




**RHODIUS**

More simple  
simply more



# NOTES

# Rhodium GmbH & Co. KG



**Rhodium Germany Offices**

Producing in excess of 80 million cut-off and grinding wheels annually, Rhodium is proud to be associated amongst the world's leaders in high quality bonded abrasives manufacturers.

Based in Burgbrohl, Germany Rhodium employees over 200 employees, all dedicated to maintaining, further developing and ensuring the best innovative bonded abrasives available.

Rhodium strives for excellence and as a result is a founding member of oSa (Organization for safety of grinding tools), a leading European authority within the industry.

This family owned business, founded in 1952, currently supplies over 100 countries worldwide. The latest addition being the unique partnership between Rhodium and Rhodium USA.



**Rhodium Germany Plant**

Based out of St. Louis, Missouri, Sundisc USA is proud to offer the full Rhodium line of cut-off wheels, grinding disks, chop saw blades and other specialty abrasive products alongside its own comprehensive line of coated abrasives, (such as flap discs, flap wheels, resin fiber discs, quick change discs, etc.) and carbide burs making this a true 'one stop shop' for all of your cutting, grinding, and blending needs.



**Sundisc USA**



**Sundisc Holland**

*From the owners of the Sundisc Group of Companies and Rhodium GmbH & Co. KG, we thank you for being our partners*

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# Product Overview

## XT Extra thin Free Cutting Discs

BRAINTOOLS®	TOP <sub>LINE</sub> ●●●	PRO <sub>LINE</sub> ●●○	ALPHA <sub>LINE</sub> ●○○
XT8 EXACT	XT10	XT38	XT70
XT8 EXACT	XT20	XT67	XT77
	XT24		
	XT66		

## FT Freehand Cutting Discs

BRAINTOOLS®	TOP <sub>LINE</sub> ●●●	PRO <sub>LINE</sub> ●●○	ALPHA <sub>LINE</sub> ●○○
	FT38	FT33	FT26
	FT67	FT30	KSM
	FT24	FT44	
		FT40	

## ST Stationary Cutting Discs

BRAINTOOLS®	TOP <sub>LINE</sub> ●●●	PRO <sub>LINE</sub> ●●○	ALPHA <sub>LINE</sub> ●○○
		ST56	ST21
		ST34	

## RS Grinding Wheels

BRAINTOOLS®	TOP <sub>LINE</sub> ●●●	PRO <sub>LINE</sub> ●●○	ALPHA <sub>LINE</sub> ●○○
FS1FUSION	RS39	RS38	RS28
	RS48	RS2	KSM
	RS3in1		
	RS67		
	RS24		
	RS66		

## LS/VLS Flap Discs

BRAINTOOLS®	TOP <sub>LINE</sub> ●●●	PRO <sub>LINE</sub> ●●○	ALPHA <sub>LINE</sub> ●○○
LSZ F VISION			
VLSVISION			



Stainless Steel



Steel



Aluminum



Stone

# Stainless Steel Cutting

## Material:

- Rust- and acid proofed steels
- High-alloyed steels
- High tensile steels
- High tensile metal sheets
- Plastic laminated metal sheets
- Varnished metal sheets

## Application examples:

- Thin-walled sheets
- Thin-walled tubes
- Thin-walled profiles
- Cable ducts
- Corrugated sheets
- Trapezoidal profiles
- Thread rods

## Product Advantages:

- Precise cut
- Minimum development of burs
- Few sparks
- Very high cutting speed
- Long lifetime
- Very cool cut
- High side stability
- Low odour

## XT8 Exact

**BRAINTOOLS**  
by Rhodius

Dimensions	Part	Shape	Box Qty
1-1/4" x .032" x 1/4"	209867	41	50
1-1/2" x .032" x 1/4"	209868	41	50
2" x .032" x 1/4"	209869	41	50
2-1/2" x .032" x 1/4"	209870	41	50
4-1/2" x .032" x 7/8"	209381	42	50
5x.032x7/8	209382	42	50

Hardness: ●●●●●●

Lifetime: ●●●●●

Stock Removal: ●●●●●●



## Material:

- Rust- and acid proofed steels
- Hardened steels, high alloyed steels
- Tool steels
- Structural steels
- High tensile metal sheets
- Varnished metal sheets
- Galvanized parts
- Hardox

## Application examples:

- Cutting
- Beveling
- Burr Removing
- Dressing
- Solid Materials
- Thin metal sheets, tubes and profiles
- Plastic laminated metal sheets
- Structural steel sheets, concrete reinforcing iron
- Folded spiral seam tube

## Application examples:

- Combined working
- Low development of burrs
- Fewer sparks
- High cutting speed
- Very long lifetime
- High stock removal
- Short cutting times
- Comfortable cutting behavior
- Efficient

## XT35 Cross

**BRAINTOOLS**  
by Rhodius

Dimensions	Part	Shape	Box Qty
4-1/2" x .075" x 7/8"	209383	27	25
5" x .075" x 7/8"	209384	27	25

Hardness: ●●●●●●

Lifetime: ●●●●●●

Stock Removal: ●●●●●



# Stainless Steel Cutting

## Material:

- Rust- and acid proofed steels
- Hardox
- Hardened steels
- High-alloyed steels
- High tensile steels
- Galvanized parts

## Application examples:

- Thin walled tubes
- Thin walled profiles
- Steel sheets
- Solid material
- Flat iron

## Product Advantages:

- Low development of burs
- Few sparks
- High cutting speed
- Long lifetime
- Cool cut
- Low odor

## XT10

TOP LINE

Dimensions	Part Number	Box Qty
4-1/8" x .040" x 5/8"	209878	50
4-1/2" x .040" x 7/8"	209401	50
4-1/2" x .045" x 7/8"	209402	50
5" x .040" x 7/8"	209403	50
5" x .045" x 7/8"	209404	50
6" x .045" x 7/8"	209405	25
7" x .045" x 7/8"	209879	25



Hardness: ●●●●●●  
 Lifetime: ●●●●●●  
 Stock Removal: ●●●●●●

## XTK10

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	209406	50
4-1/2" x .045" x 7/8"	209407	50
5" x .040" x 7/8"	209408	50
5" x .045" x 7/8"	209409	50
7" x .045" x 7/8"	209410	25
9" x .075" x 7/8"	209882	25

## XT38

PRO LINE

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	209411	50
4-1/2" x .045" x 7/8"	209412	50
5" x .040" x 7/8"	209413	50
5" x .045" x 7/8"	209414	50
6" x .045" x 7/8"	209415	25
7" x .045" x 7/8"	209883	25
9" x .075" x 7/8"	209884	25



Hardness: ●●●●●  
 Lifetime: ●●●●●●  
 Stock Removal: ●●●●●●

## XTK38

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	209416	50
4-1/2" x .045" x 7/8"	209417	50
5" x .040" x 7/8"	209418	50
5" x .045" x 7/8"	209419	50
7" x .045" x 7/8"	209420	25
9" x .075" x 7/8"	209886	25

## XT70

ALPHA LINE

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	209421	100
4-1/2" x .045" x 7/8"	209424	100
5" x .040" x 7/8"	209427	100
5" x .045" x 7/8"	209430	100



Hardness: ●●●●●  
 Lifetime: ●●●●●●  
 Stock Removal: ●●●●●●

## XTK70

Dimensions	Part Number	Box Qty
4-1/2" x .045 x 7/8"		
5" x .045 x 7/8"		
6" x .045 x 7/8"		
7" x .045 x 7/8"	209433	25
9" x .045 x 7/8"	209890	25

# Steel Cutting

## Material:

- Hardox
- High tensile steels
- Structural Steels
- Tool Steels
- Galvanized Parts

## Application examples:

- Thin walled tubes
- Thin walled profiles
- Steel sheets
- Solid material
- Flat iron

## Product Advantages:

- Low development of burs
- Few sparks
- High cutting speed
- Long lifetime
- Cool cut
- Low odor

## XT67

PROLINE

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	205425	50
4-1/2" x .045" x 7/8"	202378	50
5" x .040" x 7/8"	205426	50
5" x .045" x 7/8"	202384	50
6" x .045" x 7/8"	205709	25
7" x .045" x 7/8"	205710	25
9" x .075" x 7/8"	205711	25



## XTK67

Dimensions	Part Number	Box Qty
4 1/2x.045x7/8	204791	50
5x.045x7/8	204793	50
7x.045x7/8	206034	25
9x5/64x7/8	206773	25

Hardness: ● ● ● ●  
 Lifetime: ● ● ● ● ● ● ● ●  
 Stock Removal: ● ● ● ● ● ● ● ●

## XT77

ALPHALINE

Dimensions	Part Number	Box Qty
4-1/2" x .040" x 7/8"	208698	50
4-1/2" x .045" x 7/8"	208699	50
5" x .040" x 7/8"	208700	50
5" x .045" x 7/8"	208701	50



## XTK77

Dimensions	Part Number	Box Qty
7" x .045" x 7/8"	208702	25
9" x .075" x 7/8"	208703	25

Hardness: ● ● ● ●  
 Lifetime: ● ● ● ● ● ● ● ●  
 Stock Removal: ● ● ● ● ● ● ● ●

## ST34

PROLINE

Dimensions	Part	Box
12" x 3/32" x 1"	209977	10
12" x 1/8" x 1"	209979	10
14" x 3/32" x 1"	209652	10
14" x 1/8" x 1"	209651	10
16" x 1/8" x 1"	209983	10



Hardness: ● ● ● ●  
 Lifetime: ● ● ● ● ● ● ● ●  
 Stock Removal: ● ● ● ● ● ● ● ●

Iron and sulphur free

# Aluminum Cutting

**Material:**

- Non-ferrous metals
- Brass
- Bearing metal
- Al-alloy

**Application examples:**

- Rain guttering
- Eaves flashing
- Corrugated sheets
- Thin walled tubes
- Thin walled profiled
- Solid material

**Product Advantages:**

- Low development of burrs
- High cutting speed
- Easy cutting
- No clogging
- Long lifetime
- Cool cut

## XT24

**TOP LINE**

Dimensions	Part Number	Box Qty
4-1/2" x .045" x 7/8"	205910	50
5" x .045" x 7/8"	205911	50
6" x .045" x 7/8"	205912	25
7" x .045" x 7/8"	205913	25
9" x .075" x 7/8"	205914	25

**Hardness:**

**Lifetime:**

**Stock Removal:**


# Stone Cutting

**Material:**

- Concrete Products
- Lime Stone
- Artificial Stone
- Natural Stone
- Marble
- Titanium

**Application examples:**

- Roofing tiles
- Pumice stone
- Structural plaster
- External bricks
- Tiles

**Product Advantages:**

- Clean cutting edges
- Low development
- Aggressive cutting
- Fast cutting

## XT66

**TOP LINE**

Dimensions	Part Number	Box Qty
4-1/2" x .045" x 7/8"	204625	50
5" x .045" x 7/8"	204624	50
7" x .075" x 7/8"	204623	25
9" x .075" x 7/8"	204622	25

**Hardness:**

**Lifetime:**

**Stock Removal:**


# Stainless Steel Grinding

## Material:

- Rust and acid proofed steels
- Hardened steels
- Structured steels
- Tool steels

## Application examples:

- Weld seam preparation
- Burr removing
- Leveling
- Edge grinding
- Surface
- Grinding
- Welding seams

## Product Advantages:

- Comfortable grinding performance
- Long lifetime
- High stock removal
- Efficient

## RS28

ALPHALINE ●○○

Dimensions	Part Number	Box Qty
4-1/2" x 1/4" x 7/8"	208732	25
5" x 1/4" x 7/8"	208733	25
7" x 1/4" x 7/8"	208734	10
9" x 1/4" x 7/8"	208735	10

5/8-11 hub also available    Iron and sulphur free

Hardness:



Lifetime:



Stock Removal:



# Stainless Steel Grinding

## Material:

- Rust and acid proofed steels
- Hardox
- High tensile
- Structural steels
- Tool steels
- Non-ferrous metals
- Wood, varnish, filler
- GFK

## Application examples:

- Glvanized parts
- Welding seams
- Burr removing
- Leveling
- De-rusting
- Surface grinding
- Edge grinding
- Cleaning

## Product Advantages:

- Free view on workpiece
- High stock removal cool grinding
- Low vibration
- Comfortable grinding performance
- Low noise

## LSZ F Vision

**BRAINTOOLS**  
by Rhodius

Dimensions	Part Number	Grit	Box Qty
4-1/2" x 7/8"	207083	40	10
4-1/2" x 7/8"	207084	60	10
4-1/2" x 7/8"	207085	80	10
5" x 7/8"	207077	40	10
5" x 7/8"	207078	60	10
5" x 7/8"	207079	80	10

Iron and sulphur free

Lifetime:



Stock Removal:



## VLS Vision

**BRAINTOOLS**  
by Rhodius

Dimensions	Part Number	Grit	Box Qty
4-1/2" x 7/8"	208687	Coarse	10
4-1/2" x 7/8"	208688	Medium	10
4-1/2" x 7/8"	208689	Fine	10
5" x 7/8"	208690	Coarse	10
5" x 7/8"	208691	Medium	10
5" x 7/8"	208692	Fine	10

Iron and sulphur free

Lifetime:



Stock Removal:



# Steel Grinding

**Material:**

- Hardened steels
- High alloyed steels
- Structure steels
- Tool steels

**Application examples:**

- Weld seam preparation
- Leveling
- Edge grinding
- Surface grinding

**Product Advantages:**

- Efficient
- Long lifetime
- High stock removal
- Comfortable grinding performance

## RS57 Zirc/Pipeline

**TOP LINE**

Dimensions	Part Number	Box Qty
4-1/2 x 1/8 x 7/8	209720	25
5 x 1/8 x 7/8	209721	25
6 x 1/8 x 7/8	209722	10
7 x 1/8 x 7/8	209723	10
9 x 1/8 x 7/8	209724	10



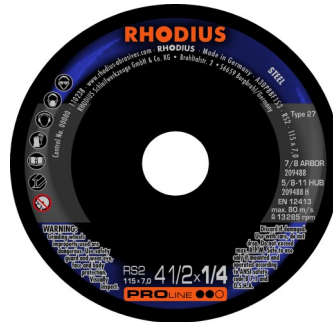
Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●●  
 Stock Removal: ●●●●●●●●

Dimensions	Part Number	Box Qty
4-1/2 x 1/4 x 7/8	209691	25
5 x 1/4 x 7/8		25
6 x 1/4 x 7/8		10
7 x 1/4 x 7/8	209706	10
9 x 1/4 x 7/8	209707	10

## RS2

**PRO LINE**

Dimensions	Part Number	Box Qty
4" x 1/4" x 5/8"	209476	25
4-1/2" x 5/32" x 7/8"	209631	25
4-1/2" x 1/4" x 7/8"	209477	25
5" x 5/32" x 7/8"	210014	25
5" x 1/4" x 7/8"	209479	25
6" x 1/4" x 7/8"	209480	10
7" x 5/32" x 7/8"	209632	10
7" x 1/4" x 7/8"	209478	10
7" x 3/8" x 7/8"	210015	10
9" x 1/4" x 7/8"	209481	10



Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●●  
 Stock Removal: ●●●●●●●●

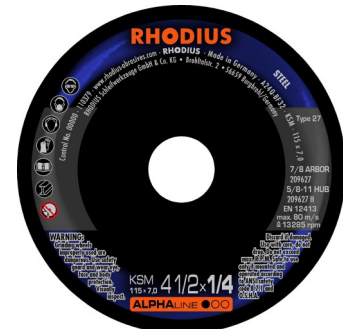
Dimensions	Part Number	Box Qty
4-1/2 x 1/8 x 7/8		25
5 x 1/8 x 7/8		25
6 x 1/8 x 7/8		10
7 x 1/8 x 7/8		10
9 x 1/8 x 7/8		10

## KSM

**ALPHA LINE**

Dimensions	Part Number	Box Qty
4" x 1/4" x 5/8"	209626	25
4-1/2" x 5/32" x 7/8"	209627	25
5" x 1/4" x 7/8"	209628	25
7" x 1/4" x 7/8"	209629	10
9" x 1/4" x 7/8"	209630	10

Hardness: ●●●●●●●●  
 Lifetime: ●●●●●●●●  
 Stock Removal: ●●●●●●●●





# Flap Discs

**Ceramic** – X weight Polyester backing, coated with a **TOP SIZED** ceramic blend. Ideally suited for rapid stock removal on stainless steel and other hardened materials. The **TOP SIZE** coating, reduces heat and loading with extended life, giving excellent **PERFORMANCE** to **COST RATIO**

## Ceramic- Fiberglass Back

Type 27 Standard Density



Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	14089	14090	14014	14087	14085	10
4-1/2"x7/8"	13,300	14015	14016	14017	14026	14027	10
5"x7/8"	12,000	14018	14019	14020	14036	14037	10
6"x7/8"	10,200	14080	14081	14082	14083	14084	10
7"x7/8"	8,600	14021	14022	14023	14073	14074	10
4"x3/8"-24	15,300	14289	14290	14214	14387	14385	10
4-1/2"x5/8"-11	13,300	14215	14216	14217	14030	14031	10
5"x5/8"-11	12,000	14218	14219	14220	14224	14239	10
6"x5/8"-11	10,200	14280	14281	14282	14283	14284	10
7"x5/8"-11	8,600	14221	14222	14223	14273	14274	10

Type 29 Standard Density



Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	14000	14001	14002	14088	14086	10
4-1/2"x7/8"	13,300	14003	14004	14005	14024	14025	10
5"x7/8"	12,000	14006	14007	14008	14032	14033	10
6"x7/8"	10,200	14075	14076	14077	14078	14079	10
7"x7/8"	8,600	14009	14010	14011	14012	14013	10
4"x3/8"-24	15,300	14200	14201	14202	14288	14286	10
4-1/2"x5/8"-11	13,300	14203	14204	14205	14028	14029	10
5"x5/8"-11	12,000	14206	14207	14208	14034	14035	10
6"x5/8"-11	10,200	14375	14376	14377	14378	14379	10
7"x5/8"-11	8,600	14209	14210	14211	14212	14213	10

## Ceramic- Plastic Back Internal Thread

Type 29

Dimensions	Max RPM	Part Number				Box Qty
		36	40	60	80	
4-1/2"x7/8"	13,300	14509	14510	14511	14512	10
5"x7/8"	12,000	14527	14518	14519	14520	10
4-1/2"x5/8"-11	13,300	14700	14701	14702	14703	10
5"x5/8"-11	12,000	14710	14711	14712	14713	10

Type 27

Dimensions	Max RPM	Part Number				Box Qty
		36	40	60	80	
4-1/2"x7/8"	13,300	14509	14510	14511	14512	10
5"x7/8"	12,000	14527	14518	14519	14520	10
4-1/2"x5/8"-11	13,300	14700	14701	14702	14703	10
5"x5/8"-11	12,000	14710	14711	14712	14713	10

# Flap Discs

Our Xtreme Zirconia are made of 100% Zirconia material. Ideal for stock removal and is extremely long lasting. These come with a plastic backing and are trimmable. The 5/8-11 arbor is an internal thread, that is included in the backing.

## Zirconia with Grinding Aid

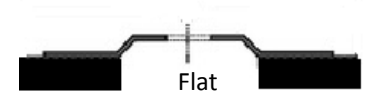
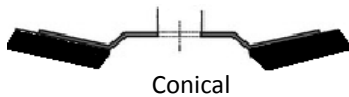
20% more cloth than High Density  
80% more cloth than Standard Density

### High Density Type 29

Dimensions	Max RPM	Part Number			Box Qty
		36	40	60	
4-1/2"x7/8"	13,300	10072	10073	10074	10
4-1/2"x5/8"-11	13,300	10272	10273	10274	10

### High Density Type 27

Dimensions	Max RPM	Part Number			Box Qty
		36	40	60	
4-1/2"x7/8"	13,300	10075	10076	10077	10
4-1/2"x5/8"-11	13,300	10275	10276	10277	10



## Zirconia XTREME- Plastic Back

*Zirconia with Grinding Aid*- Heavy X weight Polyester backing coated with a **TOP SIZED** zirconia grain. The grinding aid provides a cooler rate of cut and reduces loading. Ideally suited for rapid stock removal on harder materials.

### Type 29 Plastic Back

Dimensions	Max RPM	Part Number			Box Qty
		40	60	80	
4-1/2"x7/8"	13,300	13504	13505	13506	10
5"x7/8"	12,000	13518	13519	13520	10
4-1/2"x5/8"-11	13,300	13551	13552	13553	10
5"x5/8"-11	12,000	13561	13562	13563	10

### Type 27 Plastic Back

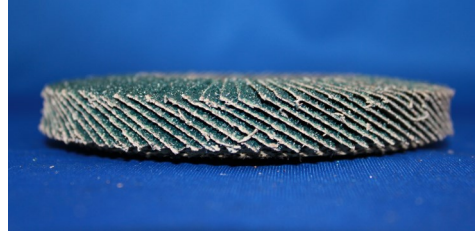
Dimensions	Max RPM	Part Number			Box Qty
		40	60	80	
4-1/2"x7/8"	13,300	13501	13502	13503	10
5"x7/8"	12,000	13521	13522	13523	10
4-1/2"x5/8"-11	13,300	13556	13557	13358	10
5"x5/8"-11	12,000	13566	13567	13568	10



# Flap Discs

**Premium Zirconia** –X weight Poly/Cotton blend. Most preferred material for flap discs worldwide. This zirconia is a self sharpening grain offering continuous rate of cut and longevity. Ideally suited for all general grinding and blending of most materials.

## Premium Zirconia- Type 29



HIGH Density

Dimensions	Max RPM	Part Number			Box Qty
		36	40	60	
4-1/2"x7/8"	13,300	11109	11110	11111	10
4-1/2"x5/8"-11	13,300	11310	11311	11312	10

HIGH Density

Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	11040	11041	11042	11043	11044	10
4-1/2"x7/8"	13,300	11045	11046	11047	11048	11049	10
5"x7/8"	12,000	11050	11051	11052	11053	11054	10
6"x7/8"	10,200	11080	11081	11082	11083	11084	10
7"x7/8"	8,600	11055	11056	11057	11058	11059	10
4"x3/8"-24	15,300	11241	11242	11243	11244	11245	10
4-1/2"x5/8"-11	13,300	11246	11247	11248	11249	11250	10
5"x5/8"-11	12,000	11251	11252	11253	11254	11255	10
6"x5/8"-11	10,200	11281	11282	11283	11284	11285	10
7"x5/8"-11	8,600	11256	11257	11258	11259	11260	10

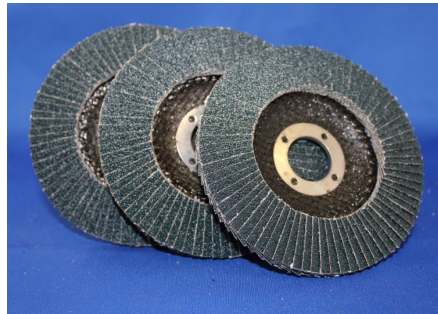


Standard Density

Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	11000	11001	11002	11003	11004	10
4-1/2"x7/8"	13,300	11005	11006	11007	11008	11009	10
5"x7/8"	12,000	11010	11011	11012	11013	11014	10
6"x7/8"	10,200	11090	11091	11092	11093	11094	10
7"x7/8"	8,600	11015	11016	11017	11018	11019	10
4"x3/8"-24	15,300	11201	11202	11203	11204	11205	10
4-1/2"x5/8"-11	13,300	11206	11207	11208	11209	11210	10
5"x5/8"-11	12,000	11211	11212	11213	11214	11215	10
6"x5/8"-11	10,200	11291	11292	11293	11294	11295	10
7"x5/8"-11	8,600	11216	11217	11218	11219	11220	10

# Flap Discs

## Premium Zirconia- Type 27



HIGH Density

Dimensions	Max RPM	Part Number			Box Qty
		36	40	60	
4-1/2"x7/8"	13,300	11112	11113	11114	10
4-1/2"x5/8"-11	13,300	11313	11314	11315	10

HIGH Density

Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	11060	11061	11062	11063	11064	10
4-1/2"x7/8"	13,300	11065	11066	11067	11068	11069	10
5"x7/8"	12,000	11070	11071	11072	11073	11074	10
6"x7/8"	10,200	11085	11086	11087	11088	11089	10
7"x7/8"	8,600	11075	11076	11077	11078	11079	10
4"x3/8"-24	15,300	11261	11262	11263	11264	11265	10
4-1/2"x5/8"-11	13,300	11266	11267	11268	11269	11270	10
5"x5/8"-11	12,000	11271	11272	11273	11274	11275	10
6"x5/8"-11	10,200	11286	11287	11288	11289	11290	10
7"x5/8"-12	8,600	11276	11277	11278	11279	11280	10

Standard Density

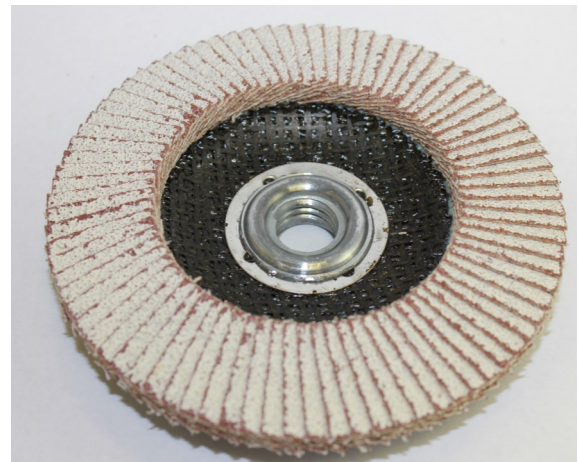
Dimensions	Max RPM	Part Number					Box Qty
		36	40	60	80	120	
4"x5/8"	15,300	11020	11021	11022	11023	11024	10
4-1/2"x7/8"	13,300	11025	11026	11026	11028	11029	10
5"x7/8"	12,000	11030	11031	11032	11033	11034	10
6"x7/8"	10,200	11095	11096	11097	11098	11099	10
7"x7/8"	8,600	11035	11036	11037	11038	11039	10
4"x3/8"-24	15,300	11221	11222	11223	11224	11225	10
4-1/2"x5/8"-11	13,300	11226	11227	11228	11229	11230	10
5"x5/8"-11	12,000	11231	11232	11233	11234	11235	10
6"x5/8"-11	10,200	11296	11297	11298	11299	11300	10
7"x5/8"-11	8,600	11236	11237	11238	11239	11240	10

# Flap Discs

## Aluminum Cut- Premium ALOX with Stearate

X weight Poly/Cotton blend aluminum oxide with a stearate. Designed for Aluminum, reduces heat and load-

Dimensions	Max RPM	Part Number		Grit	Box Qty
		Type 29	Type 27		
4-1/2"x7/8"	13,300	15000	15006	36	10
5"x7/8"	12,000	15002	15008	36	10
7"x7/8"	8,600	15004	15010	36	10



Dimensions	Max RPM	Part Number		Grit	Box Qty
		Type 29	Type 27		
4-1/2"x5/8"-11	13,300	15200	15206	36	10
5"x5/8"-11	12,000	15202	15208	36	10
7"x5/8"-11	8,600	15204	15210	36	10

## SMART PACK- Zirconia Flap Discs

The Smart Pack from Rhodius comprises of 100 fast stock removal flap discs. 10 packs of 10 discs shrink wrapped and placed into a 100 pack box. **LOWER COST, GREAT VALUE.**

Dimensions	Part Number					Type	Box Qty
	36	40	60	80	120		
4-1/2"x7/8"	17004	17000	17001	17002	17003	29	100
4-1/2"x7/8"	17005	17006	17007	17008	17009	27	100
4-1/2"x5/8"-11	17209	17200	17201	17202	17203	29	50
4-1/2"x5/8"-11	17204	17206	17207	17208	17210	27	50



## Vision Discs

Type 29

Zirconia with Grinding Aid

Diameter	Max RPM	Part Number			Box Qty
		40	60	80	
4-1/2"x7/8"	13,285	209385	209386	209387	10
5"x7/8"	12,200	209389	209389	209390	10

Non-Woven

Diameter	Max RPM	Part Number			Box Qty
		Coarse	Medium	Fine	
4-1/2"x7/8"	13,285	209391	209392	209393	10
5"x7/8"	12,200	209395	209396		10

Vision Discs are a uniquely designed PATENTED product that allows you to view your work as you are grinding and or polishing. Due to the precise removal of strategic parts of the disc, combined with the black backing of the disc, a vacuum is created allowing for visibility while the disc is in use.



# Resin Fiber Discs

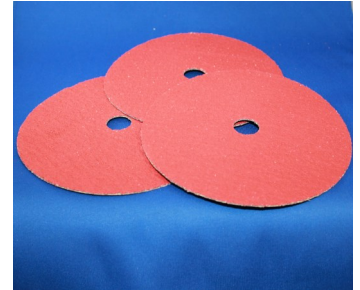
Rhodium resin fiber discs are made of premium Aluminum Oxide, Zirconia and Ceramic. RFD promotes aggressive, self sharpening, long lasting abrasive grains. The grains are coated on heavy duty vulcanized fiber discs by an electrostatic coating process, then bonded to them with a special phenolic resin.

**Applications:** Grinding, stock removal, surface leveling, blending, and finishing

**For Use On:** Ferrous and Non-Ferrous Metals

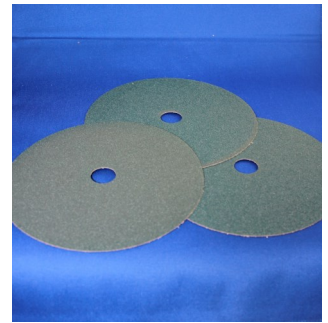
## Ceramic

Dimensions	Max RPM	Part Number					Box Qty
		24	36	50	60	80	
4-1/2"x7/8"	13,300	83000	83001	83002	83003	83004	25
5"x7/8"	12,000	83010	83005	83006	83007	83008	25
7"x7/8"	8,600	83009	83011	83012	83013	83014	25



## Premium Zirconia

Dimensions	Max RPM	Part Number						Box Qty
		16	24	36	50	60	80	
4"x5/8"	15,300	81000	81001	81002	81003	81004	81005	25
4-1/2"x7/8"	13,300	81006	81007	81008	81009	81010	81011	25
5"x7/8"	12,000	81012	81013	81014	81015	81016	81017	25
7"x7/8"	8,600	81018	81019	81020	81021	81022	81023	25



## Premium Aluminum Oxide

Dimensions	Max RPM	Part Number								Box Qty
		16	24	36	50	60	80	100	120	
4"x5/8"	15,300	80000	80001	80002	80003	80004	80005	80006	80007	25
4-1/2"x7/8"	13,300	80008	80009	80010	80011	80012	80013	80014	80015	25
5"x7/8"	12,000	80016	80017	80018	80019	80020	80021	80022	80023	25
7"x7/8"	8,600	80024	80025	80026	80027	80028	80029	80030	80031	25
9"x7/8"	6,500	80032	80033	80034	80035	80036	80037	80038	80039	25



\* All Resin Fiber Discs available with Smart Lock System, add \$0.50 to net price and refer to customer service for part number

## Back -Up Pads

Dimensions	Part #	Box Qty
4"	82000	1
4-1/2"	82001	1
5"	82002	1
7"	82003	1



# Flap Wheels

## Premium Aluminum Oxide 1/4" Shank

Dimensions	Max RPM	Part Number							Box Qty
		40	60	80	120	180	240	320	
1/4"x3/4"	30,000	20072	20073	20074	20075	20076	20077	20078	10
3/4"x3/4"	30,000	20079	20000	20001	20002	20080	20053	20081	10
1"x1/2"	30,000	20082	20003	20004	20005	20083	20084	20085	10
1"x5/8"	30,000	20086	20006	20007	20008	20087	20088	20089	10
1"x3/4"	30,000	20090	20091	20092	20093	20094	20095	20096	10
1"x1"	30,000	20009	20010	20011	20012	20065	20013	20062	10
1-1/2"x1/2"	30,000	20097	20014	20015	20016	20098	20099	20100	10
1-1/2"x1"	30,000	20056	20017	20018	20019	20050	20101	20102	10
2"x1/2"	25,000	20103	20020	20021	20022	20104	20058	20059	10
2"x3/4"	25,000	20055	20023	20024	20025	20105	20106	20107	10
2"x1"	25,000	20057	20026	20027	20028	20051	20029	20030	10
2"x1-1/2"	25,000	20068	20067	20066	20064	20069	20070	20071	10
2"x2"	25,000	20108	20109	20110	20111	20112	20113	20114	10
2-1/2"x1/2"	23,000	20116	20031	20032	20033	20117	20118	20119	10
2-1/2"x1"	23,000	20034	20035	20036	20037	20061	20063	20120	10
2-1/2"x1-1/2"	23,000	20121	20122	20123	20124	20125	20126	20127	10
3"x1/2"	23,000	20054	20038	20039	20040	20128	20129	20130	10
3"x3/4"	23,000	20131	20132	20133	20134	20135	20136	20137	10
3"x1"	23,000	20049	20041	20042	20043	20052	20044	20045	10
3"x2"	20,000	20138	20046	20047	20048	20139	20140	20141	10

\*Other grits and sizes are available upon request. Minimum orders may apply.

Rhodium Flap Wheels are made from X-weight, full cotton backed premium Aluminum Oxide abrasive cloth and provide a consistent finish with a uniform rate of cut. Flap Wheels continually wear away, exposing fresh abrasive throughout the total life of the wheel. Flap Wheels conform to most shapes as they are used.

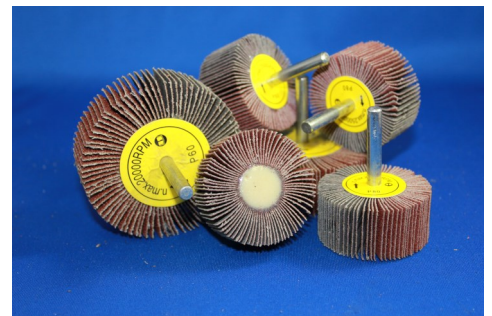
Flap Wheels are either mounted or unmounted

Shank mounted flap wheels are available with a 1/4", 1/8" and 1/4"-20 threaded shanks.

Unmounted flap wheels come with arbor holes of 5/8" thru 1-1/4"

### Applications :

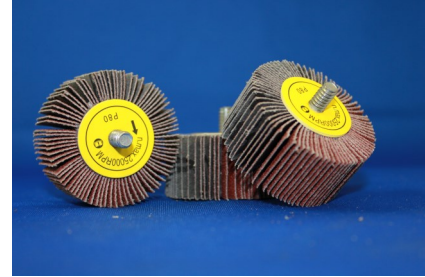
Finishing, Rust removal, Deburring, Surface grinding, Beveling



# Flap Wheels

## Premium Aluminum Oxide 1/4"-20 Threaded

Dimensions	Max RPM	Part Number					Box Qty
		40	60	80	120	240	
3/4"x3/8"	30,000	21042	21043	21044	21045	21046	10
1"x1/2"	30,000	21052	21005	21006	21007	21053	10
1"x5/8"	30,000	21054	21039	21041	21040	21055	10
1"x1"	30,000	21000	21001	21002	21003	21004	10
1-3/16"x3/8"	30,000	21047	21048	21049	21050	21051	10
1-1/2"x1/2"	30,000	21056	21008	21009	21010	21057	10
1-1/2"x1"	30,000	21058	21011	21012	21013	21014	10
2"x1/2"	25,000	21059	21015	21016	21017	21060	10
2"x1"	25,000	21018	21019	21020	21021	21022	10
2"x1-1/2"	25,000	21067	21068	21069	21037	21070	10
2-1/2"x1/2"	23,000	21061	21023	21024	21025	21062	10
2-1/2"x1"	23,000	21063	21026	21027	21028	21064	10
3"x1/2"	23,000	21065	21029	21030	21031	21066	10
3"x1"	23,000	21032	21033	21034	21035	21036	10



## Premium Unmounted- Poly-Cotton 'Backing' Weight

Dimensions	Max RPM	Part Number								Box Qty
		40	60	80	120	150	180	240	320	
4"x1"x5/8"	8,600	28018	28019	28020	28021	28022	28023	28024	28025	1
4"x2"x5/8"	8,600	28026	28027	28028	28029	28030	28031	28032	28033	1
6"x1/2"x1"	5,700	28034	28035	28036	28037	28038	28039	28040	28041	1
6"x1"x1"	5,700	28042	28000	28001	28002	28043	28044	28045	28046	1
6"x1-1/2"x1"	5,700	28061	28003	28004	28005	28062	28063	28064	28065	1
6"x2"x1"	5,700	28016	28006	28007	28008	28047	28048	28049	28050	1
8"x1"x1"	5,200	28051	28009	28010	28011	28052	28053	28054	28055	1
8"x2"x1"	5,200	28056	28012	28013	28014	28057	28058	28059	28060	1

Unmounted Flap Wheels are U.S. made with premium Aluminum Oxide. They are to be used on Bench Grinders and Flexi Shaft Grinders.

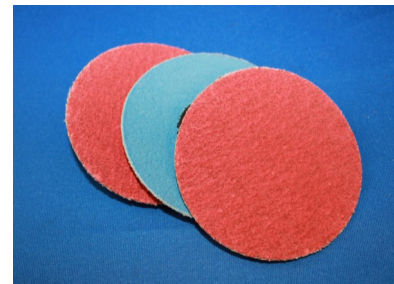


# Quick Change Discs

Rhodium Quick Change Discs (QCD) are made of premium coated materials, Aluminum Oxide, Zirconia with Grinding Aid and Ceramic. Rhodium also offers QCD in non-woven material for surface conditioning. QCD come in 2" and 3" diameters with Type R and Type S locking systems. Rhodium QCD provide a fast and effective method for deburring, blending, finishing and polishing on all types of metals. Ideal for right angle or straight shaft air tools, and on flexible shaft grinders

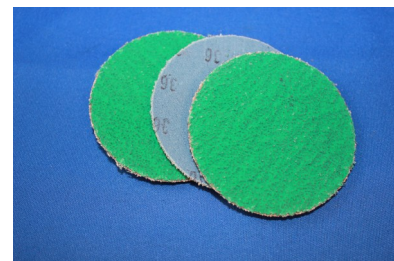
## Ceramic

Dimensions	Max RPM	Part Number					Box Qty
		24	36	50	60	80	
4-1/2"x7/8"	13,300	83000	83001	83002	83003	83004	25
5"x7/8"	12,000	83010	83005	83006	83007	83008	25
7"x7/8"	8,600	83009	83011	83012	83013	83014	25



## Zirconia with Grinding Aid

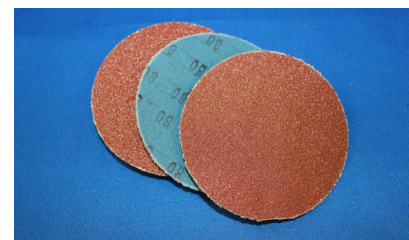
Dimensions	Max RPM	Part Number						Type	Box Qty
		24	36	50	60	80	120		
2"	30,000	66000	66001	66002	66003	66004	66005	R	100
2"	30,000	66500	66501	66502	66503	66504	66505	S	100
3"	20,000	66010	66011	66012	66013	66014	66015	R	50
3"	20,000	66510	66511	66512	66513	66514	66515	S	50



## Premium Aluminum Oxide

Dimensions	Max RPM	Part Number								Type	Box Qty
		24	36	50	60	80	120	150	180		
1-1/2"	30,000	64003	64004	64001	64005	64006	64002	64007	64008	R	100
2"	30,000	65000	65001	65002	65003	65004	65005	65006	65007	R	100
2"	30,000	65500	65501	65502	65503	65504	65505	65506	65507	S	100
3"	20,000	65010	65011	65012	65013	65014	65015	65016	65017	R	50
3"	20,000	65510	65511	65512	65513	65514	65515	65516	65517	S	50

\*Other grits and sizes are available upon request. Minimum orders may apply.



# Non-Woven

## Surface Conditioning Pads

Part #	Dimensions	Grit	Type	Box Qty
69000	2"	C	R	100
69001	2"	M	R	100
69002	2"	VF	R	100
69003	3"	C	R	50
69004	3"	M	R	50
69005	3"	VF	R	50
69500	2"	C	S	100
69501	2"	M	S	100
69502	2"	VF	S	100
69503	3"	C	S	50
69504	3"	M	S	50
69505	3"	VF	S	50



Quick change discs are best used to remove welds, debur, blend tool marks and for finishing. These discs grind and finish in a single operation. They offer a smooth and controlled grind as well as no smearing on titanium or stainless steel.

VF– Very Fine      M- Medium      C– Course



## Rubber Holder Pads

Diameter	Type	Shank	Part #	Box Qty
1-1/2"	R	1/4"	55200	1
1-1/2"	S	1/4"	55201	1
2"	R	1/4"	55004	1
2"	S	1/4"	55014	1
3"	R	1/4"	55009	1
3"	S	1/4"	55019	1
4"	R	1/4"	55010	1
4"	S	1/4"	55011	1

## Interleaf Flap Wheels

Non-woven finishing flap wheels are designed for blending and finishing applications found in the metal fabrication, welding and polishing industries. Non-woven flap wheels are available with: non-woven flaps only, where finishing is the primary application. Also available in interleaf, with alternating cloth and non-woven abrasive flaps for stock removal and finishing.

Dimensions	Max RPM	Part Number				Box Qty
		240 VF	120F	80M	60C	
1-1/2"x1"	15,000	41000	41001	41002	41003	10
2"x1"	12,000	41004	41005	41006	41007	10
2"x2"	12,000	41008	41009	41010	41011	10
2-1/2"x1"	12,000	41012	41013	41014	41015	10
3"x1"	8,600	41016	41017	41018	41019	10
3"x2"	8,600	41020	41021	41022	41023	10



# Clean and Strip

Rhodium clean and strip products are made from an extra coarse grade silicon carbide. This product category is offered in the following styles:

- Type 1 wheels
- Type 2 and Type 3 quick change locking systems
- T27 disc style

Great for maintenance applications, cleaning and conditioning. Safe alternative to wire wheels and scrapers.

## Discs- Type 27

Diameter	Arbor	Type	Part #	Box Qty
4-1/2"	7/8"	T27	45000	10
7"	7/8"	T27	45001	10
4-1/2"	5/8"-11	T27	45010	10
7"	5/8"-11	T27	45011	10

## Type 1

Diameter	Arbor	Type	Part #	Box Qty
3"x1/2"	1/4"	T1	45200	10
4"x1/2"	1/4"	T1	45201	10
4"x1"	1/2"	T1	45202	10
4-1/2"x1/2"	1/2"	T1	45203	10
5"x1/2"	1/2"	T1	45204	10
6"x1/2"	1/2"	T1	45205	10
8"x1/2"	1/2"	T1	45207	10

## Shank Mounted Wheels

Diameter	Arbor	Type	Part #	Box Qty
2"x1/2"	1/4"	Shank	45208	10
2"x1"	1/4"	Shank	45209	10
3"x1/2"	1/4"	Shank	45210	10
3"x1"	1/4"	Shank	45211	10
4"x1/2"	1/4"	Shank	45212	10
4"x1"	1/4"	Shank	45213	10

## Type R

Diameter	Type	Part #	Box Qty
2"	R	45215	10
3"	R	45216	10
4"	R	45217	10

### Black/Coarse



#### Applications:

- Cleaning
- Stripping

#### For Use On:

- Rust, Oxides, Paint, Labels, and Surface prep



\*Other grits and sizes are available upon request. Minimum orders may apply.

# Speciality

## Black

Silicone Carbide Grinding Discs

Dimensions	Max RPM	Part Number			Box Qty
		C16	C24	C36	
4-1/2"x7/8"	15,000	46000	46001	46002	25
7"x7/8"	12,000	46003	46004	46005	25

Black, silicone grinding discs, are designed for removal of surfaces on concrete, epoxy, and paint. This rigid disc does not require a backing plate.



## Green

Ceramic Grinding Discs

Dimensions	Spec.	Part #	Box Qty
4" x 5/8"	36	50000	25
4-1/2" x 7/8"	36	50001	25
4-1/2" x 5/8"-11	36	50002	10
5" x 7/8"	36	50003	25
5" x 5/8"-11	36	50004	10
7" x 7/8"	36	50005	10
7" x 5/8"-11	36	50006	10



Green Discs are a combination of Aluminum Oxide and Zirconium Oxide in a proprietary bond for rapid stock removal. Unique construction allows for cool, quiet and chatter free operation with reduced operator fatigue. Virtually iron free, it is recommended for stainless steel, mild steel, aluminum, titanium and all nickel alloys.

## Max Flex Cotton Fiber Wheel

Dimensions	Part Number		Box Qty
	A36	A54	
4-1/2"x7/8"	50102	50100	10
7"x7/8"	50103	50104	10

## Stringer Bead Twist

Diameter	# of Knots	Knot Width	Trim Length	Thread Size	Type	Max RPM	Part #	Box Qty
4"	32	3/16"	3/4"	5/8"-11	Tempered	20	60000	6
4"	32	3/16"	3/4"	5/8"-11	Stainless	20	60001	6
6"	50	3/16"	1-3/8"	5/8"-11	Tempered	12.5	60002	10
7"	56	3/16"	1-3/8"	5/8"-11	Tempered	12.5	60003	10

**Stringer Bead**— narrow face profile brush for hard to reach areas. Primarily used for weld cleaning and scale removal in confined areas

## Knot Wheel

Diameter	Wire Type	Wire Diameter	Trim Length	Arbor Hole	Type	Max RPM	Part #	Box Qty
4-1/2"	.020"	1/2"	1"	5/8"-11	Tempered	15	60004	6
4-1/2"	.020"	1/2"	1"	5/8"-11	Stainless	8.5	60005	6
6"	.020"	1/2"	1-3/8"	5/8"-11	Tempered	6	60006	10

**Knot Wheel**— Rapid metal removal capacity and rugged construction allow this brush to handle the toughest applications

## Knot Cup

Diameter	Wire Diameter	Trim Length	Arbor Hole	Max RPM	Type	Part #	Box Qty
2-3/4"	.20"	3/4"	5/8"-11	15	Tempered	60007	6
4"	.20"	1-1/16"	5/8"-11	8.5	Tempered	60008	1
6"	.20"	1-3/8"	5/8"-11	6	Tempered	60009	1

**Knot Cup**— Designed for fast metal removal rates and ion durability on large surface areas.

## Crimped Cup

Diameter	Wire Diameter	Trim Length	Arbor Hole	Max RPM	Type	Part #	Box Qty
3"	.12"	7/8"	5/8"-11	15	Tempered	60010	6
4"	.20"	1-3/16"	5/8"-11	8.5	Tempered	60011	6
6"	.20"	1-9/16"	5/8"-11	6	Tempered	60012	6

**Crimped Cup**- Designed for general purpose metal removal on large surface areas.



## SELECTION BY CUT:

### Single Cut:

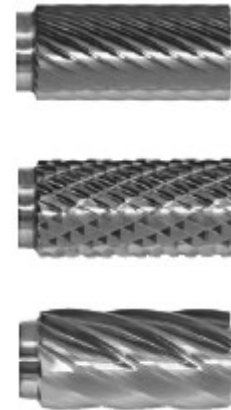
Single Cut Burs offer the best surface finish due to the largest flute contact patch, but demands the operator to put forth more control and skill.

### Double Cut:

Double Cut Burs are the most popular. The right and left hand flutes provide the operator with easier control while still offering a good surface finish.

### Aluminum Cut:

Non-Ferrous burs provide a single flute geometry which allows for improved cutting performance and chip evacuation in aluminum, aluminum alloys, plastics and non-ferrous materials.



## SELECTION BY SIZE:

### Mini Burs:

These are the smallest burs available and are ideal for small and/or fragile projects. Every miniature bur's shank diameter is 1/8"

### Regular Size Burs:

All regular size burs have a shank diameter of 1/4". They offer brazed carbide heads and polished shanks with a brazing strength of 3500 psi.

### Long Series Burs:

All long series burs have a solid 6" steel shank. The long shanks are ideal when a long reach is required.

### Flexible Shank Burs:

Extended Flexible Shanks, up to 24", are available upon request.



\*TiN and AlTiN coated burs available. Coating Colors are subject to change without prior notice.

## A- Series | Cylindrical



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
1/8"x1/2"	SA-43	1/8"	30000	31000	
1/4"x1/2"	SA-51	1/8"	30002	31002	
1/4"x3/4"	SA-1	1/4"	30003	31003	32000
5/16"x3/4"	SA-2	1/4"	30004	31004	
3/8"x3/4"	SA-3	1/4"	30005	31005	32001
7/16"x1"	SA-4	1/4"		31126	
1/2"x1"	SA-5	1/4"	30006	31006	32002
5/8"x1"	SA-6	1/4"	30007	31007	32003
3/4"x1"	SA-7	1/4"	30008	31008	
1"x1"	SA-9	1/4"		31009	
5/6"x2-1/8"	SA-14	1/4"		31140	

## B- Series | Cylindrical End Cut



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
1/16"x1/4"	SB-41	1/8"		31118	
1/8"x1/2"	SB-43	1/8"	30012	31013	
1/4"x1/2"	SB-51	1/8"	30013	31014	
1/4"x3/4"	SB-1	1/4"	30014	31015	32004
5/16"x3/4"	SB-2	1/4"	30015	31016	
3/8"x3/4"	SB-3	1/4"	30016	31017	32005
5/32"x5/8"	SB-13	1/4"	30017	31018	
1/2"x1"	SB-5	1/4"	30018	31019	32006
5/8"x1"	SB-6	1/4"	30019	31020	32007
3/4"x1"	SB-7	1/4"	30020	31021	
1"x1"	SB-9	1/4"		31022	

## C- Series | Cylindrical



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
3/32"x7/16"	SC-41	1/8"	30024	31026	
1/8"x1/2"	SC-42	1/8"	30025	31027	
1/4"x1/2"	SC-51	1/8"	30026	31028	
1/4"x3/4"	SC-1	1/4"	30027	31030	32008
5/16"x3/4"	SC-2	1/4"	30028	31031	
3/8"x3/4"	SC-3	1/4"	30029	31032	32009
5/32"x5/8"	SC-13	1/4"	30030		
3/16"x5/8"	SC-14	1/4"		31029	
1/2"x1"	SC-5	1/4"	30031	31034	32010
5/8"x1"	SC-6	1/4"	30032	31035	32011
3/4"x1"	SC-7	1/4"	30033	31036	
1"x1"	SC-9	1/4"		31127	

## D- Series | Ball



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
3/32"x3/32"	SD-41	1/8"	30037	31040	
1/8"x1/8"	SD-42	1/8"	30038	31041	
1/4"x1/4"	SD-51	1/8"	30039	31042	
1/4"x1/4"	SD-1	1/4"	30040	31043	32012
5/16"x5/16"	SD-2	1/4"	31122		
3/8"x3/8"	SD-3	1/4"	30041	31044	32013
7/16"x7/16"	SD-4	1/4"		31045	
1/2"x1/2"	SD-5	1/4"	30042	31046	32014
5/8"x5/8"	SD-6	1/4"	30043	31047	
3/4"x3/4"	SD-7	1/4"	30044	31048	

## E- Series | Oval



Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
3/16"x9/32"	SE-53	1/8"		31147
1/8"x1/4"	SE-41	1/8"	30047	31052
1/4"x3/8"	SE-51	1/8"	30048	31053
5/16"x1/2"	SE-2	1/4"	31123	31125
1/4"x3/8"	SE-1	1/4"	30049	31054
3/8"x5/8"	SE-3	1/4"	30050	31055
1/2"x7/8"	SE-5	1/4"	30051	31056
5/8"x1"	SE-6	1/4"	30052	31057
3/4"x1"	SE-7	1/4"		31131

## F- Series | Round Tree Radius



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
1/8"x1/4"	SF-41	1/8"	30053	31058	
1/8"x1/2"	SF-42	1/8"	30054	31059	
1/4"x1/2"	SF-51	1/8"	30055	31060	
3/16"x1/2"	SF-53	1/8"		31145	
1/4"x5/8"	SF-1	1/4"	30056	31061	32016
3/8"x3/4"	SF-3	1/4"	30057	31062	
7-16"x1"	SF-4	1/4"		31146	
1/2"x1"	SF-5	1/4"	30058	31064	32017
5/8"x1"	SF-6	1/4"	30059	31065	32018
3/4"x1"	SF-7	1/4"	30060	31066	
1/2"x3/4"	SF-13	1/4"		31063	

## G- Series | Pointed Tree



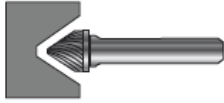
Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x1/4"	SG-41	1/8"	30063	31069
1/8"x1/2"	SG-44	1/8"	30064	31070
1/4"x1/2"	SG-51	1/8"	30065	31071
1/4"x5/8"	SG-1	1/4"	30066	31072
5/16"x3/4"	SG-2	1/4"		31139
3/8"x3/4"	SG-3	1/4"	30067	31073
1/2"x3/4"	SG-13	1/4"	30068	31074
1/2"x1"	SG-5	1/4"	30069	31075
5/8"x1"	SG-6	1/4"	30070	31076

## H-Series | Flame



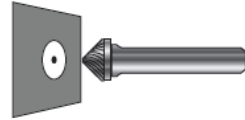
Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x5/16"	SH-41	1/8"	30073	31079
1/4"x1/2"	SH-1	1/4"	30074	31080
5/16"x3/4"	SH-2	1/4"	30075	31081
1/2"x1-1/4"	SH-5	1/4"	30076	31082
5/8"x1-7/16"	SH-6	1/4"		31124
3/4"x1-5/8"	SH-7	1/4"		31083

## J-Series | 60° Included Cone



Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x3/32"	SJ-42	1/8"	30077	31084
1/4"x3/16"	SJ-1	1/4"	30078	31085
3/8"x5/16"	SJ-3	1/4"	30079	31086
1/2"x7/16"	SJ-5	1/4"	30080	31087
5/8"x9/16"	SJ-6	1/4"	30081	31088
3/4"x11/16"	SJ-7	1/4"	30082	31089

## K-Series | 90° Included Cone



Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x1/16"	SK-42	1/8"	30083	31090
1/4"x1/8"	SK-1	1/4"	30084	31091
3/8"x3/16"	SK-3	1/4"	30085	31092
1/2"x1/4"	SK-5	1/4"	30086	31093
5/8"x5/16"	SK-6	1/4"	30087	31094
3/4"x3/8"	SK-7	1/4"	30088	31095

## L-Series | 14° Inclined Angle



Dimensions	Type	Shank	Part #		
			Single Cut	Double Cut	Non Ferrous
1/8"x1/2"	SL-42	1/8"	30089	31096	
1/4"x5/8"	SL-1	1/4"	30090	31097	32019
3/8"x3/4"	SL-2	1/4"		31136	
3/8"x1"	SL-3	1/4"	30091	31098	32020
1/2"x1-3/16"	SL-4	1/4"	30092	31099	32021
5/8"x1-1/4"	SL-5	1/4"	30093	31100	32022
3/4"x1-1/2"	SL-7	1/4"		31101	

## M-Series | Cone

Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x3/8"	SM-41	1/8"	30097	31105
1/8"x7/16"	SM-42	1/8"	30098	31106
1/8"x5/8"	SM-43	1/8"	30099	31107
1/4"x1/2"	SM-51	1/4"	30100	31108
1/4"x1/2"	SM-1	1/4"	30101	31109
1/4"x3/4"	SM-2	1/4"	30102	31110
1/4"x1"	SM-3	1/4"	30103	31111
3/8"x5/8"	SM-4	1/4"	30104	31112
1/2"x7/8"	SM-5	1/4"	30105	31113
5/8"x1"	SM-6	1/4"	30106	31114

## N-Series | Inverted Cone

Dimensions	Type	Shank	Part #	
			Single Cut	Double Cut
1/8"x1/4"	SN-42	1/8"	30107	31115
1/4"x1/4"	SN-1	1/4"	30108	31116
1/2"x1/2"	SN-4	1/4"	30109	31117

\*TiN and AlTiN coated burs available. Coating Colors are subject to change without prior notice.

## Long Series

## A- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
1/8"x1/2"	SA-43L3	1/4"	31001
1/4"x3/4"	SA-1L6	1/4"	31010
3/8"x3/4"	SA-3L6	1/4"	31011
1/2"x1"	SA-5L6	1/4"	31012

## B- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
1/4"x3/4"	SB-1L6	1/4"	31023
3/8"x3/4"	SB-3L6	1/4"	31024
1/2"x1"	SB-5L6	1/4"	31025

## C- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
1/4"x3/4"	SC-1L6	1/4"	31037
3/8"x3/4"	SC3L6	1/4"	31038
1/2"x1"	SC-5L6	1/4"	31039

## D- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
3/8"x3/8"	SD-3L6	1/4"	31050
1/2"x1/2"	SD-5L6	1/4"	31051

## F- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
3/8"x3/4"	SF-3L6	1/4"	31067
1/2"x1"	SF-5L6	1/4"	31068

## G- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
3/8"x3/4"	SG-3L6	1/4"	31077
1/2"x1"	SG-5L6	1/4"	31078

## L- Series

Dimensions	Type	Shank	Part #
<b>Double Cut</b>			
3/8"x1"	SL-3L6	1/4"	31102
1/2"x1-3/16"	SL-4L6	1/4"	31103
5/8"x1-1/4"	SL-5L6	1/4"	31104

## Flexi-Burs

\*All 3/8" and 1/2" diameter burs available with flexible shanks (8" - 18") Please call Customer Service for price, availability, and part numbers.



## 4 Piece Alu Cut- 1/4" Shank



Dimensions	Type	Style	Part #
1/2"x1"	SA-5 NF	Cylinder	32002
1/2"x1"	SC-5 NF	BN Cylinder	32010
1/2"x1/2"	SD-5 NF	Ball	32014
1/2"x1"	SF-5 NF	Ball Nose Tree	32017

## 8 Piece Double Cut- 1/4" Shank

Dimensions	Type	Style	Part #
1/2"x1"	SA-5 DC	Cylinder	31006
3/8"x3/4"	SC-3 DC	BN Cylinder	31032
1/2"x1"	SC-5 DC	BN Cylinder	31034
3/8"x3/4"	SF-3 DC	Ball Nose Tree	31062
1/2"x1"	SF-5 DC	Ball Nose Tree	31064
1/2"x1-1/4"	SL-4 DC	Ball Nose Cone	31099
1/2"x1/2"	SD-5 DC	Ball	31046
3/8"x3/4"	SG-3 DC	Tree	31073



# Annular Cutters

## Cobalt- M35

Dimensions	1" DOC	2" DOC
7/16"	36,100	36142
1/2"	36,101	36143
9/16"	36,102	36144
5/8"	36,103	36145
11/16"	36,104	36146
3/4"	36,105	36147
13/16"	36,106	36148
7/8"	36,107	36149
15/16"	36,108	36150
1"	36,109	36151
1.1/16"	36,110	36152
1.1/8"	36,111	36153
1.3/16"	36,112	36154
1.1/4"	36,113	36155
1.5/16"	36,114	36156
1.3/8"	36,115	36157
1.7/16"	36,116	36158
1.1/2"	36,117	36159
1.9/16"	36,118	36160
1.5/8"	36,119	36161
1.11/16"	36,120	36162
1.3/4"	36,121	36163
1.13/16"	36,122	36164
1.7/8"	36,123	36165
1.15/16"	36,124	36166
2"	36,125	36167
2.1/16"	36,126	36168
2.1/8"	36,127	36169
2.3/16"	36,128	36170
2.1/4"	36,129	36171
2.5/16"	36,130	36172
2.3/8"	36,131	36173
2.7/16"	36,132	36174
2.1/2"	36,133	36175
2.9/16"	36,134	36176
2.5/8"	36,135	36177
2.11/16"	36,136	36178
2.3/4"	36,137	36179
2.13/16"	36,138	36180
2.7/8"	36,139	36181
2.15/16"	36,140	36182
3"	36,141	36183

Our Cobalt Cutters offer a longer life and better performance. They are available in 1", 2" and 3". All standard cutters come with a shank size of 3/4"



## High Speed Steel- M2

Dimensions	1" DOC	2" DOC
7/16"	36,000	36026
1/2"	36,001	36027
9/16"	36,002	36028
5/8"	36,003	36029
11/16"	36,004	36030
3/4"	36,005	36031
13/16"	36,006	36032
7/8"	36,007	36033
15/16"	36,008	36036
1"	36,009	36037
1.1/16"	36,010	36038
1.1/8"	36,011	36039
1.3/16"	36,012	36040
1.1/4"	36,013	36041
1.5/16"	36,014	36042
1.3/8"	36,015	36043
1.7/16"	36,012	36044
1.1/2"	36,016	36045
1.9/16"	36,017	36046
1.5/8"	36,018	36047
1.11/16"	36,019	36048
1.3/4"	36,020	36049
1.13/16"	36,021	36050
1.7/8"	36,022	36051
1.15/16"	36,023	36052
2"	36,024	36053

Our High Speed Steel Cutters are designed to fit our magnetic base drills, but also fit in other tools (lathes, pillar drills, and machining center). Offers a long life and excellent performance



# Magnetic Base Drills

## EQ35N



Cutter Capacity: 12-35mm  
 Chuck Capacity: 1/2"  
 No Load Speed: 750 rpm  
 Weight: 11.5 kg  
 Dimensions: L280mm  
                   H390mm  
                   W150mm  
 Part Number 36503

## EQ50



Cutter Capacity: 12-50mm  
 Chuck Capacity: 5/8"  
 No Load Speed: 280/500 rpm  
 Weight: 18.5 kg  
 Dimensions: L290mm  
                   H458mm  
                   W105mm  
 Part Number 36504

## EQ100



Cutter Capacity: 12-100mm  
 Twist Drill Capacity: 32mm  
 Chuck Capacity: 3/4"  
 No Load Speed: 40/130 145/430 rpm  
 Weight: 26 kg  
 Dimensions: L375mm  
                   H505mm  
                   W130mm  
 Part Number 36502

## Airbor



Cutter Capacity: 12-50mm  
 Chuck Capacity: 13mm  
 No Load Speed: 400rpm  
 Weight: 13 kg  
 Dimensions: L260mm  
                   H500mm  
                   W300mm  
 Part Number 36500

## Hydraulic

Cutter Capacity: 12-60mm  
 Stroke: 160mm  
 Speed: 50-400 rpm  
 Weight: 21 kg  
 Dimensions: L330mm  
                   H420mm  
                   W225mm  
 Part Number 36505



# CONDITIONS OF SALES

**ORDERING:** All items should be ordered by part number and placed through your local Rhodius distributor, they stock many of our products for your convenience. Call us for the one nearest you.

**MINIMUM ORDER:** Each order must be \$50.00 Net Per Invoice to a single destination. Each item must be ordered in a full "Standard package."

**PRICING:** Prices listed in this catalog are consumer list prices and subject to change without notice, although every effort will be made to announce any changes 30 days in advance. Stenographical and clerical errors, should they occur, are subject to correction. All agreements, which include sales, are contingent upon strikes, fires, accidents, delays and nature or other causes unavoidable beyond our control.

**TERMS OF PAYMENT:** Terms are net 30 days. All invoices over 60 days will be considered delinquent, and all in-house orders will be placed on hold until balance of the account is brought below 40 days. Any account placed for collection will receive a finance charge of 1-1/2% per month (18% per year) to balances over 30 days, plus attorney fees and cost. To establish an open account, your firm must supply three industrial and one bank reference.

**FREIGHT:** For Distributor orders to be shipped within the continental U.S. of a value of \$750 net per invoice or more, Rhodius will pre-pay freight charges one time for delivery customer, all partial shipments will be charges and added to invoice. For all shipments of a value less the \$750 net, the cost of freight will be added to distributor's invoice. Each release from a blanket order must total \$750 net or more to receive prepaid freight. Export shipments will be shipped freight collect. A separate charge may be made for customer's special routing instructions. All orders are sold in Missouri and title passes to the buyer when your order leaves Rhodius warehouse. The buyer is solely responsible for their shipment. By placing an order, you authorize us to act on your behalf to engage a common carrier to deliver your order to you. Freight will be charged for all sample requests.

**ADD-ON POLICY:** Due to the speed of our order entry, manufacturing process and rapid shipment of goods, we find it detrimental to our service to accept additions to existing orders.

**QUANTITY VARIANCE:** due to the nature of manufacturing, Rhodius reserves the right to overship or undership the quantity ordered by 10%

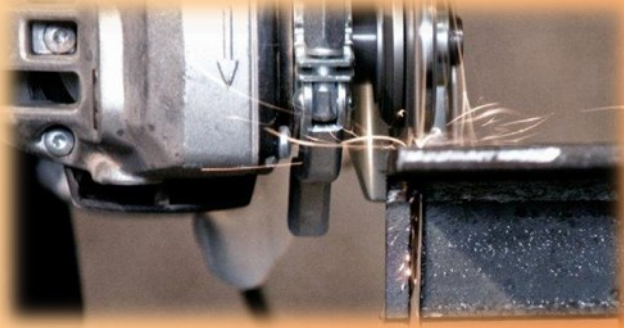
**RETURNED GOOD POLICY:** We will not accept return of merchandise without our 'RETURN AUTHORIZATION NUMBER' clearly marked on all the boxes. When a R/A number is issued by our Customer Service Department they will fax all information to you. The merchandise must be returned to Rhodius within 30 days from the date the R/A number was issued. After 30 days R/A numbers are automatically cancelled in house and the request will become null and void. All credits must be taken within six months or they will be disallowed. Rhodius reserves the right to accept returns in quantities relative to our established stocking level. Freight is to be prepaid and a \$15.00 or 15% (whichever is greater) restocking and handling charge will apply unless Rhodius is at fault. Many of our items fall into a "non-stock" or "special order" category, items in this group are not returnable. In any case no merchandise may be returned after six months from the date of shipment from our factory. All claims of shortage must be made within 10 days after receipt of goods.

**LIMITED WARRANTY:** Rhodius Abrasives, USA and Rhodius GmbH & Co. KG. warrants that its products shall be free from defects in material and workmanship under normal and ordinary usage when owned by original purchaser for a period of six months from the date such products are shipped from Sundsic's warehouse. Any claim for breach of Warranty must be brought within 30 days after the customer's receipt of the product and customer must cease use of the product pending Rhodius's substantiation of any warranty claim. In the event a product defect shall occur, Rhodius shall, at its option, repair or replace the defective product(s) or, upon return of such product(s), cancel the transaction and refund to customer any amount previously paid therefore.

**THIS WARRANTY EXPRESSLY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. RHODIUS ABRASIVES, USA EXCLUDED DUTIES TO PURCHASERS OF ITS PRODUCTS WILL BE AS HEREINABOVE PROVIDED. CUSTOMERS SHALL HAVE NO CLAIM AGAINST SUNDSIC FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

## **Safety Warning**

Coated, bonded, and non-woven abrasives are dangerous if used improperly. Please comply with all safety regulations set by the AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z87.1 also by OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA); covering eye, face, and body protection, wheel and disc speeds, safety guards, flanges, mounting and operating procedures.



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