

# BONDED ABRASIVES

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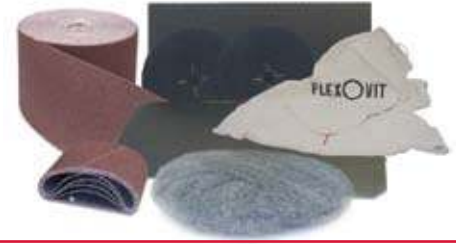


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## COATED ABRASIVES (CONTINUED)

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# How a Resin Bonded Grinding Wheel Works

Grinding wheels for portable power tools belong to the 'resin bonded' family of bonded abrasives. Below is a brief description of the raw materials used in their manufacture, and an explanation of how the wheel actually works.

## ABRASIVE GRAINS

The four main types of abrasive grains used in Resin Bonded Wheels are:

### Aluminum Oxide



- Tough, blocky, wedge shaped grain.
- Performs well on carbon steel, stainless steel and aluminum.

### Silicon Carbide



- Extremely hard and sharp, but fractures more easily than aluminum oxide.
- Performs well on cast iron, nonferrous metals (*aluminum*) and non-metallic materials including concrete, brick, marble and glass.

### Zirconia Alumina



- Very tough, sharp and dense.
- Lends itself to higher temperatures and heavier pressures present in high-stock removal applications.

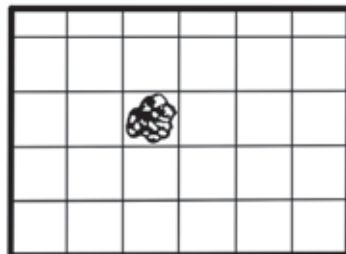
### Ceramic



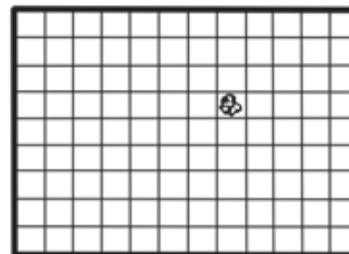
- Sharp microcrystalline grain - cuts aggressively under light to moderate pressure.
- Its quick cutting capability makes it suitable for grinding stainless steel, titanium, and high-nickel alloys.

## DETERMINING GRIT SIZE

Abrasive grains are sized by passing them over screens having a certain number of openings per linear inch. The number of openings per linear inch in the screen through which the particles just pass determines the grit size. Resin bonded wheels typically use relatively coarse grits such as 24 and 36.



Coarse Grit Size (30 Grit)



Fine Grit Size (108 Grit)

## COMPONENTS

### Abrasive Grains



### Resin Bonds



### Fiberglass Reinforcing



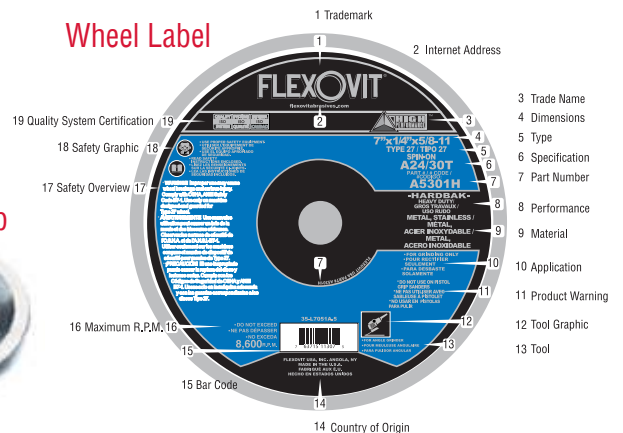
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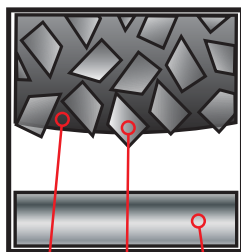
### Spin-On Hub



### Wheel Label



## THE CUTTING TOOL PRINCIPLE



Wheel Bond  
Abrasive Grains  
Workpiece



Abrasive grain begins to cut chips from the workpiece's surface. As it does, the grain begins to wear down. It fractures, presenting a new sharp edge.



Other abrasive grains are revealed as the wheel bond wears from contact with the workpiece.



Before the edges of the abrasive grain become too dull, they are torn away from the wheel bond, allowing other abrasive grains to come into play.



# Depressed Center Grinding Wheels



Flexovit Type 27 Depressed Center Grinding Wheels are made for angle grinding applications including weld grinding, beveling, snagging, and other surface preparation jobs requiring moderate to heavy stock removal. Wheels are 1/4" thick, with 3 full diameter high tensile fiberglass reinforcements for maximum safety.

Use on  
Angle  
Grinders



Grinding  
ONLY

## FLEXON®

• Maximum Productivity • Premium Abrasive Grain • Longest Life

**BEST**

Flexovit FLEXON Type 27 Grinding Wheels combine premium zirconia and ceramic grains with advanced bond systems, delivering the highest job productivity at the lowest total cost. FLEXON grinds up to 50% faster, and up to 10 times longer than standard aluminum oxide wheels.

### METAL, STAINLESS

Fast Grind - ZA24P

Fastest stock removal rate of any zirconia wheel.

Heavy Duty - ZA20Q

Maximum life. Best choice for beveling and edge grinding.

### FOUNDRY, IRON

Foundry Snag - ZA16U

Fast stock removal in rough foundry applications.



• Superior Productivity • Higher Efficiency • Longer Life

**BETTER**

Type 27 Grinding Wheels incorporate a blend of premium, semi-premium, and standard abrasive grain with custom bond systems. This produces a wheel with extremely aggressive, rapid grinding action, without sacrificing wheel life. METALHOG grinds up to 30% faster and 3 times longer than regular aluminum oxide products.

### METAL, STAINLESS

Rapid Grind - AXT24S

Fast, aggressive stock removal.



Flexovit FOUNDRYHOG Type 27 Grinding Wheels are designed and reinforced for the most demanding cleaning room applications. Special abrasive grain mix ensures the most aggressive grinding and finishing of parting lines, gates and risers, sand inclusion, and other surface irregularities.

### FOUNDRY, IRON

Rapid Grind - ZACX24T

Fast, aggressive stock removal.

Heavy Duty - ZACX24U

Long life specification for all cleaning room grinding applications.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 27 Grinding Wheels are the hardest working aluminum oxide wheels available. Precision made to ensure smooth and safe operation, the versatile A30S and heavy duty A24/30T specifications set the standards for fast material removal, and for rugged reliability and long life.

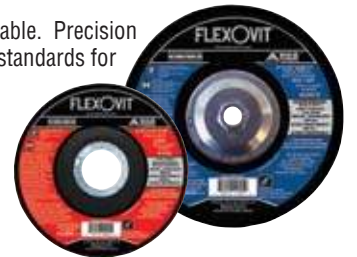
### METAL, STAINLESS

Fast Grind - A30S

Fast grinding with good wheel life. An excellent 'all purpose' specification.

Heavy Duty - A24/30T

A durable long life wheel. Ideal for beveling, edge or flame cut grinding.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 27 Grinding Wheels are designed to optimize grinding performance on particular materials. Flexovit offers job focused wheels for aluminum, stainless steel, iron and concrete.

### ALUMINUM

Load Resistant - A24ALU

Ideal for grinding on aluminum and nonferrous materials.

### STAINLESS STEEL

Free Grind - A30Q

Specially formulated for stainless steels and alloy metals. Smooth, fast grinding.

### FOUNDRY, IRON

Foundry - CA24R

Suitable for castings, malleable and cast iron applications.

### CONCRETE, MASONRY

Heavy Duty - C24/30P

Made with silicon carbide grain, these wheels offers fast grinding on concrete, masonry, and nonferrous metal applications.



BONDED ABRASIVES - Grinding Wheels

# Depressed Center Grinding Wheels



Type 27



Use on Angle Grinders



Grinding ONLY

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds.

GRINDING ONLY					Metalhog®		HIGH PERFORMANCE™		BOX/ CRT. QTY.
Use on Angle Grinders		Type 27	FLEXON® Best		Better	Good			
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FAST GRIND ZA24P	HEAVY DUTY ZA20Q	BOX QTY.	RAPID GRIND AXT24S	FAST GRIND A30S	HEAVY DUTY A24/30T		
3 x 1/4 x 3/8	20,000		A0034	10		A0054		25/100	
4 x 1/4 x 3/8	15,000		A0344	10		A0390	A0395	25/100	
4 x 1/4 x 5/8	15,000		A0444	10		A0414	A0406	25/100	
4-1/2 x 1/4 x 7/8	13,300	A1224	A1244	10	A1230	A1236	A1226	25/100	
4-1/2 x 1/4 x 5/8-11	13,300	A1224H	A1244H	10	A1230H	A1236H	A1226H	10	
5 x 1/4 x 7/8	12,000	A2224		10	A2230	A2236	A2226	25/100	
5 x 1/4 x 5/8-11	12,000	A2224H		10	A2230H	A2236H	A2226H	10	
6 x 1/4 x 7/8	10,000		A3244	10	A3230	A3236	A3201	25	
6 x 1/4 x 5/8-11	10,000		A3244H	10	A3230H	A3236H	A3201H	10	
7 x 1/4 x 7/8	8,600	A5224	A5444	10	A5330	A5356	A5301	25	
7 x 1/4 x 5/8-11	8,600	A5224H	A5444H	10	A5330H	A5356H	A5301H	10	
9 x 1/4 x 7/8	6,800	A8224		10	A8330	A8353	A8301	25	
9 x 1/4 x 5/8-11	6,800	A8224H	A8444H	10	A8330H	A8353H	A8301H	10	

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

**FOUNDRY, IRON:** Durable foundry wheels for grinding / snagging ductile iron, grey iron, cast iron.

GRINDING ONLY				Foundryhog®		
Use on Angle Grinders		Type 27	FLEXON® Best		Better	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SNAG ZA16U	BOX QTY.	RAPID GRIND ZACX24T	HEAVY DUTY ZACX24U	BOX QTY.
7 x 1/4 x 7/8	8,600	A5354	10	A5340	A5345	25
7 x 1/4 x 5/8-11	8,600	A5354H	10	A5340H	A5345H	10
9 x 1/4 x 7/8	6,800	A8354	10	A8340	A8345	25
9 x 1/4 x 5/8-11	6,800	A8354H	10	A8340H	A8345H	10

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

## ALUMINUM / STAINLESS STEEL / FOUNDRY, IRON / CONCRETE, MASONRY

GRINDING ONLY		SPECIALIST®				BOX/ CRT. QTY.
Use on Angle Grinders		Type 27	ALUMINUM	STAINLESS STEEL	FOUNDRY, IRON	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	LOAD RESISTANT A24ALU	FREE GRIND A30Q	FOUNDRY CA24R	HEAVY DUTY C24/30P	
4 x 1/4 x 5/8	15,000	A0403	A0391		A0396	25/100
4-1/2 x 1/4 x 7/8	13,300	A1203	A1231		A1257	25/100
4-1/2 x 1/4 x 5/8-11	13,300	A1203H	A1231H		A1257H	10
5 x 1/4 x 7/8	12,000	A2220	A2231		A2239	25/100
6 x 1/4 x 7/8	10,000	A3237	A3331			25
6 x 1/4 x 5/8-11	10,000	A3237H	A3331H			10
7 x 1/4 x 7/8	8,600	A5237	A5331	A5435	A5446	25
7 x 1/4 x 5/8-11	8,600	A5237H	A5331H	A5435H	A5446H	10
9 x 1/4 x 7/8	6,800			A8435	A8446	25
9 x 1/4 x 5/8-11	6,800			A8435H	A8446H	10

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

BONDED ABRASIVES - Grinding Wheels

# Type 28



Use on  
Angle  
Grinders



Grinding  
ONLY

# Depressed Center Grinding Wheels



Flexovit Type 28 Depressed Center Grinding Wheels are made for angle grinding applications including weld grinding, beveling, snagging, and other surface preparation jobs requiring moderate to heavy stock removal. The Type 28 'saucer' shape allows the operator to aggressively grind at angles less than 15 degrees, improving operator comfort. The concave shape also provides wider surface contact for grinding broad surfaces. Wheels are 1/4" thick, with 3 full diameter high tensile fiberglass reinforcements for maximum safety.

## FLEXON®

• Maximum Productivity • Premium Abrasive Grain • Longest Life

**BEST**

Flexovit FLEXON Type 28 Grinding Wheels combine premium zirconia and ceramic grains with advanced bond systems, delivering the highest job productivity at the lowest total cost. FLEXON grinds up to 50% faster, and up to 10 times longer than standard aluminum oxide wheels.

### METAL, STAINLESS

Heavy Duty – ZA24S

Combines long life with aggressive grinding characteristics of Type 28 wheel shape.

### FOUNDRY, IRON

Foundry Snag – ZA16U

Fast stock removal in rough foundry applications.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 28 Grinding Wheels are the hardest working aluminum oxide wheels available. Precision made to ensure smooth and safe operation, the versatile A30S and heavy duty A24/30T specifications set the standards for fast material removal, and for rugged reliability and long life.

### METAL, STAINLESS

Fast Grind - A30S

Fast grinding with good wheel life. An excellent 'all purpose' spec.

Heavy Duty - A24/30T

A durable long life wheel. Ideal for beveling, edge or flame cut grinding.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 28 Grinding Wheels are designed to optimize grinding performance on particular materials.

### CONCRETE, MASONRY

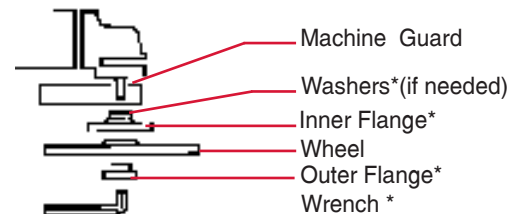
Heavy Duty - C24/30P

Made with silicon carbide grain, these wheels offers fast grinding on concrete, masonry, and nonferrous metal applications.



## CP50 FLANGE KIT - Part Number Z0301

Some angle grinders are not equipped with flanges that permit proper mounting of 7" and 9", Type 27 and Type 28 grinding wheels. Flexovit offers a CP50 Reusable Flange Kit (Part # Z0301), as an alternative to the throwaway hub.



# Depressed Center Grinding Wheels



Type 28

Use on  
Angle  
Grinders



Grinding  
ONLY

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds.

GRINDING ONLY		FLEXON <sup>®</sup>		HIGH PERFORMANCE <sup>™</sup>		
	Use on Angle Grinders		Type 28	<b>Best</b>	<b>Good</b>	
DIMENSIONS	MAX		BOX		BOX/	
Dia. x Thk. x Arbor	RPM		QTY.		CRT. QTY.	
		<b>HEAVY DUTY ZA24S</b>		<b>FAST GRIND A30S</b>	<b>HEAVY DUTY A24/30T</b>	
4-1/2 x 1/4 x 7/8	13,300	A1334	10	A1237		25/100
4-1/2 x 1/4 x 5/8-11	13,300	A1334H	10	A1237H		10
5 x 1/4 x 7/8	12,000				A2227	25/100
5 x 1/4 x 5/8-11	10,000				A2227H	10
7 x 1/4 x 7/8	8,600	A5404	10	A5360	A5302	25
7 x 1/4 x 5/8-11	8,600	A5404H	10	A5360H	A5302H	10
9 x 1/4 x 7/8	6,800	A8404	10	A8360	A8302	25
9 x 1/4 x 5/8-11	6,800	A8404H	10	A8360H	A8302H	10

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

**FOUNDRY, IRON:** Durable foundry wheels for grinding / snagging ductile iron, grey iron, cast iron.

GRINDING ONLY		FLEXON <sup>®</sup>	
	Use on Angle Grinders		Type 28
DIMENSIONS	MAX		BOX
Dia. x Thk. x Arbor	RPM		QTY.
		<b>Best FOUNDRY SNAG ZA16U</b>	
7 x 1/4 x 7/8	8,600	A5254	10
7 x 1/4 x 5/8-11	8,600	A5254H	10
9 x 1/4 x 7/8	6,800	A8254	10

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

## CONCRETE, MASONRY

GRINDING ONLY		SPECIALIST <sup>®</sup>	
	Use on Angle Grinders		Type 28
DIMENSIONS	MAX		BOX
Dia. x Thk. x Arbor	RPM		QTY.
		<b>HEAVY DUTY C24/30P</b>	
7 x 1/4 x 7/8	8,600	A5447	25
9 x 1/4 x 7/8	6,800	A8462	25
9 x 1/4 x 5/8-11	6,800	A8462H	10

Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.





Use on  
Angle  
Grinders  
  
Cutoff  
ONLY

BONDED ABRASIVES - Thin Depressed Center Cutoff Wheels

# Thin Depressed Center Cutoff Wheels



Flexovit's RAZORBLADE 27 series of Thin Cutoff Wheels for angle grinders are an indispensable tool for the metalworker in both production and maintenance applications. Choose from 5 versatile specs depending on the job requirement. The Type 27 wheel shape facilitates flush cutting on flat surfaces.

## Razorblade 27® • Razor Sharp • Long Life • Versatile

### METAL, STAINLESS

Long Life - A60SST-27

The RAZORBLADE 27 wheel combines fast, chatter free cutting with exceptional wheel life, making it the wheel of choice where wheel usage is high, and wheel change downtime is a concern. In most applications RAZORBLADE 27 gives the lowest overall cost per cut of any angle grinder thin cutoff product.



**LONG LIFE**

## Razorblade 27EZ • Razor Sharp • Fast Cutting • Versatile

### METAL, STAINLESS

Fast Cut - A60RRT-27

For applications where getting the job done fast is the priority, the extra thin (.040") RAZORBLADE 27 EZ wheel delivers the fastest cutting action in the Razorblade product line.



**FAST CUT**

## Razorblade 27HD • Razor Sharp • Extra Durable • Versatile

### METAL, STAINLESS

Heavy Duty- A24/30T

The RAZORBLADE 27 HD in 3/32" thickness will resist wheel wear in tough applications, including sheet metal and other jobs that involve heavy dressing action from the workpiece.



**HEAVY DUTY**

## Razorblade 27ALU • Job Focused • Optimum Performance

### ALUMINUM

Load Resistant - A60ALU-27

RAZORBLADE 27 ALU wheels resist loading when cutting aluminum solid or extrusion, as well as brass, bronze, and other nonferrous materials.



**SPECIALTY**

## Razorblade 27SS • Job Focused • Optimum Performance

### STAINLESS STEEL

Free Cut- A30Q

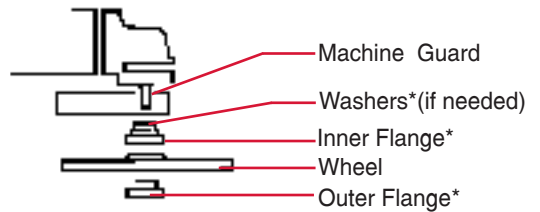
RAZORBLADE 27 SS is designed for free cutting action on stainless alloy metals.



**SPECIALTY**

## FLANGE KIT - Part Number Z0303

Some angle grinders are not equipped with flanges that permit proper tightening of thin Type 27 wheels. For most 4-1/2", 5" and 6" angle grinders, Flexovit offers a compatible, reusable adapter flange (Part# Z0303), or contact tool manufacturer for adapter parts.





# Thin Depressed Center Cutoff Wheels



Type 27





Use on  
Angle  
Grinders





Cutoff  
ONLY

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

CUTTING ONLY		 Use on Angle Grinders	 Type 27	<b>Razorblade 27<sup>®</sup></b> <b>LONG LIFE</b> A60SST-27	<b>Razorblade 27EZ</b> <b>FAST CUT</b> A60RRT-27	<b>Razorblade 27HD</b> <b>HEAVY DUTY</b> A24/30T	BOX/ CRT. QTY.
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM						
4 x 3/32 x 5/8	15,000					A0265	25/100
4-1/2 x .040 x 7/8	13,300				A0480		25/100
4-1/2 x .045 x 7/8	13,300			A0481			25/100
4-1/2 x 3/32 x 7/8	13,300					A0575	25/100
4-1/2 x 3/32 x 5/8-11	13,300					A0575H	10
5 x .040 x 7/8	12,000				A1580		25/100
5 x .045 x 7/8	12,000			A1581			25/100
5 x 3/32 x 7/8	12,000					A1765	25/100
5 x 3/32 x 5/8-11	12,000					A1765H	10
6 x .040 x 7/8	10,000				A2480		25/100
6 x .045 x 7/8	10,000			A2481			25/100
6 x .3/32 x 7/8	10,000					A3175	25/100
6 x .3/32 x 5/8-11	10,000					A3175H	10
7 x 3/32 x 7/8	8,600					A4175	25
7 x 3/32 x 5/8-11	8,600					A4175H	10

Flange kit for 4-1/2", 5" & 6" Thin Cutoff Wheels available on page 18.

## ALUMINUM / STAINLESS STEEL

CUTTING ONLY		 Use on Angle Grinders	 Type 27	<b>Razorblade 27 ALU</b> <b>ALUMINUM LOAD RESISTANT</b> A60ALU-27	<b>Razorblade 27 SS</b> <b>STAINLESS STEEL</b> <b>FREE CUT</b> A30Q	BOX/ CRT. QTY.
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM					
4 x 3/32 x 5/8	15,000				A0221	25/100
4-1/2 x .045 x 7/8	13,300			A0482		25/100
4-1/2 x 3/32 x 7/8	13,300				A0711	25/100
4-1/2 x 3/32 x 5/8-11	13,300				A0711H	10
5 x .045 x 7/8	12,000			A1582		25/100
5 x 3/32 x 7/8	12,000				A1711	25/100
5 x 3/32 x 5/8-11	12,000				A1711H	10
6 x .045 x 7/8	10,000			A2482		25/100
6 x .3/32 x 7/8	10,000				A2711	25/100
7 x 3/32 x 7/8	8,600				A4111	25/100
7 x .3/32 x 5/8-11	8,600				A4111H	10

Flange kit for 4-1/2", 5" & 6" Thin Cutoff Wheels available on page 18.

**BONDED ABRASIVES - Thin Depressed Center Cutoff Wheels**



Use on  
Angle  
Grinders



Cutoff  
ONLY

# Depressed Center Cutoff Wheels



Flexovit Type 27 Depressed Center Cutoff Wheels are designed for extra heavy duty cutting applications, notching, and for narrow surface peripheral grinding applications such as grinding root pass welds. These wheels should not be used for grinding on an angle (see Depressed Center Combination Wheels for cutting, notching, and light angle grinding applications – pages 22-23).

## FLEXON

• Maximum Productivity • Premium Abrasive Grain • Longest Life

**BEST**

Flexovit FLEXON Type 27 Cutoff Wheels combine premium zirconia and ceramic grains with advanced bond systems, delivering the highest job productivity at the lowest total cost. FLEXON grinds up to 50% faster, and up to 10 times longer than standard aluminum oxide wheels.

### PIPELINE

Fast Cut - ZA30T

Specially designed and engineered for the pipeline industry. Premium zirconia grain provides superior life when cutting, notching, and root pass grinding in pipeline and pressure vessel fabrication. These .125" thick wheels are designed for peripheral grinding only – not for angle grinding (see Depressed Center Combination Wheels for cutting, notching, and light angle grinding applications – pages 22-23).



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 27 Cutoff Wheels are the hardest working aluminum oxide wheels available. Precision made to ensure smooth and safe operation, the versatile A30S and heavy duty A24/30T specifications set the standards for fast cutting, and for rugged reliability and long life.

### METAL, STAINLESS

Fast Cut - A30S

Fast cutting with good life. Ideal for most metals, including stainless and other hard alloys. An excellent 'all-purpose' spec.

Heavy Duty - A24/30T

Extremely rugged and hardworking. Delivers the longest life of any aluminum oxide wheel without sacrificing aggressive cutting.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 27 Cutoff Wheels are designed to optimize cutting performance on particular materials. Flexovit offers 3 specifications, including a free cutting stainless wheel, a heavy duty concrete cutting wheel, and a special wheel for pipeline applications.

### STAINLESS STEEL

Free Grind - A30Q

This wheel offers free cutting action in stainless steel and other alloys.

### CONCRETE, MASONRY

Heavy Duty - C24/30P

Designed for concrete and masonry cutting. Made with silicon carbide grain, the C24/30P spec also offers fast cutting on nonferrous metals.

### PIPELINE

Fast Cut - A30R

Designed for fabrication of pipes and pressure vessels. This heavy duty aluminum oxide wheel runs smooth and chatter free on peripheral grinding, cutting and notching applications.



# Depressed Center Cutoff Wheels






Type 27






Use on  
Angle  
Grinders






**PIPELINE:** Cutting, notching, root pass grinding.

CUTTING ONLY		 <b>Best</b> <b>FAST CUT</b> <b>ZA30T</b>		
	Use on Angle Grinders			
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM		BOX QTY.	
4-1/2 x .125 x 7/8	13,300	A0712	10	
4-1/2 x .125 x 5/8-11	13,300	A0712H	10	
7 x .125 x 5/8-11	6,800	A4412H	10	
9 x .125 x 5/8-11	6,800	A7412H	10	

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

CUTTING ONLY		 <b>Good</b> <b>FAST CUT</b> <b>A30S</b>			<b>HEAVY DUTY</b> <b>A24/30T</b>	
	Use on Angle Grinders					
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM				BOX/ CRT. QTY.	
3 x 1/8 x 3/8	20,000	A0017			25/100	
4 x 1/8 x 3/8	15,000	A0273			25/100	
4 x 1/8 x 5/8	15,000	A0261			25/100	
4-1/2 x 1/8 x 7/8	13,300	A0735		A0721	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	A0735H		A0721H	10	
5 x 1/8 x 7/8	12,000	A1736		A1721	25/100	
5 x 1/8 x 5/8-11	12,000	A1736H		A1721H	10	
6 x 1/8 x 7/8	10,000	A2751			25	
6 x 1/8 x 5/8-11	10,000	A2751H			10	
7 x 1/8 x 7/8	8,600	A4086		A3928	25	
7 x 1/8 x 5/8-11	8,600	A4086H		A3928H	10	
9 x 1/8 x 7/8	6,800			A6930	25	
9 x 1/8 x 5/8-11	6,800			A6930H	10	

## STAINLESS STEEL / CONCRETE, MASONRY / PIPELINE

CUTTING ONLY		 <b>FREE CUT</b> <b>A30Q</b>			<b>CONCRETE, MASONRY</b> <b>HEAVY DUTY</b> <b>C24/30P</b>		<b>PIPELINE</b> <b>FAST CUT</b> <b>A30R</b>	
	Use on Angle Grinders							
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM						BOX/ CRT. QTY.	
4-1/2 x .125 x 7/8	13,300					A0778	25/100	
4-1/2 x .125 x 5/8-11	13,300					A0778H	10	
4-1/2 x 1/8 x 7/8	13,300	A0731		A0761			25/100	
4-1/2 x 1/8 x 5/8-11	13,300	A0731H					10	
5 x .125 x 7/8	12,000					A1778	25/100	
5 x 1/8 x 7/8	12,000	A1731		A1741			25/100	
6 x .125 x 7/8	10,000					A2728	25	
6 x .125 x 5/8-11	10,000					A2728H	10	
7 x .125 x 7/8	8,600					A4328	25	
7 x .125 x 5/8-11	8,600					A4328H	10	
9 x .125 x 5/8-11	6,800					A7278H	10	

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# Depressed Center Combination Wheels



Flexovit Type 27 Depressed Center Combination Wheels are designed for metal fabrication jobs that require alternating between cutting and light angle grinding. This eliminates the need for changing wheels, or using two tools to complete the job. Combination Wheels are fully reinforced on the back and center of the wheel to prevent edge chipping while angle grinding.

Use on  
Angle  
Grinders



Cutoff,  
Notching &  
Grinding

## FLEXON®

• Maximum Productivity • Premium Abrasive Grain • Longest Life

**BEST**

Flexovit FLEXON Type 27 Combination Wheels combine premium zirconia and ceramic grains with advanced bond systems, delivering the highest job productivity at the lowest total cost. FLEXON grinds up to 50% faster, and up to 10 times longer than standard aluminum oxide wheels.

### METAL, STAINLESS

Heavy Duty - ZA24S Maximum life. Best choice for edge grinding.

### PIPELINE / METAL COMBO

Smooth Grind - ZA30T Premium zirconia grain provides superior life when cutting, notching, root pass grinding and weld bead grinding in pipeline and pressure vessel fabrication, as well as structural steel work.

### FOUNDRY, IRON

Foundry Notcher - ZA16U Fast stock removal in rough foundry applications.



• Superior Productivity • Higher Efficiency • Longer Life

**BETTER**

Type 27 Combination Wheels incorporate a blend of premium, semi-premium, and standard abrasive grain with custom bond systems. This produces a wheel with extremely aggressive, rapid grinding action, without sacrificing wheel life.

### METAL, STAINLESS

Rapid Grind, Cut - AXT24S Fast, aggressive cutting action and stock removal.



Special abrasive grain mix ensures the most aggressive grinding and finishing of parting lines, gates and risers, sand inclusion, and other surface irregularities.

### FOUNDRY, IRON

Rapid Grind, Cut - ZACX24T Fast, aggressive cutting action and stock removal.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 27 Combination Wheels are the hardest working aluminum oxide wheels available. Precision made to ensure smooth and safe operation, the versatile A30S and heavy duty A24/30T specifications set the standards for fast material removal, and for rugged reliability and long life.

### METAL, STAINLESS

Fast Cut, Grind - A30S Fast cutting/grinding with good life. Ideal for most metals, including stainless and other hard alloys. An excellent 'all-purpose' spec.

Heavy Duty - A24/30T Extremely rugged and hardworking. Delivers the longest life of any aluminum oxide wheel without sacrificing aggressive cutting/grinding.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 27 Combination Wheels are designed to optimize cutting/grinding performance on particular materials. Flexovit offers 4 specifications, including a free cutting stainless wheel, a heavy duty concrete cutting wheel, a special wheel for pipeline applications, and a foundry specification.

### STAINLESS STEEL

Free Cut, Grind - A30Q Specially formulated for stainless steels and alloy metals. Smooth, fast cutting/grinding.

### CONCRETE, MASONRY

Heavy Duty - C24/30P Made with silicon carbide grain, these wheels offer fast cutting/grinding on concrete, masonry, and nonferrous metal applications.

### PIPELINE

Smooth Grind - A30R Designed for fabrication of pipes and pressure vessels. This heavy duty aluminum oxide wheel runs smooth and chatter free on peripheral grinding, cutting, notching and angle grinding applications.

### IRON

Foundry - CA24R Suitable for castings, malleable and cast iron applications.



# Depressed Center Combination Wheels



Type 27



Use on Angle Grinders



Cutoff, Notching & Grinding

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds.

CUTOFF, NOTCHING & LIGHT GRINDING		 <b>Best</b>		 <b>Better</b>		 <b>Good</b>		BOX/ CRT. QTY.
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	HEAVY DUTY ZA24S	SMOOTH GRIND ZA30T	RAPID GRIND, CUT AXT24S	BOX QTY.	FAST CUT, GRIND A30S	HEAVY DUTY A24/30T	
3 x 1/8 x 3/8	15,000		A0014		10			
4 x 1/8 x 3/8	15,000		A0134		10	A0274	A0276	25/100
4 x 1/8 x 5/8	15,000		A0234		10	A0264	A0255	25/100
4 x 3/16 x 5/8	15,000					A0337		25/100
4-1/2 x 1/8 x 7/8	13,300	A0734	A0714	A0720	10	A0736	A0722	25/100
4-1/2 x 1/8 x 5/8-11	13,300		A0714H	A0720H	10	A0736H	A0722H	10
4-1/2 x 3/16 x 7/8	13,300					A0936		25/100
4-1/2 x 3/16 x 5/8-11	13,300					A0936H		10
5 x 1/8 x 7/8	12,000		A1714	A1720	10	A1737	A1722	25
5 x 1/8 x 5/8-11	12,000		A1714H	A1720H	10	A1737H	A1722H	10
6 x 1/8 x 7/8	10,000		A2414	A2720	10	A2736	A2721	25
6 x 1/8 x 5/8-11	10,000		A2414H	A2720H	10	A2736H	A2721H	10
7 x 1/8 x 7/8	8,600		A4414	A4220	10	A4250	A4177	25
7 x 1/8 x 5/8-11	8,600		A4414H	A4220H	10	A4250H	A4177H	10
9 x 1/8 x 7/8	6,800		A7414	A7220	10	A7250	A7177	25
9 x 1/8 x 5/8-11	6,800	A7434H	A7414H	A7220H	10	A7250H	A7177H	10

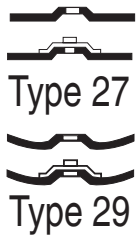
## FOUNDRY, CASTABLE IRON, STEEL, NONFERROUS

CUTOFF, NOTCHING & LIGHT GRINDING		 <b>Best</b>		 <b>Better</b>	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FOUNDRY NOTCHER ZA16U	BOX QTY.	RAPID CUT, GRIND ZACX24T	BOX QTY.
7 x 1/8 x 7/8	8,600	A4254	10	A4240	25
7 x 1/8 x 5/8-11	8,600	A4254H	10	A4240H	10
9 x 1/8 x 7/8	6,800	A7254	10	A7240	25
9 x 1/8 x 5/8-11	6,800	A7254H	10	A7240H	10

## STAINLESS STEEL / CONCRETE, MASONRY / PIPELINE / IRON, FOUNDRY

CUTOFF, NOTCHING & LIGHT GRINDING						
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	STAINLESS STEEL FREE CUT, GRIND A30Q	CONCRETE, MASONRY HEAVY DUTY C24/30P	PIPELINE SMOOTH GRIND A30R	IRON FOUNDRY CA24R	BOX/ CRT. QTY.
4-1/2 x 1/8 x 7/8	13,300			A0780		25/100
4-1/2 x 1/8 x 5/8-11	13,300			A0780H		10
5 x 1/8 x 7/8	12,000			A1780		25/100
5 x 1/8 x 5/8-11	12,000			A1780H		10
6 x 1/8 x 7/8	10,000			A2730		25
6 x 1/8 x 5/8-11	10,000			A2730H		10
7 x 1/8 x 7/8	8,600	A4231	A4341	A4330		25
7 x 1/8 x 5/8-11	8,600	A4231H	A4341H	A4330H		10
9 x 1/8 x 7/8	6,800	A7231	A7300	A7280	A7270	25
9 x 1/8 x 5/8-11	6,800	A7231H		A7280H	A7270H	10

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Type 27  
Type 29

Use on Angle Grinders



Grinding & Finishing

BONDED ABRASIVES - Semi-Flexible Wheels and Masonry Discs

# Semi-Flexible Wheels



Made in USA



Flexcel Type 27 and Type 29 Semi-Flexible Wheels can remove material aggressively like a grinding wheel, and blend and finish like a sanding disc. Flexcel wheels flex to contoured surfaces giving a smooth finish without gouging. Faster stock removal than standard depressed center wheels.



• Grind and Finish With One Wheel • No Loading or Glazing

**BEST**

## METAL, STAINLESS, ALUMINUM

Flexcel has a broad range of applications, including carbon, stainless and cast steels. Grinds without loading on aluminum and brass.

- Type 27 Flat grinding face preferred for smaller contact area.
- Type 29 Convex wheel face preferred for contoured surfaces and wider contact area.
- A-Fine (50-120 Grit) For finer finishes, comparable to 50 to 120 grit sanding discs.
- A-Medium (24-60 Grit) For general purpose applications, grinds aggressively like grit 24 sanding disc, and finishes like a 60 grit disc.
- A-Coarse (12-36 Grit) Most aggressive grinding action with excellent stock removal rates.



**SEMI-FLEXIBLE WHEELS MUST BE USED LIKE A DEPRESSED CENTER WHEEL WITH A MACHINE GUARD**

# Semi-Flexible Masonry Discs



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Semi-Flexible Masonry Discs consist of a thick layer of coarse silicon carbide bonded to a durable, heavy fiber backing. They should be used with a backup pad.

## CONCRETE, MASONRY

Silicon Carbide 16-36 Grit Ideal for grinding, blending, finishing, and scouring on a wide variety of concrete, masonry and stone materials. Also effective on plastic and fiberglass.



## BACK UP PADS

Flexovit offers a flexible back up pad with a smooth face for use with semi-flexible masonry discs.



# Semi-Flexible Wheels



Type 27



Type 29

Use on  
Angle  
Grinders



Grinding &  
Finishing

BONDED ABRASIVES - Semi-Flexible Wheels and Masonry Discs

## METAL, STAINLESS, ALUMINUM:

General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds. Excellent for aluminum.

### TYPE 27

GRINDING & FINISHING						
	Use on Angle Grinders		<b>FLEXCEL™</b>			
DIMENSIONS	MAX	A - FINE	A - MEDIUM	A - COARSE	BOX/ CRT.	
Dia. x Thk. x Arbor	RPM	50 - 120 Grit	24 - 60 Grit	12 - 36 Grit	QTY.	
4 x 1/8 x 5/8	15,000		S6400		25/100	
4-1/2 x 1/8 x 7/8	13,300	S6920	S6900	S6880	25/100	
4-1/2 x 1/8 x 5/8-11	13,300		S6900H	S6880H	10	
5 x 1/8 x 7/8	12,000	S7420	S7400	S7380	25/100	
5 x 1/8 x 5/8-11	12,000		S7400H		10	
7 x 1/8 x 5/8-11	8,600	S7920H	S7900H	S7880H	10	

## METAL, STAINLESS, ALUMINUM:

General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds. Excellent for aluminum.

### TYPE 29

GRINDING & FINISHING						
	Use on Angle Grinders		<b>FLEXCEL™</b>			
DIMENSIONS	MAX	A - FINE	A - MEDIUM	A - COARSE	BOX/ CRT.	
Dia. x Thk. x Arbor	RPM	50 - 120 Grit	24 - 60 Grit	12 - 36 Grit	QTY.	
4-1/2 x 1/8 x 7/8	13,300	S6740	S6700	S6790	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	S6740H		S6790H	10	
5 x 1/8 x 7/8	12,000	S7220	S7200	S7180	25/100	
7 x 1/8 x 7/8	8,600	S7720*	S7700*	S7680*	50	
7 x 1/8 x 5/8-11	8,600		S7700H	S7680H	10	

\* Must be mounted with a re-usable backing pad. One pad is included in each box .

# Semi-Flexible Masonry Discs

## CONCRETE, MASONRY, STONE

GRINDING, BLENDING & FINISHING						
	Use on Angle Grinders	<b>SPECIALIST®</b>				
<b>CONCRETE, MASONRY, STONE</b>						
DIMENSIONS	MAX	COARSE	COARSE / MEDIUM	MEDIUM	BOX QTY.	
Dia.xThk.xArbor	RPM	C16	C24	C36		
4-1/2 x7/8	13,000	S4516	S4524	S4536	25	
7 x 7/8	8,500	S7016	S7024	S7036	25	

Semi-flexible masonry discs must be used with a backing pad of equal diameter for proper support and operator safety.

FOR USE WITH SEMI-FLEXIBLE MASONRY DISCS		
	Use on Angle Grinders	<b>BACK UP PAD</b>
<b>SMOOTH FACE</b>		
DIMENSIONS		BOX QTY.
4-1/2	SK4550	1
7	SK7050	1

Type 1

# Bench Grinder Wheels

- Precision balanced for vibration-free running.
- Individually packaged - U.P.S. approved single wheel box.

Use on Bench Grinders



Grinding ONLY

## METAL, STAINLESS

**Aluminum Oxide -** Vitrified bonded aluminum oxide wheel for general purpose grinding of carbon and stainless steel and other alloys.

- Coarse -** Rough Grinding
- Medium -** General Grinding
- Fine -** Finish Grinding



GRINDING ONLY		METAL, STAINLESS (ALUMINUM OXIDE GRAIN)						
Use on Bench Grinders Type 1								
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	COARSE A24	COARSE/MED. A36	MEDIUM A46	MED./FINE A60	FINE A80	BOX QTY.	
6 x 3/4 x 1	4,138	U4610	U4620	U4625	U4630	U4640	1	
6 x 1 x 1	4,138	U4710	U4720	U4725	U4730	U4740	1	
7 x 1 x 1	3,600	U4910	U4920	U4925	U4930	U4940	1	
8 x 1 x 1-1/4	3,600	U5110	U5120	U5125	U5130	U5140	1	
10 x 1 x 1-1/4	2,483	U5210	U5220		U5230		1	
10 x 1-1/2 x 1-1/4	2,483	U5310	U5320		U5330		1	
12 x 2 x 1-1/2	2,069	U5510	U5520		U5530		1	
14 x 2 x 1-1/2	1,773	U5710	U5720		U5730		1	

## NONFERROUS

**Green Silicon Carbide -** The toughest abrasive for sharpening or grinding hard or very soft materials. Extremely sharp grain for faster, burr-free cutting on tungsten carbide, brass, bronze, aluminum and masonry.

- Coarse -** Rough Grinding
- Medium -** General Grinding
- Fine -** Finish Grinding



GRINDING ONLY		NONFERROUS (GREEN SILICON CARBIDE GRAIN)				
Use on Bench Grinders Type 1						
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	COARSE GC60	MEDIUM GC80	FINE GC120	BOX QTY.	
6 x 3/4 x 1	4,138	U4650	U4660	U4670	1	
6 x 1 x 1	4,138	U4750	U4760	U4770	1	
7 x 1 x 1	3,600	U4950	U4960	U4970	1	
8 x 1 x 1-1/4	3,600	U5150	U5160	U5170	1	
10 x 1 x 1-1/4	2,483	U5250	U5260	U5270	1	

## Nested Reduction Bushing

Each wheel comes with a set of nested reduction bushings at NO additional cost.

- 6" and 7" includes 3/4", 5/8", and 1/2" nested reduction bushings.
- 8" includes 1", 3/4", 5/8", and 1/2" nested reduction bushings.
- 10" includes 1" and 3/4" nested reduction bushings.
- 12" and 14" includes 1-1/4" and 1" nested reduction bushings.

BONDED ABRASIVES - Bench Grinder Wheels

Type 1

Use on  
Angle  
Grinders



# Thin Angle Grinder Cutoff Wheels



Flexovit's Razorblade series of Thin Cutoff Wheels for Angle Grinders are an indispensable tool for the metalworker in both production and maintenance applications. Choose from 5 versatile specs depending on the job requirement. These Type 1 wheels should be mounted using flanges designed for Type 1 wheels (see Flange Kit Z0303 below). For corresponding Type 27 Razorblade wheels see catalog page 18.

## Razorblade®

• Razor Sharp • Long Life • Versatile

### METAL, STAINLESS

Long Life - A60SST

The Razorblade wheel combines fast, chatter free cutting with exceptional wheel life, making it the wheel of choice where wheel usage is high, and wheel change downtime is a concern. In most applications Razorblade gives the lowest overall cost per cut of any angle grinder thin cutoff product.



**LONG LIFE**

## RazorbladeEZ

• Razor Sharp • Fast Cutting • Versatile

### METAL, STAINLESS

Fast Cut - A60RRT

For applications where getting the job done fast is the priority, the extra thin (.040") Razorblade EZ wheel delivers the fastest cutting action in the Razorblade product line.



**FAST CUT**

## RazorbladeHD

• Razor Sharp • Extra Durable • Versatile

### METAL, STAINLESS

Heavy Duty - A36TB38

For heavy-duty metal and stainless applications, this versatile spec meets the challenge. The A36TB38 delivers exceptionally long life and cool, free cutting action. Resists wheel wear from the dressing action of sheet metal.



**HEAVY DUTY**

## RazorbladeALU

• Job Focused • Optimum Performance

### ALUMINUM

Load Resistant - A60ALU

Razorblade ALU wheels resist loading when cutting aluminum solid or extrusion, as well as brass, bronze, and other nonferrous materials.



**SPECIALTY**

## RazorbladeHD

• Job Focused • Optimum Performance

### SHEET METAL

Heavy Duty- A30VB39

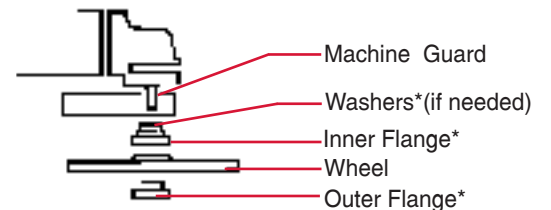
This spec was developed for thin metal cutting, where sharp edges can cause faster wheel wear. The A30VB39 delivers extremely long wheel life on any metal application.



**SPECIALTY**

## FLANGE KIT - Part Number Z0303

Some angle grinders are not equipped with flanges that permit proper tightening of thin cutoff wheels. For most 4-1/2", 5" and 6" angle grinders, Flexovit offers a compatible, reusable adapter flange (Part# Z0303), or contact tool manufacturer for adapter parts.



BONDED ABRASIVES - Thin Angle Grinder Cutoff Wheels



# Thin Angle Grinder Cutoff Wheels



Type 1

Use on Angle Grinders



**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing, welds.

CUTTING ONLY		Razorblade®		Razorblade <sup>EZ</sup>		Razorblade <sup>HD</sup>	
	Use on Angle Grinders	Type 1		<b>LONG LIFE</b> A60SST	<b>FAST CUT</b> A60RRT	<b>HEAVY DUTY</b> A36TB38	<b>BOX/ CRT. QTY.</b>
DIMENSIONS	MAX						
Dia. x Thk. x Arbor	RPM						
4 x .040 x 5/8	19,000	F1005					100
4 x 1/16 x 5/8	19,000	F1010					50
4 x 3/32 x 5/8	15,000					F1041	50
4-1/2 x .040 x 7/8	13,300			F1206			25/100
4-1/2 x .045 x 7/8	13,300	F1207					25/100
4-1/2 x 3/32 x 7/8	13,300					F1243	25/100
5 x .040 x 7/8	12,000			F1406			25/100
5 x .045 x 7/8	12,000	F1407					25/100
5 x 3/32 x 7/8	12,000					F1445	25/100
6 x .040 x 7/8	10,000			F1706			25/100
6 x .045 x 7/8	10,000	F1707					25/100
6 x 3/32 x 7/8	10,000					F1755	25
7 x 1/16 x 7/8	8,600	F2012					25
7 x 3/32 x 7/8	8,600					F2170	25
9 x 3/32 x 7/8	6,800					F3165	50

Flange kit for 4-1/2", 5" & 6" Thin Cutoff Wheels available on page 32.

## ALUMINUM / SHEET METAL

CUTTING ONLY		Razorblade <sup>ALU</sup>		Razorblade <sup>HD</sup>		
	Use on Angle Grinders	Type 1		<b>ALUMINUM</b> <b>LOAD RESISTANT</b> A60ALU	<b>SHEET METAL</b> <b>HEAVY DUTY</b> A30VB39	<b>BOX/ CRT. QTY.</b>
DIMENSIONS	MAX					
Dia. x Thk. x Arbor	RPM					
4-1/2 x .045 x 7/8	13,300	F1202				25/100
5 x .045 x 7/8	12,000	F1402				25/100
6 x .045 x 7/8	10,000	F1702				25/100
7 x 1/8 x 7/8	8,600				F2311	25
9 x 1/8 x 7/8	6,800				F3300	50

Flange kit for 4-1/2", 5" & 6" Thin Cutoff Wheels available on page 32.

Type 1 cutoff wheels must be mounted between properly relieved flanges of equal diameter and matching bearing surfaces.

Such flanges must be at least 1/4 of the wheel diameter. Right angle grinders may not come equipped with Type 1 flanges as standard equipment. DO NOT MOUNT WITH TYPE 27 STYLE FLANGES. Refer to A.N.S.I. Safety Code b7-1 for detailed information on proper mounting and guarding of Type 1 cutoff wheels.

BONDED ABRASIVES - Thin Angle Grinder Cutoff Wheels

## Type 1

Use on  
Circular  
Saws



Cutoff  
ONLY

# Circular Saw Wheels



Made in USA



Built to meet the demands of the professional contractor, Flexovit Type 1 Circular Saw Wheels incorporate high quality abrasive grain / bond formulations, and high tensile fiberglass reinforcing resulting in a safe, durable cutting wheel. For corresponding diamond circular saw wheels see catalog page 81.



• Superior Productivity • Higher Efficiency • Longer Life

**BETTER**

Type 1 Circular Saw Wheels incorporate a blend of premium, semi premium, and standard abrasive grain with custom bond systems. This produces a wheel with extremely aggressive, rapid cutting action, without sacrificing wheel life. METALHOG cuts up to 30% faster and 3 times longer than regular aluminum oxide products.

## METAL, STAINLESS

Rapid Cut - ZA30VB

Fast, aggressive cutting action on metal sheet and all profiles.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Circular Saw Wheels are the hardest working aluminum oxide (metal cutting) and silicon carbide (concrete/ masonry cutting) wheels available.

## METAL, STAINLESS

Fast Cut - A36TB38

Fast, easy cutting of shapes and profiles. Ideal on carbon or stainless steel.

## CONCRETE, MASONRY

Heavy Duty - C30UB64

Quick cuts on concrete, brick, block and other masonry products.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 1 Circular Saw Wheels are designed to optimize cutting performance on particular materials. Flexovit offers 2 specifications, including heavy duty sheet metal spec, and a free cutting stainless wheel.

## SHEET METAL

Heavy Duty - A30VB39

This specialist wheel was developed for thin metal cutting, where sharp edges can cause faster wheel wear. The A30VB39 spec delivers maximum wheel life on sheet metal, siding and roof decking.

## STAINLESS STEEL

Free Cut - A46RB50

This thin 1/16" wheel delivers fast and cool cutting on stainless steel.



# Circular Saw Wheels



Type 1

Use on  
Circular  
Saws



Cutoff  
ONLY

## METAL, STAINLESS:

General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

## CONCRETE, MASONRY:

General purpose wheels for concrete, brick, block, and other masonry products.

CUTTING ONLY		<b>Better</b>	<b>Good</b>	<b>Good</b>	
Use on Circular Saws		<b>METAL, STAINLESS RAPID CUT</b>	<b>METAL, STAINLESS FAST CUT</b>	<b>CONCRETE, MASONRY HEAVY DUTY</b>	<b>BOX QTY.</b>
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	ZA30VB	A36TB38	C30UB64	
6 x 3/32 x 5/8	10,000		F 1751		25
7 x 1/8 x 5/8(DIA)*	8,600			L2311	25
7 x 3/32 x 5/8	8,600		F2155		25
7 x 3/32 x 5/8(DIA)*	8,600		F2171		25
8 x 1/16 x 5/8	7,640	F2503			25
8 x 3/32 x 5/8	7,500		F2670		25
8 x 3/32 x 5/8(DIA)*	7,500		F2672		25
8 x 1/8 x 5/8(DIA)*	7,500			L2826	25

\* Indicates diamond shaped arbor.

## SHEET METAL / STAINLESS STEEL

CUTTING ONLY		<b>SPECIALIST</b>		
Use on Circular Saws		<b>SHEET METAL</b>	<b>STAINLESS STEEL</b>	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	<b>HEAVY DUTY A30VB39</b>	<b>FREE CUT A46RB50</b>	<b>BOX QTY.</b>
7 x 1/16 x 5/8	8,600		F2010	25
7 x 1/8 x 5/8	8,600	F2300		25
7 x 1/8 x 5/8(DIA)*	8,600	F2312		25
8 x 1/16 x 5/8	7,500		F2510	25
8 x 1/8 x 5/8	7,500	F2790		25
8 x 1/8 x 5/8(DIA)*	7,500	F2791		25

\* Indicates diamond shaped arbor.

## Type 1

Use on  
High Speed  
Saws



Cutoff  
ONLY

# High Speed Gas & Electric Saw Wheels



Made in USA



Flexovit Type 1 High Speed Gas & Electric Saw Wheels are built for maximum durability. High tensile double fiberglass reinforcement and sturdy bond formulations ensure operator safety when using these powerful saws.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 1 High Speed Saw Wheels are available in metal cutting and concrete cutting specifications, covering the multitude of construction jobsite applications.

## METAL, STAINLESS

Heavy Duty - A24/30SB

The contractors' choice - a heavy duty blade, excellent on rebar, steel pipe, sheet metal and structural steel. Excellent for production cutting.

## CONCRETE, MASONRY

Heavy Duty - C30UB

A must on the job site, this heavy duty spec delivers excellent performance when cutting concrete and other masonry products, including clay pipe, brick and block. Ideal on PVC pipe.



• Maximum Productivity • Premium Abrasive Grain • Longest Life

**BEST**

Flexovit FLEXON High Speed Railtrack Saw Wheels are designed for fixed cutting on gas and pneumatic rail track saws.

## RAILTRACK

Fast Cut - ZA30PB

Fast cuts and extra long life on all types and weights of rail.



• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Type 1 High Speed Saw Wheels are available in four specifications for railtrack, sheet metal, ductile iron, and asphalt / green concrete cutting applications.

## RAILTRACK

Fast Cut - A30PB

Designed for cropping, this extra fast cutting blade delivers straight, fast cuts on all sizes of railtrack.

## SHEET METAL, DECKING

Heavy Duty - A24TB

A hard working blade that stands up to the sharp metal edges of sheet metal and roof decking. The perfect choice for demolition and auto dismantling jobs.

## DUCTILE, CAST IRON

Heavy Duty - AC24SB

A combination of aluminum oxide and silicon carbide grains reduces wheel wear and speeds cutting. Developed for use on ductile and cast iron, this heavy-duty spec is excellent on concrete-lined water pipes and sewer construction.

## ASPHALT, GREEN CONCRETE

Heavy Duty - C16UB

Made of extra coarse silicon carbide grains, the C16UB delivers aggressive, free cutting action on a wide range of aggregates.





# High Speed Gas & Electric Saw Wheels



Type 1

Use on High Speed Saws






Cutoff ONLY

## METAL, STAINLESS:

General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

## CONCRETE, MASONRY:



General purpose wheels for concrete, brick, block, and other masonry products.

CUTOFF ONLY		 <b>Good</b> <b>METAL, STAINLESS</b>		 <b>Good</b> <b>CONCRETE, MASONRY</b>	
 Use on High Speed Saws Type 1		<b>HEAVY DUTY</b> <b>A24/30SB</b>	<b>HEAVY DUTY</b> <b>C30UB</b>	<b>BOX</b> <b>QTY.</b>	
DIMENSIONS	MAX				
Dia. x Thk. x Arbor	RPM				
12 x 1/8 x 20mm	6,300	F5078	L5315		10
12 x 1/8 x 7/8	6,300	F5286	L5316		10
12 x 1/8 x 1	6,300	F5292	L5317		10
14 x 1/8 x 20mm	5,460	F5653	L5703		10
14 x 1/8 x 1	5,400	F5687	L5727		10
16 x 5/32 x 20mm	4,700	F6653	L6603		10
16 x 5/32 x 1	4,700	F6687	L6627		10

## RAILTRACK

CUTOFF ONLY		 <b>BEST</b>		 <b>SPECIALTY</b>	
 Use on High Speed Saws Type 1		<b>FAST CUT</b> <b>ZA30PB</b>	<b>FAST CUT</b> <b>A30PB</b>	<b>BOX</b> <b>QTY.</b>	
DIMENSIONS	MAX				
Dia. x Thk. x Arbor	RPM				
14 x 1/8 x 1	5,400	F5685	F5681		10
16 x 1/8 x 1	4,800	F6685	F6681		10

## SHEET METAL / DUCTILE / ASPHALT, GR. CONCRETE

CUTOFF ONLY		 <b>SPECIALTY</b>			
 Use on High Speed Saws Type 1		<b>SHEET METAL, DECKING HEAVY DUTY</b> <b>A24TB</b>	<b>DUCTILE, CAST IRON HEAVY DUTY</b> <b>AC24SB</b>	<b>ASPHALT, GR. CONCRETE HEAVY DUTY</b> <b>C16UB</b>	<b>BOX</b> <b>QTY.</b>
DIMENSIONS	MAX				
Dia. x Thk. x Arbor	RPM				
12 x 1/8 x 20mm	6,300		L5017		10
12 x 1/8 x 1	6,300		L5019		10
12 x 5/32 x 20mm	6,300	F5293		L5330	10
12 x 5/32 x 1	6,300	F5314		L5334	10
14 x 1/8 x 20mm	5,460		L5617		10
14 x 1/8 x 1	5,400		L5619		10
14 x 5/32 x 20mm	5,460	F5693		L5710	10
14 x 5/32 x 1	5,400	F5614		L5712	10
16 x 5/32 x 20mm	4,700		L6617		10
16 x 5/32 x 1	4,700		L6619		10

BONDED ABRASIVES - High Speed Gas & Electric Saw Wheels

Type 1

Use on  
Chopsaws



Cutoff  
ONLY

# Chopsaw / Mittersaw Wheels

Flexovit Type 1 Chopsaw Wheels are specially designed to maximize the cutting capability of bench top chopsaws. Wheels are precision balanced to ensure vibration free running.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 1 Chopsaw Wheels are available in two metal cutting specifications including a fast cut wheel and a long life wheel.

## METAL, STAINLESS

Fast Cut - A30RB

Fast, burr-free cutting on the widest range of material and profiles including angle, channel, tubing and solids. An excellent choice on carbon and alloy steels.

Long Life - A30SB

Extended wheel life, especially for lighter gauge steel alloys. Ideal for small cross section solids.



## SPECIALIST

• Job Focused • Optimum Performance • For Tougher Materials

**SPECIALTY**

Flexovit SPECIALIST Chopsaw Wheels are custom designed for aluminum / nonferrous, stainless steel, and drywall stud cutting applications.

## ALUMINUM, NONFERROUS

Load Resistant - A30ALU

Cuts aluminum solids and extrusions with minimum loading of the wheel cutting face. Also suitable for nonferrous metals.

## STAINLESS STEEL

Free Cut - A30QB

Ideal for cutting harder material such as stainless steel and hard alloys. The A30QB gets through solids without bogging down.

## DRYWALL STUD

Clean Cut, Max Life- A30TB

Great performance in demanding applications. This rugged drywall blade cuts more bundles per dollar than any other product on the market.



BONDED ABRASIVES - Chopsaw / Mittersaw Wheels

# Chopsaw / Mittersaw Wheels




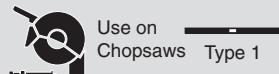
Type 1

Use on Chopsaws


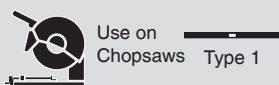


Cutoff ONLY

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

CUTOFF ONLY		 <b>Good</b>		
		<b>FAST CUT</b> A30RB	<b>LONG LIFE</b> A30SB	<b>BOX QTY.</b>
<b>DIMENSIONS</b> Dia. x Thk. x Arbor	<b>MAX RPM</b>			
10 x 3/32 x 5/8	6,112		F3579	10
10 x 1/8 x 5/8	6,112	F3941		10
12 x 3/32 x 1	5,092	F4818	F4808	10
14 x 3/32 x 1	4,365	F5521	F5527	10
16 x 3/32 x 1	3,820	F6521		10

## ALUMINUM / STAINLESS STEEL / DRYWALL STUD

CUTOFF ONLY					
		<b>ALUMINUM, NONFERROUS</b> LOAD RESISTANT A30ALU	<b>STAINLESS STEEL</b> <b>FREE CUT</b> A30QB	<b>DRYWALL STUD</b> <b>CLEAN CUT, MAX LIFE</b> A30TB	<b>BOX QTY.</b>
<b>DIMENSIONS</b> Dia. x Thk. x Arbor	<b>MAX RPM</b>				
12 x 3/32 x 1	5,092		F4819		10
14 x 3/32 x 1	4,365	F5522	F5523	F5528	10

# Type 1

Use on  
Stationary  
Saws



Cutoff  
ONLY

# Stationary Saw Wheels

Flexovit Type 1 Stationary Saw Wheels are available in nine diameters for stationary saws from 10" through 24".



Made in USA



- Superior Productivity
- Higher Efficiency
- Longer Life

## BETTER

Type 1 Stationary Saw Wheels incorporate a blend of premium, semi premium, and standard abrasive grain with custom bond systems. This produces a wheel with extremely aggressive, rapid cutting action, without sacrificing wheel life. METALHOG cuts up to 30% faster and 3 times longer than regular aluminum oxide products.

## METAL, STAINLESS

Long Life - ZAX30TB

A rapid cutting wheel with exceptional wheel life, suitable for carbon steel, stainless steel, and other alloys. Also suitable for foundry applications.



- High Productivity
- Versatility
- Durability

## GOOD

Flexovit HIGH PERFORMANCE Type 1 Stationary Wheels are available in two metal cutting specifications including a fast cut wheel and a long life wheel.

## METAL, STAINLESS

Multi Purpose - A30RB

This fast cutting, multi-purpose spec delivers premium performance on solids, structural steel, tubing and bar stock. Ideal on stainless steel and other alloys.

Long Life - A30SB

When horsepower permits, this long life wheel is the best choice for cutting lighter solids and profiles in carbon steel, stainless or other alloys.



BONDED ABRASIVES - Stationary Saw Wheels



- Job Focused
- Optimum Performance
- For Tougher Materials

## SPECIALTY

Flexovit SPECIALIST Stationary Saw Wheels are available in two specifications, one for thin walled metals and tubing, and the other for iron and nonferrous metals.

## METAL, STAINLESS, TUBE

Long Life - A24TB

A long life wheel, the A24TB is the best choice for thin walled metals and tubing.

## IRON, NONFERROUS

Heavy Duty - AC24PB

This triple reinforced, load resistant cutting wheel delivers superior performance on nonferrous metals such as brass, bronze and nickel.





# Stationary Saw Wheels



Type 1

Use on  
Stationary  
Saws



Cutoff  
ONLY

**METAL, STAINLESS:** General purpose wheels for ferrous metals and profiles including angle iron, bar stock, channel iron, I-beam, high tensile steel, iron pipe, steel, stainless steel, rebar, tubing.

CUTOFF ONLY		Type 1		HIGH PERFORMANCE		BOX QTY.	
Use on Stationary Saws		<b>Better</b> LONG LIFE ZAX30TB		<b>Good</b> MULTI PURPOSE A30RB		LONG LIFE A30SB	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM						
10 x 3/32 x 5/8	6,112				F3579		10
10 x 1/8 x 5/8	6,112			F3941			10
10 x 1/8 x 1	6,112	F3830		F3966			10
12 x 1/8 x 1	5,092	F5230		F5231			10
14 x 1/8 x 1	4,365	F5830		F5836	F5531		10
16 x 5/32 x 1	3,820			F6861	F6873		10
18 x 3/16 x 1	3,396			F8371			10
20 x 7/32 x 1	3,066			F9010			10
20 x 7/32 x 40mm	3,066			F9011			10
20 x 1/8 x 1	3,066			F9241			10
20 x 3/16 x 1	3,066			F9242	F9232		10
22 x 3/16 x 1	2,790				F9300		5
24 x 1/4 x 1	2,546				F9791		5
26 x 1/4 x 1-1/2	2,352				F9911		5

## METAL, STAINLESS, TUBE / IRON, NONFERROUS

CUTOFF ONLY		Type 1		SPECIALIST		BOX QTY.	
Use on Stationary Saws		METAL, STAINLESS, TUBE LONG LIFE A24TB		IRON, NONFERROUS HEAVY DUTY AC24PB			
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM						
16 x 5/32 x 1	3,820	F6579					10
16 x 3/16 x 1	3,820			F6501			10
20 x 7/32 x 1	3,066			F9255			10

BONDED ABRASIVES - Stationary Saw Wheels 41

## Type 1

Use on  
Walk-Behind  
Concrete  
Saws



Cutoff  
ONLY

Use on  
Masonry  
Saws



Cutoff  
ONLY

**BONDED ABRASIVES - Walk-Behind Concrete Saw & Masonry Saw Wheels**

# Walk-Behind Concrete Saws

Flexovit Type 1 Walk-Behind Concrete Saw Wheels are designed for dry cutting of asphalt and concrete surfaces. Wheels are heavily reinforced to resist lateral stress. For corresponding diamond blades see catalog page 83.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 1 Walk-Behind Concrete Saw Wheels are available in four specifications.

## CURED CONCRETE

Heavy Duty - C20SB

This heavy-duty spec delivers fast cutting of cured concrete especially on lower powered saws.

Heavy Duty - C16TB

Designed for use on high-powered saws, 35 horsepower and up, the C16TB is an excellent choice for joint widening and cutting cured concrete.

## ASPHALT, GREEN CONCRETE

General Purpose - C16 G.P. An economical, general purpose wheel for asphalt and concrete.

Heavy Duty - C16UB

An open bond structure of extra coarse silicon carbide grains, the C16UB delivers aggressive, free cutting action on a wide range of aggregates.



# Masonry Saw Wheels

Flexovit Type 1 Masonry saw wheels are specifically designed for masonry applications.



• High Productivity • Versatility • Durability

**GOOD**

Flexovit HIGH PERFORMANCE Type 1 Masonry Saw wheels are reinforced for cool, quick cutting.

## BRICK, BLOCK

General Purpose - C24RB

A general purpose wheel for cutting refractories, acid-proof brick, granite, marble and other hard materials.



# Walk-Behind Concrete Saws



Type 1

Use on Walk-Behind Concrete Saws



Use on Masonry Saws



## CURED CONCRETE

CUTOFF ONLY				
Use on Walk-Behind Concrete Saws Type 1		<b>Good</b>		
DIMENSIONS	MAX	HEAVY DUTY	HEAVY DUTY	BOX
Dia. x Thk. x Arbor	RPM	C20SB	High Horse Powered Saws C16TB	QTY.
14 x 3/16 x 1(D-1)	4,365	L5902	L6051	10
14 x 1/4 x 1(D-1)	4,365	L6321		10
18 x 3/16 x 1(D-1)	3,015	L8083		10

(D-1) Indicates single drive pinhole.

## ASPHALT, GREEN CONCRETE

CUTOFF ONLY				
Use on Walk-Behind Concrete Saws Type 1		<b>Good</b>		
DIMENSIONS	MAX	GENERAL PURPOSE	HEAVY DUTY	BOX
Dia. x Thk. x Arbor	RPM	C16 G.P.	C16UB	QTY.
14 x 3/16 x 1(D-1)	4,365	L5910	L6017	10
14 x 1/4 x 1(D-1)	4,365		L6327	10
14 x 3/8 x 1(D-1)	4,365		L6445*	10
18 x 3/16 x 1(D-1)	3,015		L8081	10

(D-1) Indicates single drive pinhole.

\* Indicates 14" wheel with 3 layers of fiberglass reinforcements.

# Masonry Saw Wheels

## BRICK, BLOCK

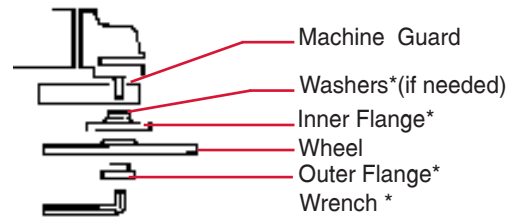
CUTOFF ONLY			
Use on Masonry Saws Type 1		<b>Good</b>	
DIMENSIONS	MAX	GENERAL PURPOSE	BOX
Dia. x Thk. x Arbor	RPM	C24RB	QTY.
14 x 1/8 x 1	4,365	L5927	10

**BONDED ABRASIVES - Walk-Behind Concrete Saw & Masonry Saw Wheels**

# Accessories for Bonded Abrasives

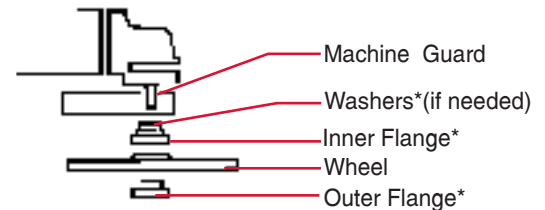
## CP50 FLANGE KIT - Part Number Z0301

Some angle grinders are not equipped with flanges that permit proper mounting of 7" and 9", Type 27 and Type 28 grinding wheels. Flexovit offers a CP50 Reusable Flange Kit (Part # Z0301), as an alternative to the throwaway hub.



## FLANGE KIT - Part Number Z0303

Some angle grinders are not equipped with flanges that permit proper tightening of thin cutoff wheels. For most 4-1/2", 5" and 6" angle grinders, Flexovit offers a compatible, reusable adapter flange (Part# Z0303), or contact tool manufacturer for adapter parts.



## WHEEL DRESSERS AND REPLACEMENT CUTTERS FOR BENCH WHEELS

BENCH WHEEL DRESSERS				
DESCRIPTION	USE ON BENCH WHEELS		PART NUMBER	BOX QTY.
	Diameter	Thickness		
Bench Wheel Dresser No. 0	Up to 10"	Up to 2"	U11210	1
Bench Wheel Dresser No. 1	10" to 16"	up to 3"	U11310	1



REPLACEMENT CUTTERS				
DIMENSIONS	FOR DRESSER STYLE	PART NUMBER	BOX QTY.	
Dia. x Thk. x Arbor				
1-1/4 x .426 x 1/4	No. 0	U11220	1	
1-1/2 x .432 x 1/2	No. 1	U11320	1	

## MANDREL ADAPTERS FOR SMALL DIAMETER ABRASIVE WHEELS

Quick mounting mandrel adaptors for small diameter wheels.



MANDREL ADAPTERS					
Diameter	FITS WHEEL SIZE OF:			PART NUMBER	BOX QTY.
	Thickness	Arbor	Shank Size		
2 - 4	.035 - 1/2	3/8	1/4	Z0201	1
2 - 4	.035 - 3/16	3/8 or 1/4	1/4	Z0202	1
2 - 4	.035 - 1/2	1/4	1/4	Z0251	1



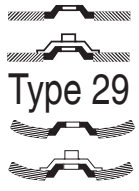
# COATED ABRASIVES



# Type 27 Flap Discs



Flexovit Type 27 and Type 29 Flap Discs can grind, blend and finish in one step. Flap Discs can be used to advantage in many applications that involve the use of depressed center grinding wheels and / or resin fiber discs by eliminating two step finishing and tool change time, thereby reducing total job cost.



Use on Angle Grinders  
Grinding, Blending & Finishing

## DISC TYPES AND SPECIFICATIONS

### Type 29



These 'convex' discs are designed to be used at a 15-20° angle to the workpiece. This produces a small contact point between the work surface and the abrasive flaps. The narrow contact point is ideal for applications demanding faster stock removal like weld grinding. The Type 29 shape is also good for finishing contoured or irregular surfaces.

### Type 27



These 'flat' discs are typically used at a shallower angle of only 5-15°. The flat shape, combined with the low angle, provides the operator with a much wider contact surface. This is best suited for finishing applications on broad surfaces.

Zirconia Alumina -

Removes material at a very fast rate and lasts longer than traditional aluminum oxide. It grinds extremely well on stainless steel as well as carbon steel. Resists loading on softer materials such as aluminum, brass, bronze and fiberglass.

Aluminum Oxide -

Performs well on mild and stainless steel. Since it grinds relatively cool, it is a good choice for finishing thin gauge metals which may be prone to bluing.

Fiberglass Backing Plate -

The industry standard. Their primary advantage is that the fiberglass backing will wear away along with the abrasive material, allowing the operator to make full use of the coated abrasive as the disc wears down. Since the backing plate is consumed it will not interfere with, or affect the work surface.

Aluminum Backing Plate -

Some operators prefer this rigid plate since it allows them to apply more pressure to the disc without flexing.



HIGH DENSITY

• Extra Long Life • High Density • Grind & Finish

**BEST**

Flexovit ZIRCOMAX Type 27 and Type 29 High Density Flap Discs are made with an extra thick layering of premium zirconia alumina abrasive cloth backed by a high strength fiberglass disc.

## METAL, STAINLESS, ALUMINUM

Zirconia Alumina - Extra long Life / Fiberglass Backed: ZIRCOMAX premium zirconia alumina is available in four grits, 40, 60, 80 and 120 with a fiberglass backing plate. These extra thick, high density discs deliver twice the removal rate of our Zircotex Premium discs. They provide extremely long life and are the most productive flap disc. Available in Type 27 or Type 29, with a 7/8 arbor or a 5/8-11 spin-on zinc hub.





# Flap Discs



Type 27



Type 29



Use on  
Angle  
Grinders



Grinding,  
Blending &  
Finishing

## FLAP DISCS VS RESIN FIBER DISCS

Much of the abrasive material of a Resin Fiber Disc is unusable, since the grinding takes place on the outer edge of the disc while the center area around the locking nut is often untouched. Once the exposed abrasive is dull the rate of stock removal drops and the disc must be replaced.

Flap Discs are constructed with many layers of abrasive cloth. As the disc is used each layer wears away, exposing the layer below and fresh, sharp abrasive grain. This results in consistent stock removal rates, and allows for use of the entire disc.

A single Flap Disc can perform the work of 15 to 20 Resin Fiber Discs.

When replacing Resin Fiber Discs it is recommended that you select a Flap Disc one grit size coarser than the Resin Fiber Disc.

### ZIRCOTEX® PREMIUM

- Zirconia alumina cloth
- Standard thickness
- Faster aggressive grinding action

### ZIRCOMAX® HIGH DENSITY

- Zirconia alumina cloth
- Higher loft, more flaps & longer life
- Cushioned grinding action



## METAL, STAINLESS, ALUMINUM High Density Discs For Extra Long Life

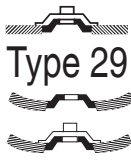
### Type 29 - Zirconia Alumina with FIBERGLASS BACKING PLATE

GRINDING, BLENDED & FINISHING							
	Use on Angle Grinders		<b>ZIRCOMAX</b> HIGH DENSITY				
DIMENSIONS Dia. x Arbor	MAX RPM	ZA40	ZA60	ZA80	ZA120	BOX QTY.	
4-1/2 x 7/8	12,000	Z4502F	Z4507F	Z4512F	Z4517F	10	
4-1/2 x 5/8-11	12,000	Z4502FH	Z4507FH	Z4512FH	Z4517FH	10	
5 x 7/8	12,000	Z5002F	Z5007F	Z5012F		10	

### Type 27 - Zirconia Alumina with FIBERGLASS BACKING PLATE

GRINDING, BLENDED & FINISHING							
	Use on Angle Grinders		<b>ZIRCOMAX</b> HIGH DENSITY				
DIMENSIONS Dia. x Arbor	MAX RPM	ZA40	ZA60	ZA80		BOX QTY.	
4-1/2 x 7/8	12,000	Z4532F	Z4537F	Z4542F		10	
4-1/2 x 5/8-11	12,000	Z4532FH	Z4537FH	Z4542FH		10	
5 x 7/8	12,000	Z5032F	Z5037F	Z5042F		10	
7 x 7/8	8,600	Z7032F	Z7037F	Z7042F		10	
7 x 5/8-11	8,600	Z7032FH	Z7037FH	Z7042FH		10	

# Type 27 Flap Discs



Use on Angle Grinders



Grinding, Blending & Finishing

Flexovit Type 27 and Type 29 Flap Discs can grind, blend and finish in one step. Flap Discs can be used to advantage in many applications that involve the use of depressed center grinding wheels and / or resin fiber discs by eliminating two step finishing and tool change time, thereby reducing total job cost.

## ZIRCOTEX<sup>®</sup> PREMIUM

• Efficient • Versatile • Grind & Finish

**BETTER**

Flexovit ZIRCOTEX Premium Type 27 and Type 29 Flap Discs are made with premium zirconia alumina abrasive cloth backed by a high strength fiberglass disc.

### METAL, STAINLESS, ALUMINUM

**Zirconia Alumina - High Production / Fiberglass Backed:** ZIRCOTEX premium zirconia alumina discs are extremely productive and efficient. Ideal for high production grinding, blending, deburring and finishing, they perform well on a wide variety of materials including stainless and carbon steel. This durable grain resists loading or clogging on softer materials such as aluminum, brass, bronze and fiberglass. Available in Type 27 or Type 29, with a 7/8 arbor or a 5/8-11 spin-on zinc hub.



**Zirconia Alumina - High Production / Aluminum Backed:** Flexovit ZIRCOTEX Premium Type 29 Flap Discs are made with premium zirconia alumina abrasive cloth backed by an aluminum disc for extra rigidity. Ideal for high production grinding, blending, deburring and finishing, they perform well on a wide variety of materials including stainless and carbon steel. This durable grain resists loading or clogging on softer materials such as aluminum, brass, bronze and fiberglass. Available in Type 29, with a 7/8 arbor or a 5/8-11 spin-on zinc hub.



## ZIRCOTEX<sup>®</sup> HIGH PERFORMANCE

• Efficient • Versatile • Grind & Finish

**GOOD**

Flexovit ZIRCOTEX High Performance Type 27 & Type 29 Flap Discs are made with aluminum oxide resin cloth backed by a high strength fiberglass disc.

### METAL, STAINLESS, ALUMINUM

**Aluminum Oxide - Heavy Duty / Fiberglass Backed:** A general purpose wheel intended for applications that do not require extensive material removal. This spec is ideal on ferrous and nonferrous metals including iron, steel, stainless steel, aluminum, brass and copper. Since they grind relatively cool they are ideal for thin gauge metals which may be prone to bluing. Available in Type 29 and Type 27, with a 7/8 arbor or a 5/8-11 spin-on zinc hub.





# Flap Discs

## METAL, STAINLESS, ALUMINUM Standard Thickness Discs

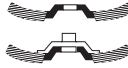
Type 29 - Zirconia Alumina with FIBERGLASS BACKING PLATE



Type 27



Type 29



Use on  
Angle  
Grinders



Grinding,  
Blending &  
Finishing

### GRINDING, BLENDING & FINISHING



**ZIRCOTEX®**  
PREMIUM

DIMENSIONS Dia. x Arbor	MAX RPM	ZA24	ZA36	ZA40	ZA60	ZA80	ZA120	BOX QTY.
4 x 5/8	15,000	Z4001F		Z4000F	Z4005F	Z4010F	Z4020F	10
4-1/2 x 7/8	13,300	Z4501F	Z4503F	Z4500F	Z4505F	Z4510F	Z4520F	10
4-1/2 x 5/8-11	13,300	Z4501FH	Z4503FH	Z4500FH	Z4505FH	Z4510FH	Z4520FH	10
5 x 7/8	12,000	Z5001F		Z5000F	Z5005F	Z5010F	Z5020F	10
6 x 7/8	10,000	Z6001F		Z6000F	Z6005F	Z6010F	Z6020F	10
6 x 5/8-11	10,000			Z6000FH	Z6005FH	Z6010FH	Z6020FH	10
7 x 7/8	8,600	Z7001F		Z7000F	Z7005F	Z7010F	Z7020F	10
7 x 5/8-11	8,600	Z7001FH		Z7000FH	Z7005FH	Z7010FH	Z7020FH	10

Type 27 - Zirconia Alumina with FIBERGLASS BACKING PLATE

### GRINDING, BLENDING & FINISHING



**ZIRCOTEX®**  
PREMIUM

DIMENSIONS Dia. x Arbor	MAX RPM	ZA24	ZA36	ZA40	ZA60	ZA80	ZA120	BOX QTY.
4 x 5/8	15,000	Z4025F		Z4030F	Z4035F	Z4040F	Z4045F	10
4-1/2 x 7/8	13,300	Z4525F	Z4528F	Z4530F	Z4535F	Z4540F	Z4545F	10
4-1/2 x 5/8-11	13,300	Z4525FH	Z4528FH	Z4530FH	Z4535FH	Z4540FH	Z4545FH	10
5 x 7/8	12,000	Z5025F		Z5030F	Z5035F	Z5040F	Z5045F	10
6 x 7/8	10,000			Z6030F	Z6035F	Z6040F	Z6045F	10
6 x 5/8-11	10,000			Z6030FH	Z6035FH	Z6040FH	Z6045FH	10
7 x 7/8	8,600	Z7025F		Z7030F	Z7035F	Z7040F	Z7045F	10
7 x 5/8-11	8,600	Z7025FH		Z7030FH	Z7035FH	Z7040FH	Z7045FH	10

Type 29 - Zirconia Alumina with ALUMINUM BACKING PLATE

### GRINDING, BLENDING & FINISHING



**ZIRCOTEX®**  
PREMIUM

DIMENSIONS Dia. x Arbor	MAX RPM	ZA24	ZA40	ZA60	ZA80	ZA120	BOX QTY.
4-1/2 x 7/8	13,300	Z4501	Z4500	Z4505	Z4510	Z4520	10
4-1/2 x 5/8-11	13,300	Z4501H	Z4500H	Z4505H	Z4510H	Z4520H	10
7 x 7/8	8,600		Z7000	Z7005	Z7010	Z7020	10
7 x 5/8-11	8,600		Z7000H	Z7005H	Z7010H	Z7020H	10

## METAL, STAINLESS, ALUMINUM Standard Thickness Discs

Type 29 - Aluminum Oxide with FIBERGLASS BACKING PLATE

### GRINDING, BLENDING & FINISHING



**ZIRCOTEX®**  
HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	A24	A40	A60	A80	A120	BOX QTY.
4 x 5/8	15,000		Z4060F	Z4065F	Z4070F	Z4075F	10
4-1/2 x 7/8	13,300	Z4555F	Z4560F	Z4565F	Z4570F	Z4575F	10
4-1/2 x 5/8-11	13,300	Z4555FH	Z4560FH	Z4565FH	Z4570FH	Z4575FH	10
5 x 7/8	12,000	Z5055F	Z5060F	Z5065F	Z5070F	Z5075F	10
7 x 7/8	8,600	Z7055F	Z7060F	Z7065F	Z7070F	Z7075F	10
7 x 5/8-11	8,600	Z7055FH	Z7060FH	Z7065FH	Z7070FH	Z7075FH	10

Type 27 - Aluminum Oxide with FIBERGLASS BACKING PLATE

### GRINDING, BLENDING & FINISHING



**ZIRCOTEX®**  
HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	A24	A40	A60	A80	A120	BOX QTY.
4 x 5/8	15,000	Z4080F	Z4085F	Z4090F	Z4095F	Z4097F	10
4-1/2 x 7/8	13,300	Z4580F	Z4585F	Z4590F	Z4595F	Z4597F	10
4-1/2 x 5/8-11	13,300	Z4580FH	Z4585FH	Z4590FH	Z4595FH	Z4597FH	10
5 x 7/8	12,000	Z5080F	Z5085F	Z5090F	Z5095F	Z5097F	10
7 x 7/8	8,600	Z7080F	Z7085F	Z7090F	Z7095F	Z7097F	10
7 x 5/8-11	8,600	Z7080FH	Z7085FH	Z7090FH	Z7095FH	Z7097FH	10

COATED ABRASIVES - Flap Discs

Use on  
Angle  
Grinders



Grinding,  
Blending,  
& Finishing

# Resin Fiber Sanding Discs - ALO, ZIRC, SIC Grain

- Manufactured with high quality abrasive grain, strong bonds and heavy-duty fiber backing.
- Resists tearing, glazing and loading on the toughest finishing applications.

## METAL, STAINLESS

**ALUMINUM OXIDE: Heavy Duty** - Premium aluminum oxide blends combined with a size coat of grinding aids delivers cool cutting and extends disc life. Provides fast material removal on a variety of ferrous and non ferrous metals, including mild steel, stainless and aluminum. Ideal for weld preparation or for blending and finishing applications. Also available with a 5/8-11 Quick-Spin arbor which eliminates the need for a locking nut. Quick-Spin discs require a compatible back-up pad. All back-up pads are available on page 52.



GRINDING, BLENDED & FINISHING		METAL, STAINLESS								
Use on Angle Grinders										
DIMENSIONS										BOX
Dia. x Arbor	A16	A24	A36	A50	A60	A80	A100	A120	QTY.	
4 x 5/8		32201	32202	32203	32204	32205	32206	32207	25	
4-1/2 x 7/8	32215	32216	32217	32218	32219	32220	32221	32222	25	
4-1/2 x 5/8-11 (Quick-Spin)		32276	32277	32278	32279	32280	32281	32282	25	
5 x 7/8	32230	32231	32232	32233	32234	32235	32236	32237	25	
7 x 7/8	32245	32246	32247	32248	32249	32250	32251	32252	25	
7 x 5/8-11 (Quick-Spin)		32306	32307	32308	32309	32310	32311	32312	25	
9 x 7/8		32261	32262	32263	32264	32265	32266	32267	25	

## METAL, STAINLESS

**ZIRCONIA ALUMINA: High Production** - Zirconia Alumina grain delivers the longest life on high tensile alloys including metal and stainless steel. Flexon discs deliver fast, cool cutting action and premium performance. Also available in the 5/8-11 Quick-Spin arbor which eliminates the need for a locking nut. Quick-Spin discs require a compatible back-up pad. All back-up pads are available on page 52.



GRINDING, BLENDED & FINISHING		METAL, STAINLESS							
Use on Angle Grinders									
DIMENSIONS									BOX
Dia. x Arbor	ZA16	ZA24	ZA36	ZA50	ZA60	ZA80		QTY.	
4 x 5/8		32401	32402	32403	32404	32405		25	
4-1/2 x 7/8		32416	32417	32418	32419	32420		25	
4-1/2 x 5/8-11 (Quick-Spin)		32476	32477	32478	32479	32480		25	
5 x 7/8		32431	32432	32433	32434	32435		25	
7 x 7/8	32445	32446	32447	32448	32449	32450		25	
7 x 5/8-11 (Quick-Spin)		32506	32507	32508	32509	32510		25	
9 x 7/8		32461	32462	32463	32464	32465		25	

## CONCRETE, MASONRY, GLASS, FIBERGLASS

**SILICON CARBIDE: Heavy Duty** - Manufactured with silicon carbide grain, this specialist disc is designed for use on concrete, masonry, glass and fiberglass applications.



GRINDING, BLENDED & FINISHING		CONCRETE, MASONRY, GLASS & FIBERGLASS						
Use on Angle Grinders								
DIMENSIONS								BOX
Dia. x Arbor	C36	C50	C60	C80	C100	C120	QTY.	
7 x 7/8	33047	33048	33049	33050	33051	33052	25	

# Resin Fiber Sanding Discs - Ceramic Grain

- Ceramic blends and full ceramic grain on heavy duty fiber backing.
- Electrostatic manufacturing process ensures that each grain has the sharpest projection for optimal performance.

Use on  
Angle  
Grinders



Grinding,  
Blending,  
& Finishing

## STAINLESS STEEL, ALLOYS

**CERAMIC BLEND SUPER LITE: Cool Grind** - Featuring a topical super-sized grinding aid treatment, this disc is designed to cut cool and self-lubricate to minimize surface discoloration. Designed for high performance grinding and finishing of stainless steel and heat sensitive alloys.



GRINDING, BLENDING & FINISHING		STAINLESS STEEL, ALLOYS					
Use on Angle Grinders		<b>FLEXON<sup>®</sup>SUPER Life</b>					
DIMENSIONS		BOX QTY.					
Dia. x Arbor	SCG24	SCG36	SCG50	SCG60	SCG80		
4-1/2 x 7/8	33416	33417	33418	33419	33420	25	
5 x 7/8	33431	33432	33433	33434	33435	25	
7 x 7/8	33446	33447	33448	33449	33450	25	

## METAL, STAINLESS

**CERAMIC BLEND CG LITE: Fast Grind** - High performance disc made with a blend of ceramic and zirconia grain. Fast initial rate-of-cut and excellent service life makes this disc an excellent value on mild steel, carbon steel and cast iron applications.



GRINDING, BLENDING & FINISHING		METAL, STAINLESS					
Use on Angle Grinders		<b>FLEXON<sup>®</sup>CG Lite</b>					
DIMENSIONS		BOX QTY.					
Dia. x Arbor	CGL24	CGL36	CGL50	CGL60	CGL80	CGL100	CGL120
4-1/2 x 7/8	33551	33552	33553	33554	33555	33556	33557
5 x 7/8	33566	33567	33568	33569	33570	33571	33572
7 x 7/8	33581	33582	33583	33584	33585	33586	33587

## METAL, STAINLESS

**CERAMIC GRAIN: Heavy Duty** - Made from 100% ceramic grain. The best rate-of-cut and disc life. Heavy stock removal and weld grinding on mild steel, carbon steel and cast iron. Also available in the 5/8-11 Quick-Spin arbor which eliminates the need for a locking nut. Quick-Spin discs require a compatible back-up pad. All back-up pads are available on page 52.



GRINDING, BLENDING & FINISHING		METAL, STAINLESS					
Use on Angle Grinders		<b>FLEXON<sup>®</sup>CG</b>					
DIMENSIONS		BOX QTY.					
Dia. x Arbor	CG24	CG36	CG50	CG60	CG80	CG120	
4-1/2 x 7/8	32816	32817	32818	32819	32820	25	
4-1/2 x 5/8-11(Quick-Spin)	32876	32877	32878	32879	32880	25	
5 x 7/8	32831	32832	32833	32834	32835	25	
5 x 5/8-11(Quick-Spin)	32891	32892	32893	32894	32895	25	
7 x 7/8	32846	32847	32848	32849	32850	32852	25
7 x 5/8-11(Quick-Spin)	32906	32907	32908	32909	32910	32912	25

Use on  
Angle  
Grinders



# Backing Pads

- Extends disc life up to 50%.
- Three grades to choose from.

## FOR USE WITH RESIN FIBER SANDING DISCS

- FLEXIBLE: Smooth Face** - Use with finer grit (60-120) resin fiber discs. Can be used with Quick-Spin discs.
- FIRM: Cooling Ribs** - Use with coarser grit (16-50) resin fiber discs. Also designed for use with semi-flexible masonry discs on page 25. Can be used with Quick-Spin discs.
- MEDIUM: Quick-Spin** - Spiralcool® backing pad.



USE WITH RESIN FIBER SANDING DISCS		BACKING PADS				
 Use on Angle Grinders						
DIMENSIONS Dia. x Thread	MAX RPM	FLEXIBLE Smooth Face	FIRM Cooling Ribs	MEDIUM Spiralcool®	BOX QTY.	
4 x 5/8-11	15,000	SK4050			1	
4 x M10-1.25	15,000	SK4010			1	
4 x M10-1.50	15,000	SK4020			1	
4-1/2 x 1/2-13	13,300	SK4530			1	
4-1/2 x 5/8-11	13,300	SK4550	SK4555	SK4560	1	
4-1/2 x M14-2	13,300	SK4540	SK4545		1	
5 x 5/8-11	12,000	SK5050	SK5055	SK5060	1	
5 x M14-2	12,000	SK5040	SK5045		1	
7 x 5/8-11	8,500	SK7050	SK7055	SK7060	1	
9 x 5/8-11	8,500	SK9050			1	

DIMENSIONS Dia. x Thread	CENTER NUTS			BOX QTY.
	4" x 5/8"	4-1/2" & 5"	7" & 9"	
5/8-11 Thread		S5610	S5600	1
M10-1.25 Thread	S5615	S5620		1
M10-1.50 Thread	S5630			1
M14-2 Thread		S5640		1
1/2-13 Thread		S5650		1
Adjustable Spanner Wrench - Part Number: S5500				

Spiralcool® is a registered trademark of Spiralcool.



# Trim-Kut™ Sanding Discs

- Grind and sand in one operation. These discs will outlast resin fiber discs 6 to 1.
- Multiple choices of adaptors allows for use on angle, vertical shaft or die grinders.

## METAL, STAINLESS

**ALUMINUM OXIDE:** Aluminum oxide fused to durable polymer backing eliminates the need for a backing pad and permits the trimming of the disc.



SANDING & FINISHING		METAL, STAINLESS				
 Use on Angle, Vertical Shaft, or Die Grinders						
DIMENSIONS Dia. x Arbor	MAX RPM	EXTRA COARSE A24	COARSE A36	MEDIUM A60	FINE A120	BOX QTY.
3 x 5/16-18 Thread	21,000	S0324A	S0336A	S0360A	S0312A	25
5 x 5/16-18 Thread	12,000	S0524A	S0536A	S0560A	S0512A	25

# Pressure Sensitive Adhesive Sanding Discs

- Premium gold paper back disc is ideal for finishing, stripping and stock removal.
- Stearate coating resists loading.



Use on  
Dual Action  
Sanders



Sanding &  
Finishing

Use on  
Vertical  
Shaft or Die  
Grinders



Deburring  
Sanding &  
Finishing

## METAL

**ALUMINUM OXIDE:** For finishing metals of all types, and sanding of wood, plastic and fiberglass. Stearate coating resists loading from material or painted surfaces.

SANDING & FINISHING		METAL							
Use on Dual Action Sanders									
DIMENSIONS									BOX QTY.
Diameter	A80-D	A100-B	A120-B	A150-B	A180-B	A220-B	A240-B	A320-B	
5 No Holes	28060	28090	28180	28270	28360	28450	28540	28630	100
6 No Holes	28064	28094	28184	28274	28364	28454	28544	28634	100

FOR USE WITH SANDING DISCS		DUAL ACTION BACKING PADS			
Use on Dual Action Sanders					
DIMENSIONS		MAX RPM	PSA No Holes	HOOK & LOOP No Holes	BOX QTY.
Dia. x Thread					
5 x 5/16-24		12,000	SK5080	SK5090	1
6 x 5/16-24		10,000	SK6080		1



# Quick-Change Sanding Discs



- Aluminum oxide grain resin bonded to cloth backing for flexibility and toughness.
- Available with 'Rolon' or 'Spin-on' mounting system.



## METAL

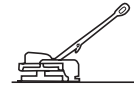
**ALUMINUM OXIDE:**  
 Grits A36-A60 - For weld removal and deburring applications.  
 Grits A80-A120 - For general purpose sanding and blending.

DEBURRING, SANDING & BLENDING		METAL						
Use on Vertical Shaft & Die Grinders								
Rolon Spin-On								
DIMENSIONS		A36	A50	A60	A80	A100	A120	BOX QTY.
Dia. Type								
2 Rolon		S0220R	S0230R	S0240R	S0250R	S0260R	S0270R	100
2 Spin-On		S0220S	S0230S	S0240S	S0250S	S0260S	S0270S	100
3 Rolon		S0320R	S0330R	S0340R	S0350R	S0360R	S0370R	50
3 Spin-On		S0320S	S0330S	S0340S	S0350S	S0360S	S0370S	50

COATED ABRASIVES - PSA & Quick Change Sanding Discs

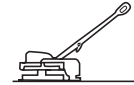


Use on Floor Maintenance Machines



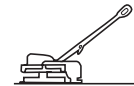
Sanding & Finishing

Use on Floor Maintenance Machines



Floor Prep & Finishing

Use on Floor Maintenance Machines



Stripping

COATED ABRASIVES - Large Diameter Sanding Discs, Mesh Screens & Steel Wool Pads

# Large Diameter Sanding Discs

- Premium silicon carbide grain.
- Extremely aggressive. Delivers fast cutting action and long life.



## FLOORS

### SILICON CARBIDE:

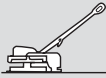
Grits 12-20 -

Combination cloth and paper backing. For removing wax, paint and mastic.

Grits C36-C100 -

Medium to fine finishing.

### SANDING & FINISHING



Use on Floor Maintenance Machines

### FLOORS



### DIMENSIONS

Dia. x Arbor	12 Comb.	16 Comb.	20 Comb.	C36	C60	C80	C100	BOX QTY.
15 x 2 Slotted	X1549	X1550	X1551	X1553	X1556	X1557	X1558	20
16 x 2 Slotted	X1559	X1560	X1561	X1563	X1566	X1567	X1568	20
17 x 2 Slotted	X1569	X1570	X1571	X1573	X1576	X1577	X1578	20
15 x 0 "Grip-N-Sand"*			X1551Q	X1553Q	X1556Q	X1557Q	X1558Q	20
17 x 0 "Grip-N-Sand"*			X1571Q	X1573Q	X1576Q	X1577Q	X1578Q	20

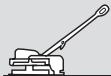
\* Grip-N-Sand discs have a partial abrasive layer on the back which grips to a standard nylon floor pad. Convert a buffer to a sander quickly and easily without using special adapters.

# Mesh Screens

- Open screen design resists loading.
- Ideal for hardwood, ceramic tile and concrete floor preparation and finish.



### FLOOR PREPARATION & FINISHING



Use on Floor Maintenance Machines

### FLOORS

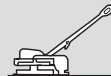


DIMENSIONS	COARSE C60	MED. COARSE C80	MEDIUM C100	FINE C120	VERY FINE C150	BOX QTY.
15 Disc	X1585	X1585A	X1585B	X1585C	X1585D	10
16 Disc	X1586	X1586A	X1586B	X1586C	X1586D	10
17 Disc	X1587	X1587A	X1587B	X1587C	X1587D	10
12 x 18	X1591	X1591A	X1591B	X1591C	X1591D	10
12 x 24	X1593	X1593A	X1593B	X1593C	X1593D	10

# Steel Wool Pads

- #2 Grade steel wool.
- Strip wax and build-up off floors quickly and easily.

### STRIPPING



Use on Floor Maintenance Machines

### FLOORS



### DIMENSIONS

Diameter	GRADE #2 Stripping	BOX QTY.
13	X1943	12
15	X1945	12
17	X1947	12



# NON WOVEN ABRASIVES





Use on Straight Grinders, Portable Drills or Angle Grinders



Cleaning, Conditioning, & Stripping

Use on Angle Grinders



Blending & Finishing

# Clean & Strip Discs



- Made of an open web of strong continuous nylon filaments to which coarse silicon carbide abrasive grain is bonded.
- Combination of a soft open backing with an extremely aggressive abrasive makes these discs ultra efficient in removing resistant materials left on the work surface without excessively altering its shape.

## METAL, STAINLESS, PLASTIC

**EXTRA COARSE: Black -**

For cleaning all types of welding, rapidly removing scale and oxidation, satin finishing small and large surfaces, and removing paints or other clogging materials such as salt, rust, grease, oil and protective waxes.



CLEANING, CONDITIONING & STRIPPING		METAL, STAINLESS, PLASTIC		
	Use on Straight Grinders or Portable Drills		<b>HIGH PERFORMANCE</b>	
<b>DIMENSIONS</b>	<b>MAX RPM</b>	<b>EXTRA COARSE Black</b>		<b>BOX QTY.</b>
<b>Dia. x Thk. x Arbor</b>				
4 x 5/8 x 1/4	7,000	H0415		10
6 x 5/8 x 1/2	5,300	H0615		10
8 x 5/8 x 1/2	4,000	H0815		10

CLEANING, CONDITIONING & STRIPPING		METAL, STAINLESS, PLASTIC		
	Use on Angle Grinders		<b>HIGH PERFORMANCE</b>	
<b>DIMENSIONS</b>	<b>MAX RPM</b>	<b>RECOMMENDED RPM</b>	<b>EXTRA COARSE Black</b>	<b>BOX QTY.</b>
<b>Dia. x Arbor</b>				
4-1/2 x 7/8	11,000	8,600	HS450	5



NON WOVEN ABRASIVES - Clean & Strip Discs, Surface Conditioning Discs

# Surface Conditioning Discs - Angle Grinders



- Abrasive material is evenly distributed through a three-dimensional network of nylon filaments reinforced by a cloth backing.
- Available with a 7/8 arbor or a 'Hook & Loop' mounting system.

## METAL, STAINLESS

**GENERAL PURPOSE**

- COARSE: Brown -** Aggressive action. Ideal for rugged applications.
- MEDIUM: Maroon -** A general purpose product good for routine applications.
- FINE: Blue -** Produces a fine finish. Ideal for polishing.

**HEAVY DUTY**

- COARSE: Brown -** Features ceramic abrasive grain with extremely aggressive action and long life.
- MEDIUM: Maroon -** Ceramic grain for extra long life.



BLENDING & FINISHING		METAL, STAINLESS					
	Use on Angle Grinders		<b>HIGH PERFORMANCE</b>				
<b>DIMENSIONS</b>	<b>MAX RPM</b>	<b>GENERAL PURPOSE COARSE Brown</b>	<b>HEAVY DUTY COARSE Brown</b>	<b>GENERAL PURPOSE MEDIUM Maroon</b>	<b>HEAVY DUTY MEDIUM Maroon</b>	<b>GENERAL PURPOSE FINE Blue</b>	<b>BOX QTY.</b>
<b>Dia. x Arbor</b>							
4 Hook & Loop	8,000	H0745A		H0745B		H0427J	20
4-1/2 x 7/8	8,000	HSC45C	HDH45C	HSC45M	HDH45M	HSC45V	20
4-1/2 Hook & Loop	8,000	H1410B		H1410A		H1409K	20
5 x 7/8	7,000	HSC50C	HDH50C	HSC50M	HDH50M	HSC50V	20
5 Hook & Loop	7,000	H0075A		H0064D		H0430D	20
7 x 7/8	6,000	HSC70C	HDH70C	HSC70M	HDH70M	HSC70V	20
7 Hook & Loop	6,000	H0075B		H0064F		H0430F	20

# Surface Conditioning Discs - Vertical Shaft Grinders



Use on Vertical Shaft Grinders

- Ideal for deburring, cleaning, blending and polishing.

- Choose from 'Rolon', 'Spin-On' or 'Hook and Loop' mounting systems.

## METAL, STAINLESS

- COARSE: Brown** - Aggressive action. Ideal for rugged applications.
- MEDIUM: Maroon** - A general purpose product, good for routine applications.
- FINE: Blue** - Produces a fine finish. Ideal for polishing.



Blending & Finishing

Use on Angle Grinders and Vertical Shaft Grinders



BLENDING & FINISHING		METAL, STAINLESS				
	Use on Vertical Shaft Grinders	Rolon	Spin-On	Hook & Loop		
DIMENSIONS Dia. Arbor Type	MAX RPM	COARSE Brown	MEDIUM Maroon	FINE Blue	BOX QTY.	
2 Rolon	25,000	H0552J	H0552H	H0552D	50	
2 Spin-On	25,000	H0352J	H0352H	H0352D	50	
2 Hook & Loop	8,000	H0745J	H0745K	H0427G	50	
3 Rolon	20,000	H0553C	H0553B	H0553A	25	
3 Spin-On	20,000	H0353C	H0353B	H0353A	25	
3 Hook & Loop	8,000	H0412A	H0412E	H0427H	25	

## Gripper Pads and Holders

- Constructed from high-impact plastics to ensure maximum support and adhesion.

- Medium flexibility to follow contours while finishing.

FOR USE WITH NON WOVEN SURFACE CONDITIONING DISCS		HOOK & LOOP GRIPPER PADS		
	Use on Angle Grinders			
DIMENSIONS Dia. x Shank	MAX RPM	MEDIUM	BOX QTY.	
4 x 5/8-11	15,000	SK4054	1	
4-1/2 x 1/2-13	13,000	SK4534	1	
4-1/2 x M14-2.0	13,000	SK4544	1	
4-1/2 x 5/8-11	13,000	SK4554	1	
5 x 1/2-13	12,000	SK5034	1	
5 x M14-2.0	12,000	SK5044	1	
5 x 5/8-11	12,000	SK5054	1	
7 x 5/8-11	8,000	SK7054	1	



**Threaded Insert Adaptors** - Reusable inserts convert common 5/8-11 threaded arbor to metric or 3/8-24 thread.



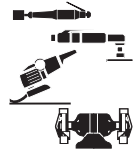
DIMENSIONS Pad Thread x Machine Thread	THREADED INSERT ADAPTOR FOR GRIPPER PADS	BOX QTY.
5/8-11 to M10-1.25	SK0125	1
5/8-11 to M10-1.5	SK0150	1
5/8-11 to 3/8-24	SK0324	1



FOR USE WITH NON WOVEN SURFACE CONDITIONING DISCS		GRIPPER PADS & HOLDERS				
	Use on Vertical Shaft Grinders					
DIMENSIONS Dia. x Shank	MAX RPM	ROLON Medium	SPIN-ON Medium	HOOK & LOOP Medium	BOX QTY.	
2 x 1/4 Shank	19,000			SK2064	1	
	30,000	SK2002	SK2006		1	
3 x 1/4 Shank	16,000			SK3064	1	
	20,000		SK3006		1	

NON WOVEN ABRASIVES - Surface Conditioning Discs, Gripper Pads & Holders

Use on  
Die Grinders,  
Vertical Shaft  
Grinders,  
Angle  
Grinders,  
or Bench  
Grinders



Deburring,  
Cleaning,  
Blending, &  
Polishing



NON WOVEN ABRASIVES - Unitized Surface Conditioning Discs

# Unitized Surface Conditioning Discs



- A high performance, tear resistant, long life, non woven abrasive disc impregnated with resin.
- Excellent for burr removal, blending marks or scratches, cleaning heavy oxidation or scale, and polishing on all types of metals including stainless steel, titanium, aluminum, alloys, plastics and composites.

## METAL, STAINLESS, ALUMINUM, PLASTICS & COMPOSITES



- ALO MEDIUM: 2AM -** Number 2 density, aluminum oxide grain, medium grade. More aggressive and most conforming to the workpiece.
- ALO MEDIUM: 6AM -** Number 6 density, aluminum oxide grain, medium grade. Most aggressive and less conforming to the workpiece.
- SIC FINE: 2SF -** Number 2 density, silicon carbide grain, fine grade. Less aggressive and most conforming to the workpiece.

DEBURRING, CLEANING BLENDING, & POLISHING		METAL, STAINLESS, ALUMINUM, PLASTICS		
 Use on Die Grinders				
DIMENSIONS Dia. x Thk x Arbor	MAX RPM	ALO MEDIUM 6AM	SIC FINE 2SF	BOX QTY.
1 x 1 x 3/16	30,100	24504	24500	40
3 x 1/4 x 1/4	15,100	24531	24530	25
3 x 1 x 3/8	15,100		24570	25





DEBURRING, CLEANING BLENDING, & POLISHING		METAL, STAINLESS, ALUMINUM, PLASTICS			
 Use on Vertical Shaft Grinders					
DIMENSIONS Dia. Arbor Type	MAX RPM	ALO MEDIUM 2AM	6AM	SIC FINE 2SF	BOX QTY.
2 Rolon	22,100	24701	24704	24700	10
3 Rolon	15,100	24721	24724	24720	10



DEBURRING, CLEANING BLENDING, & POLISHING		METAL, STAINLESS, ALUMINUM, PLASTICS		
 Use on Angle Grinders				
DIMENSIONS Dia. x Arbor	MAX RPM	ALO MEDIUM 6AM	SIC FINE 2SF	BOX QTY.
4-1/2 x 7/8	11,000	24744	24740	10
5 x 7/8	11,000		24760	10



DEBURRING, CLEANING BLENDING, & POLISHING		METAL, STAINLESS, ALUMINUM, PLASTICS		
 Use on Bench Grinders				
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	ALO MEDIUM 2AM	SIC FINE 2SF	BOX QTY.
6 x 1 x 1	5,000	24621	24620	5





# Wire End Brushes



Use on  
Straight  
or Die  
Grinders

- Ideal for cleaning and finishing pipes and working in recessed areas.



- Mounted on a standard 1/4" shank. Precision balanced for vibration - free performance.



## METAL

- CARBON WIRE: .014, .020** - For general purpose cleaning and deburring.
- Knotted** - Provides aggressive action on a variety of cleaning and maintenance applications.
  - Crimped** - Offers softer brushing. Ideal for surface blending, cleaning and polishing.
  - Crimped, Circular** - Flared brush is excellent for side cleaning or working within pipes.



CLEANING & CONDITIONING		METAL			
 Use on Straight or Die Grinders					
DIMENSIONS	MAX	WIRE	CARBON WIRE		BOX/
Dia. x Shank	RPM	TYPE	.014	.020	CRT. QTY.
3/4 x 1/4 Shank	20,000	Knotted	C1900*		1/48
1 x 1/4 Shank	20,000	Crimped		C1890*	1/48
1-1/8 x 1/4 Shank	20,000	Knotted		C1910*	1/48
2-1/2 x 1/4 Shank	20,000	Crimped, Circular	C1780*		1/48

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

# Wire Wheel Brushes






- Knot wire wheel brushes feature twisted wire tufts for heavy duty applications.
- High quality wire delivers reliable cleaning performance every time.

## METAL

- CARBON WIRE: .014, .020** - For general purpose cleaning and deburring.
- STAINLESS WIRE: .014, .016, .020** - For applications where contamination of the workpiece is a concern. All Flexovit stainless steel wire brushes are manufactured with 302 stainless.

**Knot Wire Wheel, Regular Twist** - Designed for removing weld flash, spatter and beadscale. Ideal for cleaning pipes.

CLEANING & CONDITIONING		METAL				
 Use on Straight or Die Grinders						
DIMENSIONS	MAX	CARBON WIRE		STAINLESS WIRE		BOX/
Dia. x Face Width x Arbor	RPM	.014	.020	.014	.016	CRT. QTY.
3 x 1/2 x 1/2, 3/8	25,000	C1050*		C1060		1/24
4 x 5/8 x 1/2, 3/8	20,000	C1070*				1/24
6 x 5/8 x 5/8, 1/2	9,000		C1080		C1090	1/24




\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

**Mandrel Adaptors for Knot Wire Wheels**

WHEEL BRUSH MANDREL ADAPTOR		
DIMENSIONS		BOX QTY.
3/8 Arbor, 1/4 Shank	C2040	1
1/2 Arbor, 1/2 Shank	C2050	1



**Knot Wire Wheel, Regular Twist, Shank Mounted** - The 3/4" trim knot is designed for aggressive cleaning and deburring, ready mounted on a 1/4" shank.

CLEANING & CONDITIONING		METAL				
 Use on Straight or Die Grinders						
DIMENSIONS	MAX	CARBON WIRE		STAINLESS WIRE		BOX/
Dia. x Face Width x Shank	RPM	.014	.020	.014	.020	CRT. QTY.
3 x 7/16 x 1/4 Shank	25,000	C2110*	C2120	C2140	C2150	1/12
4 x 5/8 x 1/4 Shank	20,000	C2210	C2220	C2240	C2250	1/12

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

WIRE BRUSHES - Wire End Brushes & Wire Wheel Brushes

Use on  
Angle  
Grinders

# Wire Wheel Brushes



- Four different brush styles available in both carbon and stainless steel.
- Highest quality steel wire and rugged construction provide fast efficient brushing on production work.

## METAL

**CARBON WIRE: .014, .020, .025** - For general purpose cleaning and deburring.

**STAINLESS WIRE: .016, .020** - For applications where contamination of the workpiece is a concern. All Flexovit stainless steel wire brushes are manufactured with 302 stainless.

**Stringer Bead Wire Wheel** - Narrow work face allows for easy access to confined areas. Ideal for weld and bead cleaning on pipes and vessels.

CLEANING & CONDITIONING		METAL			
DIMENSIONS	MAX	CARBON WIRE		STAINLESS WIRE	BOX/ CRT. QTY.
Dia. x Face Width x Thread	RPM	.020	.025	.020	
4 x 1/4 x 5/8-11	20,000	C1130*		C1180	1/24
4 x 1/4 x M14-2.0	20,000	C1140		C1190	1/24
4 x 1/4 x M10-1.25	20,000	C1150		C1200	1/24
4 x 1/4 x M10-1.5	20,000	C1160		C1210	1/24
4 x 1/4 x 1/2-13	20,000	C1170		C1220	1/24
5 x 1/4 x 5/8-11	12,000	C1270*		C1275	1/24
6-1/2 x 1/4 x 5/8-11	12,000	C1110*		C1120	1/24

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

**Knot Wire Wheel, Regular Twist** - 3/8" knot tufts provide high impact action to remove weld scale and splatter.

CLEANING & CONDITIONING		METAL			
DIMENSIONS	MAX	CARBON WIRE		STAINLESS WIRE	BOX/ CRT. QTY.
Dia. x Face Width x Thread	RPM	.020	.025	.020	
4 x 3/8 x 5/8-11	20,000	C1280*		C1380	1/24
4 x 3/8 x M14-2.0	20,000	C1290		C1390	1/24
4 x 3/8 x M10-1.25	20,000	C1300		C1400	1/24
4 x 3/8 x M10-1.5	20,000	C1310		C1410	1/24
4 x 3/8 x 1/2-13	20,000	C1320		C1420	1/24
5 x 3/8 x 5/8-11	12,000		C1430	C1435	1/24

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

**Knot Wire Wheel, Full Cable Twist** - Knots are uniformed and balanced to provide heavier impact in severe applications.

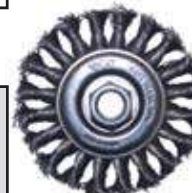
CLEANING & CONDITIONING		METAL			
DIMENSIONS	MAX	CARBON WIRE		STAINLESS WIRE	BOX/ CRT. QTY.
Dia. x Face Width x Thread	RPM	.020	.025	.016	
4 x 3/8 x 5/8-11	20,000	C1255		C1265	1/24
6 x 3/8 x 5/8-11	9,000		C1100*	C1105	1/24

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.


**Crimped Wire Wheel** - Offers high flexibility for applications on irregular surfaces. Excellent for light rust and oxide removal.

CLEANING & CONDITIONING		METAL			
DIMENSIONS	MAX	CARBON WIRE			BOX/ CRT. QTY.
Dia. x Face Width x Thread	RPM	.014			
4 x 1/2 x 5/8-11	12,500			C1840	1/24
4 x 1/2 x M14-2.0	12,500			C1850	1/24
4 x 1/2 x M10-1.25	12,500			C1860	1/24
4 x 1/2 x M10-1.50	12,500			C1870	1/24
4 x 1/2 x 1/2-13	12,500			C1880	1/24

WIRE BRUSHES - Wire Wheel Brushes



Use on  
Bench  
Grinders  
  
Cleaning &  
Conditioning

Use on  
High Speed  
Saws &  
Walk Behind  
Concrete  
Saws  


  
Cleaning

  
Cleaning &  
Conditioning

WIRE BRUSHES - Wheel Brushes, Expansion Joint Brushes, & Hand Scratch Brushes

# Wire Wheel Brushes

- Densely filled with high quality carbon wire.
- Multiple brushes may be stacked on a bench grinder to attain a wider working face.

## METAL

**CARBON WIRE:** .014 -

For general purpose cleaning and deburring.

**Crimped Wire Wheel -**

Offers high flexibility for applications on irregular surfaces. Excellent for light brushing and surface preparation.



CLEANING & CONDITIONING			METAL		BOX/ CRT. QTY.
Use on Bench Grinders			HIGH PERFORMANCE		
DIMENSIONS Dia. x Face Width x Thread	MAX RPM		CARBON WIRE .014		
6 x 1/2 x 5/8; 1/2	6,000		C1000*		1/24
6 x 1 x 5/8; 1/2	6,000		C1010*		1/24
7 x 1 x 5/8; 1/2	6,000		C1020		1/24
8 x 1 x 5/8; 1/2	4,500		C1030*		1/20
10 x 1-1/4 x 3/4	3,500		C1040		1/6

\* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.

### Adaptors for Wire Wheel Brushes for Bench Grinders

DIMENSIONS Outer Dim. x Inner Dim.	WHEEL BRUSH ADAPTORS	BOX QTY.
2 x 5/8; 1/2	C1230	1 Pair
2 x 3/4	C1240	1 Pair
2 x 1	C1250	1 Pair
2 x 1-1/4	C1260	1 Pair



# Wire Expansion Joint Brushes

## METAL

**CARBON WIRE:** .025, .028 -  
Knotted -

For general purpose cleaning and deburring. For cleaning joints or cracks in asphalt and concrete. Also used for preparing expansion joints for filling and sealing.



CLEANING		CONCRETE / ASPHALT				BOX/ CRT. QTY.
HIGH PERFORMANCE		Use on 12" High Speed Saws		Use on Walk-Behind Concrete Saws		
DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .028		CARBON WIRE .028	CARBON WIRE .025	
10 x 3/8 x 20mm	6,300	C1422				1/4
10 x 3/8 x 1 (D-1)	6,000	C1424		C1424		1/4
12 x 3/8 x 1 (D-1)	4,500				C1425	1/4

(D-1) Indicates single drive pinhole



# DIAMOND ABRASIVES





# Diamond Cup Wheels

Use on Angle Grinders



Grinding, Blending, & Finishing

Use on Angle Grinders & Circular Saws



Mortar Grinding

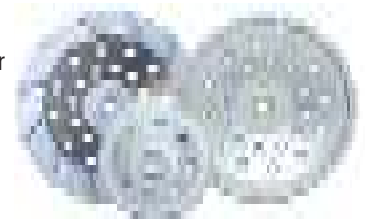
DIAMOND ABRASIVES - Cup Wheels & Tuck Pointing Blades




- For dry or wet grinding applications using angle grinders.
- For smoothing, shaping and removing flash on concrete, masonry and stone surfaces.

## CONCRETE, MASONRY

**CWTB-HD: High Performance -** Turbo segments, mounted in a spiral pattern, offer fast grinding action over the widest contact area.

**CWSG-ST: Standard -** Single rim, rowed segment cups are designed for economical, speedy grinding and smoothing of concrete and masonry products.



GRINDING, BLENDING, FINISHING		CONCRETE, MASONRY		
 Use on Angle Grinders	 Dry or Wet		<b>STANDARD™</b>	
DIMENSIONS Dia. x Rim x Arbor	MAX RPM	TURBO CWTB-HD	SEGMENTED CWSG-ST	BOX QTY.
4 x 1 ROW x 5/8-11	15,000		43806	1
4 x 9 SEG x 5/8-11	15,000	43833		1
4-1/2 x 9 SEG x 5/8-11	13,300	43903		1
5 x 9 SEG x 5/8-11	12,000	43865		1
7 x 1 ROW x 5/8-11	8,730		43902	1
7 x 12 SEG x 5/8-11	8,730	43929		1



# Tuck Pointing Blades

- For dry or wet grinding applications using angle grinders and circular saws.
- For grout and mortar removal between bricks and blocks.

## MORTAR, CONCRETE, MASONRY

**TPSG-ST: Standard -** Segmented blade with .250" thick segments and a long life bond formulation.



MORTAR GRINDING		MORTAR, CONCRETE, MASONRY		
 Use on Angle Grinders & Circular Saws	 Dry or Wet		<b>STANDARD™</b>	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED TPSG-ST	BOX QTY.	
4 x .250 x 7/8, 5/8	15,000	43950		1
4-1/2 x .250 x 7/8, 5/8	13,300	43966		1
5 x .250 x 7/8, 5/8	12,000	43982		1
7 x .250 x 7/8, 5/8	8,730	44014		1

 Indicates that the blade **MUST** be used wet. Wet blades require the use of water to cool the blade and prevent blade damage.



Indicates that the blade may be used either wet or dry. Dry/Wet blades can be used without water. Allow cooling intervals by running the blade load free at full speed every 10-15 seconds of cutting.

# Small Diameter Diamond Blades

- For dry or wet cutting operations using angle grinders, circular saws, and tile saws.
- For cool, fast cutting in concrete, brick, marble, stone, tile and other masonry materials. Choose from three versatile specifications.

Use on Angle Grinders, Circular Saws, & Tile Saws



Cutting Only

Use on Tile Saws



Cutting Only

## CONCRETE, MASONRY

- SDTB-HD: High Performance -** The turbo style reinforced castellated rim design delivers smooth cuts in the toughest applications.
- SDSG-HD: High Performance -** A very durable blade for all concrete and masonry jobs. Offers the lowest "cost per cut".
- SDSG-ST: Standard -** A fast cutting, multi-application blade for cutting concrete and masonry, at an economical price.



CUTTING ONLY		CONCRETE, MASONRY				
Use on Angle Grinders, Circular Saws, & Tile Saws		Dry or Wet		HIGH PERFORMANCE		
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	TURBO SDTB-HD	SEGMENTED SDSG-HD	SEGMENTED SDSG-ST	BOX QTY.	
4 x .070 x 7/8, 5/8	15,000		44078	44072	1	
4 x .080 x 7/8, 5/8	15,000	44089			1	
4-1/2 x .070 x 7/8, 5/8	13,300		44110	44104	1	
4-1/2 x .085 x 7/8, 5/8	13,300	44121			1	
5 x .070 x 7/8, 5/8	12,000		44142	44120	1	
5 x .085 x 7/8, 5/8	12,000	44137			1	
6 x .070 x 7/8, 5/8	10,185		44158		1	
7 x .085 x 7/8 ♦, 5/8	8,730		44174	44168	1	
7 x .095 x 7/8 ♦, 5/8	8,730	44185			1	
8 x .085 x 7/8 ♦, 5/8	7,640		44206		1	
8 x .100 x 7/8 ♦, 5/8	7,640	44217			1	
9 x .095 x 7/8, 5/8	6,790		44238		1	

♦-Indicates diamond shaped arbor.

## Diamond Tile Saw Blades

- For wet cutting using tile saws.
- For chip free cutting of porcelain and ceramic tile, marble, granite and glass.

### PORCELAIN TILE, CERAMIC TILE

**TSPC-HD: High Performance -** Long life blade for wet cutting on tile saws.

### GLASS

**TSGL-HD: High Performance -** Specially designed for chip free wet cutting on glass and glass tile.



CUTTING ONLY		HIGH PERFORMANCE		
Use on Tile Saws		Wet		
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	PORCELAIN TILE, CERAMIC TILE CONTINUOUS RIM TSPC-HD	GLASS CONTINUOUS RIM TSGL-HD	BOX QTY.
6 x .060 x 5/8	10,185	44569		1
7 x .060 x 5/8	8,730	44601		1
8 x .060 x 5/8	7,640	44617	44618	1
10 x .060 x 5/8	6,115	44649		1
10 x .070 x 5/8	6,115		44650	1

Indicates that the blade MUST be used wet. Wet blades require the use of water to cool the blade and prevent blade damage.



Indicates that the blade may be used either wet or dry. Dry/Wet blades can be used without water. Allow cooling intervals by running the blade load free at full speed every 10-15 seconds of cutting.

# High Speed Diamond Blades

- For dry or wet cutting operations using hand held high speed gas and electric saws.
- Choose from three application formulations - concrete, asphalt, and all purpose rescue and demolition.



Cutting Only

## CONCRETE, MASONRY

- HSCO-PR: Premium -** Premium performance blade featuring 15mm segment height.
- HSTS-HD: High Performance -** The turbo style reinforced castellated rim delivers smooth cuts in heavy duty applications.
- HSCO-HD: High Performance -** Heavy duty blade with 10mm segment height.
- HSCO-ST: Standard -** A blade for light to medium duty jobs at an economical cost.



CUTTING ONLY		CONCRETE, MASONRY				
	Use on High Speed Saws		Dry or Wet		STANDARD™	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED HSCO-PR	TURBO HSTB-HD	SEGMENTED HSCO-HD	SEGMENTED HSCO-ST	BOX QTY.
12 x .120 x 20mm (D-1)	6,300				44408	1
12 x .125 x 20mm (D-1)	6,300			44412		1
12 x .120 x 1, 20mm (D-1)	6,300				44424	1
12 x .125 x 1, 20mm (D-1)	6,300	44430	44425	44428		1
14 x .120 x 20mm (D-1)	5,460				44472	1
14 x .125 x 20mm (D-1)	5,460			44476		1
14 x .120 x 1, 20mm (D-1)	5,460				44488	1
14 x .125 x 1, 20mm (D-1)	5,460	44494	44489	44492		1
16 x .140 x 1, 20mm (D-1)	4,725			44524		1

(D-1) Indicates single drive pinhole.

## ASPHALT, GREEN CONCRETE

- HSAS-HD: High Performance -** Heavy duty blade with 10mm segment height and segment undercut protection.
- HSAS-ST: Standard -** A blade for light to medium duty jobs at an economical cost. Built with undercut protection.



CUTTING ONLY		ASPHALT, GREEN CONCRETE			
	Use on High Speed Saws		Dry or Wet		STANDARD™
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED HSAS-HD	SEGMENTED HSAS-ST	BOX QTY.	
12 x .125 x 20mm (D-1)	6,300	44415	44413	1	
12 x .125 x 1, 20mm (D-1)	6,300	44431	44429	1	
14 x .125 x 20mm (D-1)	5,460	44479	44477	1	
14 x .125 x 1, 20mm (D-1)	5,460	44495	44493	1	
16 x .140 x 1, 20mm (D-1)	4,725	44527		1	

(D-1) Indicates single drive pinhole.

## RESCUE AND DEMOLITION

- HSDR-PR: Premium -** For rescue and demolition applications, this blade cuts the broadest range of materials.

CUTTING ONLY		CONCRETE, DUCTILE IRON PIPE, METAL, REBAR, STEEL, WOOD		
	Use on High Speed Saws		Dry or Wet	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED HSDR-PR	BOX QTY.	
14 x .125 x 1, 20mm	5,400	44485	1	



Indicates that the blade MUST be used wet. Wet blades require the use of water to cool the blade and prevent blade damage.



Indicates that the blade may be used either wet or dry. Dry/Wet blades can be used without water. Allow cooling intervals by running the blade load free at full speed every 10-15 seconds of cutting.

# Super Combo Diamond Blades

- For maximum versatility these blades are designed for dry or wet cutting on masonry saws, high speed saws, and concrete saws.
- These jumbo segmented blades offer excellent performance on asphalt, green concrete, brick, block, concrete pavers, marble, stone, granite and ductile iron pipe.

Use on High Speed Saws, Masonry Saws & Walk-Behind Concrete Saws



## ASPHALT, BRICK, BLOCK, CONCRETE, DUCTILE IRON PIPE, GRANITE, MARBLE

**HSCM-PR: Premium -**

'All Purpose' premium blade featuring Jumbo 12mm rim with undercut protection. Excellent for cutting very hard materials.

**HSCM-HD: High Performance -**

Cuts all types of material and is designed for fast cutting performance.



Cutting Only

Use on Walk-Behind Concrete Saws



CUTTING ONLY		ASPHALT, BRICK, BLOCK, CONCRETE, DUCTILE IRON PIPE, GRANITE, MARBLE		
Use on High Speed Saws, Masonry Saws, & Walk-Behind Concrete Saws		Dry or Wet		
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	JUMBO TURBO HSCM-PR	TURBO HSCM-HD	BOX QTY.
12 x .125 x 1, 20mm (D-1)	6,300	44401	44417	1
14 x .125 x 1, 20mm (D-1)	5,460	44497	44481	1

(D-1) Indicates single drive pinhole.

# Walk-Behind Concrete Saw Blades

- For dry or wet road and concrete sawing using "walk-behind" concrete saws.
- Choose from two specifications: Concrete, Masonry or Asphalt / Green Concrete.

## CONCRETE, MASONRY

**CSCO-HD: High Performance -** Designed for cutting cured concrete with a 10mm segment height.

## ASPHALT, GREEN CONCRETE

**CSAS-HD: High Performance -** For fast cutting of asphalt or green concrete. Built with undercut protection.



CUTTING ONLY		HIGH PERFORMANCE		
Use on Walk-Behind Concrete Saws		Dry or Wet		
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED CSCO-HD	SEGMENTED CSAS-HD	BOX QTY.
12 x .125 x 1 (D-1)	5,095	44292	44293	1
14 x .125 x 1 (D-1)	4,365	44324	44325	1
18 x .140 x 1 (D-1)	3,395	44372		1

(D-1) Indicates single drive pinhole.

Indicates that the blade MUST be used wet. Wet blades require the use of water to cool the blade and prevent blade damage.

Indicates that the blade may be used either wet or dry. Dry/Wet blades can be used without water. Allow cooling intervals by running the blade load free at full speed every 10-15 seconds of cutting.



Use on  
Masonry  
Saws



# Masonry Saw Blades

- For dry or wet cutting on masonry saws.
- For cutting a wide range of brick, blocks, concrete pavers, marble and stone.

Cutting Only

## BRICK, BLOCK

**MSBB-PR: Premium -**

A premium blade for long life cutting on brick and masonry products.

**MSBB-HD: High Performance -**



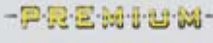

A heavy duty blade for hard masonry products including brick, stone and some refractory brick.



Use on  
Core  
Drilling  
Machines  
& Angle  
Grinders



Core Drilling

CUTTING ONLY		BRICK, BLOCK		
 Use on Masonry Saws	 Dry or Wet	 <b>PREMIUM</b>	 <b>HIGH PERFORMANCE</b>	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SEGMENTED MSBB-PR	SEGMENTED MSBB-HD	BOX QTY.
14 x .125 x 1, 20mm (D-1)	4,365	44772	44770	1
20 x .140 x 1	3,055		44802	1

(D-1) Indicates single drive pinhole.