595	22699
1-9/16"	7/8	9/16"-16	17 665	22700
1-5/8"	7/8	9/16"-16	17 235	22701
1-11/16"	7/8	9/16"-16	16 433	22702
1-3/4"	7/8	9/16"-16	15 700	22703
1-7/8"	7/8	9/16"-16	14 720	22704
1-15/16"	7/8	9/16"-16	14 420	22705
2"	7/8	9/16"-16	13 855	22706
2-1/8"	7/8	9/16"-16	13 085	22707
2-1/4"	7/8	9/16"-16	12 396	22708
2-5/16"	7/8	9/16"-16	11 976	22709
2-3/8"	7/8	9/16"-16	11 776	22710
2-7/16"	7/8	9/16"-16	11 396	22711
2-1/2"	7/8	9/16"-16	11 125	22712

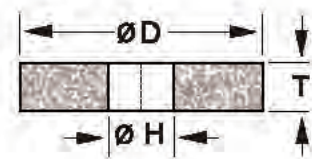


Rebuilding

# Crankshaft Grinding Wheels

## Straight Wheels

D	T	H	MAX. RPM	ITEM	D	T	H	MAX. RPM	ITEM	D	T	H	MAX. RPM	ITEM
18	5/8	3	1546	17955	25	1	5	1112	22963	32	7/8	12	865	18068
18	3/4	3	1546	20030	25	1-1/4	5	1112	22964	32	1	12	865	18069
18	7/8	3	1546	22916	26	3/4	6	1070	17901	32	1-1/4	12	865	20057
18	1	3	1546	22917	26	7/8	6	1070	23336	36	1	12	772	23003
18	1-1/4	3	1546	22918	26	1	6	1070	22966	40	1	12	895	23334
20	5/8	3	1390	21309	26	1-1/4	6	1070	23325					
20	3/4	3	1390	22919	26	3/4	8	1070	21312					
20	7/8	3	1390	22920	26	7/8	8	1070	19659					
20	1	3	1390	22921	26	15/16	8	1070	22967					
20	1-1/4	3	1390	22922	26	1	8	1070	22968					
20	5/8	3-3/4	1390	21316	26	1-1/4	8	1070	22969					
20	3/4	3-3/4	1390	22923	26	3/4	225 mm	1070	18834					
20	7/8	3-3/4	1390	22924	26	7/8	225 mm	1070	23326					
20	1	3-3/4	1390	21317	26	1	225 mm	1070	23327					
20	1-1/4	3-3/4	1390	22925	26	1-1/4	225 mm	1070	23328					
20	1	5	1390	22926	27	3/4	6	1011	22670					
22	1	3	1264	22927	27	1	6	1011	22971					
22	5/8	3-3/4	1264	22928	27-1/2	3/4	225 mm	1011	22970					
22	3/4	3-3/4	1264	22929	27-1/2	7/8	225 mm	1011	22979					
22	7/8	3-3/4	1264	22930	27-1/2	1	225 mm	1011	21319					
22	1	3-3/4	1264	22931	27-1/2	1-1/4	225 mm	1011	22980					
22	1-1/4	3-3/4	1264	22933	28	3/4	6	1011	23329					
22	5/8	5	1264	22935	28	7/8	6	993	23330					
22	3/4	5	1264	22429	28	1	6	993	23331					
22	7/8	5	1264	22936	28	1-1/4	6	993	23332					
22	15/16	5	1264	22937	28	3/4	6	993	17704					
22	1	5	1264	21310	28	7/8	6	993	22843					
22	1-1/4	5	1264	22938	28	1	6	993	20059					
24	5/8	5	1158	22947	28	1-1/4	6	993	20654					
24	3/4	5	1158	13710	30	3/4	6	925	21313					
24	7/8	5	1158	17689	30	7/8	6	925	22984					
24	1	5	1158	22948	30	1	6	925	21314					
24	1-1/4	5	1158	22949	30	1-1/4	6	925	17979					
24	5/8	5-1/2	1158	23321	30	3/4	8	925	20061					
24	7/8	5-1/2	1158	22953	30	7/8	8	925	14238					
24	1	5-1/2	1158	23323	30	1	8	925	22985					
24	1-1/4	5-1/2	1158	23324	30	1-1/8	8	925	22986					
24	3/4	6	1158	22954	30	1-1/4	8	925	22987					
24	5/8	8	1158	21311	30	1-3/8	8-1/4	925	18340					
24	3/4	8	1158	22955	30	3/4	255 mm	925	22993					
24	7/8	8	1158	21674	32	3/4	8	865	21315					
24	1	8	1158	22956	32	7/8	8	865	22994					
24	1-1/4	8	1158	22957	32	1	8	865	22995					
24	3/4	9	1158	22958	32	1-1/4	8	865	22996					
24	1	12	1158	22959	32	3/4	255 mm	865	22998					
25	3/4	5	1112	22961	32	7/8	255 mm	865	22999					
25	7/8	5	1112	22962	32	1	255 mm	865	23000					
					32	1-1/8	255 mm	865	23001					
					32	1-1/4	255 mm	865	23002					



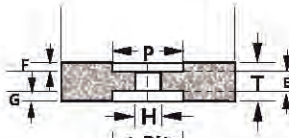
Type 1

D= Diameter  
H= Hole  
T= Tall

Delivery Time  
2 weeks

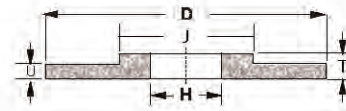
# Crankshaft Grinding Wheels

Wheels Type 7 and 38



Type 7

D= Diameter  
H= Hole  
T= Tall



Type 38

## Type 7 Recessed Wheels

D	T	H	(DIMENSIONS)			MAX. RPM	ITEM
			P-P'	F-G'	E		
20	3/4	16	432	4	11	1390	22940
20	7/8	16	432	5	12.2	1390	22941
20	1	16	432	6	13.4	1390	22942
20	1-1/4	16	432	6	19.7	1390	22943
22	1-17/8	3-3/4	250	8	31.75	1264	22934
22	1-1/2	5	250	6	26	1264	22939
23	3/4	16	450	4	11	1209	22945
23	7/8	16	450	5	12.2	1209	21361
23	1	16	450	6	13.4	1209	21362
23	1-1/4	16	450	6	19.7	1209	22946
24	1-5/8	5	280	9	23.4	1209	22950
25	2	5	200	12	27	1113	22965
27-1/2	1-1/2	9	330	6	26.1	1011	22981
28	1-1/2	8	330	6	28	995	20552
28	1-3/4	8	330	9	26.4	995	22983
30	1-1/2	8	330	6	26.1	925	23333
30	1-3/8	9	330	6	22.8	925	22988
32	1-1/2	8	390	5	28	865	19429
36	1-1/4	12	335	7	19	865	21359
36	1-1/2	12	335	6	26.1	865	23371
36	2	12	335	9	32.8	865	23004
40	1-1/4	12	335	6	19.7	865	23335

## Type 38 Conical Wheels

D	T	H	(DIMENSIONS)			MAX. RPM	ITEM
			J	U			
25	3/4	5	12.5	16	1113	22960	
26	3/4	6	11	16	1070	23338	
26	3/4	8	13	16	1070	21349	
26	3/4	9	13	16	1070	23340	
27-1/2	3/4	9	13.7	16	1011	21358	
28	3/4	6	11.8	16	995	23341	
28	3/4	8	13.7	16	995	22982	
30	3/4	6	11	16	925	21352	
30	3/4	8	13	16	925	21353	
32	3/4	8	13	16	865	21354	
32	3/4	9	13	16	865	22997	
36	1	12	18	16	772	21355	
36	1	12	18	19	772	21356	
36	1	12	18	22.2	772	21357	
40	1	12	18	16	695	23342	
40	1	12	18	19	695	23343	
40	1	12	18	22.2	695	23344	

Delivery Time  
2 weeks



# Valve Refacer Wheels



TYPE	DIMENSIONS	MACHINE	ITEM
OFFSET	5 x 7/8 x 7/8"	Kick Way	23442
STRAIGHT	7 x 11/16 x 1-3/4"	Sioux	22757
OFFSET	4 x 1 x 5/8"	Sioux / B&D	22738
OFFSET	5 x 1 x 5/8"	B&D	22739
OFFSET	7 x 1 x 7/8"	Kick Way	22742

# Flare Cups Steering Wheel Grinding



(DIMENSIONS)		H	MAX. RPM	GRAIN	ITEM
D	T				
<b>WHITE A/O</b>					
6"	2"	1-1/4"	4 710	46	316
<b>GREEN (Silicone Carbide)</b>					
4"	1-1/2"	1-1/4"	7 065	60	303
6"	2"		7 620	46	346
<b>ORANGE A/O</b>					
				46	337
4"	1-1/2"	1-1/4"	7 065	60	338
				80	339
5"	2"	1-1/4"	6 150	60	340
6"	2"	1-1/4"	4 710	60	342
<b>CERAMIC (Blue)</b>					
4"	1-1/2"	1-1/4"	7 065	60	334

# Valve Stem Grinding



## SIOUX

Recessed

TYPE	DIMENSIONS	ITEM
5CE	4 x 1 x 5/8"	22734

## Kwik Way

Straight Cup

TYPE	DIMENSIONS	ITEM
RT-6	3 x 1-1/2 x 5/8"	22736

## B&D

Recessed

TYPE	DIMENSIONS	ITEM
5CE	4 x 1 x 1/2"	22735

# Rods and Piston Grinding Wheels



(DIMENSIONS)					
D	T	H	MAX. RPM	GRAIN	ITEM
<b>CERAMIC (Blue)</b>					
4"	1-1/2"	1-1/4"	5 730	80	917
<b>ORANGE A/O</b>					
4"	1-1/2"	1-1/4"	7 065	80	313
6"	2"	1-1/4"	4 710		318

# Rod and Cap Grinding Wheels

Cups Mounted on Metallic Plate



TYPE	D	T	H	W	E	PA	MACHINE	ITEM
6	6"	2"	1-1/4"	10	15		Sunren	7857
35	7"	1"	1-3/4"	25		6	Schow	23441 *

\* Type 35 mounted on metallic plate.

# Surface Grinding Wheels



## LEMPCO (Kwik Way)

NO.	TYPE	D	T	H	W	SILICON CARBIDE GRIT SIZE	ITEM
AUS-545		12	3	9.5	28		20139
AUS-545B		14	3	11	38		20140
AUS-545BL	35	16	3	13	38	1C36	20137
AUS-5MX		14	2	6	100		23044
AUS-DSM		14	2	6	100		23045

## PETERSON

NO.	TYPE	D	T	H	W	SILICON CARBIDE GRIT SIZE	ITEM
AUS-48		14	1.5	6	4	1C24	23047
AUS-48F	35	14	1.5	6	4	1C30	23048
AUS-49		14	2	10	2	1C24	23050
AUS-50	36*	16	2	12	2	1C24	23051

\* Type 36 wheels with nuts inserted.

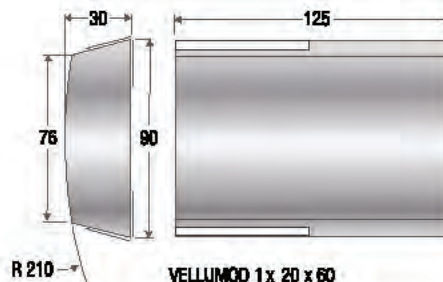
# Heads and Monoblocks Surface Grinding Wheels

Wheels Mounted on Metallic Plate

TYPE	D	T	H	W	GRIT SIZE	NO.	ITEM
	14	2	11	1.5		AUS-560-1	23040
	14	2	10	2		AUS-562	23041
35	16	2	12	2	1C36	AUS-565	23136
	16	2	13	1.5		AUS-566	23042
	11	1.5	5	3		AUS-562	23043



# Surface Grinding Segments



TYPE	DIMENSIONS	GRIT SIZE	FINISHING	ITEM
35-S/2	65 x 25 x 100	1C46	FINE	7829
		1C209	COARSE	18000
30-S	56 x 16.5 x 102	1C30	MEDIUM	10138
8-S	90 x 30 x 125	1C46	FINE	15264
78-S	64 x 20 x 60	1C30	MEDIUM	21479
140-S	49 x 16 x 90	1C30	MEDIUM	13397
157-S	71 x 22 x 72	1C46	FINE	10157
189-S	65 x 20 x 100	1C46	FINE	10058
82-S	57 x 20 x 120	1C46	FINE	22411



# AUTOMOTIVE AFTERMARKET



# Technical Information

## Features

- Thick liquid consistency.
- Contains Aluminum Oxide.
- Provides an excellent physical shine.
- With a bit of product you can obtain great results.
- Uniform grain distribution.
- Easy to clean.
- Uniform grinding during the polishing.
- Doesn't cause any minor imperfection.
- Cutting power: high, medium, fine / microfine.
- Water based polish compound.

## Technical solutions

### If the compound produces dust:

- Clean pads regularly with a brush.
- Use less compound.
- Dry a little bit the wool bonnet before using it.

### If the compound splashes while polishing with machine:

- Use water and microfiber towel for removing the excess of compound.
- Don't apply in excess the compound.
- Use the machine in 1500 rpm or below.

### If compound sticks to the polished surface:

- Don't turn on the machine before letting it down on the surface to work.
- Don't apply in excess the compound.
- Check the pad is placed correctly.



# Next Step TNZ2 Extra Cut Polish Compound

## Features

- Water based polishing compound.
- Free from waxes, silicone and toxic solvents.
- White thick liquid appearance
- Contains aluminum oxide dust as filling agent.
- Removes **deep scratches** and grain **1500** sanding marks.

## Benefits

- Removes dirt from paint and polishes miniimperfections without causing new ones. This turns into a free micro-striped surface.
- Minimal dust generation.



PRESENTATION	CONTENT	ITEM	ITEM
Bottle	1 kg	1	2470

# Next Step TNZ17+ Alto Brillo Cutting Polishing Compound



## Features

- Water based polishing compound.
- Free from waxes, silicone and toxic solvents.
- Blue thick liquid appearance.
- Contains aluminum oxide grain as filling agent.
- Removes **medium scratches** and grain **2000** sanding marks.

## Benefits

- Ideal for scratches-resistant nano-paintings.
- Universal use in new and used paints.
- Excellent cutting-action with a high-gloss finish.
- Great anti-hologram qualities.
- Minimal dust generation.



PRESENTATION	CONTENT	ITEM	ITEM
Bottle	1 kg	1	2471
Garrafa	5 kg	1	2479
Dosificador	250 g	8	2494



## Polishing Compound Plastic Parts



- Features**
  - Offers plenty lubrication when working on high temperature conditions.
- Benefits**
  - Nano-compound for high quality finishing.
  - Ideal for new or worn out paint polishing applications.
  - Ideal for high volume productions.
  - Removes grain 3000 and further scratches.



### Tech - Tip

For polishing pieces use TENAZIT BLUE PAD Item 2498 (3") or BLUE SPIDER item 2499 (3").

PRESENTATION	CONTENT		ITEM
Garrafa	5 kg	1	2469



## Anti-holograms Polishing Compound



- Features**
  - Water based polish.
  - Free from waxes, silicone and toxic solvents.
  - Yellow thick liquid appearance.
  - Contains aluminum oxide dust as filling agent.
  - Removes **micro-strips** and grain **3000** sanding marks.
- Benefits**
  - Completely removes holograms (buffing marks).
  - Nano-compound for high quality finishing.
  - Unique shine properties for new and worn paints polishing.
  - Minimal dust generation.



PRESENTATION	CONTENT		ITEM
Bottle	1 kg	1	2472

## Dispenser



### ► Features

- It attaches to item 2469 & 2479.
- Includes wall-mounted accessory.

### ► Benefits

- Avoids polish runoff.
- Allows fast and easy Tenazit Next Step® Polishing compound dispense.

ITEM
1 2481

## Envase Dosificador de pulimento



### ► Features

- 1/4 litre

ITEM
20 90170

## Comparativa Pulimentos

CUTTING POWER					
1	2	3	4	5	6
Micro-Fine	Fine	Medium	High	Extreme	

GLOSS LEVEL					
1	2	3	4	5	6
Very Low	Low	Medium	High	Extreme	



## Spray Wax



### Features

- Unique and innovative Spray liquid sealant for painted, new or polished surfaces.
- Free from silicons and toxic compounds, so it can be use practically over any soft surface.

### Benefits

- Very fast application. Just spray, apply and go!
- In seconds your paint will be protected from dust and other pollutants.
- Doesn't whiten. May be used over plastics and crystals.
- No need of removing last wax layer for a second appliance.

PRESENTATION	CONTENT	ITEM	ITEM
Liquido Spray	500 ml	1	2473



## Protection polymer



### Features

- Polymer designed to protect and beautify paint, crystals and chrome or plastic pieces.

### Benefits

- Provides a super glossy surface with a high gloss appearance.
- Protects against dust & water.

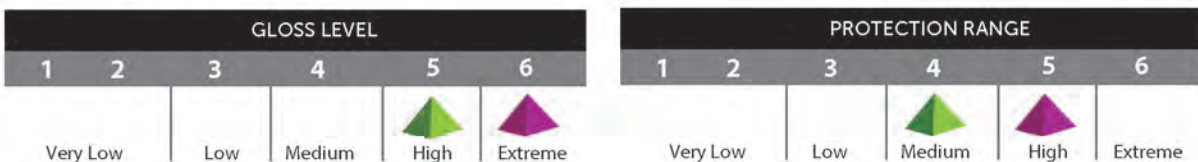


PRESENTATION	CONTENT	ITEM	ITEM
Liquido Spray	500 ml	1	2490

**Tech - Tip**

Manually applied using Tenazit's honey puck item 2491 over a clean and dry surface. Let it dry after the application for a couple of seconds and remove excess with a micro-fiber towel item 2755.

## Comparativa Sprays





## Micro-Fiber Towel



### Features

- Seamless design, avoids micro-scratches in dark paints.
- Extremely soft and receptive.

### Benefits

- For the application of finish protective layers.
- Ideal for waste polish cleaning such as dust particles.
- Meets the highest standards from the automotive industry.



### Tech - Tip

Don't wash with fabric softener.

DIMENSIONS	ITEM
400 x 400 mm	1 2755



## TENAZIT Clean Micro-Fiber Towel



### Features

- Seamless design.
- Soft structure that doesn't loose fluff.

### Beneficios

- For automotive polish and wax cleaning.
- At a very affordable price.



### Tech - Tip

Don't wash with fabric softener.

DIMENSIONS	ITEM
400 x 400 mm	50 2756



## Waffle Pad



### Features

- Black color sponge.
- The surface shape allows cooling for a soft and cool polishing.

### Benefits

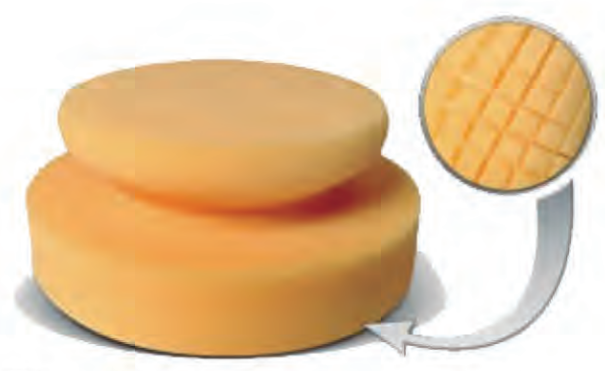
- For automotive polishing.
- Designed to lengthen its useful life decreasing heat generation.
- To remove holograms when using along with 2472 polishing compound.

DIMENSIONS	ITEM
8" x 1" 200 x 25 mm	2 2478

## Honey Puck



- ▶ **Features**
  - Manual and ergonomic sponge.
  - 3D open construction.
  - 130 mm.
- ▶ **Benefits**
  - For Nubo polymer application.
  - High polish absorption thanks to its structure.



**Tech - Tip**  
 After application wash with warm water.



DIMENSIONS	PKT	ITEM
5-1/8"x2"	1	2491

## Paint Puck



- ▶ **Features**
  - Ergonomic pad for manual polishing.
  - 110 mm.
- ▶ **Beneficios**
  - For areas with difficult access for machines.
  - For final finishing.

**Tech - Tip**  
 To keep it in optimal conditions: wash after using it.



DIMENSIONS	PKT	ITEM
4-3/8"	1	2477

## Esponja Blanca



- ▶ **Features**
  - 150 x 50 mm.
  - **ULTRAGRIP** backing.
- ▶ **Benefits**
  - For polishing automotive paint.
  - Excellent finishing.



DIMENSIONS	PKT	ITEM
6"x2"	1	956





**Tech - Tip**

1. To keep the pad in optimal working conditions:
  - When saturated with material brush with item 2482.
  - After using it, wash the pad with warm water.
2. Don't mix different compounds on the same pad.



**Features**

- Thanks to its grid structure it absorbs more compound and the cut is constant all over the surface.
- Its 3D structure allows greater heat circulation.
- **Thick cutting** -power.
- **ULTRAQRIP** backing.

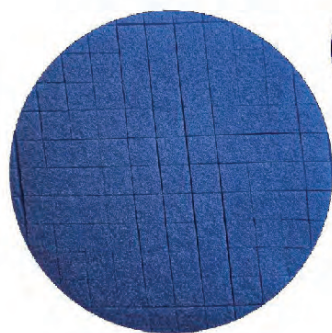
**Benefits**

- Removes middle stripes from painted surfaces.
- Generates less surface temperature during polishing.
- High performance.

DIMENSIONS	MAX. RPM		ITEM
3"x1"	3000	10	2488
5-3/8"x1"	2000	1	2474
6-1/2"x1"	2000	1	2484

**Diameter = ø in mm**

- 3" = 85 mm
- 5-3/8" = 135 mm
- 6-1/2" = 160 mm



DIMENSIONS	MAX. RPM		ITEM
3"x1"	5000	10	2498

**Spider**

DIMENSIONS	MAX. RPM		ITEM
3"x1"	10000	10	2499

**Features**

- Polishing sponge for heavy-duty.
- Item 2498 – Excellent flexibility and consistent finishings, working below 5000 RPM.
- Item 2499 – Its grid structure guarantees continuous surface cooling to reduce the risk of burns by working over 10,000 RPM.
- **Thick to medium cutting** power.
- **ULTRAQRIP** backing.

**Benefits**

- High performance
- Less working time, faster cutting action.

## Orange Pad



### Features

- Orange color polishing sponge for final glaze.
- Frequently use for treatment of imperfections on painted surfaces.
- Medium-fine cutting power.
- **ULTRAGRIP** backing.

### Benefits

- Light and micro scratches (like holograms) removal.
- Fits excellent to curved surfaces.
- High performance.

#### Diameter = ø in mm

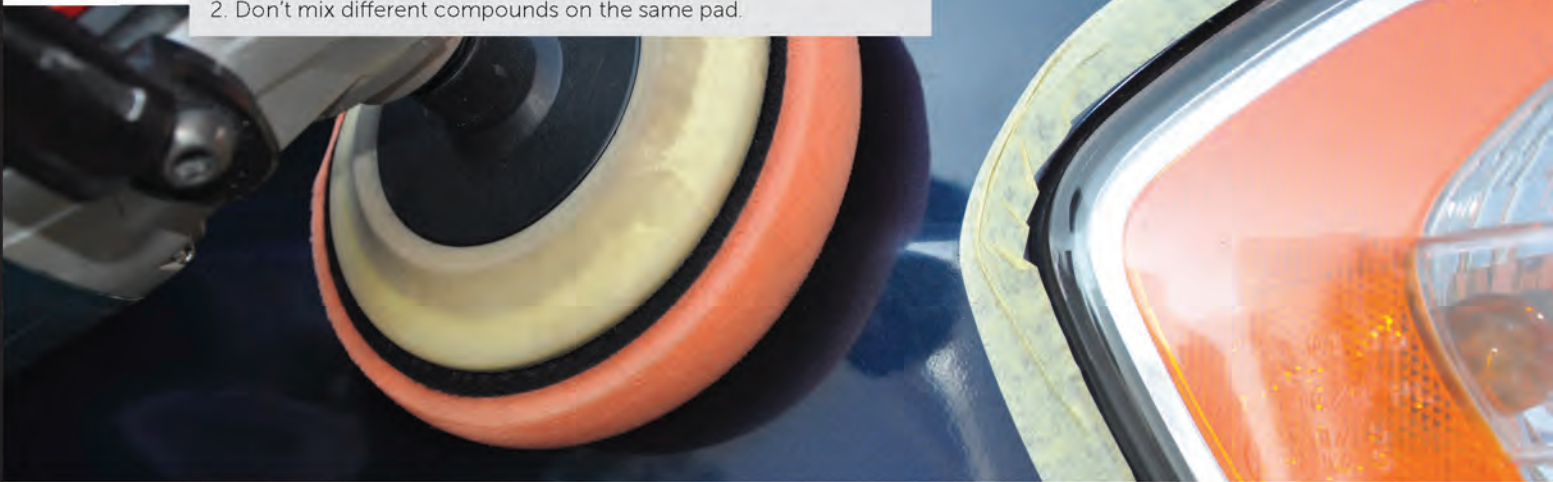
3" = 85 mm  
5-3/4" = 145 mm  
7" = 180 mm

DIMENSIONS	MAX. RPM		ITEM
3"x1"	3000	10	2486
5-3/4"x1-3/16"	2000	1	2475
7"x1-3/16"	2000	1	2485



### Tech - Tip

1. To keep the pad in optimal working conditions:  
-When saturated with material brush with item 2482.  
-After using it, wash the pad with warm water.
2. Don't mix different compounds on the same pad.



## Soft Touch



### Wool polishing Pad

### Features

- Hybrid pad that combines a natural wool pad on a sponge base.
- Greater polish absorption through out its long fibers.
- Provides great refrigeration thanks to its natural wool.
- Highest removal rate among "Extra Cut" polishing pads.
- **ULTRAGRIP** backing.

### Benefits

- Outstanding heat dissipation and maximum cutting power.
- Removes deep stripes from painted surfaces without gloss and mate ones.
- Recommended for polishing synthetic painted parts (800 to 1000 RPM) or extra cutting.
- High performance.



#### Diameter = ø in mm

3" = 85 mm  
5-3/8" = 135 mm

DIMENSIONS	MAX. RPM		ITEM
3"x1"	3000	10	2487
5-3/8"x3/4"	2000	1	2476



### Tech - Tip

1. To keep the pad in optimal working conditions:  
-When saturated with material brush with item 2482.  
-After using it, wash the pad with warm water.
2. Don't mix different compounds on the same pad.

## Premium Wool Polishing Bonet



### Features

- Manufactured with high quality materials.

### Benefits

- Item 2971 – Special **ULTRAGRIP** backing with quick centering on the back.
- Item 2970 – Doubled sided bonnet, top high performance and unmatched polishing quality.



#### Diameter = ø in mm

7-1/2" = 190 mm  
8" = 200 mm

#### Thickness = T in mm

1-1/4" = 32 mm

### Double Sided

DIMENSIONS		ITEM
7-1/2"x1-1/4"	1	2971

DIMENSIONS		ITEM
8"x1-1/4"	1	2970



#### Diameter = ø in mm

5" = 125 mm  
7" = 180 mm  
9" = 225 mm  
10" = 254 mm

## Wool polishing 100% natural



### Features

- Made with high quality pure wool.
- With mooring fix system.

### Benefits

- Commonly used for paint polishing, doesn't scratch or burn the surface.



Drill

DIMENSIONS		ITEM
5"	1	697



Angle Polisher

DIMENSIONS		ITEM
7"	1	698
9"	1	699
10"	1	2974

## Brush

For cleaning bonets and pads

### Features

- With wooden handle and nylon bristles.
- 9x4 rows.

### Benefits

- To remove polish and wax waste from the pads and sponges after use.
- Harmless to pads and bonets



Hand Use



DIMENSIONS		ITEM
9"x3/4"	6	2482



### Tech - Tip

Press the brush against the pad while rotating at low speed for an easy dirt removal.

## Premium Blue Clay



### Features

- Cleaning clay.
- Easy and safe to use.
- Designed for professionals with high quality standards.

### Benefits

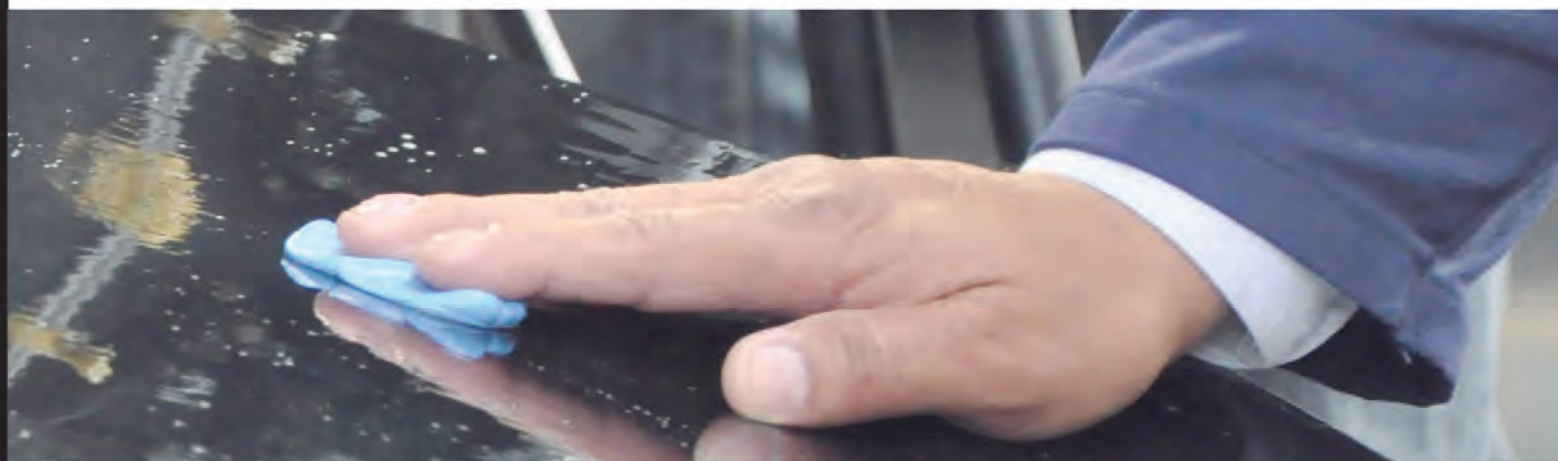
- Removes dirt and paint breezes, asphalt resin, etc.
- Effective in paints, crystals and chrome parts.



PRESENTATION	CONTENT		ITEM
Barra	200 gml	1	2461



Hand Use



## Automotive Masking Tape



# TENAZIT.

### Features

- 145 microns thickness.
- Waterproof.
- Leaves no residue or stains on the paint.
- Excellent adhesive power and high flexibility.

### Benefits

- For masking prior to painting or polishing in automotive repainting.
- Can be applied on cold or hot surfaces.
- Resists solvents and temperatures up to 120 °C inside paint booth.
- Resists solvents.
- Excellent self-adhesive.



Hand Use

THICKNESS		ITEM
18 mm	48	2583
24 mm	36	2584
36 mm	24	2585
48 mm	20	2586

## TENAZIT® Clean Windshield cleaner



- **Features**
- Highly concentrated cleaning agent.
  - Practical dosing system.
  - With peach aroma.

- **Benefits**
- Cleans and shines on the windshield.



### Tech - Tip

One bottle for 3.2 lts. del depósito de agua para los limpiadores del auto.

PRESENTATION	CONTENT		ITEM
Bottle	32 ml	25	2483

## TENAZIT® Clean Cleaning liquid for Rim wheels



- **Features**
- Free from acid content.
- **Beneficios**
- High performance.
  - Eliminates dirt and dust stuck to the rim wheel.
  - Removes particles that only acid-based cleaners could take off.
  - Doesn't mark tires or rims.



PRESENTATION	CONTENT		ITEM
Líquido limpiador	500 ml	12	2437



## TENAZIT® Clean Tire Polishing

- **Características**
- To protect all type of wheels.

- **Benefits**
- Gives a long lasting shine and gives the tires a new and fresh look.
  - Protects from freezing.

PRESENTATION	CONTENT		ITEM
Líquido abrillantador	500 ml	12	2435

# TENAZIT®

## SANDING SOLUTIONS FOR AUTOMOTIVE AFTERMARKET

PROCESS		PANEL				FILLER					PRIMER					COAT				SPOT				
Grit	Ø	36	40	60	80	100	120	150	180	220	240	320	400	500	600	800	1000	1200	1500	2000	2500	3000	4000	
<i>Super Abriflex</i>	1-1/4" - PSA																		2525	2526	2527			
<i>Biflex</i>	3" - ULTRACOMP										3230	3231	3232		3260	3233		3234	3235		3236	3237		
<i>Tolexut</i>	5" - ULTRACOMP										3240	3241	3242		3261	3243		3244	3245		3246	3247		
<b>MAGMA</b>	6" - PSA									2046														
	6" - ULTRACOMP	2028		2030	2032	2031	2033	2034	2035	2036		2037	2038		2054	2055	2056	2057	2058	2059				
<b>TSA4 GOLD</b>	5" - PSA		1658	1659	1662	1662	1663	1664	1665	1666		1667	1668											
	6" - PSA		1694	1695	1704	1907	1705	1706	1707	1708	1696	1709	1710											
	5" - ULTRACOMP		1720	1721	1722	1913	1723	1724	1725	1726	1736	1727	1728		1737	1738								
	6" - ULTRACOMP		1748	1749	1750	1917	1772	1773	1774	1775	1777	1776	1791		1778	1779								
<b>ALD "F" Backing</b>	6" - PSA				2012		2013																	
	6" - ULTRACOMP		2001	2000	2002																			
<b>S/C "C" Backing</b>	5" - PSA				1929																			
	5" - ULTRACOMP				1936	1937	1938	1939	1940	1941		1944	1946											
	6" - ULTRACOMP				1947	1948	1949	1950	1951	1952		1955	1957											
<b>ABRATURBO</b>	5" - ULTRACOMP								1924		1925													
	6" - ULTRACOMP			1961	1962		1963		1965		1966			1968										
<b>NETZIT</b>	5" - ULTRACOMP				2063		2064		2065														2074	
	6" - ULTRACOMP				2066		2067		2068															

# Quick waxing kit

## Item 2497

### CONTENT:

- 1 "Spray Wax" Sprayer.
- 1 Premium Blue Clay (1/3)
- 1 Microfiber towel



**Just Spray, apply and go!**

After every wash

"These processes are recommended for vehicles without visible surface damage".

### RECOMENDATION

- ▶ To keep the appearance of freshly polished for a long time, first apply the protective polymer **Next Step NUBO Item 2490**.



### STEPS

#### 1 Wash

Wash perfectly your car with water and Car Wash shampoo (try to keep it free of dust).

#### 2 Decontaminate

Rub the entire surface of the car, including crystals and chrome or plastic parts with blue clay (item 2461) and a little amount of water or Car Wash Shampoo. This will help to remove surface pollutants such as dirt, stains, oil tar, resin, etc.

**Be careful not to drop the clay because it will get dirty and ruined.**

#### 3 Apply Wax

- a) Spray the product Item 2473 over the clean and dry surface.
- b) Using the microfiber towel Item 2755 remove wax excess by scrubbing with circular movements. Microfiber towels are gentle to car's finishing as they leave no residue or fluffs and don't scratch the surface.



**Before**

**After**

# Headlight Restoration



**Only protect, sand and polish!**  
Your headlight is now ready with a natural shine.

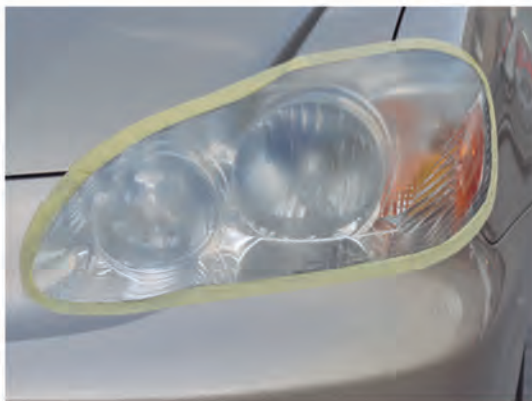
## Item 2489

### CONTENT:

- 5 Sheets 1500-grit Sandpaper.
- 5 Sheets 2000-grit Sandpaper.
- 1 Orange Sponge of 3".
- 1 Wool Cap / Bonnet of 3".
- 250 g of Polishing Compound.
- 1 Manual double density back.
- 1 Back of 3"x 5/8" – 11H **ULTRAGRIP** backing.
- 1 Drill Adapter with Stem of 1/4" x 5/8" – 11H.
- 1 Microfiber towel.
- 1 Masking Tape.

### STEPS

- 1** Protect the paint around the headlight using the masking tape before starting with the restoration process.
- 2** Sand thoroughly the outer headlight layer in order to remove even the deepest scratch. Use the manual hand backing add water and sand back and forth in one direction. Select the proper grit size according to the surface damage.
- 3 a)** Smear some polishing compound on the lens and polish with the wool cap in a circular motion (Visually inspect the surface for remaining sandpaper scratches, all of them should be vanished by now).
- b)** To obtain a final gloss-finish smear a little amount of polishing compound and polish using the orange sponge
- c)** Clean up every last vestige of the abrasive polishing compound with the microfiber towel.



**Before**



**After**





**DIAMOND**  
for **CONSTRUCTION**  
& **STONE**

# Technical Information

## Diamond Blade Rims Types

### Segmented



For general-purpose. Use when cutting-speed and lifetime are primary concerns rather than finish.

### Turbo



Quick cutting-action and better finish than segmented rim blades. Best option when cutting-speed is a primary concern.

### Continuous



Provides the smoothest and cleanest cuts. Best finishing when working on hard or fragile materials.

## Conversion Chart

Diameter		Hole	
Ø	mm	H	mm
3/16"	5	5/8"	15.88
1/4"	6	7/8"	22.2
9/32"	7.5	1"	25.4
3/8"	10	2"	50
1/2"	12	2-3/8"	60
9/16"	15		
3/4"	20		
1-1/4"	32		
1-3/8"	35		
1-1/2"	38		
2"	50		
2-3/4"	70		
3-1/2"	88		
4"	100		
4-1/2"	115		
7"	180		
9"	230		
12"	300		
14"	350		
16"	400		
18"	450		
20"	500		
24"	600		

Shank	
Ø	mm
1/8"	3.2
1/4"	6.4

**Thickness = T in mm**

- 0.012" = 0.3 mm
- 0.025" = 0.6 mm
- 0.040" = 1.0 mm
- 0.045" = 1.2 mm
- 0.050" = 1.3 mm
- 0.060" = 1.5 mm
- 0.067" = 1.6 mm
- 0.070" = 1.8 mm
- 0.075" = 1.9 mm
- 0.080" = 2.0 mm
- 0.085" = 2.2 mm
- 0.090" = 2.3 mm
- 0.095" = 2.4 mm
- 0.100" = 2.5 mm
- 0.105" = 2.6 mm
- 0.100" = 2.8 mm
- 0.118" = 3.0 mm
- 0.125" = 3.2 mm
- 0.140" = 3.6 mm
- 0.173" = 4.4 mm
- 0.250" = 6.4 mm

## Applications



### Wet cutting

For:  
12" or more.



### Dry cutting

For:  
4", 4-1/2", 7" and 9"



## Safety Measures

1. Choose the right disc size for the machine.
2. Choose the right disc for the job. Excellent performance and great results will depend on previous disc selection.
3. Ensure use suitable adapters for:
  - ◆ Angle grinder with (5/8"-11H) thread spindle. Item 547 (fig. 1) or Item 961 (fig. 2)
  - ◆ Angle grinder with (M14-2) thread spindle. Item 538 (fig. 1) or Item 958 (fig. 2)
4. Always ensure to switch OFF the power at supply source and/or remove the plug from the socket before changing the wheel.
5. Always ensure that the spindle rpm of the machine does not exceed the maximum safe speed of the diamond blade.
6. Wear personal protective equipment such as dust mask, gloves and ear protection.
7. Ensure to install the blade in the right direction of movement. Diamonds are oriented in the same direction. Direction of rotation will be indicated with an arrow on one side of the blade.
8. Don't tight the adapter excessively.
9. Be sure to firmly fasten your workpiece to a stable platform.
10. Check proper working conditions of the saw machine (spindle bearings, bands and pulleys). Proper machine maintenance will increase blade performance and lifetime.
11. Allow newly or used blades to run at operating speed, with the guard in place, for a reasonable time (one minute at least) before cutting, to ensure it's free from cracks or defects.
12. Don't make long continuous cuts with a dry diamond blade. Allow the blade to cool by turning in air every 15 to 20 seconds. The harder the material being cut, the more often the blade should be cool. Water combined with electrical tools may create dangerous working conditions. If the working machine is designed for wet cutting it is recommended to choose wet over dry cutting blades.
13. Don't attempt to cut more than one inch deep per pass with dry cut blades. For deeper cuts make multiple passes. Forcing the blade may cause overheating or blade damage.



**Fig. 1**



**Fig. 2**



## Technical Solutions

Problem Description	Cause	Solution
 <p><b>1</b> <b>Loss of Tension</b></p>	a) Blade being used on misaligned saw. b) The blade is excessively hard for the material being cut. c) Material slippage causing blade to twist. d) Very small or uneven flanges. e) Excessive RPM-Speed.	a) Check spindle alignment. b) Use a softer blade. c) Try to maintain the working-piece completely fixed while cutting. d) Ensure to use a matched pair of flanges of the correct size. e) Work at the maximum RPM Speed, marked on the blade.
 <p><b>2</b> <b>Steel body wear</b></p>	The material being cut is highly abrasive.	Use blades with under cutting segments.
 <p><b>3</b> <b>Use blades with under cutting segments</b></p>	a) Segments worn on one side reducing side clearance. b) Irregular wear on the periphery of the disc.	a) Check saw alignment and clean water system. Ensure that water is properly applied to the leading edge of the blade flanges. b) Replace worn bearing or arbor as required.
 <p><b>4</b> <b>Excessive Wear</b></p>	a) Using the wrong blade on highly abrasive material. b) Lack of sufficient coolant on the blade. c) Worn bearings of shaft. d) Insufficient power caused by loose V-belts, inadequate voltage or improper RPMS. e) Blade too hard for the material being cut.	a) Consult the manufacturer for the proper blade specification for abrasive material. b) Clean up water system. Ensure that water pump is functioning properly. c) Check bearings and arbor. If worn, replace with new parts before installing another blade. d) Replace tighten belts (taut). Replace worn belts. Check voltage. Use proper extension cord. e) Use correct blade with softer bond.
 <p><b>5</b> <b>Cracked Core</b></p>	a) Blade is too hard for material being cut. b) Lade jamming or twisting while cutting. c) Overheating.	a) Use correct blade with softer bond. b) Be careful not to twist or jam the blade in the cut. c) Use adequate water to cool wet-cutting diamond blades (8 to 20 liters per minute for concrete saws). Allow adequate airflow around dry-cutting diamond blades to prevent overheating.
 <p><b>6</b> <b>Segment Loss</b></p>	a) The material slips during cutting, which twists or jams the segments loose. b) Blade is too hard for the material it is cutting. c) Flanges in poor conditions. d) Worn blade flanges fail to provide proper support causing the blade to deflect. e) Overheating.	a) Hold the material securely while cutting. b) Use a softer blade specification. c) Replace both blade flanges. d) Replace worn arbor and/or bearings. e) Check the water system flow. Test pump to see if it works. For dry cutting it may be necessary to make shallower cuts and allow the blade to run free every few minutes to let it cool.
 <p><b>7</b> <b>Broken Segment</b></p>	Blade is too hard for the material being cut.	Use a softer blade.
 <p><b>8</b> <b>Eccentricity</b></p>	a) The bond is too hard for the material being cut. Instead of cutting, the blade begins to "pound", causing the blade to wear out-of-round. b) The saw blade shaft may have a groove scored in it. c) Worn blade bearings.	a) Use a softer blade specification. b) Replace the worn shaft. c) Install new blade shaft bearings.
 <p><b>9</b> <b>Overheated Blade</b></p>	a) Used of unsuitable coolant. b) Too deep and long cuts.	a) Check water supply for adequate volume and for obstructions through water system. b) Use dry blades ONLY for shallow cutting (1-2" deep) or step cutting. Allow blade to run free every 10 to 15 seconds to increase cooling airflow.
 <p><b>10</b> <b>Arbor Hole Out of Round</b></p>	a) Blade wrongly installed. b) Worn blade flanges or arbor shaft.	a) Be certain the blade is properly seated on the arbor before tightening flange. b) Check blade flanges or arbor shaft for wear. Replace.
 <p><b>11</b> <b>Blade Doesn't Cut</b></p>	a) The bond is too hard for the material being cut properly (motor lacks horsepower). b) Insufficient power to permit blade to cut. c) he blade works more slowly due to its continuous use in materials of medium hardness or vitrified. d) The segments seems to have life but it doesn't cut.	a) Use a softer blade. b) Check belts, voltage, and horsepower. c) Dress with abrasive material until diamonds become exposed again. d) Some hard bonded blades designed for abrasive materials require a non-diamond bearing section at the base of the diamond segment for better adherence to the steel core. A blade used to this stage has worn out in the normal manner and should be replaced.

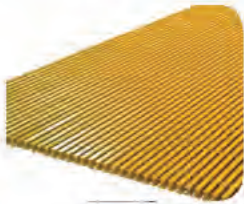
# Classification of Main Materials to be Cut



**Beam**



**Brick**



**Fiberglass**



**Refractory brick**



**Marble**



**Quarry**



**Volcanic Stone**



**Ceramic**

- In the building and stone industry, materials can be classified under four families according to their behavior when being cut: Hard, Abrasive, Limestone and Ceramics.
- Hard materials oppose maximum resistance to the cut and have a strong impact on the working tool. This with a minimal tool wear.
- Abrasive Materials oppose a medium resistance to the cut and a medium impact on the working tool. Nevertheless, the friction causes the blade to wear significantly.
- On the other side, limestone materials do not oppose to the cut and they have the characteristic of exerting a low impact and friction with a little wear of the blade.
- Ceramic materials may behave whether as hard, abrasive or even as soft ones, depending on their composition and degree of cooking.
- The General-Purpose Product Line is intended to work fine with any of the previously mentioned materials. Therefore hard materials applications need to be alternated with abrasive ones in order to guarantee a good performance of the blades and maintaining their original cutting ability.

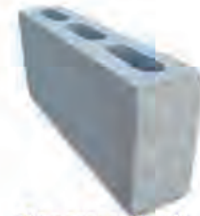
<b>Hard Materials</b>	<ul style="list-style-type: none"> <li>• Granite</li> <li>• Stoneware</li> <li>• Alumina refractory fire brick</li> <li>• Quartzite</li> <li>• Porphyry</li> <li>• Hard Brick</li> </ul>
<b>Abrasives Materials</b>	<ul style="list-style-type: none"> <li>• Concrete Block</li> <li>• Reinforced concrete</li> <li>• Green Concrete</li> <li>• Cured Concrete</li> <li>• Sandstone</li> <li>• Terrazzo</li> <li>• Low Refractory Alumina brick</li> <li>• Abrasive Brick</li> <li>• Concrete Beams</li> <li>• Quarry</li> <li>• Volcanic stone</li> </ul>
<b>Limestone &amp; Plastic Materials</b>	<ul style="list-style-type: none"> <li>• Marble</li> <li>• Limestone</li> <li>• Polyester</li> <li>• Fiberglass</li> <li>• PVC</li> <li>• Polycarbonate</li> </ul>
<b>Ceramic Materials</b>	<ul style="list-style-type: none"> <li>• Porcelain stoneware</li> <li>• Single firing ceramic</li> <li>• Double firing ceramic</li> </ul>



**Granite**



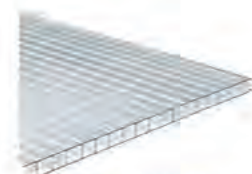
**Asphalt**



**Concrete Block**



**Porcelain**



**Polycarbonate**



**Porphyry**



**PVC**



**Klinker**

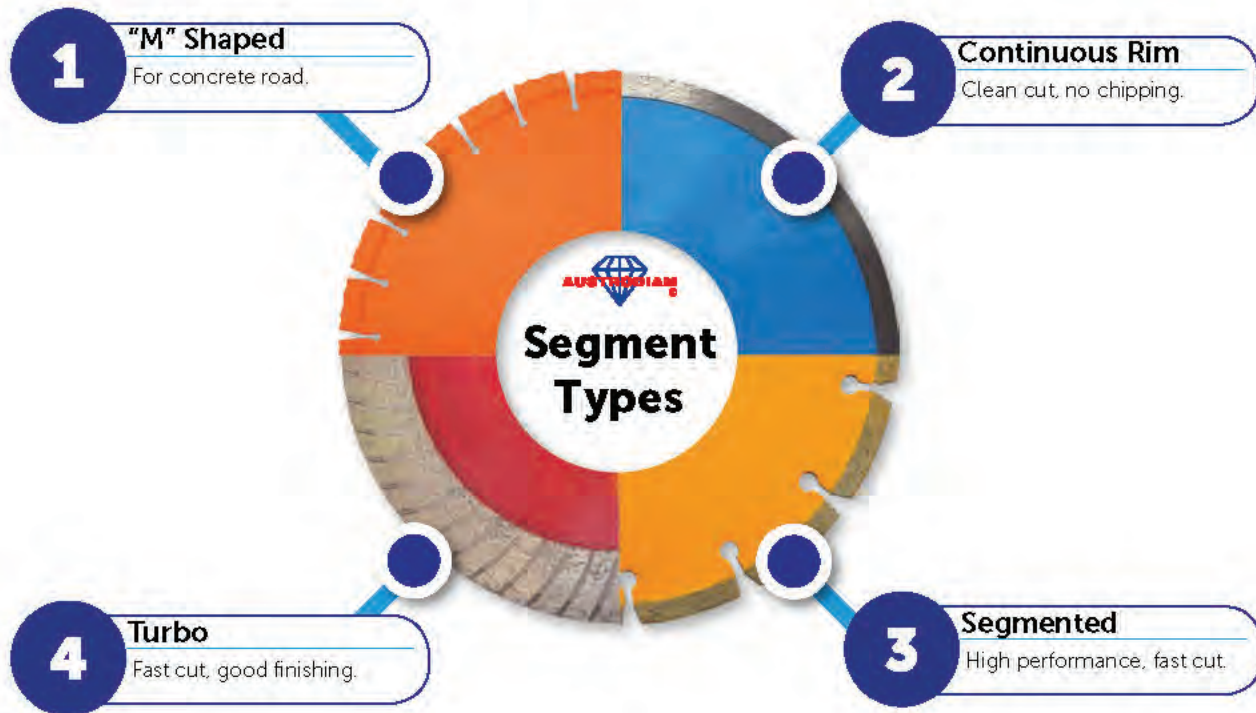
# Application Chart

GENERAL PURPOSE / MARBLE	SEGMENTED RIM								TURBO RIM				CONTINUOUS RIM						
	QUALITY	4"	4-1/2"	7"	9"	12"	14"	16"	18"	4"	4-1/2"	7"	9"	12"	14"	4"	4-1/2"	7"	9"
Platinum					859														
Gold	832	829	807	857															
Silver	1517		1540	1523										831	839	802		804	
Bronze	808	827	812	835	1532	1533				1513		1542				1545	1549	1546	
Chip-Cut	1516		1515																
Easy Cut	1504	1505	1507	1509						2501	2502	2503	2504			1501	1502	1503	1510
HJM	2552	2555	2558							2554	2557	2560				2553	2556	2559	
ECO DIAMOND	3250	3252	3255	3258							3254	3257				3251	3253	3256	
Super Turbo											2183	2184	2185						
Platinum			817	819							2187	2188	2189						
Golden		851	853	855			2190	2191			2166	2167							
Silver					1552					866		862							
Convex		850	1521	854		1538				1590	2165	1591							
Bronze		848																	
EASY CUT		847	1548	852		1531													
						1530													
Multicutler																			
Platinum			843/828	848							2181		2182						
Gold		1537	841																
Silver		1534	1520	1535		1525													
Bronze		1522	1547	1539															
Yellow		2544																	
Easy Cut		2515	2517			1495													

	SEGMENTED RIM						AGGREGATE								
	QUALITY	12"	14"	16"	18"	20"	24"	HARD		MEDIUM		SOFT		VERY SOFT	
								14"	16"	14"	16"	14"	16"	14"	16"
CONCRETE	Platinum		2145												
	Road Plus							2274	2275	2242	2243	2224	2226	1527	2210
	Gold		822	2210	2211		2213								
	Universal Silver	825	830												
	Bronze	1526	1524												
	Chip-Cut	1512	1514												
	Easy-Cut	1508	1511												
HJM		1518													
ASPHALT	Golden		838												
	Silver	845	835												
	Bronze	2890	2891												
	Easy Cut		840												
TILE	Golden										801	803			
	Silver							2160	2161	2162					
	Bronze							813		814	809	810			
	Easy-Cut								815	816					
REFRAC TORY FINE BRICK	Golden		834		2177	2178									
	Gold / Dry		842												
	Silver		1544												
SEMI-PRECIOUS STONES & PORCELAIN	Golden							1554			1555	865			
	Lapitary							1528		1529					



## Diamond Blade Segment Types



## Quality



The quality of the discs is indicated in the upper right side by the logo of the line or by diamond as show in the following table.

Quality	Indicator
<b>eco</b>	Logo
<b>CHUM</b>	Logo
<b>EASFCUT</b>	Logo
<b>chip-cut®</b>	Logo
Bronze	◆
Silver	◆ ◆
Gold	◆ ◆ ◆
Platinum	◆ ◆ ◆ ◆

## Material Classification

HARDNESS	CONCRETE		GRANITE			MARBLE		CERAMIC	
	Type	Speed m/s	% Quartz	Class	Speed m/s	Type	Speed m/s	Type	Speed m/s
Soft	Green	40 - 50	0 - 15	1 - 2	40 - 50	Travertine	50 - 60	Doble Firing	55 - 80
Medium	Cured	30 - 40	15 - 24	2 - 3	30 - 40	White Spain	40 - 50	Single Firing	45 - 55
Hard	Reinforced	25 - 35	25 - 34	4 - 5	25 - 35	Green	30 - 40	Stoneware Porcelain	40 - 50

# CONSTRUCTION

## Floor Cutting

Cured Concrete



### Features

- Pinhole diamond blade.
- High industrial diamond concentration.
- Laser welded segments.

### Benefits

- Special for cured, simple and reinforced concrete cutting applications.
- High performance even in deep cutting.



"M" Shaped



Small/Medium walk behind saw



Ø	MÁX. RPM
24"	2,500
18"	3,400
16"	3,800
14"	4,400
12"	5,000



TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
<b>Gold</b>						
	14"	0.125"			25	822
	16"	0.125"	1"	10 mm	28	2210
	18"	0.140"			32	2211
	24"	0.173"			42	2213
<b>Silver</b>						
	12"	0.125"	1"	10 mm	21	825
	14"				25	830
<b>Bronze</b>						
	12"	0.110"	1"	7 mm	22	1526
	14"				25	1524
<b>chip-cut®</b>						
	12"	0.110"	1"	7 mm	22	1512
	14"				24	1514
<b>EASycut.</b>						
	12"	0.110"	1"	7 mm	22	1508
	14"				25	1511
<b>CHUM®</b>						
	14"	0.12"	1"	10 mm	25	1518



### Tech - tip

Items 822, 2145, 2210, 2211 y 2213 are intended for large walk behind saws 25HP or more. Item 830 cuts perfectly cured concrete and asphalt over concrete (no more than 20% asphalt). Always ensure there is a continuous water flow to each side of the blade (8 to 20 L/min).

- Items 822, 825, 830, 1511, 1512, 1514, 1518, 1524, 1526, 2210, 2211 y 2213 are endorsed by the OS logo



# Floor Cutting

Asphalt



## Features

- Manufactured with slang segmented protection.
- High industrial diamond concentration.
- Laser welded.

## Benefits

- Special for asphalt and green concrete cutting applications.
- Special blade specification resistant to asphalt abrasiveness.



Small/Medium  
walk behind saw



TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
------	---	-----------	------	----------------	-------	------

Gold   



14" 0.125" 1" 10 mm 21 838

Silver  



12" 0.125" 1" 8 mm 21 845

14" 0.125" 1" 7 mm 21 833

Bronze 



14" 0.125" 1" 10 mm 18 2891

**EASycut.**



14" 0.125" 1" 7 mm 25 840 

Ø	MÁX. RPM
12"	5,000
14"	4,400

- **Undercut Protection:** Prevents wear on steel core and avoids loss of segments.



### Tech - tip

Always ensure there is a continuous water flow to each side of the blade (8) to 20 L/min).

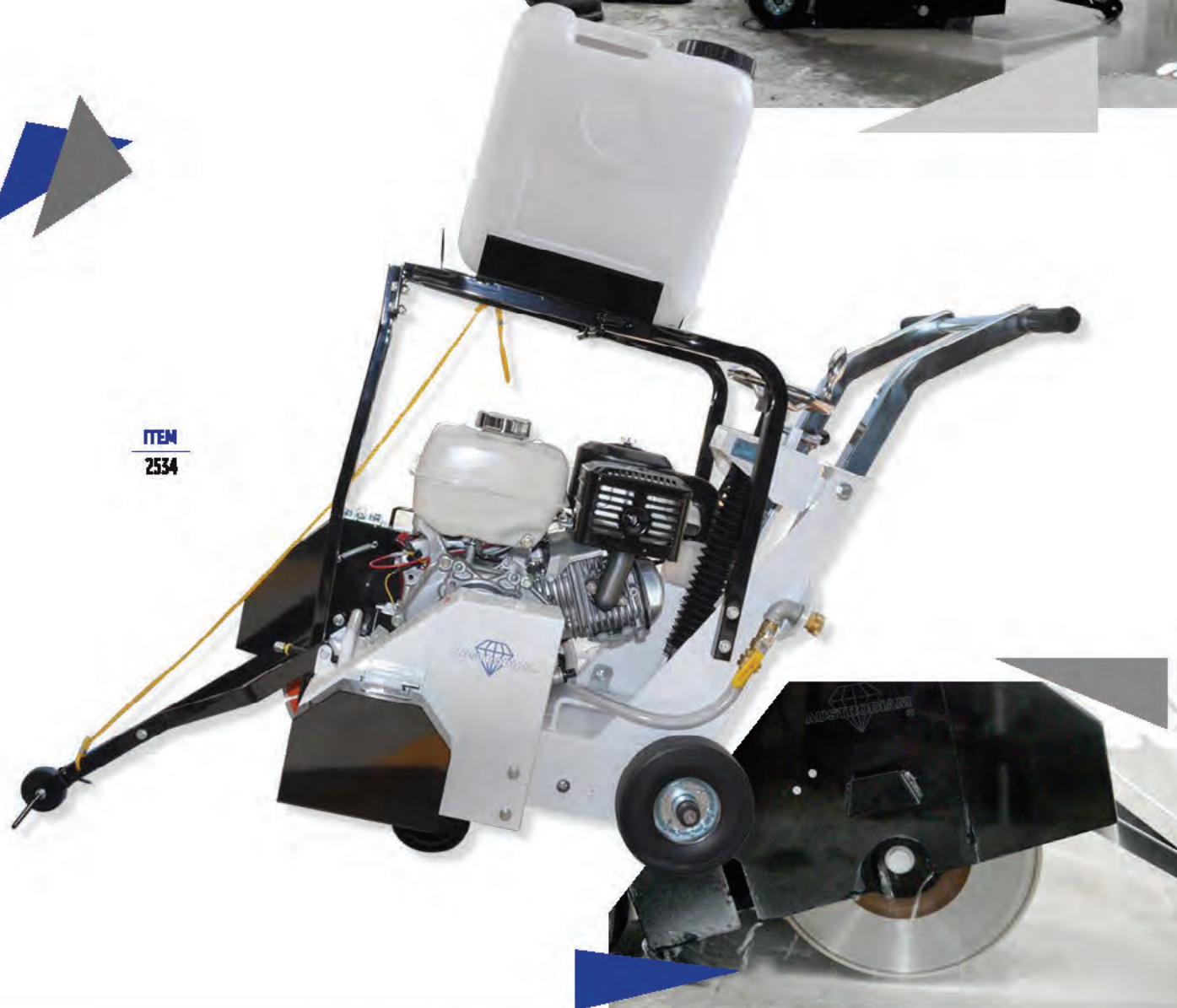
# Walk Behind Saw

## Features

- Honda GHX270 motor with 8.5 HP.
- Light weight of 116kg for an easy lifting.
- Sliding protective guard.
- Two-way manual cutting (left and right).
- Designed for heavy duty without vibration.
- Two-way manual cutting (left and right).
- For diamond discs with a diameter of 14, 16 and 18 in.
- Includes water tank.
- Maximum cutting depth range.
  - Disc of:
    - 14": 4-5/8"
    - 16": 5-1/2"
    - 18": 6-5/8"



**ITEM**  
**2534**



# Concrete Road Cutting



## Features

- For construction cutting applications of concrete roads.

## Benefits

- Item 2224. 20 "M" Type Segments has four slang segment protection and special steel core to avoid loss of segments and blade wear.
- Item 2226. 28 "M" Type Segments has seven slang segment protection and special steel core to avoid loss of segments and blade wear. For use in large walk behind saws (63 HP or more).



Large Walk Behind Saws



"M" Shaped



TYPE	Ø	THICKNESS	HOLE	ITEM	TYPE	Ø	THICKNESS	HOLE	ITEM
<b>Aggregate Zone HARD</b>					<b>Aggregate Zone SOFT</b>				
	14"	1/8"	1"	2274		14"	1/8"	1"	2224
	16"			2275		16"			2226
<b>Aggregate Zone MEDIUM</b>					<b>Aggregate Zone VERY SOFT</b>				
	14"	1/8"	1"	2242		14"	1/8"	1"	1527
	16"			2243		16"			2210

Ø	MÁX. RPM
14"	4,400
16"	3,800

Items 1527 y 2210 are endorsed by the OSA

## Widening disc

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	ITEM
Gold	14"	1/4"	1"	7.5 mm	2214



## Floor Cutting

Green Concrete





### Features

- Segments with aligned diamonds.

### Benefits

- Makes a controlled cut in the concrete controls where the cracks appear.

TYPE	Ø	THICKNESS	HOLE	MÁX. RPM	SEGMENT HEIGHT	ITEM
<b>Platinum (5000)</b>						
	10"	3/32"	SC	3 600	10 mm	2126
<b>Platinum (4000)</b>						
	14"	1/8"	SC	4 400	12 mm	2127

## First-Cut™ Blade with skid plate

Green Concrete



### Features


- For cutting concrete with medium aggregates.
- Includes skid plate.

### Benefits

- Control of cracks on green concrete (item 2537).



Ø	MÁX. RPM
6"	3,800
10"	3,600
14"	4,400

TYPE	Ø	THICKNESS	HOLE	MÁX. RPM	SEGMENT HEIGHT	ITEM	
Silver		6"	0.10"	SC	3 800	7.5 mm	2128

# First-Cut Saw <sup>TM</sup>



## ► Features

- It is a First-Cut saw for green concrete.
- With fuel Honda GHX160 engine of 4.8 HP.
- Heavy duty design but light weight enough for two people to lift.
- Up-cut design to keep debris from going back in the cut.
- For diamond discs of 6 in (Item 2125).
- Maximum cutting depth range of 1-3/16 in with discs of 6 in.
- Uses skid plate.



**Green  
Concrete**

**ITEM  
2537**

# Table Cutters

## General Purpose & Refractory



### General Purpose / Blue

Segmented

#### Features

- Laser welded blade segments made with selected diamonds and advanced sintering tech.

#### Benefits

- Excellent cutting-speed on construction materials, marble, fire brick, concrete and non-abrasive block.



### General Purpose / Blue

Turbo

#### Features

- Especially engineered for excellent finishings.

#### Benefits

- Smooth and clean cuts for construction materials, marble, fire brick, concrete, non-abrasive block and natural stone.



### Refractory

#### Features

- Laser welded segments.
- Special bond for refractory brick.
- Wet or dry cutting versions.

#### Benefits

- Special for refractory brick and building material cutting applications.

## SEGMENTED



## TURBO



MACHINE	Ø	QUALITY	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM.	LASER WELDED	ITEM
<b>GENERAL PURPOSE</b>								
Table Cutter	12"	BRONZE	0.110"	1"	7 mm	5 100		1552
	14"	BRONZE	0.110"	1"	7 mm	4 400		1553
<b>REFRACTORY</b>								
Table Cutter	14"	GOLD	0.125"	1"	7 mm	4 400		842* / 834
		SILVER	0.125"	1"	7 mm	4 400		1544
	18"	GOLD	0.125"	1"	10 mm	3 400		2177
	20"	GOLD	0.125"	1"	10 mm	3 000		2178

\* Item 842 can be used dry

MACHINE	Ø	QUALITY	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM.	LASER WELDED	ITEM
<b>GENERAL PURPOSE</b>								
Table Cutter	12"	SILVER	0.110"	1"	8 mm	3 800		831
	14"	SILVER	0.125"	1"	7 mm	3 200		839

## Table Cutters

Tile / Porcelanic Tile



### Features

- Manufactured with fine grit diamond.

### Benefits

- Fine cutting-action to avoid chipping when cutting hard and fragile materials, ceramic tile, porcelain, masonry, mosaic and obsidian.



### Continuous

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM	ITEM
<b>Gold</b>						
	8"	0.08"	5/8"	10 mm	5 700	<b>801</b>
	10"				4 500	<b>803</b>
<b>Bronze</b>						
	4"	0.06"	5/8"	7 mm	14 500	<b>813*</b>
	7"				8 600	<b>814*</b>
	8"				5 700	<b>809</b>
	10"				4 500	<b>810</b>

\* dry and wet use

## Portable Machines

Tile / Porcelanic Tile



### Continuous

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM	ITEM
<b>Silver (with "arrow" shaped reliefs)</b>						
	4"	0.06"	7/8"	7 mm	14 500	<b>2160</b>
	4-1/2"				13 200	<b>2161</b>
	7"				8 600	<b>2162</b>
<b>EASYCUT</b>						
	115 mm	0.06"	7/8"	8 mm	13 200	<b>815</b>
	180 mm				8 600	<b>816</b>

### Features

- Manufactured with fine grit diamond.
- Silver line Engineered with "arrow" shaped reliefs.

### Benefits

- Fine cutting-action to avoid chipping when cutting hard and fragile materials, ceramic tile, porcelain, masonry, mosaic and obsidian.



#### Tech - tip

Item 815 & 816 excellent for granite cutting applications without chipping.



# Portable Machines

## General Purpose



### General Purpose / Blue

#### Segmented

#### Features

- Laser welded blade segments made with selected diamonds and advanced sintering tech.

#### Benefits

- Excellent cutting-speed on construction materials, marble, fire brick, concrete and non-abrasive block.



### General Purpose / Blue

#### Turbo / Continuous Rim

#### Features

- Especially engineered for excellent finishings.

#### Benefits

- Smooth and clean cuts for construction materials, marble, fire brick, concrete, non-abrasive block and natural stone.



### chip-cut®

#### Features

- Manufactured with perfectly welded industrial diamonds.

#### Benefits

- Great for building materials marble, concrete, fire brick and non-abrasive light-duty applications.



### General Purpose

#### EASYCUT.

#### Features

- Affordable price.
- Manufactured with advanced sintering technology.

#### Benefits

- For non intensive cutting of building materials, nonabrasive block, marble, concrete and fire brick.
- The segments are very safe and not give off.



### Turbo - Continuous Rim

#### EASYCUT.

#### Features

- Affordable price.
- Manufactured with advanced sintering technology.

#### Benefits

- For a smooth and clean cut.
- For building materials, ceramic tile, mosaic and marble non-heavy applications.



### HUM®

#### Features

- Very affordable price.

#### Benefits

- For general purposes in building materials.
- Consistent performance at a competitive price.



### eco DIAMOND

#### Features

- Very economical.

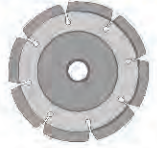
#### Benefits

- For general applications on building materials.
- When price is the most important factor.



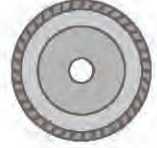
Ø	MAX. RPM
4"	14,500
4-1/2"	13,200
7"	8,500
9"	6,700

**SEGMENTED**



MACHINE	Ø	QUALITY	THICKNESS	HOLE	SEGMENT HEIGHT	LASER WELDED	ITEM
Angle Grinder	4"	GOLD	0.08"	7/8"	10 mm	●	832
		SILVER	0.08"	7/8"	10 mm	●	1517
		BRONZE	0.08"	7/8"	10 mm	●	808
		chip-cut®	0.08"	7/8"	7 mm	●	1516
		EASKCUT.	0.08"	7/8"	7 mm		1504 / 1506
		CHUM®	0.07"	7/8"	7 mm		2552
		eco	0.07"	7/8"	7.5 mm		3250
Angle Grinder	4-1/2"	GOLD	0.09"	7/8"	7 mm	●	829
		SILVER	0.09"	7/8"	10 mm	●	818
		BRONZE	0.07"	7/8"	10 mm	●	827
		EASKCUT.	0.08"	7/8"	7 mm		1505
		CHUM®	0.07"	7/8"	7 mm		2555
		eco	0.075"	7/8"	7.5 mm	●	3252
		Angle Grinder Sierra Circular	7"	GOLD	0.10"	7/8"	7 mm
SILVER	0.10"			7/8"	10 mm	●	806 / 1540
BRONZE	0.09"			7/8"	10 mm	●	812
chip-cut®	0.09"			7/8"	7 mm		1515 / 899
EASKCUT.	0.08"			7/8"	7 mm		1507
CHUM®	0.09"			7/8"	7 mm		2558
eco	0.095"			7/8"	7.5 mm		3255
Angle Grinder	9"			PLATINUM	0.10"	7/8"	12 mm
		GOLD	0.102"	7/8"	8 mm	●	837
		SILVER	0.118"	7/8"	7 mm	●	1541
		SILVER	0.102"	7/8"	10 mm	●	1523
		BRONZE	0.102"	7/8"	10 mm	●	835
		EASKCUT.	0.08"	7/8"	7 mm		1509
		eco	0.100"	7/8"	7.5 mm		3258

**TURBO**



MACHINE	Ø	QUALITY	THICKNESS	HOLE	SEGMENT HEIGHT	LASER WELDED	ITEM
Tile Cutter	4"	EASKCUT.	0.09"	7/8"	7.5 mm		2501
		CHUM®	0.75"	7/8"	7 mm		2554
Angle Grinder	4-1/2"	BRONZE	0.08"	7/8"	10 mm	●	1513
		BRONZE	0.09"	7/8"	7 mm	●	2550
		EASKCUT.	0.75"	7/8"	7.5 mm		2502
		CHUM®	0.08"	7/8"	7 mm		2557
		eco	0.08"	7/8"	7.5 mm	●	3254
Angle Grinder	7"	BRONZE	0.09"	7/8"	7 mm	●	2551
		EASKCUT.	0.102"	7/8"	7.5 mm		2503
		CHUM®	0.095"	7/8"	7 mm		2560
		eco	0.095"	7/8"	7.5 mm		3257
Circular Saw	9"	BRONZE	0.102"	7/8"	10 mm	●	1542
		BRONZE	0.110"	7/8"	7 mm	●	2562
		EASKCUT.	0.118"	7/8"	7.5 mm		2504

**CONTINUOUS RIM**



MACHINE	Ø	QUALITY	THICKNESS	HOLE	SEGMENT HEIGHT	LASER WELDED	ITEM
Tile Cutter	4"	SILVER	0.06"	7/8"	5 mm	●	802
		BRONZE	0.08"	7/8"	5 mm	●	1545
		EASKCUT.	0.06"	7/8"	7 mm		1501
		CHUM®	0.08"	7/8"	7 mm		2553
		eco	0.75"	7/8"	7.5 mm		3251
Angle Grinder	4-1/2"	BRONZE	0.08"	7/8"	10 mm	●	1549
		EASKCUT.	0.06"	7/8"	7 mm		1502
		CHUM®	0.08"	7/8"	5 mm		2556
		eco	0.08"	7/8"	7.5 mm	●	3253
Angle Grinder Circular Saw	7"	SILVER	0.06"	7/8"	5 mm	●	804
		BRONZE	0.08"	7/8"	5 mm	●	1546
		EASKCUT.	0.08"	7/8"	7 mm		1503
		CHUM®	0.08"	7/8"	7 mm		2559
		eco	0.95"	7/8"	7.5 mm		3256
Angle Grinder	9"	EASKCUT.	0.10"	7/8"	7 mm		1510



# CORE GRILL

ITEM 2533

- Features**
- Milwaukee® Motor 20A 6120V.
  - Vacuum pump included.



## Diamond Care Bits

Immediate Delivery



- For use in:**
- Cured Concrete
  - Cured Reinforced Concrete
  - Brick
  - Block

Fast and accurate drilling

Ø	LENGHT	STEM	ITEM
1"		5/8"-11H	1820
1-1/2"	14"		1821
2"			1823
2-1/4"		1-1/4"-7	1824
2-1/2"			1825

Ø	LENGHT	STEM	ITEM
3"			1826
4"			1827
5"	14"	1-1/4"-7	1828
6"			1829
8"			1830

Hardness	Advised Speed	
	CONCRETE	
	Type	Speed m/s
Soft	Green	2,5 - 4
Medium	Cured	1,2 - 2,5
Hard	Reinforced	24 - 34

If you bought one of our core bits don't forget our:

### RETIPPING SERVICE

We weld new segments to AUSTRODIAM® steel cylinders  
 Just contact our Customer Service Department  
 servicioclientes@austromex.com.mx

# GRINDING - POLISHING

## Diamond Cup **EASY-CUT.** Segmented



Angle  
Grinder



### ► Features

- Available with one or two rows of segments.
- With M14-2 or 5/8"-11 included thread.
- Affordable price.

### ► Benefits

- For grinding of concrete, marble and other building materials.
- Quick change, no special tool to mount it.

TYPE	Ø	HOLE	MAX. RPM	CLAVE
1 Hilera	4"	11h-5/8"-11"	14 500	2171
		M14-2		2172
2 Hileras	4"	11h-5/8"-11"	14 500	2173
		M14-2		2174

## **FASTCUT**® Arrow Shaped Segment



### ► Features

- With arrow shaped segments.

### ► Benefits

- Fast grinding action on concrete or hard coatings.
- Long lasting cup wheel.
- Doesn't clog.



Angle  
Grinder



Ø	HOLE	MAX. RPM	CLAVE
Silver			
4"	7/8"	14 500	2179
		8 500	2180

# Floor Polishing Machine

## Features

- Removes paint, epoxy covering and deep stains.
- Electrical Baldor Motor of 2 HP, 1158 and 16 A.
- Ergonomic design and light weight (55 kg.).
- Easy handle.
- With anti-sludge band that keeps equipment on the surface without lifting.
- Twist to a 2.800 RPM.
- Includes  
1 extension of 12 mm of diameter and 15 m. long, 8 in diameter diamond plate of great performance.

NEW  
LINE



ITEM  
2530



## Floor Grinding Plates



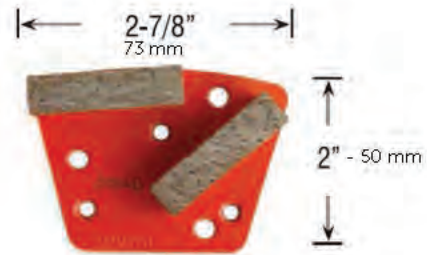
Ø	LENGTH	GRAIN		ITEM
		18/20		2640
2-7/8/2"	2"	30/40	9	2641
		60/80		2642

### ► Features

- Each piece includes 2 metal bond diamond segments.
- Dry or wet usage.

### ► Benefits

- Outstanding high accurate performance.
- Best alternative to traditional silicon carbide bricks.



## Floor Polishing Pad

### ► Features

- Resin Bond.
- VELCRO® backing.

### ► Benefits

- To achieve high gloss finishing.
- Long Life.



Ø	THICKNESS	GRAIN		ITEM
		50		2720
		100		2721
		200		2722
3-1/8"	3/8"	400	3	2723
		800		2724
		1500		2725
		3000		2726

VELCRO® and related trademarks are property of Velcro Industries B.V. used with authorization.

# Concrete Polishing

PROCESS	OBJECTIVE	PRODUCT	GRIT SIZE	FEATURES
<b>Grinding</b>	- Match surfaces - Reveal aggregates	Diamond Grinding plates Item 2640 Item 2641 Item 2642	18 / 20 30 / 40 60 / 80	Tough Grinding: Rough Finish Medium Grinding: Medium Finish Light Grinding: Fine Finish
<b>Transition</b>	- Surface preparation	Abrasive Polishing Bricks Item 488 Item 489	24 36	
<b>Initial Polishing</b>	- Seal the surface - Preparation for densified	Polishing Pads Item 2720 Item 2721 Item 2722 Item 2723	50 100 200 400	Light Grinding Light Grinding Light Grinding Light Grinding
<b>Densified</b>	- Increase surface hardness	N/A		
<b>Medium Polishing</b>	- Obtain a medium surface gloss	Polishing Pads Item 2724	800	Light Grinding, SHINE appears
<b>Densified</b>	- Increase surface hardness	N/A		
<b>Final Polishing</b>	- Obtain a final surface gloss	Polishing Pads Item 2725 Item 2726	1500 3000	Medium Shine Gloss Finish
<b>Floor Waxing</b>	- Seal and protect the surface	N/A		



# DIAMOND FOR STONE

## Granite / Green

Turbo



### Features

- Manufactured with turbo type rim segments.
- Special bond for quick cutting action.
- Multi hole steel cores.
- 4 different kind of segments.
- Central reinforced.

### Benefits

- Quick cutting action without chipping when cutting granite, millstone, hard marble, very hard ceramic tile, porphyry and artificial stones.
- Reduced noise.
- Comfortable for the worker.
- Platinum discs are able to side-cutting.
- Fastest cutting-speed among competing discs / blades.



Angle  
Grinder  
For  
4" to 4-1/2"



Circular Saw  
For  
7" to 9"



Platinum



Super Turbo



Turbo



With Protective  
Segments

TYPE	THICKNESS	HOLE	SEGMENT HEIGHT	ITEM
<b>PLATINUM</b>				
4-1/2"	0.05"			2187
7"	0.06"	7/8"	10 mm	2188
9"	0.06"			2189
<b>GOLD</b>				
4-1/2"	0.08"	7/8"	10 mm	2166
7"	0.100"			2167
<b>SUPER TURBO</b>				
4-1/2"	0.08"			2183
7"	0.100"	7/8"	10 mm	2184
9"	0.100"			2185
<b>SILVER (With Protective Segments)</b>				
4"	0.09"	7/8"	8 mm	866
7"	0.095"			862
<b>SILVER</b>				
4"	0.04"		7.5 mm	1590
4-1/2"	0.04"	7/8"	7 mm	2165
7"	0.06"		7.5 mm	1591

Ø	MAX. RPM
4"	14,500
4-1/2"	13,200
7"	8,500
9"	6,700



# Granite / Green Segmented



## Features

- High quality diamonds.
- Great segment resistance to heavy-duty applications.
- Available with silent (core) body.
- Steel core resistant to heavy-duty.

## Benefits

- High performance.
- Great for granite, hard marble and artificial stone cutting applications.




Circular Saw  
For:  
4-1/2" to 9"



Angle Grinder  
For:  
4-1/2" to 9"



Masonry Saw  
For:  
12" to 18"














- Items 852, 854, 855, 1521 and 1538 are endorsed by the 

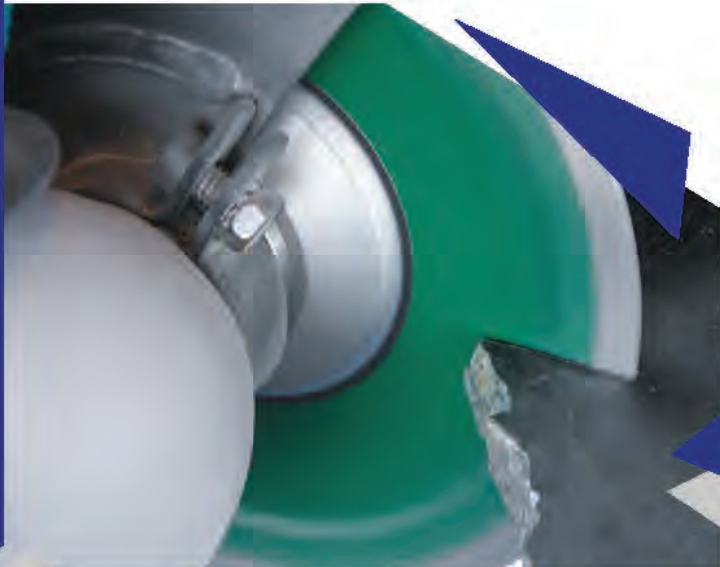
Ø	MAX. RPM
4-1/2"	13,200
7"	8,500
9"	6,700
12"	5,000
14"	4,400
16"	3,800
18"	3,400



- Item 848 and 849 are convex discs for making curved cuts. Ideal in the manufacture of sink covers.

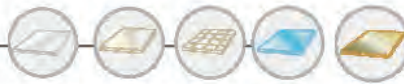
## High Performance

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
<b>PLATINUM</b> 						
	7"	0.09"	7/8"	12 mm	13	817
	9"	0.10"		12 mm	15	819
<b>GOLD</b> 						
	4-1/2"	0.09"	7/8"	7 mm	8	851
	7"	0.09"		10 mm	14	853
	9"	0.110"	1"	10 mm	16	855
	16"	0.125"		10 mm	28	2190
18"	0.125"	10 mm	32	2191		
<b>SILVER</b> 						
	4-1/2"	0.09"	7/8"	7 mm	8	850
	7"	0.09"		10 mm	14	1521
	9"	0.102"	1"	7 mm	16	854
	14"	0.125"		10 mm	25	1538
<b>SILVER CONVEX</b> 						
	4-1/2"	0.160"	7/8"	7 mm	9	848
<b>BRONZE</b> 						
	4-1/2"	0.07"	7/8"	8 mm	9	847
	7"	0.09"		8 mm	14	1548
	9"	0.102"		7 mm	16	852
<b>EASHCUT</b>						
	14"	0.130"	1"	7 mm	25	1530 
<b>AR</b>						
	14"	0.130"	2"	14 mm	24	1531





## Fragile Materials





### Features

- Manufactured with special bond specification for fragile materials.
- Super thin body.

### Benefits

- High performance.
- Higher cutting-speed and performance.
- Won't clog.
- Excellent for onix cutting (Item 865).


### Tile Cutter

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM	ITEM
	4"	0.06"	7/8"	5.5 mm	11 000	1554
	10"	0.078"	5/8"	10 mm	6 100	1555



Tile Cutter

### Bench Saw

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	MAX. RPM	ITEM
	14"	0.08"	1"	10 mm	4 400	865



Bench Saw



## Semiprecious Stones

Lapidary



### Features

- Free chipping bond.
- Fine mesh diamonds.

### Benefits

- For cutting applications of semi-precious stones, obsidian, onix, jade and tiger's eye stone.
- For artistic works.
- No chipping.
- Outstanding cutting-precision.





Angle Grinder



### Tech - tip

Fine cut without chipping when cutting onix, obsidian, jade and tiger's eye stone.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	4"	0.025"	7/8"	13 200	1528
	7"	0.025"	7/8"	8 500	1529



# Abrasive Stone



## Features

- With special bond specification for cutting abrasive materials.

## Benefits

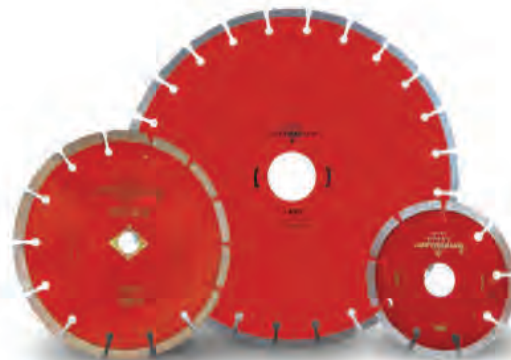
- For cutting abrasive materials and quarry.

### Segmented

TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
<b>PLATINUM</b>						
	7"	0.09"	7/8"	12 mm	13	843
	7"	0.09"		10 mm	14	828
	9"	0.102"		15 mm	15	846
<b>GOLD</b>						
	4-1/2"	0.085"	7/8"	10 mm	9	1537
	7"	0.09"		7 mm	14	841
<b>SILVER</b>						
	4-1/2"	0.09"	7/8"	10 mm	9	1534
	7"	0.09"		10 mm	14	1520
	9"	0.102"		10 mm	16	1535
	14"	0.110"		1"	7 mm	25
<b>BRONZE</b>						
	4-1/2"	0.07"	7/8"	8 mm	9	1522
	7"	0.09"		8 mm	14	1547
	9"	0.102"		7 mm	16	1539
<b>EASycut.</b>						
	14"	9/64"	2"	10 mm	24	1495*



\*Items 1495 y 1525.



• item 1520 is endorsed by the

Ø	MAX. RPM
4-1/2"	13,200
7"	8,500
9"	6,700
14"	4,400



For 4-1/2" to 9"  
Angle  
Grinder



For 14"  
Masonry  
Saw



For 14" (Wet Use)  
Bridge Saw

# Volcanic Stone Multicutter

## Features

- Multi cutter exclusive design.
- The diamond band on one side is thicker.
- 5/8"-11 adapter included.

## Benefits

- Great for cutting and grinding applications of volcanic stones, and several others such as abrasive materials.
- Easy assembling on standard grinder.
- Extraordinary performance.



Angle  
Grinder



Ø	THICKNESS	HOLE	MAX. RPM	ITEM
4-1/2"	7/64"	5/8"-11	13 200	2181
9"	1/8"		6 700	2182



## Stone



### Features

- 4 1/2", 7" and 9" blades with adapter included and protective segments.

### Benefits


- Great quick cutting action and high performance blend for volcanic stone and other abrasive materials applications.



### Tech - tip

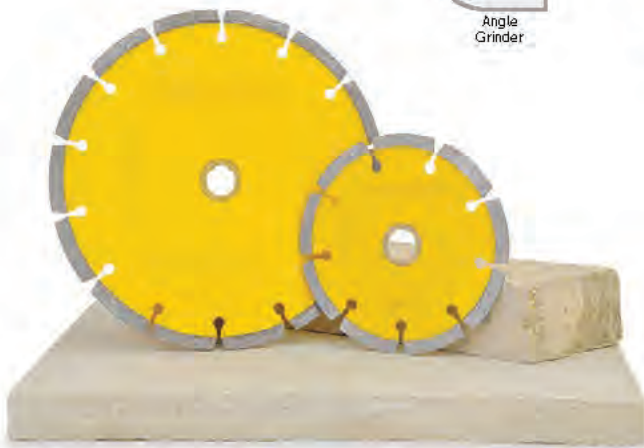
Turbo rim blade with protective segment for less noise generation and overheating.



TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
	4-1/2"	0.09"	M14-2	7 mm	9	2544
	7"	0.095"	5/8"-11		14	2547

## EASY-CUT.

Volcanic Stone




### Features

- Affordable price.
- Sintered blade.

### Benefits

- For volcanic stone, quarry and other abrasive materials cutting applications. Very useful when working stone crafts.



TYPE	Ø	THICKNESS	HOLE	SEGMENT HEIGHT	# SEG	ITEM
	4-1/2"	0.08"	7/8"	7 mm	9	2515
	7"	0.09"			14	2517

Ø	MAX. RPM
4-1/2"	13,200
7"	8,500

## Specials for Marble

Electroplated



### Features

- "U" shaped protections.
- Manufactured with high quality diamond.

### Benefits

- Good performance.
- Excellent finishings.
- Quick and precise cutting-action.
- No chipping.



"U" Shaped  
protections

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	# SEG	ITEM
	4-1/2"	1/32"	7/8"	12 000	10	2141
	7"	1/16"	7/8"	8 700	14	2142

## Vacuum Welded

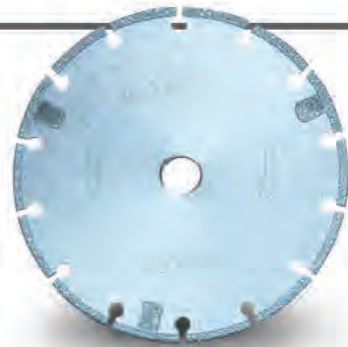


### Features

- Super thin blades for fine cuts without chipping when working with marble.
- Manufactured with high quality vacuum welded diamonds.

### Benefits

- High performance.
- Will not get clog.



### Tech - tip

Item 1592 includes reducer of 22.22 to 20 mm.  
Item 1593 includes reducer of 22.22 to 15.9 mm.



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	4-1/2"	0.08"	7/8"	13 200	1592
	7"	0.085"	7/8"	8 500	1593



### Features

- Vacuum brazed diamond.



### Benefits

- Higher cutting speed and performance.
- No chipping.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	SEGMENT HEIGHT	# SEG	ITEM
<b>CUTTING</b>							
	7"	0.102"	7/8"	5 500	7 mm	14	2143
	14"	0.12"	1"	4 400	7 mm	24	2142



## For Cutting Marble and Limestone



### Features


- Its unique design allows better cuts and great finishings.
- Noiseless core.

### Benefits

- Cutting depth range from 0.8 to 1.9 in.
- Recommended speed from 2 to 5 m/min.
- Optimal peripheral speed: 45 m/s.
- Great cutting speed.



Bridge saw

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	14"	1/8"	2-3/8"	3 450	5005
	16"	9/64"		3 050	5006



## For Cutting Engineered Stone

### Features

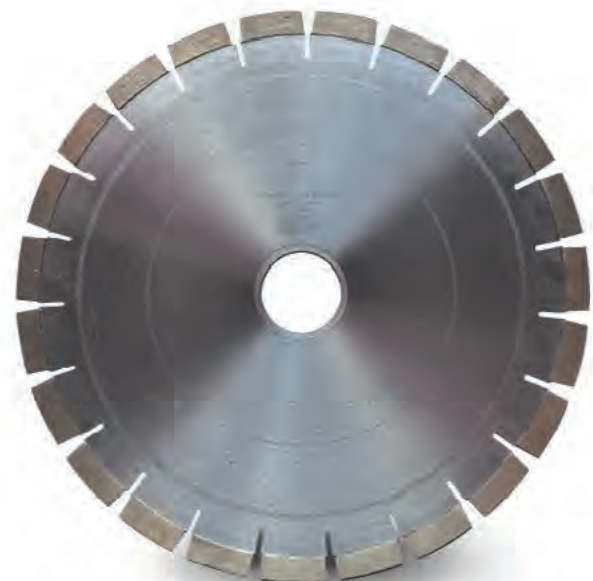
- Special design for cuts with great finishings.
- Noiseless core.


### Benefits

- Ideal for cutting stone with quartz, mixtures with resins and granite.
- Recommended infeed speeds:
  - 2 cm thickness: 2.5 m/min
  - 3 cm thickness: 1.5 m/min
- Optimal peripheral speed: 30-35 m/s



Bridge saw



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	14"	1/8"	2-3/8"	3 450	5025



## For Cutting Granite Class 1 to 3

### Features

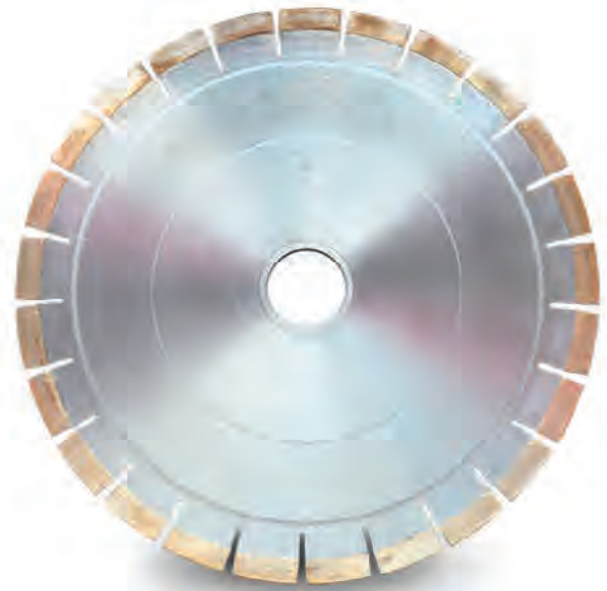
- High quality diamonds.
- Heavy duty resistant segments.
- Noiseless core.


### Benefits

- High Performance.
- Heavy duty resistant.
- For cutting granite, hard marble and artificial stones.
- High cutting speed.



Bridge saw



TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	14"	7/64"	2-3/8"	3 050	5015
	16"	1/8"		2 700	5016



## For Cutting Technical Ceramics

### Features


- Warranties easy cutting and good finish on high power machine working with low RPM.
- Noiseless core.

### Benefits

- For cutting Dekton®, Florim®, Magnum®, Risi®, Kerlite®, Kaminam®, Lapitec®, Beolith®, The Size®, Techlam®, Slimtech®, Stoneglass®, Zero 3® and any ceramic over-sized tile or slab.
- Maximum cutting depth of 12 mm.



Bridge saw

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM
	14"	7/64"	2-3/8"	3 050	5035
	16"	1/8"		2 700	5036

## With Shank Electroplated



### Features

- For high speed applications.
- Manufactured with a high resistant steel shank.

### Benefits

- Great cutting speed.
- Super precise cuts and no chipping.



⚙️	THICKNESS	SHAFT	MAX. RPM	ITEM
1-1/2"	0.012"	1/8"	35 000	2148

## Mini Turbo



### Features

- Turbo rim blade for cutting and grinding.

### Benefits

- For handcrafts and precision work.



⚙️	THICKNESS	SHAFT	MAX. RPM	ITEM
0.6"	0.08"	1/4"	100 000	1491



## Diamond



### Features

- Made with metal bond.
- Medium diamond grain.

### Benefits

- For cutting, grinding grooving applications and artistic works of marble, granite, obsidian, onix and other natural stones.
- Excellent for tight spaces.



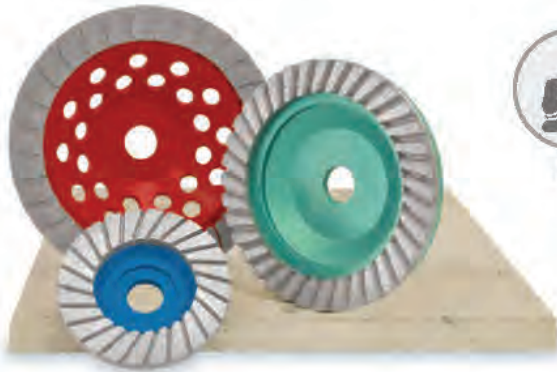
⚙️	THICKNESS	SHAFT	MAX. RPM	ITEM
1-1/2"	0.080"	1/4"	25 000	1490

# GRINDING

## Diamond Cup Turbo

### Features

- Manufactured with high quality diamonds.



Angle Grinder



#### • Blue



#### • Green



#### • Red



### Benefits

- Yield up to 20 times more than a conventional abrasive cup.
- Excellent stock removal rate.

THICKNESS	MAX. RPM	ITEM
<b>GENERAL PURPOSE</b>		
Silver		
4"	7/8"	14 500 867
Bronze		
4"	7/8"	14 500 2168
7"	8 600	2169
<b>GRANITE</b>		
Gold		
7"	7/8"	8 600 883
Silver		
4"	7/8"	14 500 869
<b>QUARRY</b>		
Gold		
7"	7/8"	8 600 885
Silver		
4"	7/8"	14 500 884



### Tech - tip

Items 869, 867, 884 and 2168 manufactured with aluminum body are light weight and reduces noise.

## Turbo Rubber Body



### Features

- Light weight resistant rubber body.
- 30/40 Diamond Grain.
- 5/8"-11 thread.

### Benefits

- Fast grinding action with minimum of chippings.
- No jumping, no vibration, silent, soft touch but aggressive grinding.
- Light weight.



Angle Grinder



THICKNESS	MAX. RPM	ITEM
4"	5/8"-11H	14 500 2175



## Turbo Rubber Core - Silent



### Features

- Rubber body.
- Super flexible.
- 5/8"-11 thread included.

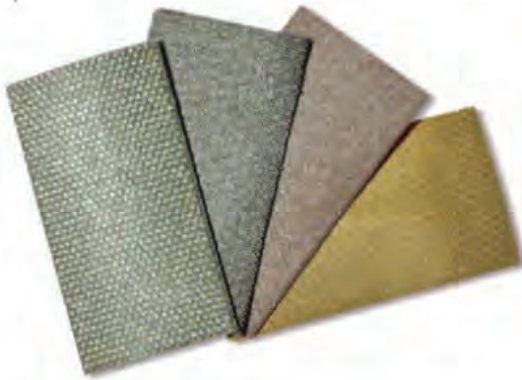
### Benefits

- Comfort while working without vibrations and creates less noise.
- Great for fast and precise concrete grinding operations.
- Light weight, soft touch.



THICKNESS	MAX. RPM	ITEM	
4"	5/8"-11H	10 000	2176

## Diamond Sheets



- 100 x 55 mm.

DIMENSIONS	GRIT	COLOR	ITEM
4" x 2-3/16"	60	GREEN	2753
	120	BLACK	2754
	200	RED	2755
	400	YELLOW	2756



### Tech - tip

Use it wet to enhance performance..

### Features

- High flexibility and resistant foamy backing.
- Washable.

### Benefits

- For surfaces grinding and polishing jobs.
- Outstanding performance.
- Just wash it and use it again.



# DRILLING

## Electroplated



### Features

- For wet drilling.
- Manufactured with fine diamond grains.

### Benefits

- Great for drilling in thin slabs of tile, ceramics, plastic, marble, acrylic and fiberglass.
- Excellent finishing.



### Whit Shaft

Ø	MAX. RPM	ITEM
1-1/4"		2950
1-1/2"	2 800	2951
2"		2952
Drill mounting adapter		
	3 000	2957



Ø	LENGHT	SHAFT	MAX. RPM	ITEM
1"	2"	9/32"	2 800	1570

## Porcelain – Tile



Ø	MAX. RPM	ITEM
1/4"		2946
5/16"	2 800	2947
3/8"		2948
1/2"		2949

**Item 2958**  
Guide with vacuum fix system



## Integral Core Drill



### Features

- Metal bond.
- No welding.
- Dry or wet applications.

### Benefits

- No chipping.
- Fast cutting action.
- High performance.



DIMENSIONS	MAX. RPM	GOLD ITEM
1x1-3/8 x 1/4"	3 100	2939
1-1/4 x 1-3/8 x 1/4"		2940



## Vacuum - Brazed

### ► Features

- Manufactured with vacuum brazed diamond.

### ► Benefits

- High performance.
- Good finish.
- Use dry or wet.



Drill

#### For Drill

Ø	MAX. RPM	SILVER ITEM
1/4"		2960
3/8"	15 200	2961
1/2"		2962
1"	8 500	2963



Angle Grinder

#### For Grinder

DIMENSIONS	MAX. RPM	ITEM
2" x 5/8" -11 H		2964
2-3/4" x 5/8" -11 H	8 500	2965
3-1/2" x 5/8" -11 H		2966

## Vacuum - Brazed with Paraffin Wax

### ► features

- Contains paraffin wax.
- Made with grit 50 diamond grit size.

### ► Benefits

- High performance.
- No chipping.
- Paraffin wax



Angle Grinder

DIMENSIONS	MAX. RPM	SILVER ITEM
1/4" x 5/8" -11 H		1428
1/2" x 5/8" -11 H	15 200	1432
1/2" x M14-2		1433
9/16" x 5/8" -11 H		1434

## Core Bit

### Ceramic Materials



Drill

#### ► Features

- Metal Bond and hex shank.
- Core extraction.

#### ► Benefits

- Clean Holes
- No splinters
- Stoneware drilling of 4 + 5 class.



DIMENSIONS	MAX. RPM	ITEM
1/4"	2 800	1446
5/16"		1447
3/8"		1448
1/2"		1449
3/4"		1450

## Core Bit

### Granite



#### ► Features

- Metal bond.
- Laser welded.
- Vacuum-brazed diamond core protection.

#### ► Benefits

- For dry applications.
- Commonly used for drilling in very hard materials like granite, marble and porphyry.



Angle  
Grinder



Ø	LENGHT	HOLE	SEGMENT HEIGHT	MAX. RPM	ITEM
1-1/4"	4-1/4"	5/8"-11 H M14-2	8 mm	6 500	1582 2170



# POLISHING

## Wet Polishing Pads



### Features

- Resin bond.
- 3mm thick.
- VELCRO® Backing.



Stone Polisher



### Benefits

- For marble and granite cover polishing jobs.
- Consistent finishings.

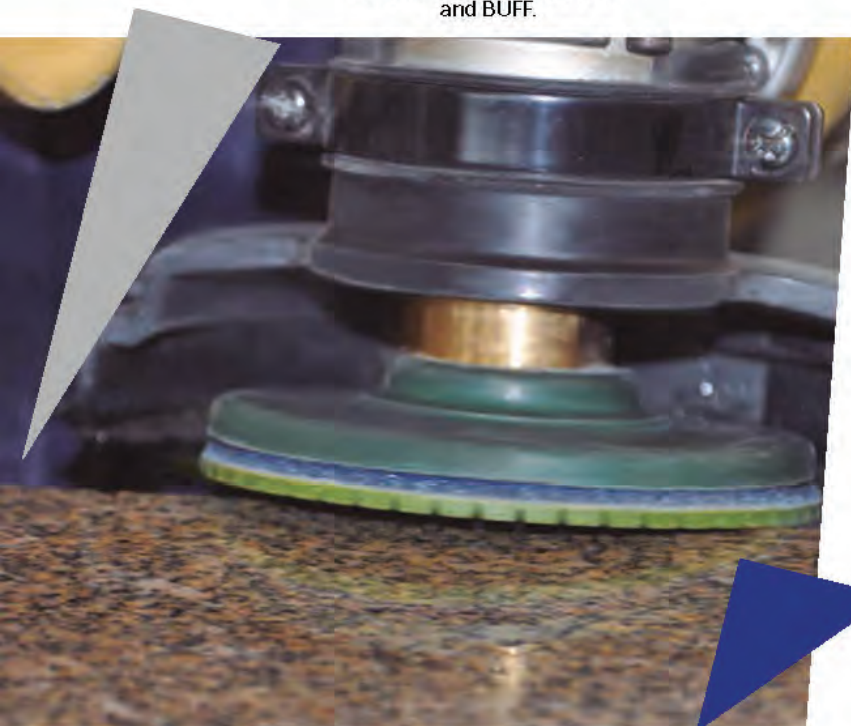


**Item 2817-4"**  
8 pieces set includes each available grit size: 50, 100, 200, 400, 800, 1500, 30000 and BUFF.

	MAX. RPM	GRAIN		ITEM
<b>GOLD QUALITY</b>				
		50		1576
		100		1577
		200		1594
4"	2 000	400	10	1595
		800		1596
		1500		1597
		3 000		1598

	MAX. RPM	GRAIN		ITEM
<b>EASYCUT. (Low price)</b>				
		50		2870
		100		2871
		200		2872
4"	2 000	400	10	2873
		800		2874
		1500		2875
		3 000		2876
		BUFF		2877

	MAX. RPM	GRAIN		ITEM
<b>CHUM®</b>				
		50		2760
		100		2761
		200		2762
4"	2 000	400	10	2763
		800		2764
		1500		2765
		3 000		2766
		BUFF		2767



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## Dry Polishing Pads

Honeycom design



### Features

- Resin bond.
- VELCRO® backing.

### Benefits

- For dry polishing of granite and marble surfaces.
- Ideal for working in the place of placement.



Stone Polisher



Ø	MAX. RPM	GRAIN	ITEM
4"	4 000	50	2670
		100	2671
		200	2672
		400	2673
		800	2674
		1500	2675
		3 000	2676

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## SPECIAL TOOLS

## Mounted Points

Vacuum-Brazed



### Features

- Vacuum brazed welded.
- Perfectly balanced.

### Benefits

- High performance.
- Excellent finishings.
- For industrial and handicrafts jobs.

TYPE	Ø	THICKNESS	HOLE	MAX. RPM	ITEM	
<b>MT-1</b>						
	9/16"	9/32"	1/4"	60 000	1440	1
<b>MT-3</b>						
	3/16"	9/16"	1/4"	75 000	1441	1
<b>MT-4</b>						
	1/2"	1"	1/4"	40 000	1442	1
<b>MT-8</b>						
	3/4"	9/16"	1/4"	40 000	1443	1
<b>MT-15 x 45°</b>						
	7/8"	1/2"	1/4"	50 000	1444	1



Straight Grinder



# Vacuum-Brazed Profile Wheels



## Features

- Manufactured with high quality vacuum brazed diamonds.

## Benefits

- High performance.
- Less grinding time.
- Suitable for dry applications.

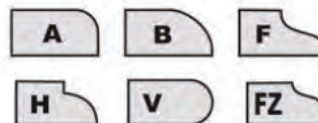


Angle  
Grinder

Ø	HEIGHT	HOLE	MAX. RPM	ITEM
SHAPE <b>B</b>	DVB35/40-B20			
3"	3/4"	5/8"-11 H	8 600	2630
SHAPE <b>F</b>	DVB35/40-F20			
3"	3/4"	5/8"-11 H	8 600	2632



## Available Shapes on Request



# Vacuum Brazed

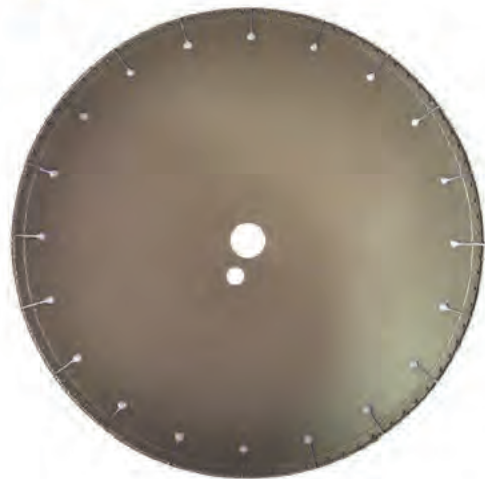


## ► Features

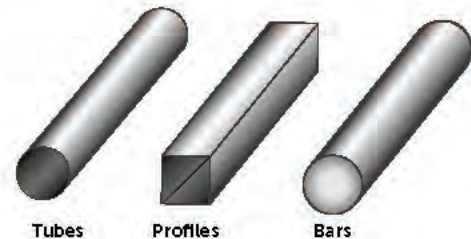
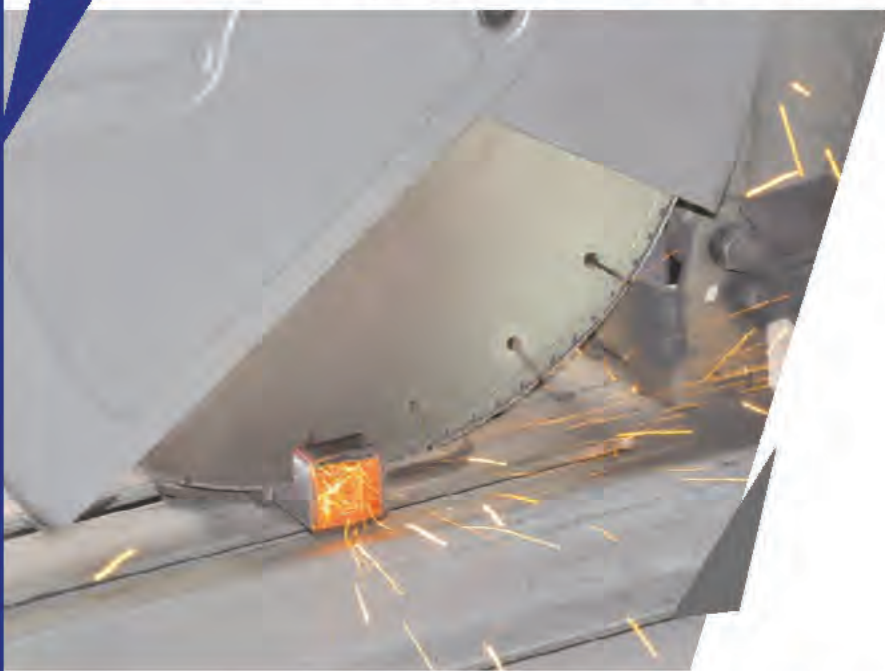
- Segmented blade rim with vacuum welded diamonds.
- New welding technology.

## ► Benefits

- For cutting tubes profiles and bars.
- Renders several times more than a conventional abrasive discs.



	TYPE	Ø	THICKNESS	HOLE	MAX. RPM	SEGMENT HEIGHT	ITEM
		4-1/2"	0.05"		13 200	10 mm	<b>2683</b>
		7"	0.110"	7/8"	8 500	3 mm	<b>2687</b>
		9"	0.110"		6 700	3 mm	<b>2688</b>
		142	0.134"	1"	4 300	3 mm	<b>2691</b>



## ► Features

- Renders several times more than a conventional abrasive discs.
- Safer.

## ► Benefits

- For grinding applications of foundry, ductil iron, carbon and stainless steel, welding seams, nonferrous metals and polymers.

	Ø	HOLE	MAX. RPM	ITEM
GRINDING	7"	7/8"	8 500	<b>2678</b>



# SUPER ABRASIVE TOOLS

**Diameter = D in mm**

- 3" = 75 mm
- 3-3/4" = 95 mm
- 4" = 100 mm
- 5" = 125 mm
- 6" = 150 mm

**Hole = H in mm**

- 1-1/4" = 31.75 mm

**Thickness = T en mm**

- 0.040" = 1 mm
- 0.240" = 6 mm
- 1/4" = 6 mm
- 0.400" = 10 mm
- 3/8" = 10 mm
- 0.480" = 12 mm
- 1/2" = 12 mm
- 0.600" = 15 mm
- 3/4" = 20 mm
- 1" = 25 mm
- 1-1/2" = 38 mm
- 1-3/4" = 45 mm

**Adicionals**

**X**

- 3/32" = 2.4 mm
- 1/8" = 3.2 mm
- 5/32" = 4 mm
- 0.240" = 6 mm
- 3/8" = 9.5 mm
- 0.400" = 10 mm

**U**

- 0.040" = 1 mm
- 1/16" = 1.6 mm
- 1/8" = 3.2 mm
- 0.240" = 6 mm
- 3/8" = 9.5 mm
- 0.400" = 10 mm
- 0.480" = 12 mm
- 0.600" = 15 mm

**W**

- 1/16" = 1.6 mm
- 1/8" = 3.2 mm
- 1/4" = 6.4 mm
- 3/8" = 9.5 mm

**T**

- 1/4" = 6.4 mm
- 1/2" = 12.7 mm

TYPE	CNC MACHING	SAW SHARPENING	BIT SHARPENING	GRINDING FLAT SURFACES	EXTERNAL CYLINDRICAL GRINDING	CUTTING	SLOTTED
<b>1A1</b>	●		●	●	●		
<b>1A1R</b>						●	
<b>3A1R</b>						●	●
<b>4A2</b>		●					
<b>11A2</b>			●				
<b>11V9</b>	●		●				
<b>12A2</b>		●					
<b>14A1</b>			●			●	●
<b>15V9</b>			●				
<b>1V1-45°</b>	●						

## Available Lines

**ORO (High Performance)**

- For users looking for longer wheel life and greater savings:

**EASYCUT. chip-cut®**

- Affordable price

## AUSTROMEX® Super abrasive Wheel Specification

ABRASIVE	GRAIN SIZE		HARDNESS	FOUNDRESS CONCENTRATION	SUPPORTIN BODY MATERIAL	BOND	INTERNAL CODE	ID	QUALITY		
D DIAMOND	16-30	Coarse	Soft	High			Internal Code	D	01 Orange	Performance	
	36-70	Medium	H	250	K Alubak	B Resin			02 Green	PPremium	
	80-150	Fine	J	150	L Aluminum	V Vitrified			03 White	★ ★ ★	
	180-280	Very fine	N	125	C Steel	P Electroplated			04 Yellow	I Industrial	
	320-1200	Extra fine	R	100	N	M Metallic			05 Red	★ ★	
B CBN			S	75	U Steel	S Vacuum Brazed			06 Blue		
			T	50	A				09 Purple	R Professional	
			U	25	S No body					★	
				10	O Steel				B	02 Orange	
			Hard	Low	R Conventional Abrasive						

# Diamond

## Abrasive's Features

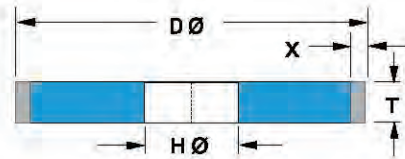
- Metallic nickel coated identifying codes:  
Diamond (01, 02, 03, 06, 07, 09) CBN (02, 06, 08)
- With copper metal coating identifying codes:  
Diamond (05)

## Benefits

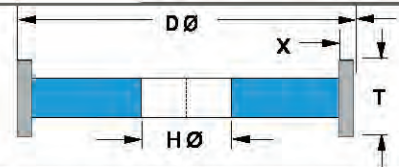
- **BX8** (General Purpose bond for heavy duty operation).
- **B51** (General Purpose bond for light duty operation).

D	Diameter
H	Hole
T	Thickness
U, X y W	Abrasive section

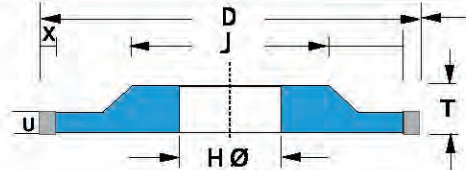
### 1A1



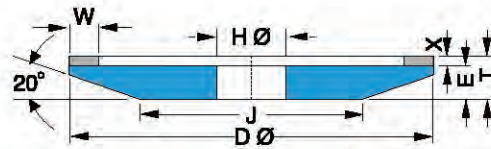
### 1A1R



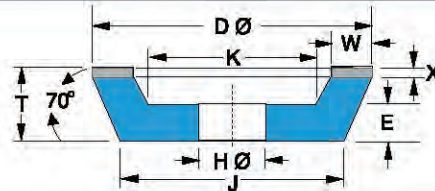
### 3A1R



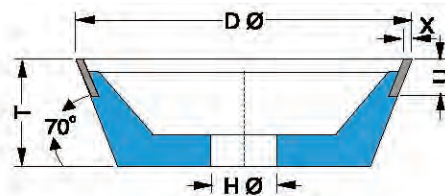
### 4A2



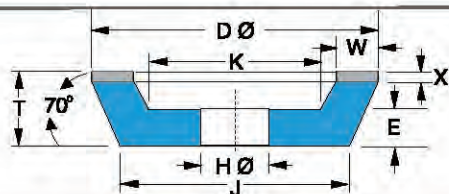
### 11A2



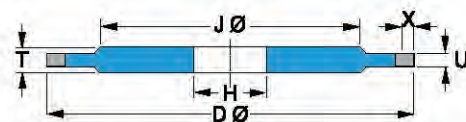
### 11V9



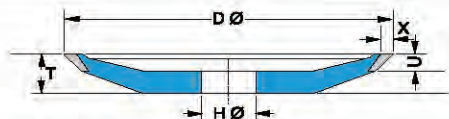
### 12A2



### 14A1



### 15V9



SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	T	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
Gold								
6"	1/4"	1-1/4"	1/4"	1/8"	D140R100KBX8D01P	100	6366	297
<b>chip-cut®</b>								
6"	1/4"	1-1/4"	1/4"	1/8"	D140R75KBX8ND6I	75	6366	296
<b>EASY-CUT®</b>								
6"	1/4"	1-1/4"	1/4"	1/8"	D140R50KBX8C06R	50	6366	2151
			1/2"	1/8"				2152
								B120R75LBAMI02L

<b>chip-cut®</b>								
4"	0.040"	1-1/4"	0.035"	5/32"	D100R100B	100	9549	310
6"		1-1/4"	0.035"	5/32"			6366	311

SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	U		SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
<b>chip-cut®</b>								
4"	1/4"	1-1/4"	0.040"	1/8"	D100R100C3X8N05I	100	9549	308
6"			0.040"	1/8"			6366	309

SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	W	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
<b>chip-cut®</b>								
5"	3/8"	1-1/4"	1/8"	3/32"	D230R75KBX8N06I	75	7639	307
<b>EASY-CUT®</b>								
5"	3/8"	1-1/4"	1/8"	1/8"	D230R50KBX8C06R	50	7639	2154

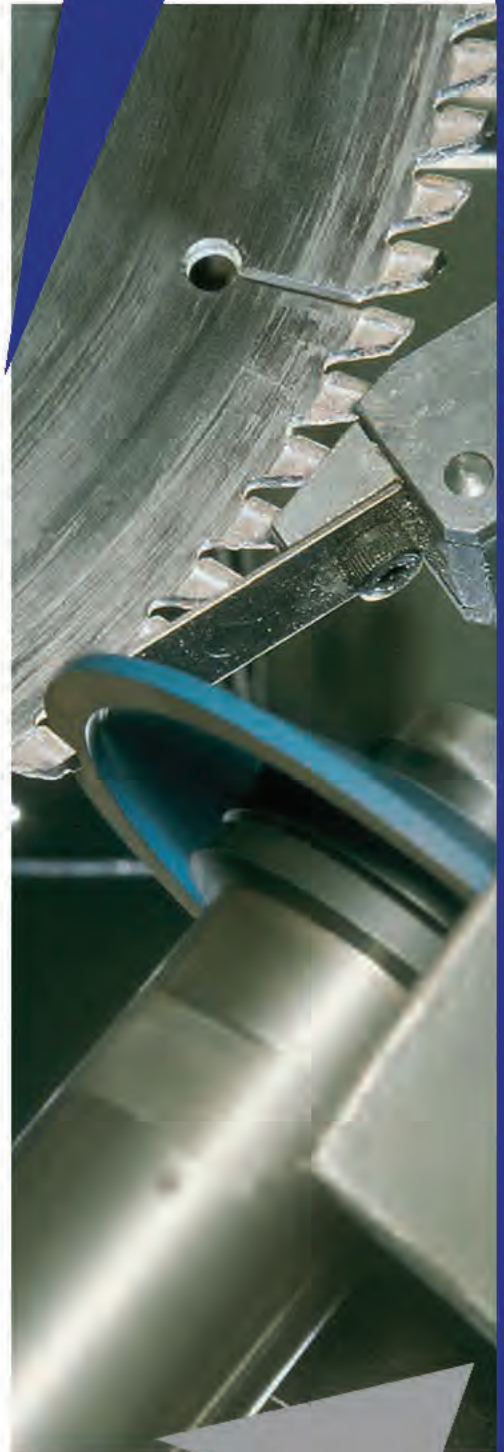
SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	W	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
Gold								
4"	1-1/2"	1-1/4"	1/4"	1/8"	D120R100KBX8D06P	100	9549	1492

SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	U	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
Gold								
3-3/4"	1-1/2"	1-1/4"	3/8"	1/8"	B120R75LBAMI02I	75		303
					B120R75LBAMD02P		10052	301
					D140R100KBX8D05P	100		304
5"	1-3/4"					7639		305
<b>chip-cut®</b>								
3-3/4"	1-1/2"	1-1/4"	3/8"	1/8"	D140R75KBX8N05I	75	10052	298
<b>EASY-CUT®</b>								
3-3/4"	1-1/2"	1-1/4"	3/8"	1/8"	D140RT70KBX0C05R	70	10052	2150

Gold								
6"	1"	1-1/4"	3/8"	1/8"	D120R100KBX8D06P	100	6366	590
<b>EASY-CUT®</b>								
6"	1"	1-1/4"	3/8"	1/8"	D120R50KBX8C06R	50	6366	2153

SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	U	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
Gold								
6"	1/4"	1-1/4"	1/16"	1/8"	D120R100CBX8D06P	100	6366	1414

SUPER ABRASIVE SECTION								
Ø	THICKNESS	HOLE	U	X	SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
Gold								
6"	3/4"	1-1/4"	1/8"	1/8"	D170R75KBX8D06P	75	6366	1415



# Diamond Wheels

## Hybrid Bond

### Features

- Ideal for tungsten carbide tool manufacturing.
- For "fluting" operations – 1A1.
- For "gashing" operations – 1V1-45
- Minimum number of adjustments.

### Benefits

- High wear-resistance.
- Excellent grinding ability.
- Lifetime increased.
- Production cost reduced.
- Fast manufacturing.
- Machine load reduced.



TYPE	Ø	THICKNESS	HOLE	SUPER ABRASIVE SECTION		SPECIFICATION	CONCENTRATION	MAX. RPM	ITEM
				T	X				
<b>1A1</b>	5"	1/2"	1-1/4"	1/2"	1-1/4"	D64C100CHS61P	100	7 639	<b>288</b>
<b>1V1-45°</b>									<b>289</b>



## Dressing Sticks

For Diamond and CBN Wheels



Item **482**  
8" x 1" x 1"  
-89A220-

# Diamond Wheels



CNC equipment

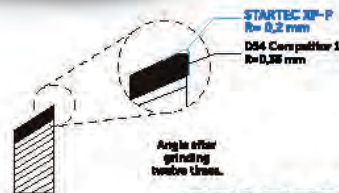
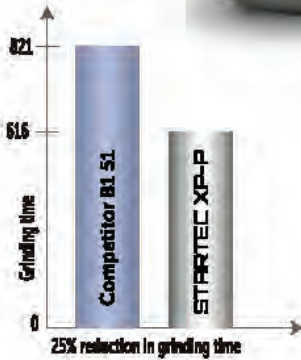


## Features

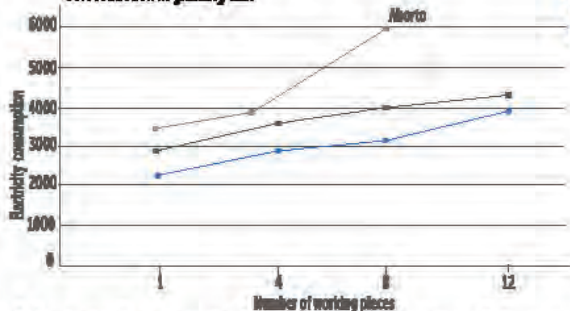
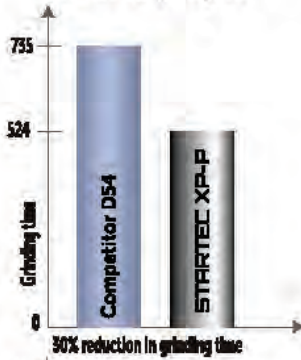
- Specification: D54-3MXPP
- High quality bond.
- Manufactured with Startec XP-P Technology.

## Benefits

- High stock removal.
- High feed rate.
- Decreases 30% power for desirable cuts.
- Decreases 20% time of grinding cycles.
- For the manufacture of high demand cutting tools.



## STARTEC XP-P



TYPE	Ø	THICKNESS	HOLE	SUPER ABRASIVE SECTION		SPECIFICATION	ITEM
				U	X		
1A1 Fluting	3"	0.4"	1-1/4"	10	6	D54-3MXPP	5040
	4"	0.4"		10	6		5041
		1/2"		12	6		5042
	5"	0.24"		6	6		5043
		0.4"		10	6		5044
		0.48"		12	6		5045
		0.48"		12	10		5046
1V1-45° Gashing	3"	0.4"	1-1/4"	6	6	D54-3MXPP	5047
	4"	0.4"		10	10		5050
		1/2"		12	10		5051
	5"	0.24"		6	10		5052
		0.4"		10	10		5053
		0.48"		10	10		5054
		0.6"		15	10		5055

# Number of working pieces



## Features

- Manufactured with Premium white aluminum oxide.

## Benefits

- For dressing and re-profiling of Startec wheels.
- Achieves a perfect sharpening of the grinding wheel.



### Tech - tip

1. Soak the stick in coolant.
2. Use in the same rotational direction and cut speed as if grinding.
3. Feed the stick radially towards the spinning of the wheel. It is recommended to use the stick with a support.

DIMENSIONS	SPECIFICATION	ITEM
4" x 1" x 1/2"	89A240H5AV83	4286
8" x 1" x 1/2"		4287

# Diamond Grit Dressers



### DG3 Item 1439

- For dressing in operations of external cylindrical grinding of flat surfaces.
- Ideal for wheels between 350 and 500 mm of diameter.
- For vitrified or resinous aluminum oxide wheels.

### DT1A Item 1435

- For wheel dressing in cylindrical and flat surface grinding operations.
- For wheels above 500 m of diameter.
- Homogeneous diamond distribution that guarantees a consistant performance.
- Recommended for vitrified or resinous aluminum oxide and ceramic wheel dressing.

### DT2RK Item 1436

- For wheel dressing in cylindrical and flat surfaces grinding operations.
- Ideal for wheels of 450 mm of diameter and even bigger.
- Higher dressing speed and larger dressing cycles to enhance productivity.

### CONICAL CVD Item 1437

- CVD Manufacturing process that creates diamond crystals from a chemical vapor.
- For profiling and straight dressing of grinding wheels.
- No grain structure and orientation issues.
- 90° angle.
- 0.008 Radius.

## Diamond Dressing Tools

### Single Point

#### ► Features

- Three diamond sizes for any conventional dressing applications.
- Manufactured with selected industrial diamonds.

#### ► Benefits

- Best choice for profiling and straight dressing of al conventional grinding wheels.

#### ► Use for

- Straight dressing, wheels type 1, 5 and 7.

Ø	LENGHT	CARATS	ITEM
		0.25	960
7/16"	1-5/8"	0.5	962
		1.65	964



## Diamond Dressing Tools Multi-point

### ► Features

- Manufactured with 7 selected diamonds.



Ø	LENGHT	CARATS	ITEM
7/16"	1-1/2"	1.65	1445

### ► Benefits

- Allows a faster dressing.
- Extremely versatile.

### ► Uses for

- Can be used on cylindrical, centerless and surfac grinders for straight dressing applications.

## Diamond Compound

### ► Features

- Excellent for polishing natural stones, semiprecious, cemented carbides, hard metals, bronze and brass.
- High diamond concentration.
- Water base.

### ► Benefits

- Provide super precise finishes in molding and plastic extrusion matrices, high precision metallurgical parts, metal lapping and optical components.

### ► Use for

- Steel
- Tungsten carbide
- Plastic
- Stone
- Semiprecious stones
- Non-ferrous metals



### ○ WHITE

For precise finishing in tungsten carbide matrices. Optical and metallurgical finishing.

### ● GREEN / YELLOW

Lapping of dies and tungsten carbide moulds.

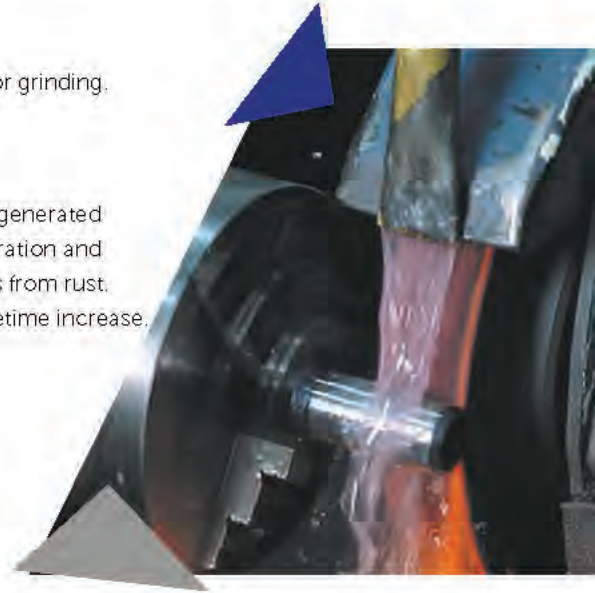
### ● BLUE / RED & BROWN

For preparation and semi-finishing of tungsten carbide and non ferrous matrices.

CONCENTRATION	WEIGHT "G"	MICRON SIZE	COLOR	ITEM
HIGH	5g	1	WHITE	1422
		3	YELLOW	306
		9	GREEN	1424
		15	BLUE	1425
		30	RED	1426
		45	BROWN	1427



- ▶ **Features**
  - Exclusive formula for grinding.
- ▶ **Benefits**
  - Decreases the heat generated during grinding operation and protects workpieces from rust.
  - Significant wheel lifetime increase.
- ▶ **Use for**
  - Abrasive wheels



PRESENTATION	DESCRIPTION	CONTENT Liters	ITEM
CANISTER	Coolant liquid	5	690
		20	691

### ABRALUB KSV (Coolant Liquid)

- Increases wheel life.
- Decreases and dissipates the heat generated during grinding time and protects worked pieces from rust.
- Biodegradable.
- Use it in concentrations of 2.5% to 3% in water.
- Does not foam.

### ABRACLEAN (Cleaner)

- Cleans the coolant circulation system.
- Recommended when changing coolant.
- Mix it with used coolant in a 2% to 5% proportion and let it work for a least 8 hours at normal working conditions.
- Empty the deposit, clean the system with water and full it again with new coolant.

### ANTI-FOAMING

- For applications in which a lot of foam is produced.
- Add up to 100 ml per 100 liters of system capacity.

### ANTIOXIDANT

- For applications in which the parts get easily oxidized.
- Add up to 1.5 liters per 100 liters of system capacity.

### BACTERICIDE

- If under normal conditions, the solution emanates disgusting smells, add up to 50 ml per 100 liters of system capacity.

### STICK ABRALUB III

- Increases wheel life.
- Decreases the heat produced during cutting and grinding.
- Apply a small coat on the working side of the wheel.

#### KSV

PRESENTATION	CONTENT Liters	ITEM
TAMBO	200	6347

#### STICK ABRALUB III

PRESENTATION	CONTENT grams	ITEM
APPLICATOR	65	6436

#### ABRACLEAN

PRESENTATION	CONTENT Liters	ITEM
CANISTER	5	7990
	20	13963

#### ANTI-FOAMING

PRESENTATION	CONTENT Liters	ITEM
CANISTER	1	18827
	5	18828
	20	18829

#### ANTIOXIDANT

PRESENTATION	CONTENT Liters	ITEM
CANISTER	5	8953
	20	18826

#### BACTERICIDE

PRESENTATION	CONTENT Liters	ITEM
CANISTER	5	13480
	20	18824



## Bench Diamond File Sharpening System



### Features

- High quality electroplated diamond coating.
- Double sided face diamond bench stone.
- Includes plastic base with double suction pad.
- Grit size 400/1000.

### Benefits

- Ideal for sharpening most knives and cutting tools.
- Replacement: item 1187.

DIMENSIONS	ITEM
13" x 22-19/32" x 1-1/2"	1180

## Double-sided Diamond Bench stone

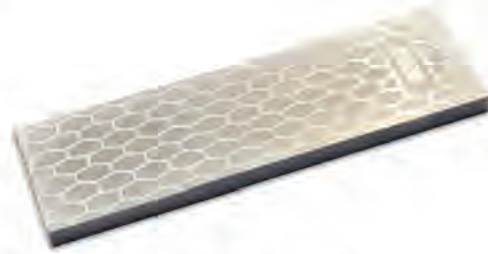


### Features

- Double sided electroplated diamond grit size 400 / 1000.

### Benefits

- High precision sharpening surfaces.
- Sharpens knives, razors, scalpels, chisels, etc.
- Can be used dry or wet only a few drops of water are enough.



DIMENSIONS	ITEM
7" x 2-3/8" x 5/16"	1187

## Diamond File



### Feature

- For sanding and grinding metal, ceramic plastic and fiberglass surfaces.

DIMENSIONS	GRIT	ITEM
4" x 1" x 5/32"	100	1183
	200	1184
	400	1185

## Tapered Cone Diamond Sharpener

### Features

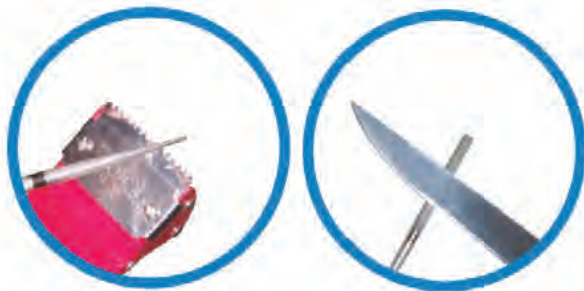
- Practic and ergonomic.
- Rod stores in handle.

### Benefits

- Sharpening of saw teeth, hooks, scissors, fiberglass, plastic and glass.
- Ideal for flat and toothed.
- Sharpens serrations, curved and edge knives.



Hand Use



#### DIMENSIONS

1/2"x7"

#### ITEM

1181

## Kitchen Knife Sharpener

**TENAZIT.**



Hand Use

### Features

- Two steps, coarse and fine sharpening design.
- ABS plastic base with stainless steel cover.
- The high quality diamond wheel design convenient to sharpen back and front.
- The silicone anti-slip pad prevents the kife sharpener from moving when being used.

### Benefits

- Sharpening of knives.



#### CLAVE

1179



- \* Do not add water or any liquid when sharpening.



# WIRE BRUSHES

ESMERILADORA  
No. 0 601 388 5G1  
127 V - 50/60 Hz III  
5,8 A - 720 W  
9 300/ min  
W518-M14  
W518-M14  
W518-M14

W518-M14 RPM 2000  
solo sus 1095  
TENAZIT® 974

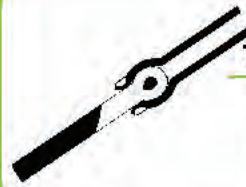
# Technical Information

## Wire Types



### TWIST KNOT WIRE

For heavy duty cleaning.



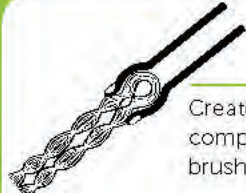
### THIN TWIST KNOT WIRE

For Narrow beveling.



### CRIMPED WIRE

Provides continuous and fine brushing.



### CABLE CRIMPED WIRE

Creates a 50% longer lasting brush compared to common crimped brushes.

## Wire size

Wire size plays an important role in the surface finish. The thicker the wire, the coarser the finishing. On the other hand, the finer the wire the softer the finishing.

## Brush Types



### CRIMPED WIRE BRUSHES

The most flexible brush for surface cleaning and light-duty polishing applications, controlled and continuous removal action.



### TWIST KNOT WIRE BRUSHES

More aggressive, for heavy duty cleaning of welding residue, paint and corrosion.



### STRINGER BEAD KNOT WIRE WHEEL

Ideal para limpiar soldadura, en especial biselados delgados, muy útil en la operación de fondeo de la industria petrolera. Su acción de limpieza es mucho más agresiva.



### PLASTIFIED WIRE WHEEL

Higher performance due to plastified wire breakage reduction, compared to uncoated wires. Great comfort and safety, avoiding possible punctures.



### NON SPARKING WIRE BRUSH

For application in Potentially Explosive Environments..

## Features

- Manufactured in accordance with the highest quality standards and especially engineered for industrial purposes.
- Great for light deburring, rust cleaning and finishing.

## Available Lines

**MAGMA** **KREATOR** **EASY-CUT**



# Machine Selection

ICON	MACHINE	CRIMPED WIRE	TWIST KNOT	CUP CRIMPED WIRE	CUP TWIST KNOT	CRIMPED WIRE WITH SHANK	TWIST KNOT WITH SHANK	ENCAPSULATED	CYLINDRICAL	MINIATURE
	Angle Grinder	●	●	●	●			●		
	Straight Grinder	●	●					●		
	Straight Die Grinder					●	●			●
	Drill					●	●		●	
	Angle Grinder			●	●					
	Bench Grinder	●	●					●		
	Bench Drill					●	●			
	CNC Machine	●	●	●	●	●	●	●	●	

## Hole

- MR= Multi-Thread. For indistinct use on machines with standard 5/8"-11 or M14-2 threaded shaft.
- ME= Multi-Hole. Plastic adapters for mounting brushes in different shafts.



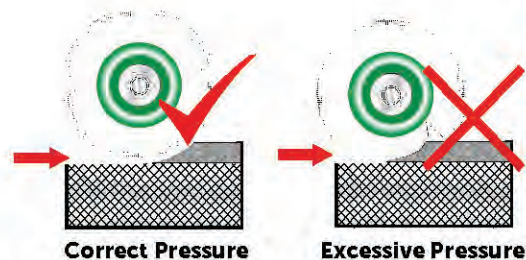
## Safety Measures

### Avoid excessive pressure when using a power brush.

Excessive pressure causes over bending of the filaments and heat buildup resulting in filament breakage, rapid dulling and reduced brush life. Instead of greater pressure on a brush, it is suggested that you try:

- 1) A brush with a more aggressive cutting action (increased wire size, decreased filament length or change to a different brush type, for example a knot type instead of crimped wire type)
- 2) Higher speed (increase R.P.M. and/or increased brush diameter) without exceeding the recommended MAXIMUM PERMISSIBLE SPEED R.P.M. marked on the brush.

### Only the tips of the wires do the job!



## Peripheral Speed

The peripheral speed, at which the brush rotates, depends on the RPM of the machine and the diameter of the brush. Working at a proper peripheral speed guarantees optimum brush performance i.e. desired removal with minimum brush wear. At an excessive speed the brush filament doesn't remove, rather it deforms and tends to sweep the working area. If the speed is insufficient, the collision between the filament and the material to be brushed will be too weak to obtain the expected removal.

# Metric Equivalents

Diameter		Hole		Wire Length		Wire Thickness	
Ø	mm	H	mm	L	mm	W	mm
1/8"	3.2	1/2"	12.7	1/2"	13	0.004"	0.100
5/32"	4.2	5/8"	15.88	11/16"	18	0.006"	0.152
13/64"	5	3/4"	19.1	3/4"	20	0.008"	0.200
7/32"	5.5	7/8"	22.23	7/8"	22	0.009"	0.230
1/4"	6.4	1"	25.4	1"	25	0.010"	0.250
5/16"	8	2"	50.8	1-1/8"	28	0.012"	0.300
3/8"	10	Thickness		1-3/16"	30	0.014"	0.356
1/2"	12.7	T	mm	1-1/4"	32	0.016"	0.406
5/8"	16	1/4"	6	1-3/8"	35	0.020"	0.508
3/4"	19	5/16"	8	1-1/2"	38	0.024"	0.600
7/8"	22	3/8"	10	1-5/8"	41	0.030"	0.800
1"	25	1/2"	13				
1-1/8"	28	7/8"	22.2				
1-3/16"	30	1"	25				
1-5/8"	40	Shank					
2"	50	S	mm				
2-1/2"	65	1/8"	3.2				
2-3/4"	70	1/4"	6.4				
3"	75	3/8"	9.5				
4"	100						
4-1/2"	115						
4-3/4"	120						
5"	125						
6"	150						
7"	180						
8"	200						
12"	300						



## WARNING

Under normal brushing conditions, removed material such as burrs, dirt, welding slag or other residues will fly off from the brush with a considerable force along with the brush filaments, which can break off due to fatigue.

The potential of serious injury exists for both the brush operator and others in the work area (possibly 15 or more meters from the brush). To protect against this hazard, before rotating the brush, during rotation, and until rotation stops, operators and others in the area must wear **SAFETY GOGGLES** along with **PROTECTIVE CLOTHING**.

## Brushes vs. Abrasive Wheels

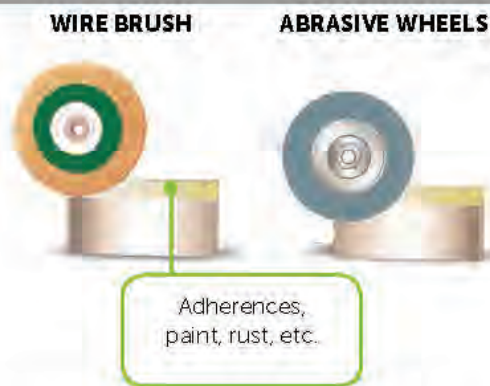
The effect of the brush filaments is a wear and tear caused by the multitude of small blades that give off oxide particles, paint, various adhesions, etc.

Unlike abrasive tools, wire brushes do not generate abrasion i.e. they don't burn the worked surface but they tear off particles adhered to the base without any harm.

Another advantage of the brushes is that unlike solid abrasives, they adapt to uneven surfaces thanks to the flexibility of the wire.

### Some other recommendations

- Stainless steel brushes often are used on stainless steel and aluminum and other non-ferrous metals to eliminate the danger of "after-rust" appearing on the work surface. Brushing with carbon steel wire products can contaminate the stainless steel and cause rust spots to appear.
- Once you use a stainless steel brush on carbon steel, do not use it on stainless steel because after-rust can occur.
- To prevent contamination, store all stainless brushes away from areas where steel particles might come in contact with the brushes, such as steel worktables.
- Stainless steel wire brushes should preferably be stored in a plastic bag to prevent contamination.
- After brushing it is highly recommendable to treat the worked surface with a 10-20% nitric acid solution to prevent "after rust".
- handle wire brushes are very heat resistant so they do not deform when brushing hot surfaces.



# Standard Twist

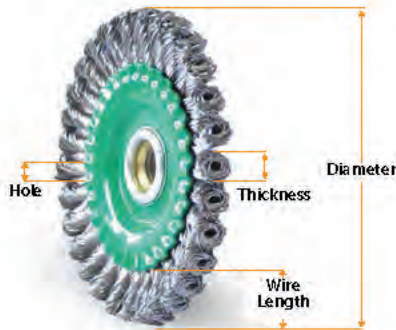







## Features

- Manufactured with high break resistant wire.
- MR = Multi-Thread

## Benefits

- Excellent for heavy duty jobs with quick and firm cutting action.
- Quickly removes welding- paint and rusts remnants.



TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
<b>MAGMA</b>									
	4"	0.014"	MR	24	3/8"	7/8"	20 000	1	975
		0.020"		24	3/8"	7/8"			1575
6"	0.014"	26		1/2"	1-1/4"	9 000	1	978	
	0.020"	24		1/2"	1-3/8"			1578	
<b>CARA DELGADA (Industria Petrolera)</b>									
	4"	0.020"	MR	28	5/16"	3/4"	20 000	5	984
	7"			76	1/4"	1-1/4"			12 500
				76	1/4"	1-3/16"	12 500	1	1585
			76	1/4"	1-1/4"			1	2823
<b>KREATOR</b>									
	4"	0.020"	MR	18	3/8"	7/8"	14 000	1	2867
	6"			24	1/2"	1-3/8"			8 500
<b>EASYCUT.</b>									
	4"	0.014"	MR	18	3/8"	7/8"	12 500	1	2885
				18	3/8"	7/8"			2895
	6"	0.020"		24	1/2"	1-1/4"	8 500	1	2878
				24	1/2"	1-1/4"			2879
<b>CARA DELGADA (Industria Petrolera)</b>									
	4"	0.020"	MR	30	1/4"	1-3/16"	12 500	1	2824
	7"			56		1-3/16"	9 000		2894

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.



Knot Wheel Brushes

# Left - Right knotted MAGMA



## Features

- Left-right knotting design.
- Manufactured with high break resistant wire.

## Benefits

- For heavy brushing operations.
- Ideal for the treatment of edges.



Angle  
Grinder



### TECH- Tip

Wheel knots open less therefore it's ideal for the treatment of edges.



Left-right knotting  
design

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
	4-1/2"	0.020"	MR	20	1/2"	7/8"	12 500	1	1103

# Knot Wheel Double Row MAGMA



## Features

- Double row of knotted wire homogenous and tight knotting.
- Manufactured with high break resistant wire.

## Benefits

- High removal power.
- Excellent for aggressive brushing.
- Quickly removes rust, husk, paint and rubber.



Bench  
Grinder

Double row of knotted wire



### TECH- Tip

Reverse periodically the direction of rotation to take advantage of the selfsharpening action resulted from constant brushing.

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
	6"	0.020"	7/8"	28 x 2	1"	1-3/16"	12 500	1	2826

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.



# Brush For Grass Trimmers

## MAGMA



### Features

- Special conical design.
- Manufactured with break resistant wire.
- Designated to easily remove weeds from sidewalks or curbs.

### Benefits

- Maximum removal power.
- Removes fast and effectively.
- Eco-friendly.

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM	ITEM
	7"	0.020"	1"	32	1/2"	1-1/2"	7 000	1 2841



### TECH - Tip

Use a machine with 1.6 HO or more.

### Usos

- Weed removal on concrete surfaces (sidewalks, streets and cobblestones).
- Dirt cleaning on concrete floors.
- Gravel removal from road sizes.

# Knot Bevel Brush

## MAGMA



### Features

- Bevel design similar to that acquired by a cup brush when rotating.
- 5/8"-11 / M14-2 threaded center hole.

### Benefits

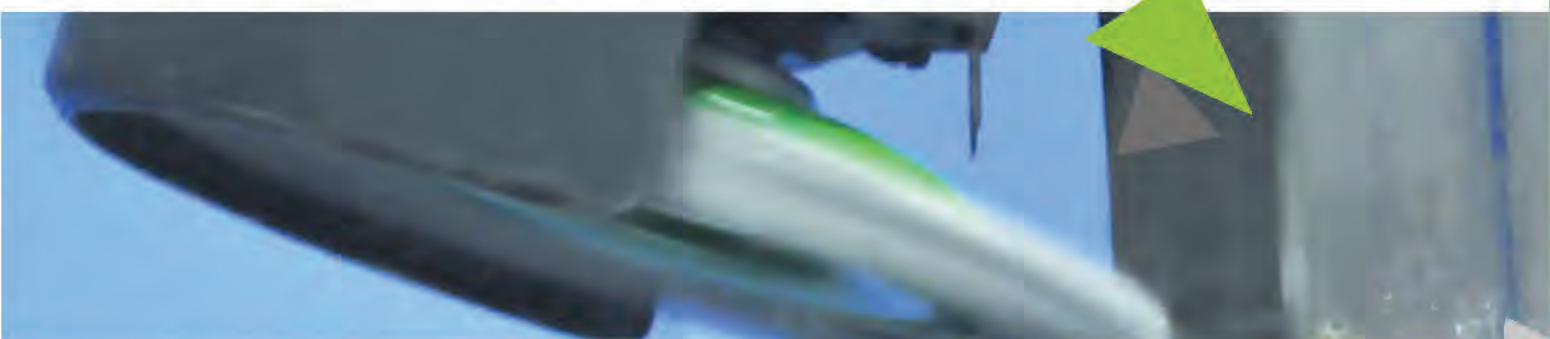
- Greater rigidity.
- Faster cleaning.
- Designed for hard reachable spaces.



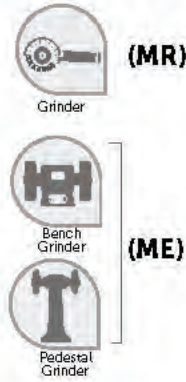
TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	MAX. RPM	ITEM
	4-1/2"	0.020"	MR	30	15 000	1 2850



MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.



# Crimped Wire



## Features

- Manufactured in accordance with the highest quality standards.
- Brass steel wire has greater resistance to fatigue.

## Benefits

- Highly flexible heavy wire fill for continuous cutting with excellent finishes, metal cleaning and rust removal.

### MAGMA (MR)

TYPE	WIRE THICKNESS	HOLE THICKNESS	WIRE LENGTH	MAX. RPM	ITEM
------	----------------	----------------	-------------	----------	------

Steel (Blister)	4-1/2"	0.012"	MR	1/2"	7/8"	13 000	1	989
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Steel (Corded)	6"	0.014"	MR	7/8"	1-3/16"	7 000	1	2851
----------------	----	--------	----	------	---------	-------	---	------

### KREATOR

Brassed Steel	4-1/2"	0.012"	MR	7/8"	7/8"	13 000	1	966
---------------	--------	--------	----	------	------	--------	---	-----

### MAGMA (ME)

TYPE	WIRE THICKNESS	HOLE THICKNESS	WIRE LENGTH	MAX. RPM	ITEM
------	----------------	----------------	-------------	----------	------

Steel	6"	0.014"	ME	7/8"	1-1/8"	6 500	1	986
	8"	0.014"		1"	1-5/8"	4 800	1	981

Brassed Steel (Blister)	4"	0.012"	ME	1/2"	7/8"	6 500	1	2861
-------------------------	----	--------	----	------	------	-------	---	------

### KREATOR

Brassed Steel	6"	0.012"	ME	7/8"	1-1/8"	6 000	1	2864
---------------	----	--------	----	------	--------	-------	---	------

Steel	8"	0.012"	ME	7/8"	1-5/8"	4 500	1	2844
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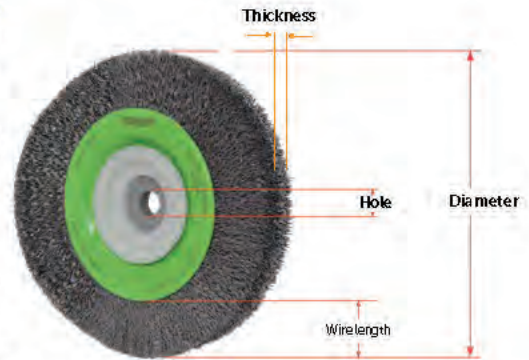
### MAGMA (5/8" to 2")

TYPE	WIRE THICKNESS	HOLE THICKNESS	WIRE LENGTH	MAX. RPM	ITEM
------	----------------	----------------	-------------	----------	------

Steel	12"	0.12"	2"	1"	1-5/8"	3 000	1	2821
-------	-----	-------	----	----	--------	-------	---	------

### EASYCUT.

Steel	6"	0.014"	5/8" a 1/2"	1"	1-1/8"	6 000	1	2882
	8"		5/8"		1-5/8"	4 500	1	2896



### TECH - Tip

Steel wire provides greater performance and fine finishing on surfaces of aluminum, copper and brass.

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.

ME= (Multi-Hole) For mounting brushes on different shafts.

# Knot Cup Brushes

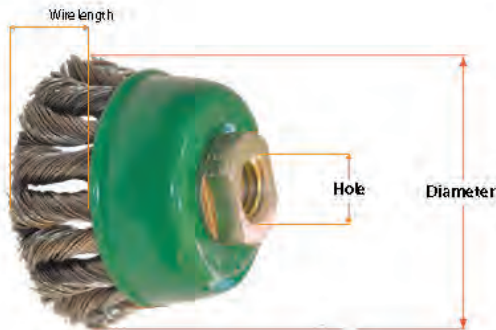


## Features

- Made with high break resistant wire.

## Benefits

- Knotted wire provides heavy-duty brushing action ideal for demanding cleaning applications.
- Weld cleaning and paint removing.
- Item 2893 provided with extra thick wire for heavy cleaning jobs.



TYPE	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM	ITEM		
<b>MAGMA</b> Acero al Carbono								
	3"	0.014"	20	3/4"	12 500	965		
		0.020"	20	3/4"		1565		
	4"	0.014"	MR	26	7/8"	9 000	1 1568	
		0.020"		26	7/8"		968	
		0.030"		22	7/8"		2893	
5"	0.020"		28	1-3/16"	6 500	963		
<b>KREATOR</b> Steel								
	3"	0.014"	5/8"-11H	18	3/4"	12 500	2855	
	4"	0.020"	MR	22	7/8"	8 500	2857	
	5"	0.020"	5/8"-11H	28	1-3/16"	6 500	1 2854	
0.020"		M14-2	2884					
<b>EASYCUT</b> Steel								
	3"	0.014"	5/8"-11H	18	3/4"	12 500	2886	
		0.014"	M14-2				2887	
		0.020"	5/8"-11H				2898	
		0.020"	M14-2				2899	
	4-3/4"	0.020"	5/8"-11H	28	7/8"	6 500	1 2888	
			M14-2				2889	
		5"	0.020"	5/8"-11H	26	1-1/4"	6 500	2843
				M14-2				2842

# Left-Right Knotted

**KREATOR**



### TECH - Tip

Wheel knots open less therefore it's ideal for the treatment of edges.

## Features

- Left-right knotting design.
- Manufactured with high break resistant wire.

## Benefits

- For high volume jobs.
- Greater aggressive brushing action than common brushes.
- Ideal for edges treatment.

TYPE	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM	ITEM	
	2-1/2"	0.020"	MR	18	3/4"	12 500	1 1101

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.  
ME= (Multi-Hole) For mounting brushes on different shafts.

# Crimped Wire Cup Brushes



## Features

- Highly flexible design.
- Item 2566 provided with protective guard.



## Benefits

- Excellent for fine finishing and light deburring.
- Continuous and controlled brushing action.




Grinder

## MAGMA

TYPE	Ø	WIRE THICKNESS	HOLE	WIRE LENGTH	MAX. RPM	ITEM
<b>Cored</b>						
	3"	0.009 x 12"	MR	7/8"	13 000	1 <b>1566</b>
	4"			1-3/16"	8 500	
<b>Brassed Steel</b>						
	3"	0.012"	MR	7/8"	13 000	<b>2847</b>
	4"	0.012"		1-3/16"	8 500	1 <b>2848</b>
	5"	0.020"		1-1/8"	6 500	<b>1572</b>



## KREATOR

TYPE	Ø	WIRE THICKNESS	HOLE	WIRE LENGTH	MAX. RPM	ITEM
<b>Cored</b>						
	3"	0.012"	MR	7/8"	14 000	1 <b>2858</b>
	5"			1-3/16"	6 500	

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.  
ME= (Multi-Hole) For mounting brushes on different shafts.

# Encapsulated



## Features

- Manufactured with the highest quality standards.

## Benefits

- Special for pipelines.
- Ideal for the oil industry.




### Knotted



### Crimped



Grinder

TYPE	Ø	WIRE THICKNESS	HOLE	MAX. RPM	QTY	ITEM
Encapsulated Steel						
	4-1/2"	0.012"	7/8"	13 000	1	2941
		0.020"		15 000	6	2943
7"	0.030"	8 500		1	2852	
	0.020"			10	2944	

# Plastified **MAGMA** Knotted Wire



## Features

- Steel wire with special plastic coat.



## Benefits

- Higher performance compared to uncoated wire
- brushes due to reduced wire breakage rate.
- Prevents punctures.
- Very comfortable.



Grinder

## MAGMA

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM	QTY	ITEM
Cup								
	2-9/16"	0.020"	MR	18	3/42	15 000	1	1562
	4"			26	7/8"	8 500		1564
Wheel								
	4-1/2"	0.020"	MR	24	7/8"	15 000	1	1563



# Knotted Brass Wire MAGMA



- **Features**
  - Manufactured with the highest quality standards.
- **Benefits**
  - Special for pipelines.
  - Ideal for the oil industry.



**Non-Sparking**



## MAGMA

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM		ITEM
Cup								
	2-9/16"	0.016"	MR	18	20 mm	15 000	1	1569
Wheel								
	4"	0.016"	MR	20	18 mm	15 000	1	1571

# Crimped End Brushes MAGMA



- **Features**
  - Made with special technology for high speed.
  - 1/4" shank.
- **Benefits**
  - Ideal for cleaning applications in corners and hard reachable areas.
  - Great for high precision jobs.
  - For fine finishing.

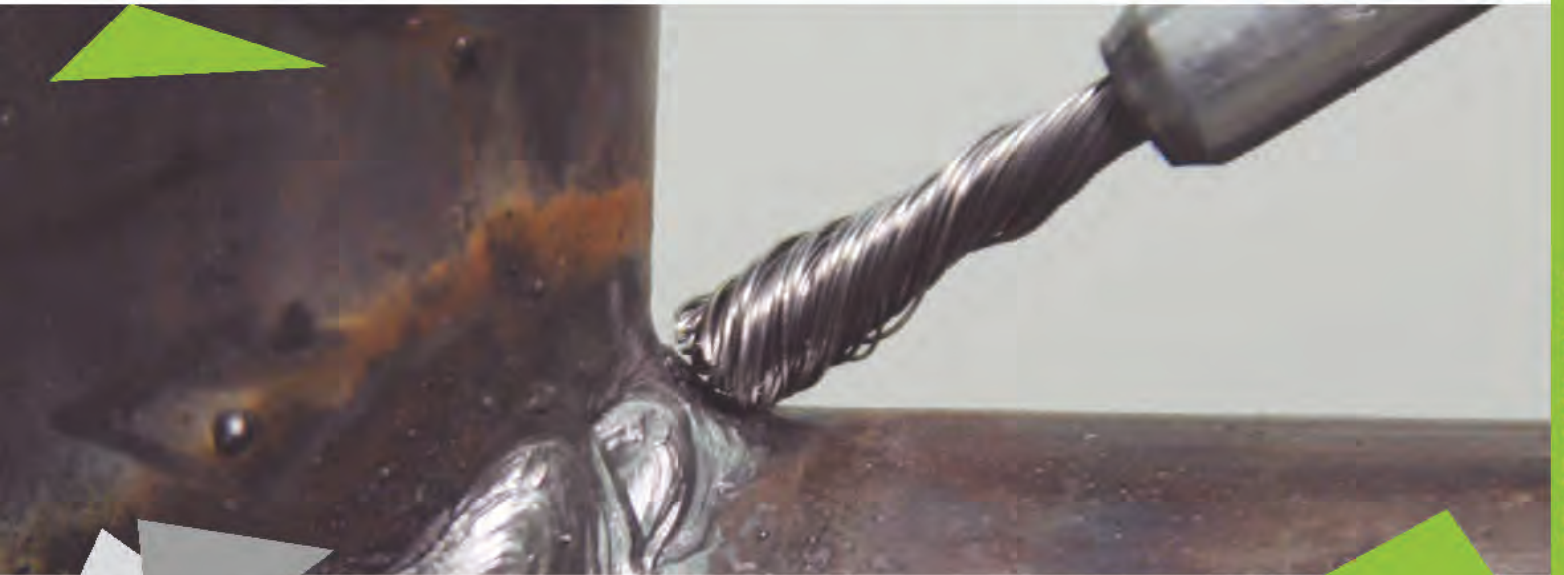


	Ø	WIRE THICKNESS	MAX. RPM		ITEM
Steel					
	1/2"	0.008"	20 000		971
		0.014"	12 000	10	988
Brassed Steel					
	1"	0.015"	22 000	10	990

## KREATOR

	Ø	WIRE THICKNESS	MAX. RPM		ITEM
Brassed Steel					
	1/2"				1170
	3/4"	0.012"	20 000	25	1172
	1"				1174
	1-3/16"				1176

# Knot End Brushes MAGMA

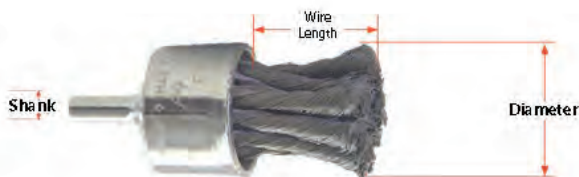


## Features

- Made with tight filling wire.

## Benefits

- High fatigue resistance.
- Excellent finishing.
- Ideal for more demanding molds cleaning applications from plastic, rubber, rust from paint and carbon residues.



Item **987**



Item **983**



Straight  
Grinder

Ø	WIRE THICKNESS	KNOTS	WIRE LENGTH	MAX. RPM		ITEM
<b>Steel</b>						
3/8"	0.014"	1	25 mm	4 500	10	<b>983</b>
7/8"	0.014"	9		22 000	1	<b>987</b>
1-1/8"	0.014"	12	28 mm	20 000	10	<b>2883</b>
	0.020"					<b>2853</b>
<b>Brassed Steel</b>						
3/4"	0.250 mm	6	25 mm	20 000	10	<b>2822</b>



Item **2822**



### TECH- Tip

**Item 983.** For rotary speeds below 4500 RPM, the brush holds perfectly aligned to its stem. Higher speeds may bend the brush.

# Wheel Brushes



## Features

- Manufactured with tight filling wire.
- 1/4" shank.

## Benefits

- Professional use.
- Excellent for weld and rubber cleaning.
- High working speed.



Straight  
Grinder



## MAGMA

	WIRE THICKNESS	MAX. RPM		ITEM
<b>Knotted</b>				
3"	0.014"	25 000	5	995
<b>Crimped</b>				
1-1/8"	0.020"			2193
2"	0.020"	20 000	10	2194
	0.030"			19454
2-3/4"	0.030"			994

# Brassed Steel



## Features

- Perfectly balanced for extra safety.
- 1/4" shank.

## Benefits

- Excellent for DIY job.



Drill



## EASYCUT.

	WIRE THICKNESS	MAX. RPM		ITEM
<b>Wheel</b>				
2"	0.012"	4 500	20	2838
			1	2862
				2863
<b>Cup</b>				
2"	0.012"	4 500	1	2849
3"				2860



## For Cylindrical Body External Cleaning

**XBRUSH**  
**TENAZIT.**



### Features

- Suitable for drill or straight grinder.
- Made with high quality steel wire.

### Benefits

- Provides high performance brushing action to remove rust, dirt, scales, paint and varnish in any kind of cylindrical parts such as tubes, bars and columns.



EXTERNAL	INTERIOR	WIRE THICKNESS	SHANK	MAX. RPM	ITEM
1-5/8"	2-7/32"	0.1"	3/8"	12 500	895

## Miniature End Brushes

**KREATOR**



### Features

- Suitable for straight grinder.
- 1/8" shank.

### Benefits

- For light cleaning, deburring and polishing of small surfaces of workpieces.
- Excellent for mold finishing and precision jobs.



WIRE THICKNESS	SHANK	MAX. RPM	ITEM
Steel			
13/64"		5 000	2381
5/8"	0.004"	15 000	2382
3/4"		12 000	2383

## Satin Brush

**KREATOR**



### Features

- Suitable for variable speed grinder polisher.

### Benefits

- The perfect tool for satining, polishing, smoothing, matting and structuring.

WIRE THICKNESS	HOLE THICKNESS	MAX. RPM	ITEM			
4"	0.008"	3/4"	2-3/4"	6 000	1	2840

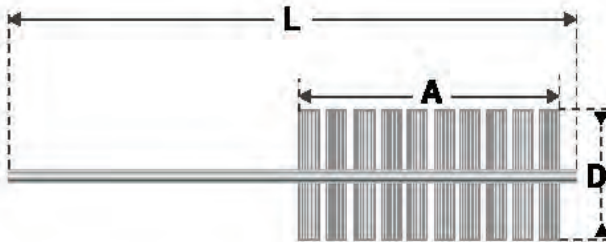
# Interior Brushes

## MAGMA



### Features

- Cylindrical.
- Microabrasive steel and polyamide wire.



### Microabrasive

- For deburring bores, cross bores, o-ring recesses and for polishing and cleaning small bores.
- Only use the brush with the indicated maximum peripheral spread.
- The maximum RPM only is allowed when the brush is clamped min. for 10 mm into the tool.

### Polyamide

- For manual cleaning of tubes, bores, etc.

### Steel

- Are used as thread brushes for descaling, deburring or cleaning:
  - Cross corners
  - Crossovers
  - Tap Holes
  - Slots



Hand Use



Bench Drill



Hand Use



Hand Use

### Microabrasive

D	A	L		MAX. RPM	ITEM
Wire Thickness 0.30 A/O 600					
1/8"				800	2206
5/32"				1 000	2207
7/32"	1"	5"	10	1 000	2208
1/4"				1 000	2209
5/16"				2 000	2219
Wire Thickness 0.60 S/C 120					
3/8"					2220
1/2"					2221
5/8"	2-1/2"	5"	10	2 000	2222
3/4"					2223

### Polyamide

D	A	L		ITEM
Wire Thickness 0.10				
1/8"	4"	12"	10	2201
Wire Thickness 0.20				
1/4"	4"	12"	10	2202
Wire Thickness 0.25				
3/8"	4"	12"	10	2203
Wire Thickness 0.30				
5/8"	4"	12"	10	2204
3/4"				2205

### Steel

D	A	L		ITEM
Wire Thickness 0.10				
1/8"	4"	12"	10	2196
1/4"				2197
Wire Thickness 0.15				
3/8"				2198
5/8"	4"	12"	10	2199
3/4"				2200

# Hand Brushes



## Features

- Handle for easy brushing.

## Benefits

- Suitable for manual surface cleaning.
- Outstanding wire retention.



Hand use

### Wood Handle Small Brush



## KREATOR

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Steel</b>				
3 x 7	0.006"	1/2"	36	1581
<b>Brass</b>				
3 x 7	0.006"	1/2"	36	1586

### Scratch Brush with Plastic Handle

## KREATOR

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Brassed Steel</b>				
1	0.012"	1"	24	2880



### Shoe Handle Brush



## KREATOR

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Steel</b>				
4 x 16	0.014"	1"	12	976

## EASYCUT.

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Steel</b>				
4 x 16	0.014"	1"	12	2869

# Standard Twist



## Features

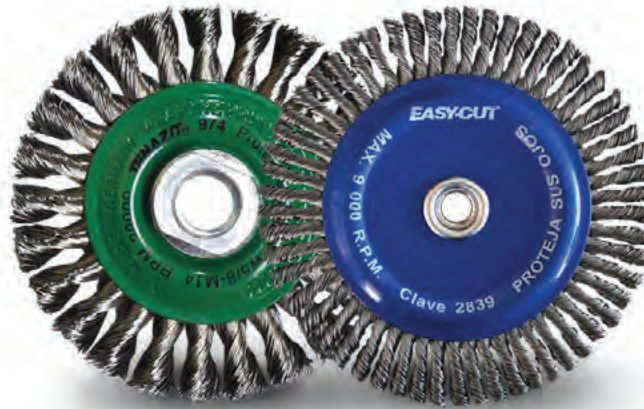
- Manufactured with highly break-resistant 302 stainless steel wire.
- Homogenous and tight knotting.
- MR= Multi-Thread.

## Benefits

- Excellent for heavy-duty jobs which require quick and firm cutting-action.
- Quickly remove welding remnants, paint and dust.




Grinder




**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

## MAGMA

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
	4"	0.014"	MR	24	3/8"	7/8"	20 000	1	974
		0.020"		24					1574
	6"	0.020"		26	1/2"	1-1/4"	9 000		979
		0.016"		24					1579

## KREATOR

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
	4"	0.020"	MR	18	3/8"	7/8"	14 000	1	2865
	6"		5/8"-11H	24	1/2"	1-3/8"	9 000		2866

## EASYCUT. Stringer Bead

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM		ITEM
	4"	0.020"	5/8"-11H	30	7/8"	12 500	1	2829
	7"			56	1-3/8"	9 000		2839

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.

ME= (Multi-Hole) For mounting brushes on different shafts.



# Wheel **MAGMA**

## Left Right Knotted



### ► Features

- Left-Right knotting design.
- Manufactured with high resistant wire.

### ► Benefits

- For heavy brushing operations.
- Ideal for treatment of edges.



**Left - Right  
Knotted**

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION



TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	WIRE LENGTH	MAX. RPM		ITEM
	4-1/2"	0.020"	MR	20	1/2"	7/8"	12 500	1	1104



### TECH - Tip

Wheel knots open less therefore it's ideal for the treatment of edges.

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.  
ME= (Multi-Hole) For mounting brushes on different shafts.

# Wheel Brush **KREATOR** Crimped Wire



## Features

- Manufactured with highly break-resistant 302 stainless steel wire.
- Manufactured in accordance with the highest quality standards.



**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

## Benefits

- Highly flexible heavy wire fill for continuous cutting with excellent finishes and stainless steel cleaning.
- Continuous and controlled cutting.

TYPE	Ø	WIRE THICKNESS	HOLE	WIRE LENGTH	MAX. RPM	ITEM
	4-1/2" 62	0.012"	MR	22 mm 25 mm	13 000 6 500	1 2846 2845

# Cup Brush **MAGMA** Left-Right Knotted



## Features

- Left-Right knotting design.
- Manufactured with high break resistant wire.

## Benefits

- For high volume jobs.
- Greater aggressive brushing action than common brushes.
- Ideal for edges treatment.



**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

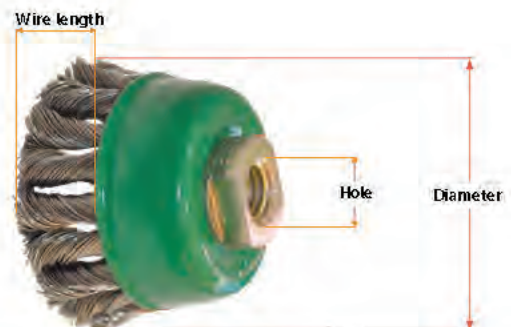


TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	THICKNESS	MAX. RPM	ITEM
	2-1/2"	0.020"	MR	18	3/4"	12 500	1 1102



### TECH - Tip

Wheel knots open less therefore it's ideal for the treatment of edges.



MR= (Multi-Thread) For indistinct use on machines with standard 5/8" -11 or M14-R threaded shaft.  
ME= (Multi-Hole) For mounting brushes on different shafts.

# Knot Cup Brushes



## Features

- Manufactured with highly break-resistant 302 stainless steel wire.
- Homogenous and tight knotting.

## Benefits

- Excellent for heavy-duty jobs which require quick and firm cutting-action.
- Quickly removes welding, paint and dust remnants.



Grinder



## MAGMA

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM		ITEM
	3"	0.014"	MR	20	3/4"	12 500	1	967
		0.020"		20	3/4"			1567
		0.020"		26	7/8"			9 000

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION



## KREATOR

TYPE	Ø	WIRE THICKNESS	HOLE	KNOTS	WIRE LENGTH	MAX. RPM		ITEM
	3"	0.020"	MR	18	3/4"	14 000	1	2856

# Crimped Wire Cup Brushes



## Features

- Manufactured with highly break-resistant 302 stainless steel wire.
- Manufactured with the highest quality standards.

## Benefits

- Highly flexible heavy wire fill for continuous cutting with excellent finishes and stainless steel cleaning.
- Continuous and controlled cutting.

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION



Grinder

TYPE	Ø	WIRE THICKNESS	HOLE	WIRE LENGTH	MAX. RPM		ITEM
	5"	0.012"	MR	1-1/8"	8 000	1	973
		0.020"					1573

MR= (Multi-Thread) For indistinct use on machines with standard 5/8"-11 or M14-R threaded shaft.  
ME= (Multi-Hole) For mounting brushes on different shafts.

# Wheel Brushes

## MAGMA



### Features

- Manufactured with 302 stainless steel.

### Benefits

- Excellent for hard reachable spaces such as angles and intern or extern threads.



Straight Grinder

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

TYPE	Ø	WIRE THICKNESS	SHANK	MAX. RPM	ITEM
	2"	0.012"	1/4"	25 000	1649
	2-3/4"			15 000	2195

# End Brushes



### Features

- Manufactured with 302 stainless steel.

### Benefits

- High flexibility, excellent for inner brushing.
- Fast and demanding cleaning.
- Contaminate free.
- Item 1189 provided with plastic cup that protects the workpiece in case of sudden contact.

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION



Straight Grinder

## MAGMA

Ø	WIRE THICKNESS	SHANK	MAX. RPM	ITEM
1/2"	0.008"		20 000	972
7/8"	0.012"	1/4"	18 000	980
1-1/2"	0.010"		15 000	1189



Item 1189

Item 1171

## KREATOR

Ø	WIRE THICKNESS	SHANK	MAX. RPM	ITEM
1/2"				1171
3/4"	0.012"	1/4"	20 000	1173
1"				1175
1-3/16"				1177

# Single Knot MAGMA



### Features

- 302 Stainless Steel made.
- With plastic cap at the base of the brush to avoid contamination.

### Benefits

- Accurate performance.
- Special for inner brushing.
- Wear-resistant.



Straight Grinder

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION



Ø	WIRE THICKNESS	SHANK	WIRE LENGTH	MAX. RPM	ITEM
3/8"	0.014"	1/4"	25 mm	20 000	982



### TECH - Tip

For rotary speeds below 4500 RPM, the brush holds perfectly aligned shank. Higher speeds may bend the brush.



## Hand Brush **KREATOR**



### Features

- + 302 Stainless Steel.
- + Wood handle.

### Benefits

- + Excellent for surface rust cleaning such as welding remnants in any stainless steel surface without risk of contamination.



Hand Use



**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>High Performance</b>				
4 x 16	0.014"	1"	12	970
<b>EASycut</b>				
4 x 16	0.014"	1"	12	2881

## Wood Handle Small Brush

**KREATOR**



Hand Use

### Features

- + 302 Stainless Steel.
- + Wood handle.

### Benefits

- + Ergonomic.
- + Adapts to capricious surface parts.
- + Great for small stainless steel pieces cleaning
- + applications. Excellent for the chemical and food industry.

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Stainless Steel</b>				
3 x 7	0.006"	1/2"	36	1587

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

## Plastic Handle Small Brush

**KREATOR**



### Features

- + Plastic handle.
- + Made with 0.06" wire stainless steel.
- + Contaminate-free.

### Benefits

- + For cleaning small parts made of stainless steel, aluminum, bronze and brass, such as hard-to-reach spaces.
- + Removes heat-tint.



Hand Use



**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

TUFT ROWS	DIMENSIONS		ITEM
<b>Stainless Steel</b>			
3 x 7	7-1/4" x 1/2"	36	1588

## Rivet Brush **KREATOR**



Hand Use

### Features

- + Wooden-handled.
- + Excellent grip between the filaments and the wood handle. Wires are wrapped up and around the metal post so they never come out.

### Benefits

- + "V" shaped wire fill enables removal in hard to reach
- + areas of scabs and slag.

TUFT ROWS	WIRE SIZE	TRIM LENGTH		ITEM
<b>Stainless Steel</b>				
3 x 15	0.014"	1"	12	991

**CERTIFIED**  
Fe, S, Cl *Free*  
NO CONTAMINATION

## Scratch brush with Plastic handle



**KREATOR**

### Features

- Plastic handle.

### Benefits

- For stainless steel equipment cleaning applications.
- Contaminate Free.



DIMENSIONS	ITEM
Stainless Steel	
10-5/8" x 5/8"	24 1583

**CERTIFIED**  
Fe, S, Cl Free  
NO CONTAMINATION

## Brushes for the Food Industry



**KREATOR**

### Features

- Plastic handle.
- Brush made with a 302 S stainless



**CERTIFIED**  
Fe, S, Cl Free  
NO CONTAMINATION

### Benefits

- It is possible to work with hot argon welding without the filaments coming off or melting the plastic.
- Cleans hollin stains and weld staining.
- Contaminate free guaranteed.
- Approved for use in the foodstuff industry.



These brushes comply to the hygiene charter of the European Brushware Federation which are accredited in the food industry.



DIMENSIONS	TUFT ROWS	ITEM
11-3/4" x 3/4"	2	992
	3	993

### How to know if it is a stainless steel wire brush?

To make sure the brush is made of stainless steel, the magnet test has traditionally been done, but with modern brushes. That test is no longer valid.

The drawing process, which is used to produce brush wire, causes the material to be attracted to a magnet. This is why the magnet test is no longer reliable.

One of the most commonly used 302 stainless steel verification test is the nitric acid immersion. A 10% nitric acid solution will dissolve the piece if it is carbon steel but will not affect stainless steel.

A second reliable verification test is the copper sulfate immersion which will turn carbon steel wires into brown color. However, stainless steel wires will remain unalterable.



# CARBIDE TOOLS

## Metric Equivalents

Diameter		Shank		Thickness	
Ø	mm	S	mm	T	mm
<b>1/8"</b>	3.2	<b>1/8"</b>	3.2	<b>1/6"</b>	1.6
<b>1/4"</b>	6.4	<b>1/4"</b>	6.4	<b>7/32"</b>	5.5
<b>3/8"</b>	9.5			<b>5/16"</b>	8
<b>1/2"</b>	12.7			<b>3/8"</b>	9.5
<b>5/8"</b>	15.9			<b>7/16"</b>	11
<b>3/4"</b>	19.1			<b>1/2"</b>	12.7
				<b>5/8"</b>	15.9
				<b>3/4"</b>	19.1
				<b>7/8"</b>	22.2
				<b>1"</b>	25.4
				<b>1-1/16"</b>	27
				<b>1-1/8"</b>	30
				<b>1-1/4"</b>	31.7
				<b>1-1/2"</b>	38.1

## Scheme



**D= Diameter**  
**S= Shank**  
**T= Thickness**

## Operation

**Heavy Grinding**

## Machines



**Straight  
Grinder**  
For Carbide  
Burr



**Drill**  
For drill bits



## Safety Measures

1. Reduce the carbide burr speed in case of stationary drilling or countersinking when all cutting teeth are in simultaneous contact with the workpiece.
2. Make usage of concentric and free of damage or imbalances drill chucks to prevent premature wear off the carbide tool.
3. Decrease rotary speed to avoid premature wear of the burr when working on low thermal conductivity materials like stainless steel, titanium and its alloys.
4. Pay attention to avoid whether stem's or cutting-head's bluish coloration. This might cause the breakage of the shaft.
5. In light cutting applications such as deburring, beveling, etc. it's suggested to increase up to twice the recommended speed without exceeding the maximum one.
6. In soft materials it's recommended the application of lubricants such as grease, plaster or similars to facilitate the exit of chips.

## Carbide Burrs Cut Types



### **Double Cut (D/C)**

Characteristic cross cut reduces significantly cutting vibration and in most of the materials decreases burrs to a granular size, thus avoiding long and sharp chips commonly generated in such cutting applications. Chips size reduction prevents the carbide burr to get load.

Besides, cross cut provides greater tool's control by reducing the axial force caused by a single cut. Nevertheless double cut provides a slight rougher finishing than single cut. Such disadvantage is broadly compensated with the increase of productivity due to greater removal capacity.



### **Aluminum Cut (A/C)**

Mainly characterized by a greater space between cutting teeth. For example double cut carbide burr with 12.7 mm (1/2") of diameter has 25 cutting teeth while single-cut aluminum burr of the same diameter, has only 8 teeth.

ALU cut carbide burr main feature is that the cutting head doesn't get load when working with soft materials like aluminum, copper, bronze, plastic or rubber.



### **INOX-CUT**

Prevents heat-tint on workpiece due to the reduced heat generation and allows chip output. Stainless will heat less and repairs will be reduced. Contaminate free guaranteed.

## Recommended Operating Speed

- The table below shows some approximate speeds.
- In general, for hard materials it's recommended low speed and for soft materials it's recommended high speed.

Ø	DOUBLE CUT	ALU CUT/ NON FERROUS	LONG SHAFT	EASYCUT.
1/8"	40 000 - 60 000	40 000 - 60 000	15 000	40 000 - 60 000
1/4"	30 000- 45 000	30 000- 45 000	15 000	30 000- 45 000
3/8"	20 000 - 30 000	20 000 - 30 000	15 000	20 000 - 30 000
1/2"	15 000 - 22 500	15 000 - 22 500	15 000	15 000 - 22 500
5/8"	12 000 - 18 000	12 000 - 18 000	15 000	12 000 - 18 000
3/4"	9 000 - 10 000	9 000 - 10 000	15 000	9 000 - 10 000

## Correct use of Tungsten Carbide Burrs



Let the burr do the job and don't apply excessive pressure, otherwise the burr will reduce its rotational speed, which might cause:

- Reduced Cutting-Performance.
- Reduced Tool's life.
- Poor Quality surface finishes.
- Damage to the working tool.
- Cutting Vibrations increase.
- Breakage or chipping.



Choose the right carbide burrs according to its shape and diameter:

- Always keep in mind that only 50% of the burrs should have contact with the working piece.
- Never overpass maximum safe speed. Please refer to previous table for recommended operating speeds.



Never exceed the maximum permissible speed.

## Safety Recommendations























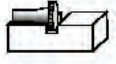






### TENAZIT® suggest:

- To use all carbide burrs with machine collect chuck.
- To make sure carbide stem is properly inserted into the chuck and firmly tighten with the chuck key. Once the shank is deeply inserted, pull it out again about 3 mm to let the collect chuck grab it correctly.
- To verify the carbide burr is set straight in the jaws before turning on the machine.
- To consider that any stem extension will imply to recalculate the maximum RPM speed.
- According to the "Thumb's Rule", the speed should be reduced by 50% for every extra 2.5 cm of shank extension.

**Lack of control and excessive cutting-vibrations may be generated due to the following reason:**

- Tool's Abuse.
- Wrong combination of carbide burr and rotating machine.
- Poor maintenance.
- Wrong decision regarding carbide burr's shape, diameter or type.
- Improperly trained user.

# Lines and Shapes Available

SHAPE	NAME	PROFILE		INOX CUT	DOUBLE CUT	SINGLE CUT	ALUMINUM	LONG SHANK	EASY-CUT
<b>A</b> 	CYLINDER WITHOUT END CUT				●			●	●
<b>B</b> 	CYLINDER WITH END CUT				●		●		
<b>C</b> 	BALL NOSED CYLINDER		●	●	●		●	●	●
<b>D</b> 	BALL				●			●	
<b>E</b> 	OVAL				●			●	
<b>F</b> 	BALL NOSED TREE		●	●	●		●	●	●
<b>G</b> 	POINTED TREE		●	●	●				●
<b>H</b> 	FLAME				●				●
<b>L</b> 	BALL NOSE CONE 14°		●	●	●		●		●
<b>M</b> 	CONE 14°				●				●
<b>1</b> 	RIM SHAPE					●			
<b>1-R</b> 	RIM-R SHAPE					●			
<b>1-V</b> 	RIM-V SHAPE					●			
<b>RD</b> 	RADIAL					●			



# TENAZIT® Double Cut



## Features

- Manufactured with diamond wheels.
- 10 different shapes.
- Double cut.











## Benefits

- Control and effective chips break down.
- Widely used in heavy grinding applications of welding, steel plastic, foundry and stainless steel.
- Long life and money saving.



Straight Grinder

**ITEM** Includes item: 107, 122,  
**1790** 120, 124 & 125.

SHAPE	SPECIFICATION	Ø	THICKNESS	SHANK	MAX. RPM	ITEM	
<b>Cylinder Without End Cut</b>							
	<b>A</b>	SA-43	1/8"	9/16"	1/8"	40 000 - 60 000	<b>98</b>
		SA-51	1/4"	1/2"		30 000 - 45 000	<b>99</b>
		SA-1	1/4"	5/8"	1/4"	20 000 - 30 000	<b>100</b>
		SA-3	3/8"	3/4"		15 000 - 22 500	<b>101</b>
		SA-5	1/2"	1"		15 000 - 22 500	<b>102</b>
<b>Cylinder With End Cut</b>							
	<b>B</b>	SB-3	3/8"	3/4"	1/4"	20 000 - 30 000	5 <b>132</b>
<b>Ball Nosed Cylinder</b>							
	<b>C</b>	SC-42	1/8"	9/16"	1/8"	40 000 - 60 000	5 <b>103</b>
		SC-51	1/4"	1/2"		60 000	1 <b>104</b>
		SC-1	1/4"	3/4"	1/4"	30 000 - 45 000	<b>105</b>
		SC-3	3/8"	3/4"		20 000 - 30 000	5 <b>106</b>
		SC-5	1/2"	1"		15 000 - 22 500	<b>107</b>
<b>Ball</b>							
	<b>D</b>	SD-1	1/4"	7/32"	1/4"	30 000 - 45 000	<b>110</b>
		SD-3	3/8"	5/16"		20 000 - 30 000	5 <b>112</b>
		SD-5	1/2"	7/16"		15 000 - 22 500	<b>114</b>
<b>Oval</b>							
	<b>E</b>	SE-51	1/4"	3/8"	1/4"	30 000 - 45 000	5 <b>115</b>
		SE-1	1/4"	3/8"		60 000	1 <b>117</b>
		SE-3	3/8"	5/8"		30 000	5 <b>116</b>
<b>Ball Nosed Tree</b>							
	<b>F</b>	SF-51	1/4"	1/2"	1/4"	30 000 - 45 000	<b>118</b>
		SF-1	1/4"	5/8"		30 000 - 45 000	5 <b>134</b>
		SF-3	3/8"	3/4"		20 000 - 30 000	
		SF-5	1/2"	1"		15 000 - 22 500	
<b>Pointed Tree</b>							
	<b>G</b>	SG-44	1/8"	1/2"	1/4"	40 000 - 60 000	<b>121</b>
		SG-1	1/4"	5/8"		30 000 - 45 000	5 <b>133</b>
		SG-5	1/2"	1"		15 000 - 22 500	<b>122</b>
<b>Flame</b>							
	<b>H</b>	SH-1	1/4"	1/2"	1/4"	30 000 - 45 000	5 <b>135</b>
		SH-5	1/2"	5/8"		15 000 - 22 500	<b>136</b>
		SH-6	5/8"	1-3/8"		20 000	1 <b>145</b>
<b>Ball Nosed Cone 14°</b>							
	<b>L</b>	SL-42(8°)	1/8"	1/2"	1/4"	40 000 - 60 000	<b>123</b>
		SL-1	1/4"	5/8"		30 000 - 45 000	<b>137</b>
		SL-3	3/8"	1-1/16"		17 000 - 38 000	5 <b>130</b>
		SL-4	1/2"	1-1/8"		15 000 - 22 500	<b>124</b>
		SL-6	5/8"	1-1/4"		12 000 - 18 000	1 <b>96</b>
		SL-7	3/4"	1-1/2"		9 000 - 10 000	1 <b>97</b>
<b>Cone</b>							
	<b>M</b>	SM-42	1/8"	7/16"	1/4"	80 000	1 <b>146</b>
		SM-1	1/4"	1/2"		30 000 - 45 000	5 <b>139</b>
		SM-5(28°)	1/2"	7/8"		15 000 - 22 500	<b>125</b>





## Double Cut-Titanium Coat



### Features

- Tungsten Carbide made with titanium coat.
- Specially engineered for heavy-duty grinding applications.
- 1/4" Shank
- Double cut.

### Benefits

- Excellent wear-resistance.
- Great anti-friction properties.
- Less teeth wear and heat accumulation.



SHAPE	SPECIFICATION	Ø	THICKNESS	MAX. RPM	ITEM	
<b>Ball Nosed Cylinder</b>						
	C	SC-3	3/8"	3/4"	22 500	1 94
		SC-5	1/2"	1"		1 95
<b>Ball Nosed Tree</b>						
	F	SF-5	1/2"	1"	22 500	1 93
<b>Pointed Tree</b>						
	G	SG-5	1/2"	1"	22 500	1 92
<b>Ball Nosed Cone 14°</b>						
	L	SL-4	1/2"	1-1/8"	22 500	1 91

## INOX-CUT



SHAPE	SPECIFICATION	Ø	THICKNESS	MAX. RPM	ITEM	
<b>Cylinder Without End Cut</b>						
	A	SA-5	1/2"	1"	22 500	5 85
<b>Ball Nosed Cylinder</b>						
	C	SC-3	3/8"	3/4"	22 500	5 86
<b>Ball Nosed Tree</b>						
	F	SF-5	1/2"	1"	22 500	5 87
<b>Pointed Tree</b>						
	G	SG-5	1/2"	1"	22 500	5 88
<b>Ball Nosed Cone 14°</b>						
	L	SL-4	1/2"	1-1/8"	22 500	5 89

### Features

- Tungsten Carbide made with titanium coat.
- Especially engineered for heavy-duty grinding applications.
- 1/4" Shank.
- Double cut.

### Benefits

- Excellent wear-resistance.
- Great anti-friction properties.
- Less teeth wear and heat accumulation.

## EASYCUT. Double Cut



### Features

- Available in double and non-ferrous cut.
- 1/4" shank.

### Benefits

- For light-duty jobs.
- Affordable price.
- For grinding steel, plastic and non-ferrous metals.



SHAPE	SPECIFICATION	Ø	THICKNESS	MAX. RPM	ITEM	
<b>Cylinder Without End Cut</b>						
	A	SA-1	1/4"	5/8"	30 000	10 2276
		SA-5	1/2"	1"	22 500	10 2277
<b>Ball Nosed Cylinder</b>						
	C	SC-1	1/4"	5/8"	30 000	10 2278
		SC-5	1/2"	1"	22 500	10 2279
<b>Ball Nosed Tree</b>						
	F	SF-5	1/2"	1"	22 500	10 2281
<b>Pointed Tree</b>						
	G	SG-5	1/2"	1"	22 500	10 2282
<b>Flame</b>						
	H	SH-1	1/4"	5/8"	30 000	10 2283
		SH-5	1/2"	1-1/4"	22 500	10 2284
<b>Ball Nosed Cone 14°</b>						
	L	SL-4	1/2"	1-1/8"	22 500	10 2285
<b>Cone</b>						
	M	SM-5(28)	1/2"	1"	22 500	10 2287

## Carbide Burrs



# TENAZIT® Long Shank Versions



## ► Features

- Manufactured with diamond wheels.
- 6" long shank.
- Perfectly welded and balanced.



## ► Benefits

- Particularly well suited for use in hard reachable areas.
- For tough applications.
- Long life and money saving.
- Widely use in foundry and stainless steel applications.

SHAPE	SPECIFICATION	Ø	THICKNESS	MAX. RPM	ITEM
<b>Cylinder Without End Cut</b>					
<b>A</b>	SA-5 L6	1/2"	1"	15 000	150
<b>Ball Nosed Cylinder</b>					
<b>C</b>	SC-3 L6	3/8"	3/4"	15 000	154
<b>Ball</b>					
<b>D</b>	SD-5 L6	1/2"	7/16"	15 000	151
<b>Oval</b>					
<b>E</b>	SE-5 L6	3/8"	5/8"	15 000	153
<b>Ball Nosed Tree</b>					
<b>F</b>	SF-5 L6	1/2"	1"	15 000	152
	SF-3	3/8"	3/4"		155

# TENAZIT® Aluminum / Non-Ferrous



## ► Features

- Thick space between cutting edges sharpened with diamond wheels.
- 1/4" long shank.
- Aluminum cut.

## ► Benefits

- For grinding applications of aluminum and non-ferrous metals such as copper, bronze and brass.
- Won't clog.

SHAPE	SPECIFICATION	Ø	THICKNESS	MAX. RPM	ITEM
<b>Cylinder With End Cut</b>					
<b>B</b>	SB-3	3/82	3/4"	20 000-30 000	5 126
	SB-5	1/2"	1"	15 000-22 500	1 127
<b>Ball Nosed Cylinder</b>					
<b>C</b>	SC-5	1/2"	1"	15 000-22 500	1 128
<b>Ball Nosed Tree</b>					
<b>F</b>	SF-5	1/2"	1"	15 000-22 500	5 131
<b>Ball Nosed Cone 14°</b>					
<b>L</b>	SL-4	1/2"	1-3/16"	15 000-22 500	1 138
<b>EASYCLUT</b>					
<b>Ball Nosed Tree</b>					
<b>F</b>	SF-5	1/2"	1"	15 000-22 500	10 2280
<b>Ball Nosed Cone 14°</b>					
<b>L</b>	SL-4	1/2"	1-1/8"	15 000-22 500	10 2286



# Radial



Straight Grinder



DIMENSIONS	ITEM
1/2" x 2" x 1/4"	144

### Features

- Exclusive inverted angle design.

### Benefits

- Works perfectly along edges with total control.
- Special for edge deburring. Creates a smooth radius without harming worked surface.
- Ideal for inner and external chamfering.

## Type 1



### Features

- Manufactured with high quality carbide.
- 3/4" shank.

### Benefits

- Great for carving.
- Suitable for hard to reach areas.
- Easy and quick grinding - action.



Item 143






Straight Grinder

Item 142



Item 141



SHAPE	SPECIFICATION	Ø	THICKNESS	RPM		ITEM
 1		1/2"	1/16"	15 000		143
 1-R	STEEL	1"	1/4"	15 000	1	142
 1-V		1"	7/32"	15 000		141

## Router Fiberglass



Router



DIMENSIONS	ITEM
1/4" x 1"	2288

### Features

- Specific cut style.

### Benefits

- Best for roughing and countoring composite.
- Can be used with hand-held machines.
- Versatile: from large fiberglass panel to small parts made of composites.

# Multi materials Drill Bits **TENAZIT®**

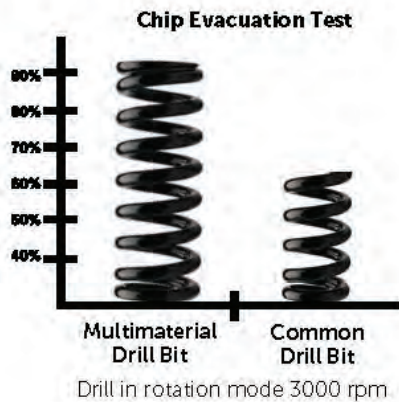


## ► Features

- High performance.
- Provided with a carbide plate for hard material drilling.
- The sharpener guarantees sliding and evacuation of the chips.
- S-Shape cut provides greater chip drop out and less heating.
- Wear-retardant design.
- Positive sharpening with centering point.
- Angle 118°
- 4 sharpened edges.

## ► Benefits

- Drill wood, steel, concrete and plastic.
- Ideal for drilling several materials at once.
- Universal Use.
- Perfect clean hole.
- Fast penetration.



## Length

DIMENSIONS	MAX. RPM		ITEM
1/8"	450		1833
5/32"	450		1834
3/16"	450		1835
1/4"	450	1	1836
5/16"	450		1837
3/8"	430		1838
1/2"	358		1839
5/8"	344		1840



# Scribing Iron TENAZIT.



## Features

- Scribing iron with hex-shank 6 mm.

## Benefits

- Ideal for marking on metal.
- Great for tile and glass marking.



Hand Use

DIMENSIONS	ITEM
5-1/2" x 1/4"	1190

# Annular Cutters



## Features

- For dry or wet use.  
- Made from high quality HSS Steel.
- Optimal edge shape for better chip removal.
- Includes ejector pin.

## Benefits

- 10 times faster.
- Cutting action than any spiral drill bit.
- For drilling thick steel plates with magnetic drill, less heat generation than a drill bit.
- Accurate holes.
- Considerable time and energy savings.



Magnetic Drill



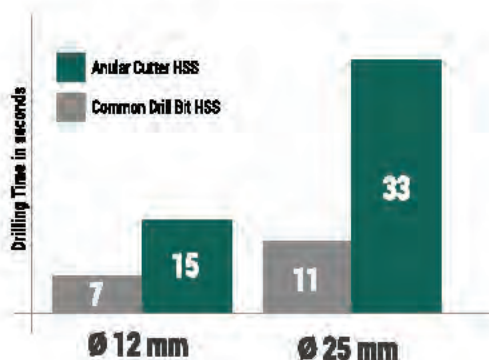
## CUTTING VOLUME



Annular Cutter



Common Drill Bit



Ø	DEPTH OF CUT	TOTAL LENGTH	MAX. RPM	ITEM
1/2"				2390
9/16"				2388
5/8"			450	2391
11/16"				2389
3/4"	2"	84 mm		2393
13/16"			430	2394
15/16"			358	2396
1"			344	2392
1/16"			319	2398
1-1/4"			269	2397

- Annular Cutters save time by cutting 10x faster than common drill bits.
- Long lasting, less wear and energy consumption.



**TUNSTEN  
CARBIDE  
SAWS**

## Metric Equivalents

Diameter		Hole	
Ø	mm	H	mm
4-1/2"	115	5/8"	15.9
7"	178	7/8"	22.2
7-1/4"	185	1"	25.4
8-1/4"	210		
10"	250		
12"	300		
14"	350		

## How To Choose The Right Saw Blade

### Quality of finish

- The more teeth on the saw blade, the softer, uniform and delicate finishings.
- Nevertheless, the less teeth on the saw blade, the less uniform finishings and a faster cutting speed.

### Material thickness. Important rule to remember:

- Considering the material thickness, at least 3 saw teeth and up to 4, must be in contact with the material being cut.



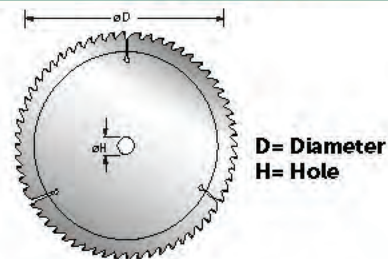
## Chop Saw Safety Recommendations

- Ensure to firmly fasten the working piece to avoid any side move that might cause wear on the teeth or even breaking.
- When finishing the cut, hold the working piece to avoid side stress on the teeth and possible breakage.

## Available Lines

- INDUSTRIAL
- PROFESSIONAL
- **EASYCUT**

## Scheme



# Wood



## Features

- **PROFESIONAL:** High quality micro tungsten carbide grain teeth.
- **EASY CUT:** Precision welded teeth. Affordable price.
- **INDUSTRIAL:** Fabricadas con carburo sinterizado especial de alta concentración.

## Benefits

- **PROFESIONAL:** Last up to 60 times more than steel cutting blades. Less heating.
- **EASY CUT:** Fast cutting action for light-duty jobs.
- **INDUSTRIAL:** Duran hasta 5 veces más que el carburo estándar. Gran estabilidad y durabilidad.



Angle Grinder  
For item: **161**.



Circular Saw  
For items: **156, 157, 2131, 2132 y 2135**.



Miter Saw  
For items: **158 y 159**.



Miter Saw  
For item: **166**.



Chop Saw  
For item: **2109**.



MATERIAL	Ø	HOLE	No. OF TEETH	LINE	MAX. RPM	ITEM
WOOD	4-1/2"	7/8"	20	Professional	13 500	<b>161</b>
			20	Professional	7 900	<b>156</b>
	7-1/4"	5/8"	40	Professional	7 900	<b>157</b>
			24	<b>EASY-CUT</b>	8 300	<b>2131</b>
	8-1/4"	5/8"	40	<b>EASY-CUT</b>	8 300	<b>2132</b>
			40	<b>EASY-CUT</b>	6 800	<b>2135</b>
10"	1 to 5/8"	28	Professional	6 000	<b>158</b>	
14"	1"	40	Professional	6 000	<b>159</b>	
		80	Industrial	6 000	<b>166</b>	
			40	Professional	4 400	<b>2109</b>

# Multipurpose Saw



## TENAZIT®

## Features

- High resistance welding.
- Saw core design provide a fast cutting action and helps to avoid saw blade deformation.

## Benefits

- Fast cutting action
- Long life
- Multi-porpurpose.

## Use For:

- Wood / Wood with nails
- Agglomerate
- Plastic
- MDF
- Fiberglass
- Epoxy resin
- Laminated parquet



Angle  
Grinder



<http://bit.ly/siemacarburo>

Ø	HOLE	No. OF TEETH	MAX. RPM	ITEM
4-1/2"	7/8"	9	13 500	<b>162</b>
7"		18	8 500	<b>172</b>



# Aluminum

## Features

- Carbide teeth of exclusive formula.
- Hardened steel core.

## Benefits

- Last 5 times longer than standard carbide.
- Great stability and durability.



Circular Saw  
For item: **167**.



Miter Saw  
For items: **179, 2133 y 2134**.



Miter Saw  
For items: **180 y 183**



Chop Saw  
For item: **2108**.



MATERIAL	Ø	HOLE	No. OF TEETH	LINE	MAX. RPM		ITEM
ALUMINUM	7-1/4"	5/8"	40	Industrial	7 900		<b>167</b>
		1" to 5/8"	80				<b>179</b>
	10"	5/8"	100	Industrial	6 000	1	<b>2133</b>
			120				<b>2134</b>
	12"	1" to 5/8"	80	Industrial	7 000		<b>180</b>
	14"	1"	100		6 000	<b>183</b>	
	14"	1"	80	Professional	4 400		<b>2108</b>

# Steel / Stainless Steel

## Características

- **PROFESSIONAL:** High quality micro tungsten carbide grain teeth.
- **INDUSTRIAL:** Carbide exclusive formula hardened steel core.

## Beneficios

- **PROFESSIONAL:** Last 60 times more than steel cutting blades. Less heating.
- **INDUSTRIAL:** Very stable. Good durability.



Circular Saw  
For items: **171 y 2137**.



Miter Saw  
For item: **173**.



Chop Saw  
For items: **2107**.

## Steel

Ø	HOLE	No. OF TEETH	LINE	MAX. RPM		ITEM
7-1/4"	5/8"	38	Industrial	5 800		<b>171</b>
12"	1" to 5/8"	54	Industrial	1 500	1	<b>173</b>
14"	1"	80	Professional	4 400		<b>2107</b>

## Stainless Steel

Ø	HOLE	No. OF TEETH	LINE	MAX. RPM		ITEM
7"	5/8"	48	Professional	5 500	1	<b>2137</b>







# MACHINES

# Finishing and Polishing Machine



ITEM  
2500

### Features

- Weight 5.5 lb.
- Maximum working power 1200w.
- Variable speed from 900 to 2500 rpm.
- Made in Germany.

### Benefits

- Special machine for polishing, satin and metal surface finishing.
- Suitable for flap rolls, discs and wheels.
- Minimal maintenance.
- Great versatility for working angle or straight grinding.
- Light weight, less cutting-vibrations for user's comfort.
- Extremely powerful for a consistent and uniform finishing-action.

6	2500	• Precision sanding with belts.
5	2200	• Plush polishing and brightening.
4	1900	
3	1500	• Satin finishing with flap rolls.
2	1200	• Automotive paint polishing.
1	900	



### The kit includes:

- 1 roll item **1391**
- 1 roll item **1394**
- 1 roll item **1395**
- 2 disc item **2305**
- 2 polishing paste.
- 1 felt roll item **2308**
- 1 roll item **693**

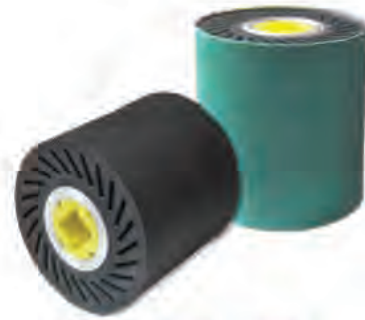
# Holdex

## ► Features

- Expanding Rubber Wheel for belts.

## ► Benefits

- For grinders with proper protections only.
- Don't exceed the maximum permissible rpm-speed specified.
- Storage it under proper conditions, preferably into a plastic bag.
- Do not use the roller in operations for which it was not designed.
- Do not use it without the belt mounted.



DIMENSIONS	ITEM
4" x 4" x 3/4"	1398



### TECH - Tip

For machines with 5/8"-11 spindle Holdex Roller can be mounted with the adapter 1399.



### Adapter for Holdex

DIMENSIONS	ITEM
3/4" to 5/8"-11 1/4"	1399

# Pipe Finishing Attachments

## Pipe Finishing Attachment

### ► Features

- Light weight.
- Resistant.
- Aluminum body.
- Easy assembling.
- Suitable for sanding and non woven belts of 35 x 760 mm.

### ► Benefits

- Outstanding ergonomics.
- Easy to apply.
- Higher productivity in sanding applications and circular surface polishing.
- Consistent and uniform finishing action.



ITEM  
2505



### Gift

- One kit of sanding belts includes:
- 3 sanding belts of the following items 30299, 30300, 30301, 30302, 30303, 30304, 30305, 30306, 30307 y 30308.
  - (30 pieces).

ITEM	MEASURE (mm)	GRAINS (APPLICATION)
30299	35 x 760	80 - For medium sanding.
30300	35 x 760	120 - For soft sanding.
30301	35 x 760	Fiber/ Dark Brown - Tick satin finish
30302	35 x 760	Fiber/Brown - Medium satin finish.
30303	35 x 760	Fiber/Blue - Prepare surfaces for final finish -Fine satin finish.
30304	33 x 760	400 - For polishing.
30305	33 x 760	600 - For polishing.
30306	33 x 760	1200 - For polishing.
30307	33 x 760	2000 - For polishing.
30308	35 x 760	PULIZIT - Mixed with green paste -Bright finish

## Belt File Attachment

### ► Features

- Light weight.
- Resistant.
- Aluminum body.
- Easy assembling.
- Suitable for sanding and non woven belts of 35x760 mm.

### ► Benefits

- Great for corner sanding.
- Outstanding ergonomics.
- Easy to apply.
- Higher productivity in sanding applications and circular surface polishing.
- Consistent and uniform finishing action.



**ITEM**  
**2506**



#### Gift

- One kit of sanding belts includes:
- 3 sanding belts of the following items: **35782, 35783, 35784, 35785, 35787, 35788, 35789, 35790 y 35791.** (30 pieces).

ITEM	MEASURE (mm)	GRAINS (APPLICATION)
<b>35782</b>	8 x 666	Fiber/Dark Brown - Tick satin finish
<b>35783</b>	8 x 666	Fiber/Brown - Medium satin finish.o
<b>35784</b>	8 x 666	Fibra/Azul - Prepare surfaces for final finish -Fine satin finish.
<b>35785</b>	6 x 666	50 - For heavy grinding.
<b>35787</b>	6 x 666	120 - For fine polishing.
<b>35788</b>	6 x 666	400 - For polishing.
<b>35789</b>	6 x 666	600 - For polishing.
<b>35790</b>	6 x 666	1200 - For polishing.
<b>35791</b>	6 x 666	2000 - For polishing.

## Fillet Weld Attachment



**ITEM**  
**2507**

### ► Features

- Light weight.
- Resistant.
- Aluminum body.
- Easy assembling.
- Suitable for non woven and felt wheels.
- Para montaje en máquina clave **2500**.
- Usa ruedas Unix de lija o felpa claves **1067 y 2306**.

### ► Benefits

- Special to work on vertices of 45 to 90°.
- Outstanding ergonomics.
- Easy to apply.
- Higher productivity in blending applications and surface finishing.
- Consistent and uniform finishing action.



#### Obsequio

- 1 rueda clave **1067** (Rueda de fibra para acabado)
- 1 rueda clave **2306** (Rueda de felpa para pulido) (2 piezas).



ITEM  
2519

## Features

- It's an electrochemistry cleaning system that also provides a protective layer on metallic surfaces by high-current electric arcs in one work step.
- Its excellent carbon fibres remove stains, decolorations, oxide layers even small flakes.
- The electrolyte liquid is used to increase electrical conductivity and provide cooling. Evaporation generates a protective gas atmosphere that protects against new corrosion. The cleaning electrolyte is the non-poisonous E338 food additive, which is also used in cool drinks.
- Used to mark on metallic surfaces. In just 3 to 4 seconds you can have a durable and permanent marking without corrosion, acid abrasion, or any product alteration.

## Includes

- Tenazit Electro Clean equipment (700/VA/240A, 50-60 Hz, 6a).
- 1 Brush with carbon fibre (Item 2520).
- 1 Teflon handle.
- 1 Earthing cable.
- 1 Marking electrolyte bottle of 500ml (Item 2521).
- 1 Marking electrolyte bottle of 500ml (Item 2523).
- 1 Spray bottle of water (500 ml).
- 1 Wide-mouth container.
- 1 Connection cable.



## Results



## Electrolyte Solutions

### Electrolyte Solution

Item **2521**  
500 ml.

#### Features

- Non- poisonous cleaning electrolyte E338 food additive.
- For use of Tenazit Electro Clean equipment (Item 2519).

#### Benefits

- To clean slightly burned welding seams.

1



3

### Polisher

Item **2523**  
500 ml.

#### Features

- Non- poisonous cleaning electrolyte E338 food additive.
- For use of Tenazit Electro Clean equipment (Item 2519).
- Dense fluid which, thanks to its low water content, produces less vapours.

#### Benefits

- To polish welding seams or surfaces.

2

### Heavy Duty

Item **2522**  
500 ml.

#### Features

- Non- poisonous cleaning electrolyte E338 food additive.
- For use of Tenazit Electro Clean equipment (Item 2519).

#### Benefits

- To clean rusted welding seams.

## Solución Electrolítica para Pulido

### Features

- Non-poisonous cleaning electrolyte E338 food additive.
- For use of TENAZIT Electro Clean equipment (item **2519**).

### Benefits

- To polish welding seams or surfaces. A dense fluid wich, thanks to its low water content, produces less vapours.

NEW  
LINE



### Heavy Duty

CONTENT	ITEM
5 lt.	2531

## Marking Electrolyte Solution

NEW  
LINE



CONTENT	ITEM
50 ml.	2532

### Features

- Electrolyte for dark and light marking.

### Benefits

- For use with the marking kit (item **2524**) and the TENAZIT Electro Clean equipment.

## Accessories

### Brush with carbon fibre

#### Features

- For electrolytic cleaning.
- It is mounted on the teflon handle and connects to Tenazit Electro Clean equipment.



**Dimensions**  
1/2" x 4-1/2" x M10

**ITEM**  
**2520**



### Marking Kit

#### Content

- 1 Brush with carbon fibre.
- 1 Marking Electrolyte solution (100ml).
- 1 Neutral solution (50ml).
- 5 Rings.
- 1 Connection cable (2 m).
- 1 Sample of marking plate.



**ITEM**  
**2524**



### Tape for long-term templates

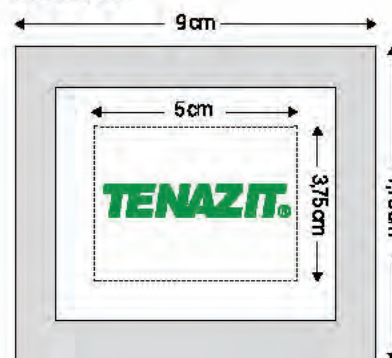
#### Features

- For electrochemical marking with set (item 2524) and Tenazit Electro Clean equipment (Item 2519).
- Ideal for printing serial numbers and barcodes.



**ITEM**  
**2529**

#### Example:



#### Long-term templates

The long-term templates can be with or without frame. It is recommended to request it with frame.

- The maximum dimensions of a template are 760 x 460 mm frame.
- The price is calculated per cm<sup>2</sup>.
- Can be used up to 5000 times.
- Delivery time: 3 weeks

## Orbital Sander



ITEM  
2512

### ► Features

- Light weight: 1 lb.
- Orbit diameter: 3 mm.
- Includes a PSA 30 mm back support.
- Suitable for PSA or VELCRO discs up to 35 mm.
- 75 Db noise.
- Max RPM 8500.

### ► Benefits

- For sanding and removing small imperfections in varnish and clear coat.
- Very silent and precise.

## Orbital Sander

### ► Features

- For Assilex and Buflex sheets of 85 x 130 mm.
- Max RPM 8500.
- 76 Db noise.
- Orbit Diameter: 3 mm.

### ► Benefits

- Special for Assilex and Buflex sheets.
- Quick work on large surfaces.
- Reduces operator's fatigue by its lightweight and ergonomic design.



ITEM  
2514



## Double Action Sander

### Features

- For 75 mm disc.
- Max RPM 13000.
- 78 Db noise.
- Orbit Diameter: 3 mm.

### Benefits

- Special for Assilex and Bulex 75 mm sanding discs.
- Reduces operator's fatigue by its lightweight and ergonomic design.



ITEM  
2510

## Mini-Polisher



CLAVE  
2513

### Features

- Light weight: 1.5 lb.
- Suitable for wools pads or sponges up to 100 mm of diameter.
- 84 Db noise.
- Max RPM 2500.

### Benefits

- For paint, varnish, clear coat and all kind of solid surfaces polishing applications.
- Best performance.

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## Pencil Grinder



### Features

- Slim body design for intricate work.
- Removable collect guard.
- 0.33 lb weight.
- 63 Db noise.
- Air consumption 0.20 m<sup>3</sup>/min.
- 60,000 RPM rotational speed.

### Benefits

- Ideal size to work with small pieces, using rotary files, mounted points, flap wheel, etc.
- Outstanding ergonomics to simulate a pencil.
- High speed fine finishing
- Special for the aeronautical industry.



ITEM  
2508

## Low Speed Polisher



### Features

- Ergo sleeve fitted for operator comfort.
- Low speed high torque.
- Working power 300 w.
- 1.32 lb weight.
- 68 Db noise.
- Air consumption 0.57 m<sup>3</sup>/min.
- 5000 RPM rotational speed.

### Benefits

- Ideal for non woven, felt products, surface conditioning and sanding discs. Best tool for heat sensitive pieces such as titanium, stainless steel, etc.
- Increases non woven abrasives lifetime thanks to its
- low rpm-speed and high torque.
- Excellent finishings.



ITEM  
2509



**ACCESORY  
ITEMS**

# Spanners



DIMENSIONS	MACHINE	ITEM
1-1/4" x 3/16" BLACK	American Grinders	543
1-3/8" -3/16" RED	European Grinders	544
DUO SPANNER	American / European	545

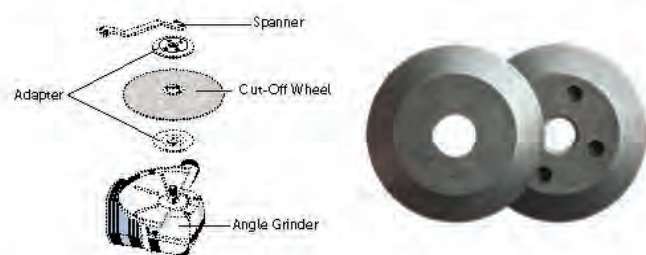


# Adapters



## Reusable Adaptor - Type 27

DIMENSIONS	MACHINE	ITEM
5/8"-11"	American Grinders	541
M14-2	European Grinders	542
5/8"-11"	American Grinders	961
M14-2	European Grinders	958



## Type 1 Cut-off Wheels

DIMENSIONS	MACHINE	ITEM
5/8"-11" Thread	American Grinders	547
M14-2 Thread	European Grinders	538
Small discs 1/2", 3/8" and 1/4" Hole	Straight Grinder/ Drill	531

**NEW LINE**



for diamond discs item 2562 with Click on system

DIMENSIONS	ITEM
15.9 mm-11	2563
M-14	2564



Item 2562



## For 2" Thickness Flap Wheels

DIMENSIONES	CLAVE
1" x 2" X 5/8"-11	1625



## For RT-1

DIMENSIONS	ITEM
2-3/4" X 5/16"	546

# Adapters

## Rubber Holder for Quick Change Discs

DIMENSIONS	HOOK	ITEM
25.4 x 6.4 mm	ROL OK	2577
38 x 6.4 mm		2578
51 x 6.4 mm		628
76 x 6.4 mm		629
25.4 x 6.4 mm	SPIN ON	2595
38 x 6.4 mm		2596
51 x 6.4 mm		2597
76 x 6.4 mm		2598

- Features**
- 1/4" shank.



## For Mini flap Disc

DIMENSIONS	ITEM
2" x 1/4"	1758



## For Non Woven Wheels

DIMENSIONS	ITEM
1-1/4" x 1/4"	1626



## Para Cartuchos

DIMENSIONS	COLLET	ITEM
1/8" x 3/4" x 1/8"	1/8"	1623
1/8" x 3/4" x 1/4"	1/4"	1624



## Para Ruedas de Pulido

DIMENSIONS	ITEM
2-1/8" x 3/8"	1627



## Hoop & Loop Backing Pad for Sponges and Bonets

DIMENSIONS	ITEM
3" x 5/8" -11H	2972

## Spindle Adapter

ITEM
627

- Features**
- Adjustment with double magnet.
  - With height adjustment system.
- Benefits**
- The strong magnet resists weights of 1 kg.

**NEW LINE**



## For Screwdriver

DIMENSIONS	ITEM	ITEM
15 x 68 mm	1	1851

## Adapters



### Benefits

- For simple tool-free disc mounting and change overs.
- Includes two spacers to fit most common spindle lengths.

### For Superlam Discs and Twin Power

DIMENSIONS	ITEM
1-1/2" x 19/32" x 5/8"-11 H	1340

## Backing Pads



### For Resin Fiber Discs

Ø	DIMENSIONS	ITEM
4-1/2"	5/8"- 11 Thread	935
	M14-2 Thread	794
5"	5/8"- 11 Thread	939
	M14-2 Thread	795
7"	5/8"- 11 Thread	950
	M14-2 Thread	796



### Hoop & Loop Backing Pad for Non Woven

Ø	DIMENSIONS	ITEM
7"	5/8"- 11 Thread	634
	M14-2 Thread	661



### Hoop & Loop Backing Pad for Paper Discs

Ø	DIMENSIONS	ITEM
5"	5/8"- 11 Thread	1457
	M14-2 Thread	1458



### Firm Bonded Pad with 1/4" foam. Large Hook for flat surfaces refinishing with non woven or sand discs.

Ø	DIMENSIONS	MAX. RPM	ITEM
5"	5/8"- 11 Thread	10 000	1455
6"		6 000	1456



### Features

- Can be used in wet conditions.
- It's design allows the water to cool the diamond pad work zone.

### Hoop & Loop Backing Pad for Diamond Pads

Ø	DIMENSIONS	ITEM
4"	5/8"- 11 Thread	1599
	M14-2 Thread	1499

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# Backing Pads



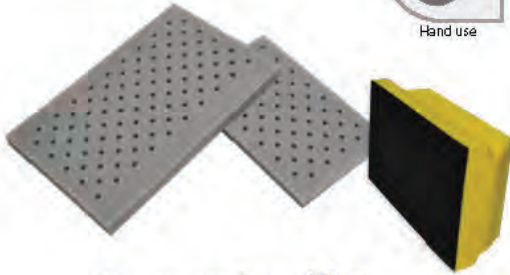
Hand use

For Sandpaper

DIMENSIONS	ITEM
11" x 1"	1182



Super Tack Pads



Hand use

Dry Buflex Disc Pad



Dual Action Sander

*SuperAssilex*

DIMENSIONS	TYPE	ITEM
3" x 4 - 23/32"	Rectangular with holes	3228
4" x 6"		3229
2-3/4" x 4-1/2"	Manual backing pad	3214

*SuperAssilex*

DIMENSIONS	TYPE	ITEM
3"	Soft without holes	3238
	Soft- 7 holes	3248
5"	Hard-7 holes	3249



Hand use

*Tolecut*

DIMENSIONS	TYPE	ITEM
27 x 33 x 15 mm	Rigid sanding block	3213



Angle Sander

*Tolecut*

DIMENSIONS	ITEM
1-1/4"	2528



Hand use

*SUPER Buflex*

DIMENSIONS	TYPE	ITEM
3" x 5" x 1"	Super-flexible	3218
3" x 5" x 1/2"		3212



Dual Action Sander

*SUPER Buflex*

DIMENSIONS	ITEM
3"	3239
5"	3219

# Backing Pads



Dual Action Sander



## Orbital Sander Pads

Ø	HOLE	ITEM
<b>HOOK &amp; LOOP</b>		
3"		2493
5"	5/16"-24H	793
6"		799
<b>VELCRO®-8 holes</b>		
5"	125 mm	1629
<b>PSA</b>		
5"	5/16"-24H	798
6"		797



Dual Action Sander

## Multi-hole



Ø	HOLE	ITEM
<b>HOOK &amp; LOOP</b>		
5"		1453
6"	5/16"-24H	1454



Dual Action Sander



## Interface Pads

Ø	THICKNESS	ITEM
3"		2329
6"	3/4"	2330

### Features

- + To improve finish, the polish becomes in control and more uniform.



Hand Use



## Rectangular Palm Sander

DIMENSIONS	ITEM
2-5/8" x 4-5/8"	1462



Hand Use



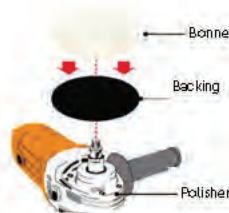
## Round Palm Sander

Ø	ITEM
6"	1463



## Threaded Support Pads for Buffing

Ø	HOLE	ITEM
<b>HOOK &amp; LOOP</b>		
6"	5/8" - 11H	952
<b>5/8"-11H</b>		
7"	5/8" - 11H	2975



## Tie Cord Support Pads for Bonnets

Ø	HOLE	ITEM
5"	1/4"	945
7"	5/8" - 11H	957
9"		959



Drill

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## Wheel Dressers

### ▶ Item 1637

- To dress clogged areas.
- Fulfill most general dressing needs.



ITEM  
1637

### Set of cutters for replacement



ITEM  
1639

### ▶ Item 1628

- Heavy duty dresser.
- For use on coarse, large, high speed grinding wheels.



ITEM  
1628



ITEM  
1630

### ▶ Benefits

- Protected bearings to prevent dust from damaging them.
- Increased user protection since dressing stars unit is fully covered.
- The abrasive wheel remains unclogged for longer cutting action.

## Stainless Steel Adhesive Tape



ITEM  
2530

Dimensions  
1-1/2" x 197" x 0.006"

### ▶ Features

- Protects the surface during sanding process.

### ▶ Benefits

- Only desired area is sanded.
- Clean and safe application.
- Avoids rework.

### ▶ Use for

- Plates
- Sheet



## Trimming Blade



ITEM  
1743

### ▶ Features

- For trimming flap-discs' plastic backings.

## Crosshead for Screwdriver

### ▶ Features

- With anticorrosive protection.

### ▶ Benefits

- With *TORSION TECHNOLOGY* for higher resistance.



NEW  
LINE

Set of 5 points

DIMENSIONS	ITEM
2"	1852

## 4-1/2" Mini Grinder Kit

### TOTAL PACK

#### ▶ CONTENT (11 pieces)

- 1, 4 1/2" Carbide Saw Blade for wood cutting 162
- Plastic Backing Flap Disc Grit 60 2217
- Grinding Wheel 560
- Cut-off wheels 778
- Resin Disc Grit 60 1336
- Diamond Blade 2555
- Continuous Rim Diamond Blade 2556
- Aluminum Cut-off Wheel 892
- Aluminum Grinding Wheel 480

#### ▶ Use for



<http://bit.ly/KitTotalPack>



ITEM

2999

## Concrete Drill Bits Kit

### TENAZIT®



Drill

#### ▶ CONTENT (5 pieces)

- 3/16" x 3" x 1/4"
- 1/4" x 4"
- 5/16" x 5"
- 3/8" x 5"
- 1/2" x 6"

#### ▶ Benefits

- High Performance



ITEM

1850

## DIY Kit

### TENAZIT®



Motorool



CONTENT ITEM

180 pieces 2991



CONTENT ITEM

200 pieces 2983



CONTENT ITEM

302 pieces 2992

## Diamond Disc Set

**NUEVA LINEA**



General Purpose

**HUNG**

CONTENT	ITEM
2 pieces items 2552 & 2553	2998



General Purpose

**EASYCUT**

CONTENT	ITEM
2 pieces items 1504 & 1505	2993



Ceramic Tile Cutting

CONTENT	ITEM
2 pieces Continuous Turbo rim	2994



For all kind of materials

CONTENT	ITEM
3 pieces	3000

## Safety Equipment

### Protective Hood



ITEM
6 2813

#### Features

- Structure with triple layer of fiber.
- Flexible and soft
- Latex free tech.
- No elastomer polymer content.
- Opening at eye level.

#### Benefits

- Light weight breathable protection.
- Great comfort.
- Allow the use of eyeglass (lenses) and personal ID.
- Fits the face for great comfort and protection.

## Safety Equipment



Tenazit® Leather Gloves



Austromex® 1 Security Eye glasses



Tenazit® 1 Security Eye glasses



Tenazit® 2 Security Eye glasses

# Peripheral Speed Table

METERS PER SECOND																		
Ø		15	18	20	23	25	28	30	35	37	45	48	50	60	80	100	Ø	
mm	inch	REVOLUTIONS PER MINUTE														mm	inch	
25	1	11459	13751	15279	17571	19099	21390	22918	26738	28266	34377	36669	38197	45837	61115	76394	25	1
50	2	5730	6875	7639	8785	9549	10695	11459	13369	14133	17189	18335	19099	22918	30558	38197	50	2
75	3	3820	4584	5093	4393	6366	7130	7639	8913	9422	11459	12223	12732	15279	20372	25465	75	3
100	4	2865	3438	3820	3514	4775	4775	5730	6684	7066	8594	9167	9549	11459	15279	19099	100	4
125	5	2292	2450	3056	2928	3820	5348	4584	5348	5653	6875	7334	7639	9167	12223	15279	125	5
150	6	1910	2292	2546	2510	3183	4278	3820	4456	4711	5730	6112	6366	7639	10186	12732	150	6
175	7	1637	1964	2183	2196	2728	3565	3274	3820	4038	4911	5238	5457	6548	8731	10913	175	7
200	8	1432	1719	1910	1952	2387	3056	2865	3342	3533	4297	4584	4775	5730	7639	9549	200	8
225	9	1273	1528	1698	1757	2122	2674	2546	2971	3141	3438	4074	4244	5093	6112	8488	225	9
250	10	1146	1375	1528	1464	1910	2377	2292	2674	2827	2865	3667	3820	4584	5093	7639	250	10
300	12	955	1146	1273	1255	1592	2139	1910	2228	2355	2456	3056	3183	3820	4365	6366	300	12
350	14	819	982	1091	1098	1364	1783	1637	1910	2019	2149	2619	2728	3274	3820	5457	350	14
400	16	716	859	955	976	1194	1528	1432	1671	1767	1910	2292	2387	2865	3395	4775	400	16
450	18	637	764	849	879	1061	1337	1273	1485	1570	1719	2037	2122	2546	3056	4244	450	18
500	20	573	688	764	799	955	1188	1146	1337	1413	1409	1833	1910	2292	2778	3820	500	20
550	22	521	625	694	720	868	1070	1042	1215	1285	1285	1667	1736	2083	2505	3472	550	22
610	24	470	564	626	666	783	972	939	1096	1158	1158	1503	1565	1879	2315	3131	610	24
660	26	434	521	579	619	723	877	868	1013	1071	1302	1389	1447	1736	2152	2894	660	26
710	28	403	484	538	578	672	753	807	941	995	1210	1291	1345	1614	2010	2690	710	28
760	30	377	452	503	542	628	704	754	880	930	1131	1206	1256	1508	1886	2513	760	30
810	32	354	424	472	508	589	660	707	825	872	1061	1132	1179	1415	1768	2358	810	32
864	34	332	398	442	482	553	619	663	774	818	995	1061	1105	1326	1326	2210	864	34
912	36	314	377	419	419	524	586	628	733	775	942	1005	1047	1256	1675	2094	912	36
966	38	297	356	395	455	494	554	593	692	732	890	946	989	1186	1582	1977	966	38
1020	40	281	337	374	431	468	524	562	655	693	843	899	936	1123	1498	1872	1020	40
1070	42	268	321	357	411	446	500	535	625	660	803	857	892	1071	1428	1785	1070	42

## PRECISION GRINDING

Cylindrical Grinding  
Internal Grinding  
Surface Grinding with cups or segments  
Surface Grinding with flat wheels

## M/S

25-37  
20-30  
20-25  
22-27

## HAND HELD GRINDING

Vitrified Wheels  
Resinous Wheels  
Grinding with reinforced discs  
Cutting with reinforced discs in stationary machine

## M/S

37  
48  
60-80  
60-80

## TOOL SHARPENING

Steel  
Steel with CBN Wheels  
-Dry use  
-Wet use  
Cemented carbides  
Cemented carbides (CNC)  
Cemented carbides with diamond wheels  
-Dry use  
-Wet use

## M/S

25  
15-22  
22-28  
22-25  
5-15  
15-22  
18-28

## MAXIMUM PERMISSIBLE SPEED

Resinous Wheels  
Reinforced resinous wheels  
Vitrified wheels  
Diamond wheels  
CBN wheels

## M/S

50  
63-80  
37  
30  
60

# Returns and Warranties Policy

## TO OUR APPRECIATED DISTRIBUTORS:

When purchasing products from Abrasivos Especiales, S.A. de C.V. we guarantee that conversion chart your investment is totally secure, as our greatest concern is that our Distributors have healthy inventories with products that do sell to better serve their customers.

That is why we reiterate our **RETURN WARRANTY** in stock materials, under the following conditions:

- 1 All material returns must be previously authorized by our sales team, indicating the cause of such return. Please contact your technical advisor or your respective sales management.
- 2 There are no refunds in special manufacturing materials, except in the case of manufacturing defects.
- 3 Returns of resinous material older than three years won't be accepted nor vitrified older than five years.
- 4 The material must be returned in its original packaging and in conditions to be sold again.
- 5 All returns will have a charge of 10% on the net amount of merchandise for costs of review, return and management, regardless of billing date.

## WARRANTY

All of our products lines Austromex, Austrodiam and Tenazit are guaranteed against manufacturing defects.

## CUSTOMER SERVICE

For more information consult your technical advisor or Austromex customer service department:

Phone Number (55) 5557-1966 & 5395-4555.

## CONVERSION CHART

Fraction	Inches	mm	Fraction	Inches	mm	Fraction	Inches	mm	Fraction	Inches	mm
1/64	0.015625	0.397	17/64	0.265625	6.747		0.511811	13.000	49/64	0.765625	19.447
1/32	0.031250	0.794		0.275591	7.000	33/64	0.515625	13.097	25/32	0.781250	19.844
	0.039370	1.000	9/32	0.282250	7.144	17/32	0.531250	13.494		0.787402	20.000
3/64	0.046875	1.191	19/64	0.296875	7.541	35/64	0.546875	13.891	51/64	0.796875	20.241
1/16	0.062500	1.588	5/16	0.312500	7.938		0.551180	14.000	13/16	0.812500	20.638
5/64	0.078125	1.984		0.314961	8.000	9/16	0.562500	14.288		0.826772	21.000
	0.078740	2.000	21/64	0.328125	8.334	37/64	0.578125	14.684	53/64	0.828125	21.034
3/32	0.093750	2.381	11/32	0.343750	8.731		0.590551	15.000	27/32	0.843750	21.431
7/64	0.109375	2.778		0.354331	9.000	19/32	0.593750	15.081	55/64	0.859375	21.828
	0.118110	3.000	23/64	0.359375	9.128	39/64	0.609375	15.478		0.866142	22.000
1/8	0.125000	3.175	3/8	0.375000	9.525	5/8	0.625000	15.875	7/8	0.875000	22.225
9/64	0.140625	3.572	25/64	0.390625	9.922		0.629921	16.000	57/64	0.890625	22.622
5/32	0.156250	3.969		0.393701	10.000	41/64	0.640625	16.272		0.905512	23.000
	0.157480	4.000	13/32	0.406250	10.319	21/32	0.656250	16.669	29/32	0.906250	23.019
11/64	0.171875	4.366	27/64	0.421875	10.716		0.669291	17.000	59/64	0.921875	23.416
3/16	0.187500	4.763		0.433071	11.000	43/64	0.671875	17.066	15/16	0.937500	23.813
	0.196850	5.000	7/16	0.437500	11.113	11/16	0.687500	17.463		0.944882	24.000
13/64	0.203125	5.159	29/64	0.453125	11.509	45/64	0.703125	17.859	61/64	0.953125	24.209
7/32	0.218750	5.556	15/32	0.468750	11.906		0.708661	18.000	31/32	0.968750	24.606
15/64	0.234375	5.953		0.472441	12.000	23/32	0.718750	18.256		0.984252	25.000
	0.236220	6.000	31/64	0.484375	12.303	47/64	0.734375	18.653	63/64	0.984375	25.003
1/4	0.250000	6.350	1/2	0.500000	12.700		0.748031	19.000	1	1.000000	25.400
						3/4	0.750000	19.050			

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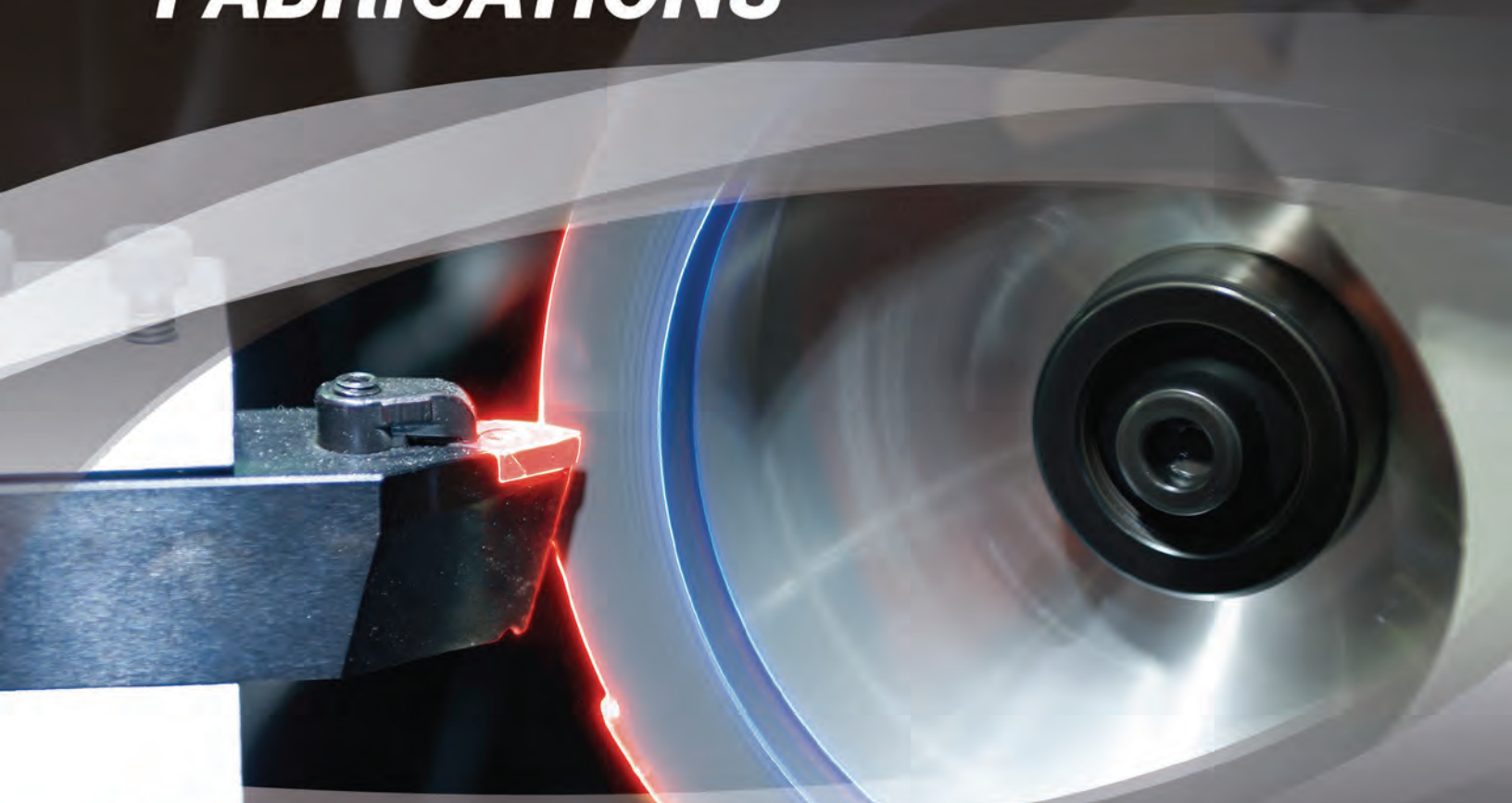
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2190-2191	222	2427-2431	158	2528	301	2845-2846	268	3218-3219	301	90170	187
2193-2194	262	2435	195	2529	293	2847-2848	258	3220-3225	84		
2195	270	2436	141	2530	303	2849	262	3226-3227	85		
2196-2209	264	2437	195	2531-2532	292	2850	255	3228-3229	301		



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