FLEXOVIT®













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FLEXOVIT® USA, INC.

COMPANY PROFILE



Established in 1977, Flexovit USA, Inc. is a USA based manufacturer and marketer of high productivity abrasives for portable power tools including grinding and cutoff wheels, coated and non-woven abrasives, wire brushes, carbide burs, and diamond blades.

Flexovit operates a 100,000 sq. ft. ISO Certified factory, five Sales and Distribution Centers, and deploys a team of Technical Sales Representatives to provide support to abrasive users through a selective network of authorized Distributors in USA, Canada, and Mexico.

MISSION STATEMENT

"To be the most valued supplier of industrial abrasive products to customers that require the highest levels of product quality, service and expertise".

This mission will be accomplished by committing our collective efforts to fostering a profitable, professional and caring enterprise that is dedicated to;

Demonstrably superior product value.
Responsive and reliable customer service.
Expert and informative technical support.
Industry leading quality systems.
Internationally competitive state-of-the-art manufacturing in Western New York.
Meaningful alliances with our customers, suppliers and associates.
Employee programs that enhance the balance of work life and personal life.
Support of the communities in which we conduct our business.
Efficiency in all aspects of our business.
Environmental responsibility throughout our operations.



QUALITY CERTIFICATION



In 1995 Flexovit USA, Inc. became the first North American abrasive manufacturer to achieve ISO 9002 Certification.

In 2003 Flexovit achieved ISO 9001:2000 certification.

In 2009 Flexovit attained ISO 9001:2008 certification.

BUREAU VERITAS 1828 BUREAU VERITAS

ANAB ACCREDITED

MEMBERSHIPS AND AFFILIATIONS

- American Foundry Society
- American Rental Association
- American Society for Quality
- American Welding Society
- Casting Industry Suppliers Association
- Canadian Rental Association
- Canadian Welding Association
- Gases and Welding Distributors Association
- Industrial Supply Association
- National Association of Manufacturers
- Railway Supply Institute
- Railway Engineering-Maintenance Suppliers Association
- Specialty Tool and Fasteners Association

BONDED ABRASIVES

Depressed Center Wheels
- Grinding Wheels — Type 27 — 14-15
- Grinding Wheels — Type 28 — 16-17
- Thin Cutoff Wheels — Type 27 — 18-19
- Cutoff Wheels — Type 27 — 20-21
- Combination Wheels — Type 27 — 22-23
- Semi-Flexible Wheels — Type 27 & 29 — 24-25

Flaring Cupstones — Type 11 — 26

Plugs & Cones — Type 16, 17, 18 & 18R — 26

Mounted Points — 27

Bench Grinder Wheels & Wheel Dressers — Type 1 — 28-29

Hand Rubs & Floor Stones — 29

Small Diameter Cutoff Wheels
- Die Grinder Wheels — Type 1 — 30-31
- Thin Cutoff Wheels — Type 1 — 32-33
- Circular Saw Wheels — Type 1 — 34-35

Large Diameter Cutoff Wheels
- High Speed Saw Wheels — Type 1 — 36-37
- Chopsaw / Mitersaw Wheels — Type 1 — 38-39
- Stationary Saw Wheels — Type 1 — 40-41
- Walk-Behind Concrete Saw Wheels — Type 1 — 42-43
- Masonry Saw Wheels — Type 1 — 42-43















COATED ABRASIVES

Flap Discs — Type 27 & 29 — 46-49

Resin Fiber Sanding Discs & Backing Pads — 50-52

Sanding Discs
- Trim Kut™ Discs — 52
- Pressure Sensitive Adhesive (PSA) Discs — 53
- Dual Action Backing Pads — 53
- Quick-Change Discs & Backing Pads — 53

Sanding Belts — 54

Flap Wheels
- Mounted Flap Wheels — 55
- Unmounted Flap Wheels — 56

Sandpaper Sheets — 56

Shop Rolls, Plumbers Rolls & Waterproof Mesh Screens — 57

Speciality Coated Abrasives
- Cartridge Rolls & Mandrels — Straight & Full Taper — 58
- Coated Pads & Mandrels — Cross & Square — 59
- Flap Bands, Spiral Band Sleeves, & Drums — 60















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COATED ABRASIVES (CONTINUED)

Coated Floor Care Products
- Floor Sanding — Sheets, Rolls & Belts — 61
- Dust Collection Bags — 61
- Floor Edger Discs — 61
- Large Diameter Sanding Discs — 62
- Mesh Screens — 62
- Steel Wool — 62



NON WOVEN ABRASIVES

Clean & Strip Discs — Type 1 & 27 — 64



Surface Conditioning Discs — 64-65
- Gripper Pads & Holders



Unitized Wheels — Type 1 & 27 — 66



Surface Conditioning Belts — 67



Nylon Floor Pads — 68

Hand Pads — 68



CARBIDE BURS

Precision Ground Carbide Burs
- Double Cut Burs — 70-73
- Miniature Burs — 72-73
- Aluminum Cut Burs — 72-73



WIRE BRUSHES

End Brushes — 75

Wheel Brushes — 75-76, 78



Cup & Saucer Brushes — 77

Expansion Joint Brushes — 78

Hand Scratch & Acid Swab Brushes — 78



DIAMOND ABRASIVES

Cup Wheels — 80

Tuck Pointing Blades — 80



Small Diameter Blades — 81

Tile Saw Blades — 81



Large Diameter Cutoff Blades
- High Speed Saw Blades — 82
- Walk-Behind Concrete Saw Blades — 83
- Masonry Saw Blades — 84



Core Bits — 84



TABLE OF CONTENTS - By Power Tool

Tool	Product Category	Application	Type	Page #
ANGLE GRINDER				
	Clean & Strip Discs	*Cleaning, Conditioning & Stripping*	*27*	64
	Depressed Center Combination Wheels	*Cutting, Notching, Light Grinding*	*27*	22-23
	Depressed Center Cutoff Wheels	*Cutting*	*27*	20-21
	Depressed Center Grinding Wheels	*Grinding*	*27 & 28*	14-17
	Diamond Cup Wheels	*Grinding*		80
	Diamond Tuck Pointing Blades	*Mortar Grinding*		80
	Flap Discs	*Grinding, Blending & Finishing*	*27 & 29*	46-49
	Flaring Cupstones	*Grinding & Smoothing*	*11*	26
	Resin Fiber Sanding Discs & Backing Pads	*Grinding, Blending & Finishing*		50-52
	Semi- Flexible Wheels	*Grinding & Finishing*	*27 & 29*	24-25
	Semi-Flexible Masonry Discs	*Grinding, Blending & Finishing*	*29*	24-25
	Small Diameter Diamond Blades	*Cutting*		81
	Surface Conditioning Discs, Pads & Holders	*Blending & Finishing*		64-65
	Thin Cutoff Wheels	*Cutting*	*1*	32-33
	Thin Depressed Center Cutoff Wheels	*Cutting*	*27*	18-19
	Trim-Kut™ Sanding Discs	*Sanding & Finishing*		52
	Unitized Wheels	*Blending, Cleaning, Deburring & Polishing*	*27*	66
	Wire Cup / Saucer Brushes	*Cleaning & Conditioning*		77
	Wire Wheel Brushes	*Cleaning & Conditioning*		75-76
BELT SANDER				
	Sanding Belts	*Sanding & Finishing*		54
	Surface Conditioning Belts	*Blending, Finishing & Light Deburring*		67
BENCH GRINDER				
	Bench Grinder Wheels & Wheel Dressers	*Grinding*	*1*	28-29
	Unitized Wheels	*Blending, Cleaning, Deburring & Polishing*	*1*	66
	Unmounted Flap Wheels	*Cleaning & Finishing*		56
	Wire Wheel Brushes	*Cleaning & Conditioning*		78
CHOPSAW				
	Chopsaw/ Mitersaw Cutoff Wheels	*Cutting*	*1*	38-39
CIRCULAR SAW				
	Circular Saw Cutoff Wheels	*Cutting*	*1*	34-35
	Diamond Small Diameter Blades	*Cutting*		81
	Diamond Tuck Pointing Blades	*Mortar Grinding*		80
CORE DRILLING MACHINE				
	Diamond Core Bits	*Coring*		84
DUAL ACTION SANDER				
	PSA Discs & Dual Action Backing Pads	*Sanding*		53
FLOOR EDGER				
	Dust Collection Bags	*For use with Floor Edgers*		61
	Floor Edger Discs	*Sanding & Finishing*		61
FLOOR GRINDING MACHINE				
	Floor Stones	*Grinding*		29
FLOOR MAINTENANCE MACHINE				
	Large Diameter Sanding Discs	*Sanding & Finishing*		62
	Mesh Screens	*Floor Preparation & Finishing*		62
	Nylon Floor Pads	*Stripping, Scrubbing, Buffing & Polishing*		68
	Steel Wool Pads	*Stripping*		62

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Tool	Product Category	Application	Type	Page #
FLOOR SANDING MACHINE				
	Dust Collection Bags	*For use with Floor Sanding Machines*		61
	Floor Sanding Sheets, Rolls & Belts	*Sanding & Finishing*		61
HAND TOOLS				
	Hand Pads	*Cleaning & Finishing*		68
	Hand Rubs	*Cleaning & Finishing*		29
	Hand Scratch Wire Brushes	*Cleaning & Conditioning*		78
	Plumber's Rolls	*Cleaning & Finishing*		57
	Sandpaper Sheets	*Sanding & Finishing*		56
	Shop Rolls	*Cleaning & Finishing*		57
	Waterproof Mesh Screens	*Cleaning & Finishing*		57
HIGH SPEED SAW				
	Abrasive High Speed Cutoff Wheels	*Cutting*	*1*	36-37
	Diamond High Speed Cutoff Blades	*Cutting*		82
	Wire Expansion Joint Brushes	*Cleaning*		78
MASONRY SAW				
	Abrasive Masonry Saw Cutoff Wheels	*Cutting*	*1*	42-43
	Diamond Masonry Saw Blades	*Cutting*		84
PORTABLE SANDING TOOLS				
	Industrial & Portable Sanding Belts	*Sanding & Finishing*		54
	Surface Conditioning Belts	*Blending, Finishing & Light Deburring*		67
STATIONARY SAW				
	Stationary Saw Cutoff Wheels	*Cutting*	*1*	40-41
STRAIGHT / DIE GRINDER				
	Carbide Burs	*Grinding*		70-73
	Cartridge Rolls & Mandrels	*Grinding, Deburring & Finishing*		58
	Clean & Strip Discs	*Cleaning, Conditioning & Stripping*	*1*	64
	Cross / Square Pads & Mandrels	*Grinding, Deburring & Finishing*		59
	Flap Bands	*Grinding, Deburring & Finishing*		60
	Mounted Flap Wheels	*Cleaning & Finishing*		55
	Mounted Points	*Grinding & Finishing*		27
	Plugs and Cones	*Grinding & Snagging*	16, 17, 18, 18R	26
	Quick-Change Sanding Discs	*Sanding & Finishing*		53
	Small Diameter Abrasive Wheels	*Grinding & Cutting*	*1*	30-31
	Spiral Band Sleeves & Drums	*Grinding, Deburring & Finishing*		60
	Trim-Kut™ Sanding Discs	*Sanding & Finishing*		52
	Unitized Wheels	*Blending, Cleaning, Deburring & Polishing*		66
	Wire End Brushes	*Cleaning & Conditioning*		75
	Wire Wheel Brushes	*Cleaning & Conditioning*		75-76
TILE SAW				
	Diamond Tile Saw Cutoff Blades	*Cutting*		81
VERTICAL SHAFT GRINDER				
	Quick-Change Sanding Discs	*Sanding & Finishing*		53
	Surface Conditioning Discs, Pads & Holders	*Blending & Finishing*		64-65
	Trim-Kut™ Sanding Discs	*Sanding & Finishing*		52
	Unitized Wheels	*Blending, Cleaning, Deburring & Polishing*		66
WALK BEHIND CONCRETE SAW				
	Abrasive Concrete Saw Cutoff Wheels	*Cutting*	*1*	42-43
	Diamond Concrete Saw Blades	*Cutting*		83
	Wire Expansion Joint Brushes	*Cleaning*		78

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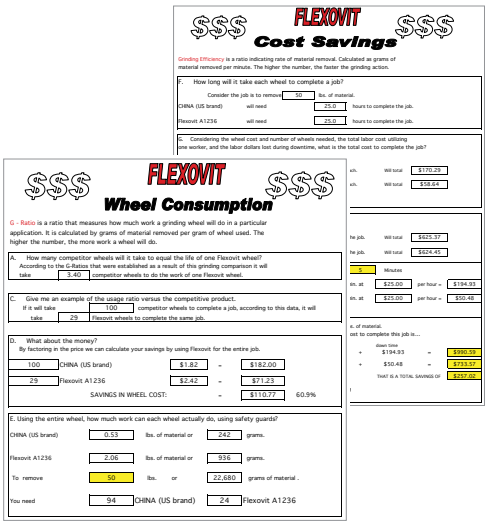
Flexovit Customer Support Services

Flexovit deploys a team of highly trained Technical Sales Representatives, backed up by our factory Product Engineering Department, whose mandate is to improve abrasive cutting, grinding and finishing processes, and reduce cost on your shop floor.

In support of these objectives, Flexovit has established an array of customer services including Product Testing, Product Training, and Product Development Programs, available on request to users and Distributors of Flexovit products.

PRODUCT TESTING – P.A.C.E. PROGRAM

Flexovit has developed a variety of objective product testing methods to calculate the actual cost of Flexovit and competitive products in a given application. Many of these can be performed either in our Testing Laboratory or on your site. This P.A.C.E. (Productivity And Cost Evaluation) Program measures wheel performance, factors in unit wheel and labor cost, and calculates both product cost and full cost for the application under study. The P.A.C.E. Program can be run for alternative products, and will then calculate the savings from using the lower cost alternative. This type of analysis is essential for the user that wants to establish their lowest cost alternative, because the lowest priced wheel is often the highest cost product based on the amount of work the wheel can do. For examples of P.A.C.E. analysis see catalog pages 12 and 13.



TRAINING

Flexovit Plant Training - For qualified abrasive users and distributor representatives, Flexovit offers regularly scheduled training seminars at the factory. Classroom seminars offer in depth discussions of raw materials, abrasive wheel construction, Flexovit product application and selling skills. Best of all, attendees are given the opportunity to receive 'hands-on' grinding and cutting training in our testing facility. By seeing Flexovit wheels in action and comparing out products with top competitors, participants see first hand how Flexovit stands up to the competition.

On-Site Training - Flexovit offers on-site training seminars for abrasive users, and Flexovit distributors. Tailored to the needs of your group, these sessions can focus on product applications, safety, or other topics of interest, and can include 'hands-on' sessions.



PRODUCT DEVELOPMENT

Flexovit's Product Engineering Department is continually working on standard product improvement. In addition, where warranted by special customer requirements, Flexovit can develop customized products for specific applications.



BONDED ABRASIVES















How a Resin Bonded Grinding Wheel Works

Grinding wheels for portable power tools belong 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

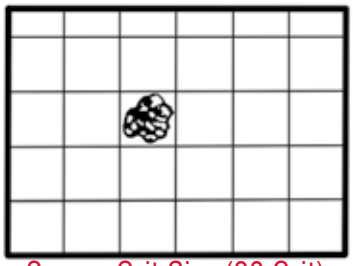


· Sharp mircocrystalline grain - cuts aggressively under light to moderate pressure.

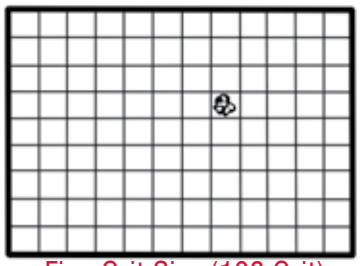
· Its quick cutting capability makes it suitable for grinding stainless steel, titanium, and high-nickel alloys.

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



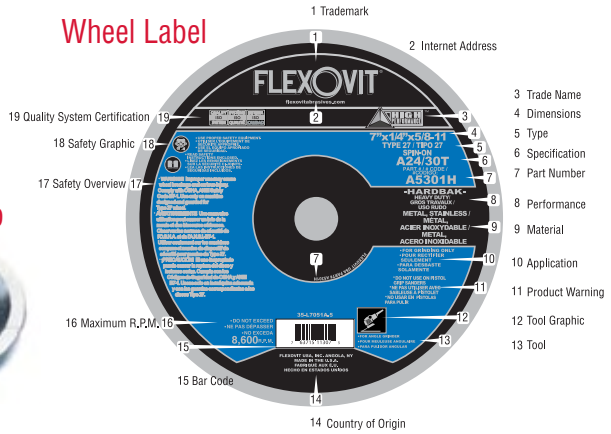
Arbor Ring



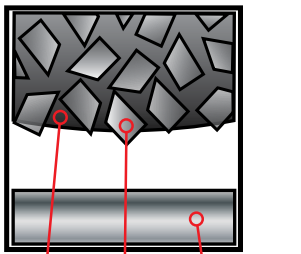
Spin-On Hub



Wheel Label



THE CUTTING TOOL PRINCIPLE





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.

Product Tiers, Productivity & Cost

ABRASIVE WHEEL PRODUCTIVITY AND COST

Flexovit offers most grinding and cutoff wheels in four distinct tiers of performance and value. These include 'BEST', 'BETTER' and 'GOOD' product families, as well as a 'SPECIALTY' group for grinding and cutting specific materials. Flexovit also offers a product group, Razorblades, devoted to extra thin cutoff wheels for angle grinders.

In most production settings the use of 'BETTER' and 'BEST' level abrasive wheels will result in a LOWER OVERALL JOB COST. Although the unit wheel price will be higher for these products, the increased wheel life will result in fewer wheels required, and the faster material removal rates will reduce labor cost.

For more information on reducing your total cost see pages 8,12 and 13 for information on our P.A.C.E. (Productivity And Cost Evaluation) Program.

FLEXOVIT PRODUCT TIERS

FLEXON®

• Maximum Productivity • Premium Abrasive Grain • Longest Life **BEST**

FLEXON wheels are made with premium electrominerals including zirconia alumina and ceramic aluminum oxide. Advanced bond systems ensure that this higher productivity abrasive grain is fully utilized before it is shed, optimizing both wheel life, and grinding and cutting speed.

Depending on specific circumstances, users of FLEXON products have reported that wheels last up to 10 times longer than competitive conventional products, and remove material up to 50% faster.

FLEXON products include Type 27 and 28 grinding wheels, Type 27 combination cutting / grinding wheels, Type 27 cutting wheels, Type 1 die grinder wheels, and Type 1 rail track wheels for high speed rail saws.

Metalhog® / Foundryhog®

• Superior Productivity • Higher Efficiency • Longer Life **BETTER**

METALHOG and FOUNDRYHOG wheels are made with a blend of premium, semi-premium, and standard electrominerals, as well as proprietary bond systems. This results in a moderately priced wheel with exceptional grinding and cutting speed, and superior wheel life.

These wheels can deliver wheel life up to 3 times longer that competitive conventional products, and remove material up to 30% faster.

METALHOG specifications are available in Type 27 grinding wheels, Type 27 combination cutting / grinding wheels, Type 1 circular saw wheels, and Type 1 stationary saw wheels. FOUNDRYHOG specs are available in Type 27 grinding wheels, and Type 27 combination cutting / grinding snagging wheels.

HIGH PERFORMANCE™

• High Productivity • Versatility • Durability **GOOD**

Made with the same processes as premium FLEXON and METALHOG wheels, Flexovit's HIGH PERFORMANCE tier of products is made from high quality aluminum oxide or silicon carbide grains and bond systems. These products are the hardest working aluminum oxide / silicon carbide wheels available, offering durability, consistency, and safety unmatched by both domestic and imported competing brands.

It is not unusual for Flexovit HIGH PERFORMANCE wheels to exceed competing aluminum oxide / silicon carbide wheel life by up to 3 to 1.

Flexovit HIGH PERFORMANCE wheels are manufactured in Types 1, 27 and 28 for all applications using angle grinders, die grinders, circular saws, high speed saws, chopsaws, stationary saws, 'walk behind' concrete saws and masonry saws.

SPECIALIST®

• Job Focused • Optimum Performance • For Tougher Materials **SPECIALTY**

Flexovit manufactures selected products for grinding and cutting particular materials, including aluminum, asphalt, concrete, drywall stud, ductile pipe, iron, oil and gas pipeline, railtrack, sheet metal, and stainless steel. Although Flexovit's HIGH PERFORMANCE, METALHOG, FOUNDRYHOG, and FLEXON products are very effective in many of these materials, users who work exclusively on these applications may achieve overall economy by using a SPECIALIST wheel.

Razorblade®

• Razor Sharp • Fast Cutting • Versatile **EXTRA THIN CUTOFF**

Flexovit's RAZOBLADE family of products is entirely devoted to extra thin cutoff wheels for use on angle grinders, in both Type 1 and Type 27. These products are invaluable for both production and maintenance operations, offering a fast, portable, and safe method for cutting all metals.

Flexovit manufactures a complete range of specifications to suit the job at hand – Razorblade EZ for extra fast and easy cutting action, Razorblade for all around general purpose cutting with long wheel life, Razorblade HD for heavy duty cutting, Razorblade SS for stainless, and Razorblade ALU for aluminum cutting.

Made in the USA

ALL FLEXOVIT RESIN REINFORCED BONDED ABRASIVE PRODUCTS ARE MANUFACTURED AT OUR ISO 9001:2008 CERTIFIED MANUFACTURING FACILITY IN ANGOLA, NEW YORK, USA.

Certified ISO Quality System

Type 27

Type 28

Use on Angle Grinders

Grinding ONLY

Productivity And Cost Evaluation - Grinding

P.A.C.E. Program

The unit price of a grinding wheel is not indicative of the overall cost to the user, since the amount of work done by different manufacturers' wheels can vary widely. Flexovit's 'G-Ratio' lab testing indicates the true cost of the wheel by factoring wheel price with G-Ratio results.

G-RATIO (Grinding Ratio) - A ratio that measures how much work a grinding wheel will do in a particular application. It is calculated by grams of material removed, per gram of wheel used. The higher the number, the more work the wheel will do.

Step 1:



Weigh the unused grinding wheel and the workpiece.

Step 2:



Grind for a set time period.

Step 3:



Weigh the used grinding wheel and the workpiece after grinding.

Step 4:

Calculate results for G-ratio. Factor in prices to determine wheel value.

As an example, Flexovit tested one of the most widely distributed Chinese manufactured 4-1/2"x1/4"x7/8" Type 27 'fastcut' wheels against a standard Flexovit USA manufactured fast grinding specification, A30S. These import wheels are typically sold at low unit cost, but yield much higher overall job cost. The results appear below.

Date: 7/6/09 Procedure: Flat Grinding Test Time (minutes): 15 min.

Operator: T.M. Material type/size/shape: M1018 Steel : 3/4 x 2 x 12 : Bar Flat

Tool Make & Model: DeWalt R28402 Tool AMPS: 10 Tool RPM: 11,000

WHEEL"A"

Product Name: Made in China (U.S. Brand) Wheel Size: 4-1/2"x1/4"x7/8" Product Code: -

Spec: Fast Grind Type: 27 Wheel Price: $ $1.75

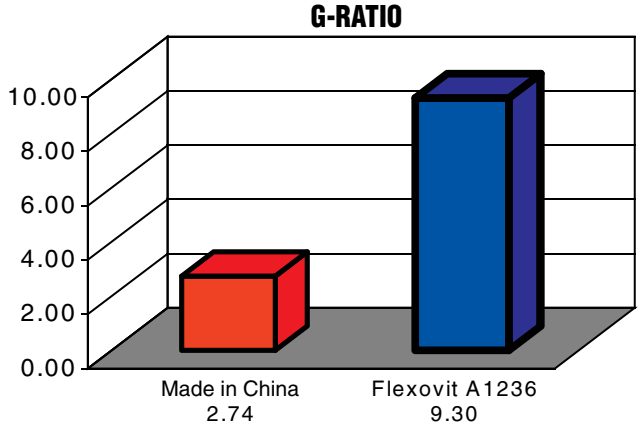
Starting Wheel Weight:	155.3 grams	Starting Material Weight:	500 grams	**RESULTS**
- Finishing Wheel Weight:	80.8 grams	- Finishing Material Weight:	296 grams	
= Wheel Loss:	74.5 grams	= Material Removed:	204 grams	G-Ratio: Material Removed / Wheel Loss = 204 / 74.5 = 2.74

WHEEL"B"

Product Name: Flexovit High Performance Wheel Size: 4-1/2"x1/4"x7/8" Product Code: A1236

Spec: A30S Type: 27 Wheel Price: $ $2.58

Starting Wheel Weight:	176.5 grams	Starting Material Weight:	500 grams	**RESULTS**
- Finishing Wheel Weight:	152.1 grams	- Finishing Material Weight:	273 grams	
= Wheel Loss:	24.4 grams	= Material Removed:	227 grams	G-Ratio: Material Removed / Wheel Loss = 227 / 24.4 = 9.3



- It will take 3.4 Chinese wheels to do the work of 1 Flexovit USA manufactured wheel.
- At published end user list pricing, you will pay total $5.95 for 3.4 Chinese wheels vs. $2.58 for 1 Flexovit A30S wheel.
- Using this Chinese made wheel will cost your company **2.3 times MORE** than using Flexovit USA's A30S wheel.

* This data is presented by Flexovit USA, Inc. to assist users and distributors of industrial abrasives in establishing the actual cost of alternative Depressed Center Grinding Wheels. Testing was performed at Flexovit USA's test facility in Angola, New York. This data is for illustrative purposes only. G-Ratio test results may vary depending on grinding procedure, material type, and tool used.

Call 1-800-689-FLEX (3539) or your Flexovit Representative for more information on value testing.

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Productivity And Cost Evaluation - Cutoff

P.A.C.E. Program

Type 27

Type 1

Use on Stationary Saws, Chopsaws, Angle Grinders, High Speed Saws, Circular Saws, & Die Grinders

Cutoff ONLY

The unit price of a cutoff wheel is not indicative of the overall cost to the user, since the number of cuts done by different manufacturers' wheels can vary widely. Flexovit's 'Cutting Index' lab testing indicates the true cost of the wheel by factoring wheel price with cutting index results.

CUTTING INDEX – A ratio that measures how much work a cutoff wheel will do in a particular application. It is calculated by material surface area cut, per wheel surface area used. The higher the number, the more work the wheel will do.

Step 1:



Measure the starting wheel diameter and the surface area of the material to be cut.

Step 2:



Make a set number of cuts on the material.

Step 3:



Re-measure the used wheel diameter and calculate wheel surface area used. Multiply the material surface area times the number of cuts to calculate the total material surface area cut.

Step 4:

Calculate results for cutting index. Factor in prices to determine wheel value.

As an example Flexovit tested a U.S. made premium wheel from a prominent manufacturer against a standard Flexovit USA manufactured Razorblade specification, A60SST. The results appear below.

Date: 3/11/10

Procedure: Cutoff

Operator: T.M.

Tool Make & Model: DeWalt D28144

Tool AMPS: 13 Tool RPM: 9,000

Materials Cut (size/type/area per cut/#of cuts):

#1: 1" Angle (1.510cm²) - 20 Cuts

#2: 1/2" Solid Rod (1.29cm²) - 20 Cuts

#3: .060x19" Stainless Steel Sheet Metal (7.60cm²) - 3 Cuts

#4: 1/8x4" Stainless Steel (3.22cm²) - 5 Cuts

WHEEL"A"

Product Name U.S. Manufactured

Spec Premium Type: 1

Total Number of Cuts: 48

Total Test Time: 204 sec.

Time/Cut: 4.3 sec.

Wheel Size: 6"x.045"x7/8"

Wheel Price:$ 4.81

Total Wheel Area Loss: 194.27 cm²
=.7854x(OD²-ID²)

Total Area Cut: 94.90 cm²
=# of cuts x area of cut

Product Code: Premium Product

RESULTS

Cutting Index: Total Area Cut / Total Wheel Area Loss = 94.90 / 194.27 = 0.49

WHEEL"B"

Product Name Flexovit Razorblade

Spec A60SST Type: 1

Total Number of Cuts: 48

Total Test Time: 203 sec.

Time/Cut: 4.2 sec.

Wheel Size: 6"x.045"x7/8"

Wheel Price:$ 4.26

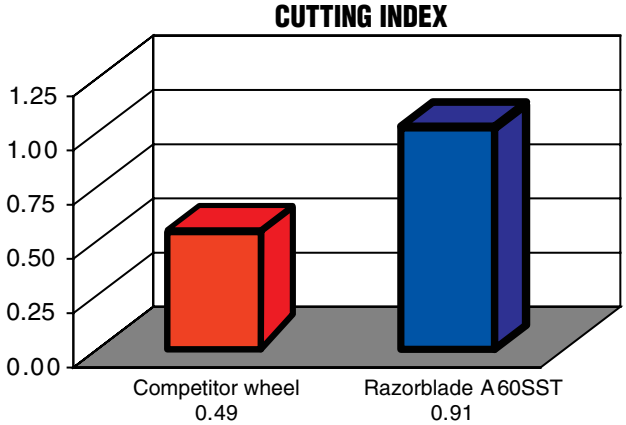
Total Wheel Area Loss: 104.44 cm²
=.7854x(OD²-ID²)

Total Area Cut: 94.90 cm²
=# of cuts x area of cut

Product Code: F1707

RESULTS

Cutting Index: Total Area Cut / Total Wheel Area Loss = 94.90 / 104.44 = 0.91



- It will take 1.9 Competitor wheels to do the work of 1 Flexovit USA manufactured wheel.
- At published end user list pricing, you will pay total $9.14 for 1.9 Competitor wheels vs. $4.26 for 1 Flexovit, Razorblade A60SST wheel.
- Using this Competitor made wheel will cost your company **2.2 times MORE** than using Flexovit USA's Razorblade A60SST wheel.

* This data is presented by Flexovit USA, Inc. to assist users and distributors of industrial abrasives in establishing the actual cost of alternative Cutoff Wheels. Testing was performed at Flexovit USA's test facility in Angola, New York. This data is for illustrative purposes only. Cutting Index test results may vary depending on procedure, material type, and tool used.

Call 1-800-689-FLEX (3539) or your Flexovit Representative for more information on value testing.

Type 27 Depressed Center Grinding Wheels

Made in USA

Certified ISO Quality System

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 ¼" 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.

Metalhog®

• 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.

Foundryhog®

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 PERFORMANCE™

• 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.

SPECIALIST®

• 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.

Depressed Center Grinding Wheels

Made in USA

Certified ISO Quality System

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 — Use on Angle Grinders — Type 27

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best FAST GRIND ZA24P	FLEXON Best HEAVY DUTY ZA20Q	BOX QTY.	Metalhog Better RAPID GRIND AXT24S	High Performance Good FAST GRIND A30S	High Performance Good HEAVY DUTY A24/30T	BOX/ CRT. QTY.
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 — Use on Angle Grinders — Type 27

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best FOUNDRY SNAG ZA16U	BOX QTY.	Foundryhog Better RAPID GRIND ZACX24T	Foundryhog Better 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 — Use on Angle Grinders — Type 27

SPECIALIST®

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	ALUMINUM LOAD RESISTANT A24ALU	STAINLESS STEEL FREE GRIND A30Q	FOUNDRY, IRON FOUNDRY CA24R	CONCRETE, MASONRY HEAVY DUTY C24/30P	BOX/ CRT. QTY.
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.

Type 28

Depressed Center Grinding Wheels

Made in USA

Certified ISO Quality System

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 ¼" 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 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 – ZA16U — Fast stock removal in rough foundry applications.



HIGH PERFORMANCE™

• 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.



SPECIALIST®

• Job Focused • Optimum Performance • For Tougher Materials

SPECIALTY

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

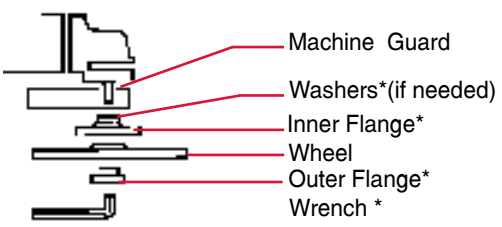
CONCRETE, MASONRY

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

Made in USA

Certified ISO Quality System

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



Use on Angle Grinders



Type 28

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best HEAVY DUTY ZA24S	BOX QTY.	HIGH PERFORMANCE Good FAST GRIND A30S	HEAVY DUTY A24/30T	BOX/ CRT. QTY.
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



Use on Angle Grinders



Type 28

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best FOUNDRY SNAG ZA16U	BOX QTY.
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
9 x 1/4 x 5/8-11	6,800	A8254H	10

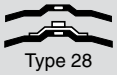
Flange kit for 7" & 9", 1/4" x 7/8" wheels available on page 16.

CONCRETE, MASONRY

GRINDING ONLY



Use on Angle Grinders



Type 28

SPECIALIST®

CONCRETE, MASONRY

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	HEAVY DUTY C24/30P	BOX QTY.
7 x 1/4 x 7/8	8,600	A5447	25
7 x 1/4 x 5/8-11	8,600	A5447H	10
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.

Type 27

Thin Depressed Center Cutoff Wheels

Made in USA

Certified ISO Quality System

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.

Use on Angle Grinders

Cutoff ONLY

Razorblade 27®

• Razor Sharp • Long Life • Versatile

LONG LIFE

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.



Razorblade 27 EZ

• Razor Sharp • Fast Cutting • Versatile

FAST CUT

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.



Razorblade 27 HD

• Razor Sharp • Extra Durable • Versatile

HEAVY DUTY

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.



Razorblade 27 ALU

• Job Focused • Optimum Performance

SPECIALTY

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.



Razorblade 27 SS

• Job Focused • Optimum Performance

SPECIALTY

STAINLESS STEEL

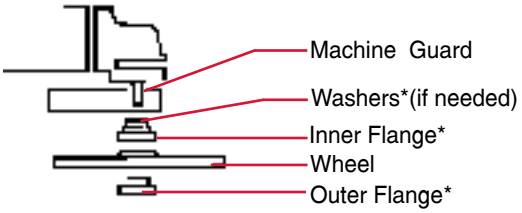
Free Cut- A30Q

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



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

Made in USA

Certified ISO Quality System

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 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Razorblade 27 LONG LIFE A60SST-27	Razorblade 27 EZ FAST CUT A60RRT-27	Razorblade 27 HD HEAVY DUTY A24/30T	BOX/ CRT. QTY.
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 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Razorblade 27 ALU ALUMINUM LOAD RESISTANT A60ALU-27	Razorblade 27 SS STAINLESS STEEL FREE CUT A30Q	BOX/ CRT. QTY.
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.

Type 27

Depressed Center Cutoff Wheels

Made in USA

Certified ISO Quality System

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).

Use on Angle Grinders

Cutoff ONLY

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 PERFORMANCE™

• 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.



SPECIALIST®

• 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

Made in USA

Certified ISO Quality System

Type 27

Use on Angle Grinders

Cutoff ONLY

PIPELINE: Cutting, notching, root pass grinding.

CUTTING ONLY

Use on Angle Grinders — Type 27

FLEXON® Best

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FAST CUT ZA30T	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

Use on Angle Grinders — Type 27

HIGH PERFORMANCE™ Good

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FAST CUT A30S	HEAVY DUTY A24/30T	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

Use on Angle Grinders — Type 27

SPECIALIST®

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	STAINLESS STEEL FREE CUT A30Q	CONCRETE, MASONRY HEAVY DUTY C24/30P	PIPELINE FAST CUT A30R	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 7/8	6,800			A7278	25
9 x .125 x 5/8-11	6,800			A7278H	10

Type 27

Depressed Center Combination Wheels

Made in USA

Certified ISO Quality System

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.



Metalhog®

• 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 - AXT24S — Fast, aggressive cutting action and stock removal.

Foundryhog®

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 cutting action and stock removal.



HIGH PERFORMANCE™

• 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 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.



SPECIALIST®

• 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 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

Made in USA

Certified ISO Quality System

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

Use on Angle Grinders — Type 27

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best HEAVY DUTY ZA24S	FLEXON Best SMOOTH GRIND ZA30T	Metalhog Better RAPID GRIND, CUT AXT24S	BOX QTY.	High Performance Good FAST CUT, GRIND A30S	HEAVY DUTY A24/30T	BOX/ CRT. QTY.
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

Use on Angle Grinders — Type 27

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best FOUNDRY NOTCHER ZA16U	BOX QTY.	Foundryhog Better 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

Use on Angle Grinders — Type 27

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Specialist 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

Type 27

Type 29

Use on Angle Grinders

Grinding & Finishing

Semi-Flexible Wheels

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.

Made in USA

Certified ISO Quality System

FLEXCEL™

• 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

SPECIALIST®

• 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

Made in USA

Certified ISO Quality System

Type 27

Type 29

Use on Angle Grinders

Grinding & Finishing

METAL, STAINLESS, ALUMINUM:

TYPE 27 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.

GRINDING & FINISHING

Use on Angle Grinders

Type 27

FLEXCEL™

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	A - FINE 50 - 120 Grit	A- MEDIUM 24 - 60 Grit	A - COARSE 12 - 36 Grit	BOX/ CRT. 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:

TYPE 29 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.

GRINDING & FINISHING

Use on Angle Grinders

Type 29

FLEXCEL™

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	A - Fine 50 - 120 Grit	A- Medium 24 - 60 Grit	A - Coarse 12 - 36 Grit	BOX/ CRT. 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

SPECIALIST®

CONCRETE, MASONRY, STONE

DIMENSIONS Dia.xThk.xArbor	MAX RPM	COARSE C16	COARSE / MEDIUM C24	MEDIUM C36	BOX QTY.
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

BACK UP PAD

DIMENSIONS	SMOOTH FACE	BOX QTY.
4-1/2	SK4550	1
7	SK7050	1

Flaring Cupstones

Made in USA

Type 11
Use on Angle Grinders

- Ideal for rough grinding or snagging work on steel or concrete.
- 5/8”-11 threaded arbor for spin-on mounting.

Grinding & Smoothing

METAL, STAINLESS

A16QB - This aluminum oxide spec is ideal for snagging and cleaning castings and stands up to offhand grinding on flat surfaces.

ZA16PB - This zirconia alumina spec delivers fast stock removal on all ferrous metals.



CONCRETE, MASONRY

C16PB - Made with silicon carbide grain, this coarse spec is ideal for grinding and cleaning concrete, masonry and stone.

NONFERROUS

AC16QB - A special mix of silicon carbide and aluminum oxide grains, the AC16QB is intended for grinding cast iron and aluminum.

Type 16 Type 17

Type 18 Type 18R

Use on Straight Grinders

Grinding & Snagging

GRINDING & SMOOTHING

Use on Angle Grinders

Type 11

HIGH PERFORMANCE

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	METAL, STAINLESS A16QB	METAL, STAINLESS ZA16PB	CONCRETE C16PB	NONFERROUS AC16QB	BOX QTY.
4 x 2 x 5/8-11	9,072	N4250		N4255		10
4 x 2 x 5/8-11 (Steel Back)	9,072	N4250S		N4255S		10
5 x 2 x 5/8-11	7,258	N5250	N5265	N5255	N5253	10
5 x 2 x 5/8-11 (Steel Back)	7,258	N5250S		N5255S		10
6 x 2 x 5/8-11	6,048	N6250	N6265	N6255	N6253	10
6 x 2 x 5/8-11 (Steel Back)	6,048	N6250S		N6255S		10

Plugs and Cones

Made in USA

- Formulated for maximum material removal and long life.
- Internal threaded arbor for direct mounting.



METAL, STAINLESS

A24RB - Made with aluminum oxide grain, these general purpose plugs and cones are ideal for grinding and snagging in hard to reach places. Ideal on ferrous castings and weldments where heavy stock removal is required.

GRINDING & SNAGGING

Type 16 Type 17 Type 18 Type 18R

Use on Straight Grinders

METAL, STAINLESS

HIGH PERFORMANCE

DIMENSIONS Dia.xLengthxThread	MAX RPM	TYPE 16 A24RB	TYPE 17 A24RB	TYPE 18 A24RB	TYPE 18R A24RB	BOX QTY.
1-1/4 x 3 x 3/8-24	29,000	N0131				10
1-1/4 x 3 x 5/8-11	29,000	N0132				10
1-1/2 x 2 x 3/8-24	24,191			N3211		10
1-1/2 x 2-1/2 x 3/8-24	24,191			N3221	N2221	10
1-1/2 x 2-1/2 x 5/8-11	24,191			N3222	N2222	10
1-1/2 x 3 x 3/8-24	24,191		N1231	N3231	N2231	10
1-1/2 x 3 x 5/8-11	24,191		N1232	N3232	N2232	10
2 x 3 x 5/8-11	18,100	N0432	N1432	N3432	N2432	10
2-3/4 x 3-1/2 x 5/8-11	18,100	N0742				10

Mounted Points

Made in USA

- Dressed for perfect balance and vibration-free running.
- An inexpensive alternative to more costly carbide burs.



Use on Die Grinders



Grinding & Finishing

METAL, STAINLESS

WA60RV - These aluminum oxide mounted points are ideal for deburring and finishing steel and other ferrous metals. With a wide range of shapes and sizes, Flexovit's WA60RV mounted points are the highest quality in the industry, meeting or exceeding ANSI safety codes.

GRINDING & FINISHING

Use on Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE

DIMENSIONS Dia. x Length x Shank	MAX RPM	SHAPE	WA60RV	BOX QTY.
3/4 x 2-1/2 x 1/4 Shank	19,800	A1	M0001	10
1 x 2-3/4 x 1/4 Shank	16,100	A3	M0003	10
3/4 x 1-1/8 x 1/4 Shank	45,000	A5	M0005	10
7/8 x 2 x 1/4 Shank	19,860	A11	M0011	10
11/16 x 1-1/4 x 1/4 Shank	48,000	A12	M0012	10
1-5/8 x 3/8 x 1/4 Shank	23,520	A36	M0036	10
1 x 1 x 1/4 Shank	34,500	A38	M0038	10
3/4 x 3/4 x 1/4 Shank	47,250	A39	M0039	10
3/8 x 3/4 x 1/8 Shank	47,370	B52	M0052	10
3/8 x 3/8 x 1/8 Shank	61,650	B122	M0122	10
1/4 x 1/4 x 1/8 Shank	81,370	W160	M0160	10
1/4 x 1/2 x 1/8 Shank	60,000	W163	M0163	10
3/8 x 3/4 x 1/8 Shank	33,750	W177	M0177	10
1/2 x 1/2 x 1/4 Shank	34,500	W185	M0185	10
3/4 x 3/4 x 1/4 Shank	18,900	W204	M0204	10
1 x 1/8 x 1/8 Shank	38,200	W215	M0215	10
1 x 1 x 1/4 Shank	25,500	W220	M0220	10
1 x 2 x 1/4 Shank	15,900	W222	M0222	10
1-1/2 x 1/4 x 1/4 Shank	25,470	W235	M0235	10
1-1/2 x 1/2 x 1/4 Shank	25,470	W236	M0236	10

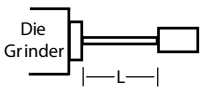


IMPORTANT TIP: ANSI B7.1-2000 recommends as the mandrel length is extended from the die grinder the rotating RPM of the mounted point be reduced. The following chart should be used as a guide.

MANDREL LENGTH*

L=	1/2"	1"	1-1/2"	2"	2-1/2"
	100% Max RPM	70% Max RPM	52% Max RPM	38% Max RPM	24% Max RPM

* Length of abrasive from die grinder collet



Bench Grinder Wheels

Type 1

- 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 — HIGH PERFORMANCE

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 — HIGH PERFORMANCE

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.

Wheel Dressers & Replacement Cutters

- Designed to true bench wheels to correct shape.
- Quickly remove foreign material embedded in the face of the wheel.



BENCH WHEEL DRESSERS

DESCRIPTION	USE ON BENCH WHEELS Diameter	Thickness	PART NUMBER	BOX QTY.
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 Dia. x Thk. x Arbor	FOR DRESSER STYLE	PART NUMBER	BOX QTY.
1-1/4 x .426 x 1/4	No. 0	U11220	1
1-1/2 x .432 x 1/2	No. 1	U11320	1



Hand Rubs

- Fluted face provides multiple sharp edges for extra shearing action.
- Ideal for quick concrete removal and touch up.



CONCRETE

HIGH PERFORMANCE

DIMENSIONS Length x Width x Thk.	SILICON CARBIDE GRAIN C16	C24	BOX QTY.
6 x 3 x 1	X2004		1
8 x 3-1/2 x 1-1/2		X2005	1

Floor Stones

- Excellent for grinding and finishing concrete, stone, brick and terrazzo floors.
- Optional wooden wedges for extra comfort and ease of use.



GRINDING — **CONCRETE, STONE, BRICK & TERRAZZO (SILICON CARBIDE GRAIN)**

Use on Floor Grinding Machines

HIGH PERFORMANCE

DIMENSIONS Width x Height x Length	ROUGH GRINDING C10	MEDIUM GRINDING C24	SMOOTH FINISH C80	BOX QTY.
2 x 2 x 4	X2000	X2002	X2001	12
WOODEN WEDGE - PART NUMBER: X1595				1

Small Diameter Abrasive Wheels

Made in USA

Flexovit fully reinforced Small Diameter Wheels are designed for use on die grinders and straight grinders. Wheels from .035" through 1/8" thick are designed for cutting applications. Wheels from 3/16" through 1/2" thickness are designed for grinding using the periphery of the wheel as the grinding face.

FLEXON®

• Maximum Productivity • Premium Abrasive Grain • Longest Life **BEST**

FLEXON Type 1 Small Diameter Wheels incorporate premium zirconia grain with advanced bond systems to deliver the highest job productivity and the lowest total cost.

METAL, STAINLESS, ALLOYS

Fast Cut - ZA60T, ZA46T — Developed with premium zirconia grain, Flexon small diameter wheels deliver fast cutting and exceptional life.



HIGH PERFORMANCE™

• High Productivity • Versatility • Durability **GOOD**

Flexovit HIGH PERFORMANCE Small Diameter Wheels are the hardest working aluminum oxide wheels available. Choose from 3 specifications depending on the wheel thickness your job requires.

METAL, STAINLESS, ALLOYS

Fast Cut - A60T, A46T, A36R — Designed for cutting and notching, these wheels work especially well on thin walled tube and pipe.

Fast Cut, Grind - A36R — Designed for cutting, notching and peripheral grinding.

Fast Grind - A36Q — Designed for peripheral jobs, including weld grinding, burr removal and smoothing of steel and other alloys.



MANDREL ADAPTERS

Quick mounting mandrel adaptors for small diameter wheels.





MANDREL ADAPTERS

FITS WHEEL SIZE OF: Diameter	Thickness	Arbor	Shank Size	PART NUMBER	BOX QTY.
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

METAL, STAINLESS, ALLOYS:

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 WHEELS

CUTTING ONLY

Use on Straight & Die Grinders — Type 1

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON Best FAST CUT ZA60T	FLEXON Best FAST CUT ZA46T	HIGH PERFORMANCE Good FAST CUT A60T	HIGH PERFORMANCE Good FAST CUT A46T	HIGH PERFORMANCE Good FAST CUT A36R	BOX/ CRT. QTY.
2 x .035 x 1/4	30,558			F0105			100
2 x .035 x 3/8	30,558			F0110			100
2 x 1/16 x 1/4	30,558				F0115		50
2 x 1/16 x 3/8	30,558				F0120		50
2 x 1/8 x 1/4	30,558					F0135	25
2 x 1/8 x 3/8	30,558					F0140	25
2-1/2 x .035 x 3/8	24,446			F0210			100
2-1/2 x 1/16 x 3/8	24,446				F0220		50
2-1/2 x 1/8 x 3/8	24,446					F0240	25
3 x .035 x 1/4	25,000	F0309		F0305			100
3 x .035 x 3/8	25,000	F0314		F0310			100
3 x 1/16 x 1/4	25,000		F0319		F0315		50
3 x 1/16 x 3/8	25,000		F0324		F0320		50
3 x 1/8 x 1/4	25,000					F0335	25
3 x 1/8 x 3/8	25,000					F0340	25
4 x .035 x 1/4	19,000			F0405			100
4 x .035 x 3/8	19,000	F0414		F0410			100
4 x 1/16 x 1/4	19,000				F0415		50
4 x 1/16 x 3/8	19,000				F0420		50
4 x 1/8 x 3/8	19,000					F0440	25
6 x .045 x 5/8	10,000			F1703			25/100
6 x 1/16 x 5/8	10,000				F1704		25/100

METAL, STAINLESS, ALLOYS COMBINATION WHEELS

CUTOFF, NOTCHING & LIGHT GRINDING

Use on Straight & Die Grinders — Type 1

DIMENSIONS Dia.xThk.xArbor	MAX RPM	HIGH PERFORMANCE Good FAST CUT, GRIND A36R	BOX QTY.
3 x 3/16 x 3/8	20,372	F0349	25

METAL, STAINLESS, ALLOYS GRINDING WHEELS

GRINDING ONLY

Use on Straight & Die Grinders — Type 1

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	HIGH PERFORMANCE Good FAST GRIND A36Q	BOX QTY.
2 x 1/4 x 3/8	30,558	F0159	20
2 x 3/8 x 3/8	27,120	F0169	10
2 x 1/2 x 3/8	27,120	F0179	10
2-1/2 x 1/2 x 3/8	21,696	F0279	10
3 x 1/4 x 3/8	20,372	F0359	20
3 x 3/8 x 3/8	18,080	F0369	10
3 x 1/2 x 3/8	18,080	F0379	10
4 x 1/4 x 3/8	15,278	F0459	20

Thin Angle Grinder Cutoff Wheels

Made in USA

Certified ISO Quality System

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

LONG LIFE

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.



Razorblade EZ

• Razor Sharp • Fast Cutting • Versatile

FAST CUT

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.



Razorblade HD

• Razor Sharp • Extra Durable • Versatile

HEAVY DUTY

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.



Razorblade ALU

• Job Focused • Optimum Performance

SPECIALTY

ALUMINUM

Load Resistant - A60ALU

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



Razorblade HD

• Job Focused • Optimum Performance

SPECIALTY

SHEET METAL

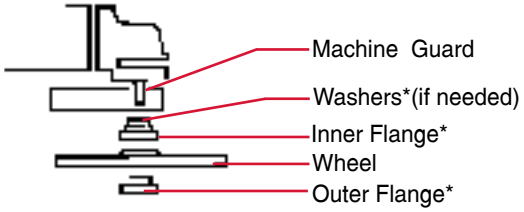
Heavy Duty- A30VB39

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.



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.



Thin Angle Grinder Cutoff Wheels

Made in USA

Certified ISO Quality System

Type 1

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, welds.

CUTTING ONLY Use on Angle Grinders Type 1 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Razorblade® LONG LIFE A60SST	Razorblade EZ FAST CUT A60RRT	Razorblade HD HEAVY DUTY A36TB38	BOX/ CRT. QTY.
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 Use on Angle Grinders Type 1 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Razorblade ALU ALUMINUM LOAD RESISTANT A60ALU	Razorblade HD SHEET METAL HEAVY DUTY A30VB39	BOX/ CRT. QTY.
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.

Circular Saw Wheels

Type 1

Use on Circular Saws

Cutoff ONLY

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.

Made in USA

Certified ISO Quality System

Metalhog®

• 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 PERFORMANCE™

• 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.



SPECIALIST®

• 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

Use on Circular Saws — Type 1

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Metalhog™ Better METAL, STAINLESS RAPID CUT ZA30VB	High Performance™ Good METAL, STAINLESS FAST CUT A36TB38	High Performance™ Good CONCRETE, MASONRY HEAVY DUTY C30UB64	BOX QTY.
6 x 3/32 x 5/8	10,000		F1751		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

Use on Circular Saws — Type 1

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SPECIALIST® SHEET METAL HEAVY DUTY A30VB39	STAINLESS STEEL FREE CUT A46RB50	BOX QTY.
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

Certified ISO Quality System

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 PERFORMANCE™

• 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.

FLEXON®

• 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.

SPECIALIST®

• 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.

Flexovit does not recommend the use of wheel arbor bushing to adapt 1" arbors to 20mm shafts.

High Speed Gas & Electric Saw Wheels

Made in USA

Certified ISO Quality System

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 Use on High Speed Saws Type 1 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	Good METAL, STAINLESS HEAVY DUTY A24/30SB	Good CONCRETE, MASONRY HEAVY DUTY C30UB	BOX QTY.
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 1/8 x 1	4,700	F6687	L6627	10

RAILTRACK

CUTOFF Use on High Speed Saws Type 1 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FLEXON BEST FAST CUT ZA30PB	SPECIALIST SPECIALTY FAST CUT A30PB	BOX QTY.
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 Use on High Speed Saws Type 1 DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	SHEET METAL, DECKING HEAVY DUTY A24TB	SPECIALIST DUCTILE, CAST IRON HEAVY DUTY A30R	ASPHALT, GR. CONCRETE HEAVY DUTY C16UB	BOX QTY.
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

Flexovit does not recommend the use of wheel arbor bushing to adapt 1" arbors to 20mm shafts.

Type 1

Use on Chopsaws

Cutoff ONLY

Chopsaw / Mitersaw 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.

Made in USA

Certified ISO Quality System

HIGH PERFORMANCE™

• 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.



Made in USA

Certified ISO Quality System

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.

CUTTING ONLY

Use on Chopsaws — Type 1

HIGH PERFORMANCE — *Good*

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	FAST CUT A30RB	LONG LIFE A30SB	BOX QTY.
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

Use on Chopsaws — Type 1

SPECIALIST®

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

Stationary Saw Wheels

Type 1

Use on Stationary Saws

Cutoff ONLY

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

Made in USA

Certified ISO Quality System

Metalhog®

• 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 PERFORMANCE™

• 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.

SPECIALIST®

• 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.

Made in USA

Certified ISO Quality System

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  Use on Stationary Saws — Type 1		Metalhog™ Better	HIGH PERFORMANCE™ Good		
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	LONG LIFE ZAX30TB	MULTI PURPOSE A30RB	LONG LIFE A30SB	BOX QTY.
10 x 3/32 x 5/8	6,112			F3579	10
10 x 3/32 x 1	6,112			F3583	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  Use on Stationary Saws — Type 1		SPECIALIST®		
		METAL, STAINLESS, TUBE	IRON, NONFERROUS	
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	LONG LIFE A24TB	HEAVY DUTY AC24PB	BOX QTY.
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

Type 1

Use on Walk-Behind Concrete Saws

Cutoff ONLY

Use on Masonry Saws

Cutoff ONLY

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.

Made in USA

Certified ISO Quality System

HIGH PERFORMANCE™

• 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 High Performance Masonry saw wheels

HIGH PERFORMANCE™

• High Productivity • Versatility • Durability

GOOD

Flexovit HIGH PERFORMANCE Type 1 Masonry Saw wheels

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

Made in USA

Certified ISO Quality System

Type 1

Use on Walk-Behind Concrete Saws



Cutoff ONLY

Use on Masonry Saws



Cutoff ONLY

CURED CONCRETE

CUTOFF



Use on Walk-Behind Concrete Saws — Type 1

HIGH PERFORMANCE™ **Good**

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	HEAVY DUTY C20SB	HEAVY DUTY High Horse Powered Saws C16TB	BOX 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



Use on Walk-Behind Concrete Saws — Type 1

HIGH PERFORMANCE™ **Good**

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	GENERAL PURPOSE C16 G.P.	HEAVY DUTY C16UB	BOX 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



Use on Masonry Saws — Type 1

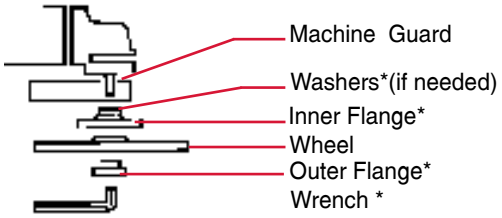
HIGH PERFORMANCE™ **Good**

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	GENERAL PURPOSE C24RB	BOX QTY.
14 x 1/8 x 1	4,365	L5927	10

Accessories for Bonded Abrasives

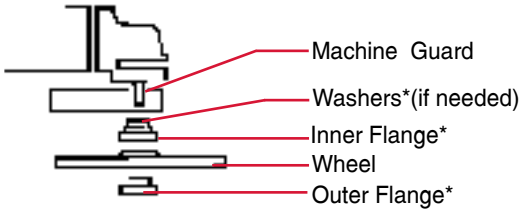
CP50 FLANGE KIT - Part Number Z0301

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 Diameter	Thickness	PART NUMBER	BOX QTY.
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 Dia. x Thk. x Arbor	FOR DRESSER STYLE	PART NUMBER	BOX QTY.
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

FITS WHEEL SIZE OF: Diameter	Thickness	Arbor	Shank Size	PART NUMBER	BOX QTY.
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

Type 29

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.

Made in USA

Certified ISO Quality System

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.

ZIRCOMAX® **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.



Made in USA

Certified ISO Quality System

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 then 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, BLENDING & FINISHING

Use on Angle Grinders

Type 29

ZIRCOMAX 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, BLENDING & FINISHING

Use on Angle Grinders

Type 27

ZIRCOMAX 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

Type 29

Use on Angle Grinders

Grinding, Blending & Finishing

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.

Made in USA

Certified ISO Quality System

ZIRCOTEX® 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® 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

Made in USA

Certified ISO Quality System

Type 27

Type 29

Use on Angle Grinders

Grinding, Blending & Finishing

METAL, STAINLESS, ALUMINUM
Standard Thickness Discs

Type 29 - Zirconia Alumina with FIBERGLASS BACKING PLATE

GRINDING, BLENDING & FINISHING — Use on Angle Grinders — Type 29

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 — Use on Angle Grinders — Type 27

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 — Use on Angle Grinders — Type 29

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 — Use on Angle Grinders — Type 29

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 — Use on Angle Grinders — Type 27

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

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, BLENDING & FINISHING — **METAL, STAINLESS**



Use on Angle Grinders

HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	A16	A24	A36	A50	A60	A80	A100	A120	BOX 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, BLENDING & FINISHING — **METAL, STAINLESS**



Use on Angle Grinders

FLEXON®

DIMENSIONS Dia. x Arbor	ZA16	ZA24	ZA36	ZA50	ZA60	ZA80	BOX 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, BLENDING & FINISHING — **CONCRETE, MASONRY, GLASS & FIBERGLASS**



Use on Angle Grinders

SPECIALIST®

DIMENSIONS Dia. x Arbor	C16	C24	C36	C50	C60	C80	C100	C120	BOX QTY.
7 x 7/8			33047	33048	33049	33050	33051	33052	25

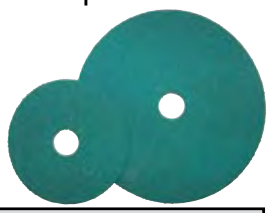
Resin Fiber Sanding Discs - Ceramic Grain

- 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

FLEXON CG SUPER Lite

DIMENSIONS Dia. x Arbor	SCG24	SCG36	SCG50	SCG60	SCG80	BOX QTY.
4-1/2 x 5/8	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.

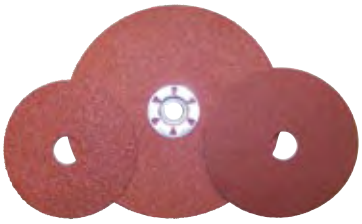
GRINDING, BLENDING & FiNISHING — **METAL, STAINLESS**

Use on Angle Grinders

FLEXON CG Lite

DIMENSIONS Dia. x Arbor	CGL24	CGL36	CGL50	CGL60	CGL80	CGL100	CGL120	BOX QTY.
4-1/2 x 7/8	33551	33552	33553	33554	33555	33556	33557	25
5 x 7/8	33566	33567	33568	33569	33570	33571	33572	25
7 x 7/8	33581	33582	33583	33584	33585	33586	33587	25

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

FLEXON CG

DIMENSIONS Dia. x Arbor	CG24	CG36	CG50	CG60	CG80	CG120	BOX QTY.
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
9 x 5/8-11(Quick-Spin)	32906	32907	32908	32909	32910	32912	25

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

Use on Angle Grinders

BACKING PADS

HIGH PERFORMANCE

DIMENSIONS Dia. x Thread	MAX RPM	FLE x IBLE 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 4"x5/8"	4-1/2" & 5"	7" & 9"	BOX QTY.
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				1

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

Use on Angle, Vertical Shaft, or Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE

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

DIMENSIONS Disc Thread to Tool Thread	TRIM KUT™ ADAPTOR	BOX QTY.
5/16-18 to 1/4 Round Mandrel	S0010	1
5/16-18 to 1/4 Hex. Mandrel	S0011	1
5/16-18 to 3/8-24 Thread	S0012	1
5/16-18 to 7/16-20 Thread	S0014	1
5/16-18 to 5/8-11 Thread	S0018	1
5/16-18 to M10-1.25 Thread	S0020	1
5/16-18 to M10-1.5 Thread	S0022	1
5/16-18 to 1/2-13 Thread	S0026	1
5/16-18 to M14-2 Thread	S0030	1



TRIM-KUT™ is a registered trademark of Glit/Gemtex.

Pressure Sensitive Adhesive Sanding Discs

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



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.

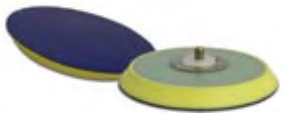
SANDING & FINISHING — **METAL** — HIGH PERFORMANCE

Use on Dual Action Sanders

DIMENSIONS Diameter	A80-D	A100-B	A120-B	A150-B	A180-B	A220-B	A240-B	A320-B	BOX QTY.
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 Dia. x Thread	MAX RPM	PSA No Holes	HOOK & LOOP No Holes	BOX QTY.
5 x 5/16-24	12,000	SK5080	SK5090	1
6 x 5/16-24	10,000	SK6080		1

Quick-Change Sanding Discs

Made in USA

- 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** — HIGH PERFORMANCE

Use on Vertical Shaft & Die Grinders — Rolon — Spin-On

DIMENSIONS Dia. Type	A36	A50	A60	A80	A100	A120	BOX QTY.
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	100
3 Spin-On	S0320S	S0330S	S0340S	S0350S	S0360S	S0370S	100

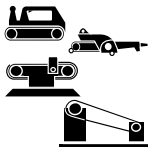
FOR USE WITH QUICK-CHANGE SANDING DISCS — **QUICK-CHANGE BACKING PAD**

Use on Vertical Shaft & Die Grinders — Rolon — Spin-On



DIMENSIONS Dia. x Shank, Type	MAX RPM	MEDIUM	BOX QTY.
2 x 1/4 Shank, Rolon	30,000	SK2002	1
2 x 1/4 Shank, Spin-On	30,000	SK2006	1
3 x 1/4 Shank, Rolon	20,000	SK3002	1
3 x 1/4 Shank, Spin-On	20,000	SK3006	1

Use on Belt Sanders, Portable File Sanders, Bench and Back Stand Sanders.



Sanding & Finishing

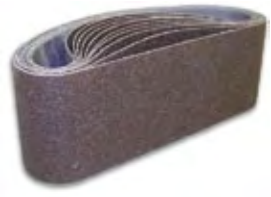
Industrial & Portable Sanding Belts

Made in USA

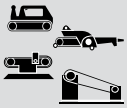
- X-Weight cotton cloth back belts with Mylar tape butt joint seam resists stretching and assures smooth bump free sanding.
- Premium aluminum oxide grain and full resin bonding keep the belt flexible and heated.

METAL

ALUMINUM OXIDE: A24-A320 Grit - These fast cutting belts deliver consistent performance on both wood and metal sanding operations. Closed coat aluminum oxide grain provides long life for a variety of applications.



SANDING & FINISHING



Use on Belt Sanders, Portable File Sanders, Bench and Back Stand Sanders.

METAL, WOOD

HIGH PERFORMANCE

DIMENSIONS Width x Length	A24	A36	A40	A50	A60	A80	A100	A120	A150	A180	A220	A240	A320	BOX QTY.
1/4 x 24		48002		48004	48005	48006		48008						10
3/8 x 13		48017		48019	48020	48021	48022	48023						10
1/2 x 12		48032		48034	48035	48036	48037	48038						10
1/2 x 18		48047		48049	48050	48051	48052	48053						10
1/2 x 24		48062	48063	48064	48065	48066	48067	48068						10
3/4 x 18		48077		48079	48080	48081	48082	48083						10
3/4 x 20-1/2		48092	48093	48094	48095	48096	48097	48098						10
1 x 30		48137	48138	48139	48140	48141	48142	48143						10
1 x 42	R0450C	R0451C	R0452C	R0453C	R0454C	R0455C	R0456C	R0457C	R0458C	48160	48161	48162	48163	10
1-1/2 x 60		48167	48168	48169	48170	48171	48172	48173		48175				10
2 x 48		48182	48183	48184	48185	48186	48187	48188		48190				10
2 x 60		48197	48198	48199	48200	48201	48202	48203		48205				10
2 x 72		48212	48213	48214	48215	48216	48217	48218		48220				10
2 x 132		48227	48228	48229	48230	48231	48232	48233		48235				10
2-1/2 x 60		48257		48259	48260	48261	48262	48263						10
3 x 18	48301	48302	48303	48304	48305	48306	48307	48308	48309	48310	48311	48312	48313	10
3 x 21	R1000C	R1001C	R1002C	R1003C	R1004C	R1005C	R1006C	R1007C	R1008C	48325	48326	48327	48328	10
3 x 24	R1030C	R1031C	R1032C	R1033C	R1034C	R1035C	R1036C	R1037C	R1038C	48340	48341	48342	48343	10
3 x 132		48347		48349	48350	48351	48352	48353						10
3-1/2 x 15-1/2		48377		48379	48380	48381	48382	48383						10
4 x 24	R1230C	R1231C	R1232C	R1233C	R1234C	R1235C	R1236C	R1237C	R1238C	48400	48401	48402	48403	10
4 x 36	R1240C	R1241C	R1242C	R1243C	R1244C	R1245C	R1246C	R1247C	R1248C	48415	48416	48417	48418	10
4 x 54		48422		48424	48425	48426	48427	48428						10
4 x 132		48497		48499	48500	48501	48502	48503						10
6 x 48	R1460C	R1461C	R1462C	R1463C	R1464C	R1465C	R1466C	R1467C	R1468C					10

Above sizes and grits are available in zirconia and ceramic grain, call for details.

Mounted Flap Wheels

Use on Die Grinders

Cleaning & Finishing

- Coated aluminum oxide abrasive flaps deliver consistent cutting action, maximum performance and long life.
- Flexible rectangular cloth conforms to flat and contoured surfaces. A versatile tool for cleaning, deburring, finishing and polishing.



METAL, STAINLESS

ALUMINUM OXIDE: A40-A240 Grit- The unique product design of Flexovit's mounted flap wheels ensures a perfect mandrel balance reducing operator fatigue and delivering a smooth, vibration-free performance. Ideal on ferrous and nonferrous materials including mild and stainless steel, aluminum, iron, brass, fiberglass, wood, rubber and glass.

CLEANING & FINISHING

Use on Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE

DIMENSIONS Dia. x Thk. x Shank	MAX RPM	A40	A60	A80	A120	A180	A240	BOX QTY.
1 x 1/2 x 1/4 Shank	25,000	PA200	PA202	PA203	PA205	PA207	PA208	10
1 x 1/2 x 1/4-20 Threaded Shank	25,000		PA202T	PA203T	PA205T			10
1 x 1 x 1/4 Shank	25,000	PA500	PA502	PA503	PA505	PA507	PA508	10
1 x 1 x 1/4-20 Threaded Shank	25,000		PA502T	PA503T	PA505T			10
1-1/2 x 1/2 x 1/4 Shank	25,000	PB200	PB202	PB203	PB205	PB207	PB208	10
1-1/2 x 1/2 x 1/4-20 Threaded Shank	25,000		PB202T	PB203T	PB205T			10
1-1/2 x 1 x 1/4 Shank	25,000	PB500	PB502	PB503	PB505	PB507	PB508	10
1-1/2 x 1 x 1/4-20 Threaded Shank	25,000		PB502T	PB503T	PB505T			10
2 x 1/2 x 1/4 Shank	25,000	PC200	PC202	PC203	PC205	PC207	PC208	10
2 x 1/2 x 1/4-20 Threaded Shank	25,000		PC202T	PC203T	PC205T			10
2 x 3/4 x 1/4 Shank	25,000		PC402	PC403	PC405	PC407	PC408	10
2 x 1 x 1/4 Shank	25,000	PC500	PC502	PC503	PC505	PC507	PC508	10
2 x 1 x 1/4-20 Threaded Shank	25,000		PC502T	PC503T	PC505T			10
2-1/2 x 1/2 x 1/4 Shank	20,000	PD200	PD202	PD203	PD205	PD207	PD208	10
2-1/2 x 1 x 1/4 Shank	20,000	PD500	PD502	PD503	PD505	PD507	PD508	10
2-1/2 x 1 x 1/4-20 Threaded Shank	20,000		PD502T	PD503T	PD505T			10
3 x 1/2 x 1/4 Shank	20,000	PE200	PE202	PE203	PE205	PE207	PE208	10
3 x 1/2 x 1/4-20 Threaded Shank	20,000		PE202T	PE203T	PE205T			10
3 x 3/4 x 1/4 Shank	20,000		PE402	PE403	PE405	PE407	PE408	10
3 x 1 x 1/4 Shank	20,000	PE500	PE502	PE503	PE505	PE507	PE508	10
3 x 1 x 1/4-20 Threaded Shank	20,000		PE502T	PE503T	PE505T			10
3 x 2 x 1/4 Shank	13,000	PE700	PE702	PE703	PE705	PE707	PE707	6

DIMENSIONS	THREADED ADAPTOR FOR MOUNTED FLAP WHEELS	BOX QTY.
1/4-20 Threaded Adaptor	PAG01	1



Unmounted Flap Wheels

- Large, uniform flaps deliver a satin finish on contoured surfaces.
- Engineered for perfect balance and smooth running.



METAL, STAINLESS

ALUMINUM OXIDE: A40-A120 Grit- Ideal for cleaning, finishing, polishing, deburring and blending. For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

CLEANING & FINISHING — Use Bench Grinders

METAL, STAINLESS — HIGH PERFORMANCE

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	A40	A60	A80	A120	BOX QTY.
4 x 1 x 5/8	8,500		PG512	PG513	PG515	1
4 x 2 x 5/8	8,500		PG712	PG713	PG715	1
6 x 1 x 1	6,000	PJ520	PJ522	PJ523	PJ525	1
6 x 2 x 1	6,000	PJ720	PJ722	PJ723	PJ725	1
8 x 1 x 1	4,500		PM522	PM523	PM525	1
8 x 2 x 1	4,500		PM722	PM723	PM725	1

DIMENSIONS Outside Dia. x Inside Dia.	REDUCER BUSHING FOR UNMOUNTED FLAP WHEELS	BOX QTY.
1 x 5/8	PAG02	1 Pair
1 x 1/2	PAG03	1 Pair
1 x 3/4	PAG04	1 Pair



Sandpaper Sheets

- Full range of grits available.
- Convenient 9”x11” sheets can be cut down to fit a sanding block.

METAL, STAINLESS, WOOD

ALUMINUM OXIDE:

Grits A40-A80 - ‘D’ weight paper/open coat.

Grits A100-A150 - ‘C’ weight paper/open coat.

Grits A180-A220 - ‘A’ weight paper/open coat.

SILICON CARBIDE:

Grits C220-C320 - ‘A’ weight paper/closed coat. Silicon carbide sheets are waterproof and provide a smooth finish on stone and masonry applications.



SANDING & FINISHING

METAL, STAINLESS, WOOD — HIGH PERFORMANCE

DIMENSIONS Width x Length	ALUMINUM OXIDE A40	A50	A60	A80	A100	A120	A150	A180	A220	SILICON CARBIDE C220	C320	BOX QTY.
9 x 11	R2021	R2022	R2023									25
				R2024	R2025	R2026						50
							R2027	R2028	R2029	R2029C	R2030C	100

Shop Rolls

- Premium closed coat aluminum oxide grain, resin bonded to flexible cloth.
- 50-yard rolls packaged in convenient, see-through boxes for easy dispensing.



METAL

ALUMINUM OXIDE: A40-A120 Grit- Flexovit shop rolls are intended for general purpose deburring, cleaning, polishing and fine finishing of metal surfaces. They are usable dry, or with water and water-based coolants.

CLEANING & FINISHING — **METAL** — HIGH PERFORMANCE — **ALUMINUM OXIDE**

DIMENSIONS Width x Length	A40	A50	A60	A80	A100	A120	A150	A180	A220	A240	A320	BOX QTY.
1 x 50 Yards	R5590	R5595	R5600	R5605	R5610	R5615	R5620	R5625	R5630	R5635	R5645	1
1-1/2 x 50 Yards	R5690	R5695	R5700	R5705	R5710	R5715	R5720	R5725	R5730	R5735	R5745	1
2 x 50 Yards	R5790	R5795	R5800	R5805	R5810	R5815	R5820	R5825	R5830	R5835	R5845	1

Plumber Rolls & Waterproof Mesh Screens

- Plumber rolls are excellent for deburring and cleaning pipe.
- Waterproof mesh rolls are made of silicon carbide grain on an open mesh that reduces glazing and loading.



METAL

ALUMINUM OXIDE: A120 Grit - J- Weight plumber Rolls are designed to be used dry only.

CLEANING & FINISHING — **METAL** — HIGH PERFORMANCE

DIMENSIONS Width x Length	ALUMINUM OXIDE A120	BOX QTY.
1-1/2 x 10 Yards	R5860	1
1-1/2 x 25 Yards	R5865	1



METAL

SILICON CARBIDE: C80-180 Grit - Maybe used wet or dry in a variety of application on varnished , plastic, ceramic or fiberglass surfaces.

CLEANING & FINISHING — **METAL** — HIGH PERFORMANCE

DIMENSIONS Width x Length	SILICON CARBIDE C80	C120	C180	BOX QTY.
1-1/2 x 10 Yards	R5868	R5869	R5870	1
1-1/2 x 25 Yards	R5873	R5874	R5875	1

Straight Cartridge Rolls

Made in USA

- Ideal for flash removal and eliminating other imperfections.
- Tightly wound construction and multi-layered design delivers fast stock removal and long life. New abrasive points are constantly being exposed to the workpiece.



METAL, STAINLESS

ALUMINUM OXIDE: A60-A120 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS Dia. x Length x Arbor	MAX RPM	ALUMINUM OXIDE A60	A80	A120	RECOMMENDED MANDREL*	BOX QTY.
1/4 x 1 x 1/8	23,000	45411	45412	45414	46167	100
3/8 x 1 x 1/8	23,000	45456	45457	45459	46167	100
3/8 x 1-1/2 x 1/8	23,000	45465	45466	45468	46171	100
1/2 x 1 x 1/8	23,000	45483	45484	45486	46167	100
1/2 x 1-1/2 x 1/8	23,000	45492	45493	45495	46171	100
3/4 x 1 x 3/16	18,000	45546	45547	45549	46185	100

* Mandrels sold separately.

Full Taper Cartridge Rolls

Made in USA

- Tapered for use inside holes, funnel-shaped recesses and other hard-to-reach areas.
- Extremely effective for blending, polishing and deburring.



METAL, STAINLESS

ALUMINUM OXIDE: A60-A120 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS Dia. x Length x Arbor	MAX RPM	ALUMINUM OXIDE A60	A80	A120	RECOMMENDED MANDREL*	BOX QTY.
3/8 x 1 x 1/8	23,000	45672	45673	45675	46167	100
1/2 x 1 x 1/8	23,000	45690	45691	45963	46167	100
1/2 x 1-1/2 x 1/8	23,000	45699	45700	45702	46171	100

* Mandrels sold separately.

Cartridge Roll Mandrels

- Assorted shank diameters to fit the chuck or collet of your power tool.
- Precisely machined, high grade plated steel shank.

DIMENSIONS Pilot Dia. x Pilot Length x Shank Dia. x Shank Length	CARTRIDGE ROLL MANDRELS	BOX QTY.
1/8 x 3/4 x 1/4 x 1-1/4	46167	1
1/8 x 1 x 1/4 x 1-1/4	46171	1
1/8 x 1-1/2 x 1/4 x 1-1/4	46175	1
3/16 x 3/4 x 1/4 x 1-1/4	46185	1
3/16 x 1 x 1/4 x 1-1/4	46189	1
1/4 x 1 x 1/4 x 1-1/4	46196	1
1/4 x 1-1/2 x 1/4 x 1-1/4	46200	1



Cross Pads

Made in USA

Use on Die Grinders

Grinding, Deburring & Finishing

- Cushioned pad delivers quick, chatter-free operation and greater control.
- Extremely flexible. Ideal for polishing and finishing especially on dies and tubing.



METAL, STAINLESS

ALUMINUM OXIDE: A80-A120 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS LengthxWidthxAbrasive Width	MAX RPM	EYELET /8 PLY	ALUMINUM OXIDE A80	ALUMINUM OXIDE A120	RECOMMENDED MANDREL*	BOX QTY.
1 x 1 x 3/8	25,000	#3-48	45834	45837	46211	100
1-1/2 x 1-1/2 x 1/2	23,000	#8-32	45844	45846	46215	100
2 x 2 x 1/2	23,000	#8-32	45853	45855	46215	100
3 x 3 x 1	14,000	1/4-20	45871	45873	46220	100

* Mandrels sold separately.

Square Pads

Made in USA

- Constructed on high quality abrasives cloth.
- Aggressive on the edge, delivering fast grinding, polishing and blending action especially on channels and corners.



METAL, STAINLESS

ALUMINUM OXIDE: A80-A120 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS LengthxWidthxThickness	MAX RPM	EYELET /8 PLY	ALUMINUM OXIDE A80	ALUMINUM OXIDE A120	RECOMMENDED MANDREL*	BOX QTY.
1-1/2 x 1-1/2 x 1/4	23,000	#8-32	45934	45936	46211	100
1-1/2 x 1-1/2 x 1/2	23,000	1/4-20	45943	45945	46220	100
2 x 2 x 1/2	23,000	1/4-20	45961	45963	46220	100
3 x 3 x 1/4	14,000	1/4-20	45979	45981	46220	100
3 x 3 x 1/2	14,000	1/4-20	45988	45990	46220	100

* Mandrels sold separately.

Threaded Mandrels

- Quickly mount cross pads and square pads in one easy step.
- Available with a 1/4" shank and three thread sizes 3-48, 8-32 and 1/4-20.

DIMENSIONS Eyelet Thread x Shank Dia.	THREADED MANDRELS	BOX QTY.
3-48 x 1/4	46211	1
8-32 x 1/4	46215	1
1/4-20 x 1/4	46220	1



Flap Bands

- Exceptional for aggressive stock removal in hard-to-reach places. Perfect for grinding and finishing the inner diameter of pipe or tubing.
- Zirconia flap bands are a long lasting high performance alternative to flap wheels and spiral bands.



METAL, STAINLESS

ZIRCONIA ALUMINA: ZA40-ZA80 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	ZIRCONIA ALUMIA ZA40	ZA60	ZA80	RECOMMENDED DRUM*	BOX QTY.
1-1/4 x 3/4	26,000	46431	46432	46433	46362	10
1-3/4 x 1-3/16	19,100	46441	46442	46443	46364	10
2-1/2 x 1-3/16	12,700	46446	46447	46448	46365	10

* Drums sold separately.

DIMENSIONS Dia. x Width x Shank	MAX RPM	RUBBER EXPANDING DRUM FOR USE WITH FLAP BANDS	BOX QTY.
7/8 x 3/4 x 1/4	26,000	46362	1
1-3/16 x 1-3/16 x 1/4	19,100	46364	1
1-3/4 x 1-3/16 x 1/4	12,700	46365	1



Spiral Band Sleeves

Made in USA

- Designed for finishing applications, especially on curves and contours. Easily removes flash and parting lines.
- Quality aluminum oxide grain, resin bonded to an extra sturdy backing.



METAL, STAINLESS

ALUMINUM OXIDE: A80-A120 Grit- For use on steel, cast iron, stainless steel and nonferrous materials such as aluminum, copper, wood, plastic and fiberglass.

GRINDING, DEBURRING & FINISHING — **METAL, STAINLESS**

Use on Straight & Die Grinders

HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	ALUMINUM OXIDE A36	A60	A80	A120	RECOMMENDED DRUM*	BOX QTY.
1/2 x 1/2	30,000		46032	46033	46035	46266	100
1/2 x 1	15,000		46041	46042	46044	46268	100
3/4 x 1	19,000		46059	46060	46062	46280	100
3/4 x 1-1/2	10,000		46068	46069	46071	46281	100
1 x 1	18,000	46075	46077	46078	46080	46286	100
1-1/2 x 1-1/2	10,000	46093	46095	46096	46098	46299	100
2 x 2	6,000	46102	46104	46105	46107	46312	100
3 x 3	3,000	46111	46113	46114	46116	46331	100

* Drums sold separately.

DIMENSIONS Dia. x Width x Shank	MAX RPM	RUBBER EXPANDING DRUM FOR USE WITH SPIRAL BANDS SLEEVES	BOX QTY.
1/2 x 1/2 x 1/4	30,000	46266	1
1/2 x 1 x 1/4	15,000	46268	1
3/4 x 1 x 1/4	19,000	46280	1
3/4 x 1-1/2 x 1/4	10,000	46281	1
1 x 1 x 1/4	18,000	46286	1
1-1/2 x 1-1/2 x 1/4	10,000	46299	1
2 x 2 x 1/4	6,000	46312	1
3 x 3 x 3/8	3,000	46331	1



Floor Sanding Sheets, Rolls & Belts

Made in USA

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

FLOORS

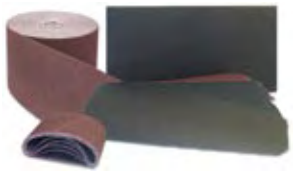
SILICON CARBIDE:

Grits 16-24 (Open Coat) - Combination cloth and paper backing. Designed to remove old coatings and finishes.

Grits C20-C50 - Fast Cutting action. Ideal for leveling uneven floors.

Grits C60 - Use for first sanding on new floors and second sanding on old floors.

Grits C80-C120 - Use on final sanding of wooden floors.



SANDING & FINISHING

Use on Floor Sanding Machines

FLOORS

SPECIALIST®

DIMENSIONS Width x Length	16 Comb.	20 Comb.	24 Comb.	C20	C24	C36	C40	C60	C80	C100	BOX QTY.
Florboss: 4-1/2 x 16-3/8	X1200										25
		X1201				X1203		X1206	X1207	X1208	50
Clarke DU-8: 8 x 19-1/2	X1220										25
		X1221	X1222			X1223	X1224	X1226	X1227	X1228	50
Silverline: 8 x 20-1/8	X1250										25
		X1251	X1252			X1253	X1254	X1256	X1257	X1258	50
Clarke EZ-8 Sleeve: 8 x 19					X2101		X2103	X2106	X2107	X2108	10
Square-Buff: 12 x 18				X1272Q		X1274Q		X1276Q	X1278Q	X1280Q	20
Rolls: 8 x 50 Yards	X1300	X1301	X1302			X1303	X1304	X1306	X1307	X1308	1

Dust Collection Bags

Made in USA

- Heavy duty cotton.
- Fits most floor finishing equipment.

FLOORS

DRUM SANDER - Standard size bag with side intake. Fits most drum sanders.

FLORBOSS - Large size bag with top opening. Fits Florboss sanding machines.

FLOOR EDGER - Standard size bag with side intake. Fits 5" and 7" edger machines.



DUST COLLECTION

Use on Floor Sanding Machines & Floor Edgers

DUST COLLECTION BAGS

DRUM SANDER	FLORBOSS	FLOOR EDGER	BOX QTY.
X1780	X1785	X1790	1

Floor Edger Discs

Made in USA

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

FLOORS

SILICON CARBIDE:

Grits 16-20 - Combination cloth and paper backing. Designed to remove wax, paint and mastic.

Grits C24-C100 - Medium to fine finishing.



SANDING & FINISHING

Use on Floor Edgers

FLOORS

SPECIALIST®

DIMENSIONS Dia. x Arbor	16 Comb.	20 Comb.	C24	C36	C60	C80	C100	BOX QTY.
7 x 7/8	X1530							25
		X1531	X1532	X1533	X1536	X1537	X1538	50

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 — **FLOORS**

Use on Floor Maintenance Machines

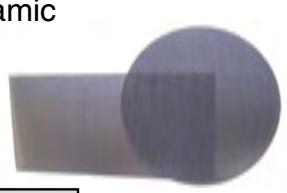
SPECIALIST®

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 — **FLOORS**

Use on Floor Maintenance Machines

SPECIALIST®

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 — **FLOORS**

Use on Floor Maintenance Machines

SPECIALIST®

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 in USA

- 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 — Type 1 — HIGH PERFORMANCE

DIMENSIONS Dia. x Thk x Arbor	MAX RPM	EXTRA COARSE Black	BOX QTY.
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 — Type 27 — HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	RECOMMENDED RPM	EXTRA COARSE Black	BOX QTY.
4-1/2 x 7/8	11,000	8,600	HS450	5

Surface Conditioning Discs - Angle Grinders

Made in USA

- 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 — 7/8 Arbor Hook & Loop — HIGH PERFORMANCE

DIMENSIONS Dia. x Arbor	MAX RPM	GENERAL PURPOSE COARSE Brown	HEAVY DUTY COARSE Brown	GENERAL PURPOSE MEDIUM Maroon	HEAVY DUTY MEDIUM Maroon	GENERAL PURPOSE FINE Blue	BOX QTY.
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 x 7/8 Hook & Loop	7,000	H0075A		H0064D		H0430D	20
7 x 7/8	6,000	HSC70C	HDH70C	HSC70M	HDH70M	HSC70V	20
7 x 7/8 Hook & Loop	6,000	H0075B		H0064F		H0430F	20

Surface Conditioning Discs - Vertical Shaft Grinders

Made in USA

- 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 Vertical Shaft Grinders

Rolon
Spin-On
Hook & Loop

METAL, STAINLESS

HIGH PERFORMANCE

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

Use on Vertical Shaft Grinders

Blending & Finishing

Use on Angle Grinders and Vertical Shaft Grinders

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

Use on Angle Grinders

HOOK & LOOP GRIPPER PADS



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



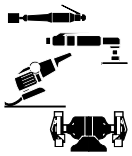
FOR USE WITH NON WOVEN SURFACE CONDITIONING DISCS

Use on Vertical Shaft Grinders

GRIPPER PADS & HOLDERS

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	SK3002	SK3006		1

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



Deburring, Cleaning, Blending, & Polishing

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 the workpiece.

ALO MEDIUM: 6AM - Number 6 density, aluminum oxide grain, medium grade. Most aggressive and less confrorming 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

HIGH PERFORMANCE

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

HIGH PERFORMANCE

Use on Vertical Shaft Grinders

Rolon

DIMENSIONS Dia. Arbor Type	MAX RPM	ALO MEDIUM 2AM	ALO MEDIUM 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

HIGH PERFORMANCE

Use on Angle Grinders

Type 27

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

HIGH PERFORMANCE

Use on Bench Grinders

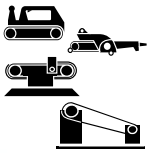
DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	ALO MEDIUM 2AM	SIC FINE 2SF	BOX QTY.
6 x 1 x 1	5,000	24621	24620	5



Surface Conditioning Belts

Made in USA

Use on Belt Sanders, Portable File Sanders, Bench and Back Stand Sanders



Sanding, Finishing, & Light Deburring

- Delivers consistent and controlled abrasion at low surface temperatures and very resistant to clogging.
- Offers highly efficient removal with excellent finish. Can reduce the number of operations needed to obtain the desired finish.

METAL, STAINLESS

COARSE: Brown -	Aggressive action ideal for rugged applications.
MEDIUM: Red -	General purpose good for routine applications.
VERY FINE: Blue -	Produces a fine finish, ideal for polishing.
ULTRA FINE: Gray -	Silicon carbide grain, for ultra fine finishes.



General Purpose Non Woven Belts

Sanding, Finishing & Light Deburring

Use on Belt Sanders, Portable File Sanders, Bench and Back Stand Sanders.

METAL, STAINLESS

HIGH PERFORMANCE

Made in USA

Aluminum Oxide Grain

DIMENSIONS Width x Length	COARSE Brown	MEDIUM Red	VERY FINE Blue	BOX QTY.
1/2 x 18	49045	49046	49048	24
1/2 x 24	49060	49061	49063	20
3/4 x 18	49075	49076	49078	20
3/4 x 20-1/2	49090	49091	49093	20
2-3/4 x 15-1/2	49270*	49271*	49273*	10
3 x 10-11/16	49285*	49286*	49288*	10
3 x 24	49330*	49331*	49333*	8
3-1/2 x 15-1/2	49375	49376	49378	10
4 x 24	49390*	49391*	49393*	6

* Indicates made to order items. Orders are non-cancellable.



Heavy Duty Non Woven Belts

Sanding, Finishing & Light Deburring

Use on Belt Sanders, Portable File Sanders, Bench and Back Stand Sanders.

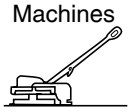
METAL, STAINLESS

HIGH PERFORMANCE

DIMENSIONS Width x Length	Aluminum Oxide Grain COARSE Brown	MEDIUM Red	VERY FINE Blue	Silicon Carbide Grain ULTRA FINE Gray	BOX QTY.
1 x 42	49150	49151	49153	49158	12
2 x 48	49180	49181	49183	49188	6
2 x 60	49195*	49196*	49198*	49203	6
2 x 72	49210*	49211*	49213*	49218	6
2 x 132	49225*	49226*	49228*	49233	6
3 x 132	49345*	49346	49348*	49353	4
4 x 132	49495*	49496*	49498*	49503	3
6 x 48	49525	49526	49528	49533	4

* Indicates made to order items. Orders are non-cancellable.

Use on Floor Maintenance Machines



Stripping, Scrubbing, Buffing, & Polishing



Stripping, Scrubbing, Buffing, & Polishing

Nylon Floor Pads

Made in USA

- Non woven pads for stripping, scrubbing, buffing and polishing.
- Available in all popular sizes.

FLOORS



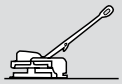
STRIPPING: Black - These abrasive impregnated pads are excellent for removing wax, dirt and build up.

SCRUBBING: Green - Designed for routine scrubbing and cleaning applications.

BUFFING: Tan - Use for light buffing and to return a luster.

POLISHING: White - Non-abrasive pad is ideal for high polishing needs.

STRIPPING, SCRUBBING, BUFFING & POLISHING



Use on Floor Maintenance Machines

FLOORS

SPECIALIST®

DIMENSIONS Dia. x Thickness	STRIPPING Black	SCRUBBING Green	BUFFING Tan	POLISHING White	BOX QTY.
12 x Thin	X1820	X1821	X1822	X1823	10
12 x Thick	X1825	X1826	X1827	X1828	5
13 x Thin	X1830	X1831	X1832	X1833	10
13 x Thick	X1835	X1836	X1837	X1838	5
15 x Thin	X1850	X1851	X1852	X1853	10
15 x Thick	X1855	X1856	X1857	X1858	5
16 x Thin	X1860	X1861	X1862	X1863	10
16 x Thick	X1865	X1866	X1867	X1868	5
17 x Thin	X1870	X1871	X1872	X1873	10
17 x Thick	X1875	X1876	X1877	X1878	5
19 x Thin	X1890	X1891	X1892	X1893	10
19 x Thick	X1895	X1896	X1897	X1898	5
20 x Thin	X1900	X1901	X1902	X1903	10
20 x Thick	X1905	X1906	X1907	X1908	5
12 x 18 Thin	X1921	X1922	X1923	X1924	10
12 x 18 Thick	X1926	X1927	X1928	X1929	5

Hand Pads

Made in USA

- Excellent alternative to sandpaper, wire wheel brushes, files and steel wool. Washable and reusable.
- Available in a variety of grades. Ideal for deburring, polishing, cleaning and surface preparation.

METAL, STAINLESS, PLASTIC

EXTRA CUT: Tan - Made with silicon carbide abrasive grain, this industrial grade pad delivers aggressive action on the toughest applications.

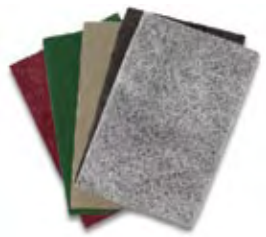
VERY FINE/HEAVY DUTY: Maroon - More durable than 'VERY FINE/G.P.', this pad is for use on rugged applications.

GENERAL PURPOSE: Green - Made with aluminum silicate abrasives, this pad is for use on general cleaning, scouring and scrubbing applications.

VERY FINE/G.P.: Maroon - An all-purpose pad for routine hand applications. Constructed of aluminum oxide grain and durable non woven.

ULTRA FINE: Gray - Aluminum oxide abrasive. Use for fine finishing and polishing.

NON-ABRASIVE: White - Ideal for cleaning and polishing.



CLEANING & FINISHING

METAL, STAINLESS, PLASTIC

HIGH PERFORMANCE

DIMENSIONS Width x Length	EXTRA CUT Tan	VERY FINE / HEAVY DUTY Maroon	G.P. Green	VERY FINE /G.P. Maroon	ULTRA FINE Gray	NON-ABRASIVE White	BOX QTY.
6 x 9		H0402K	H0825C	H0422K	H0402J	H0402F	20
	H0405A						10

REUSABLE HAND PAD HOLDER - Part Number H0401D

This convenient hook and loop holder is designed for use with 6" x 9" hand pads.

CARBIDE BURS















Use on Die Grinders

Grinding ONLY

Carbide Burs

Made in USA

Flexovit carbide burs feature precision ground flutes. These flutes are manufactured on five axis CNC fluting machines resulting in precise control of tool geometry. This eliminates chatter and premature wear.

HIGH PERFORMANCE™

• High Productivity • Versatility • Durability

Carbide Burs are rotary tools used for the removal of materials such as metal, plastic, ceramic and composites. Carbide Burs can be used for deburring, finishing, blending and shaping of these materials. A Carbide Bur is a cutting tool that is designed to rapidly remove material and is typically used in applications in which an abrasive product would not remove material as quickly. Carbide Burs rotate at high speeds that afford the operator the ability to manipulate and shape the material of the work piece. Some examples of where Burs are effectively used include weld finishing, cleaning castings, blending on aerospace components, and head porting on engines. Burs are available in many different head shapes and diameters that provide the operator a variety of options that ensure efficient use.

METAL, STAINLESS

Double Cut - With their chisel tooth cutting pattern, double cut carbide burs produce small distinct granular chips instead of long sharp slivers. This eliminates the loading of the bur's flutes and minimizes chatter. Double Cut Carbide Burs are the most popular, smooth cutting style burs and ideal for use on steel, stainless steel, alloys and exotics.



TOP 20 CARBIDE BUR DISPLAY CASE - Part Number VZDC40

Flexovit offers this attractive bur case, perfect for counter top display, equipped to showcase 20 burs. The case features a plexiglass covered front with a back key locked door containing a compartment for extra bur storage. This case also has the capability to showcase miniature burs.





Top 20 Display Case - Consists of the 20 most commonly used Double Cut Carbide Burs. Purchase 2 each of the TOP 20 burs listed below for a total of 40 burs and receive the case FREE.

Top 20 Burs -
VF15M2, VF20R2, VA15M2, VA20R2, VC15M2, VC20R2, VL15M2, VL20T2, VG18O2, VG20R2, VM18M2, VM20P2, VE20P2, VD20J2, VB20R2, VH20U2, VA20R5, VF20R5, VA12L1, VC12L1

Custom Top 20 - Buy 2 each of your TOP 20 burs for a total of 40 burs and receive the case FREE.

TOP 10 KIT - Part Number VZKIT10

This top 10 kit contains the most essential carbide burs for general application. The 10 piece bur kit is easy to handle and portable. Packaging is POP compatible and durable.

Top 10 Kit - Includes:
VF20R2, VD20J2, VC18O2, VM20P2, VA15M2
VF20R5, VC20R2, VG20R2, VL20T2, VA20R2





* Bonus* Top 10 pre-packaged kits are offered at a discounted list price.

Custom Top 10 Kit – Order any 10 burs at regular list price and receive the kit FREE.

Carbide Burs

Made in USA

Use on Die Grinders

Grinding ONLY

- Precision ground tungsten carbide tips, silver brazed to a hardened steel shank.
- Excellent in hard-to-reach areas or confined spaces. Ideal for shaping and enlarging holes, removing welds and smoothing castings.

DOUBLE CUT CARBIDE BURS

GRINDING ONLY

Use on Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE™

DIMENSIONS Dia.xLengthxShank	MAX RPM	Shape	U.S.C.T.I. NUMBER	PART NUMBER	BOX QTY.
3/16 x 5/8 x 1/4 Shank	25,000		SA-14	VA14M2	1
1/4 x 5/8 x 1/4 Shank	22,000	Cylinder	SA-1	VA15M2	1
5/16 x 3/4 x 1/4 Shank	20,000		SA-2	VA16O2	1
3/8 x 3/4 x 1/4 Shank	18,000		SA-3	VA18O2	1
1/2 x 1 x 1/4 Shank	16,000		SA-5	VA20R2	1
5/8 x 1 x 3/8 Shank	15,000		SA-6	VA22R3	1
3/4 x 1 x 3/8 Shank	14,000		SA-7	VA24R3	1
1/4 x 5/8 x 1/4 Shank	22,000	Cylinder with End Cut	SB-1	VB15M2	1
5/16 x 3/4 x 1/4 Shank	20,000		SB-2	VB16O2	1
3/8 x 3/4 x 1/4 Shank	18,000		SB-3	VB18O2	1
1/2 x 1 x 1/4 Shank	16,000		SB-5	VB20R2	1
3/4 x 1 x 3/8 Shank	14,000		SB-7	VB24R3	1
1/4 x 5/8 x 1/4 Shank	22,000	Ball Nose Cylinder	SC-1	VC15M2	1
3/8 x 3/4 x 1/4 Shank	18,000		SC-3	VC18O2	1
1/2 x 1 x 1/4 Shank	16,000		SC-5	VC20R2	1
5/8 x 1 x 3/8 Shank	15,000		SC-6	VC22R3	1
3/4 x 1 x 3/8 Shank	14,000		SC-7	VC24R3	1
1/4 x 3/16 x 1/4 Shank	22,000	Ball	SD-1	VD15D2	1
5/16 x 1/4 x 1/4 Shank	20,000		SD-2	VD16G2	1
3/8 x 5/16 x 1/4 Shank	18,000		SD-3	VD18G2	1
1/2 x 7/16 x 1/4 Shank	16,000		SD-5	VD20J2	1
5/8 x 9/16 x 3/8 Shank	15,000		SD-6	VD22M3	1
3/4 x 11/16 x 3/8 Shank	14,000		SD-7	VD24O3	1
1/4 x 3/8 x 1/4 Shank	22,000	Oval	SE-1	VE15I2	1
3/8 x 5/8 x 1/4 Shank	18,000		SE-3	VE18M2	1
1/2 x 7/8 x 1/4 Shank	16,000		SE-5	VE20P2	1
5/8 x 1 x 3/8 Shank	15,000		SE-6	VE22R3	1
3/4 x 1 x 3/8 Shank	14,000		SE-7	VE24R3	1
1/4 x 5/8 x 1/4 Shank	22,000	Round Nose Tree	SF-1	VF15M2	1
3/8 x 3/4 x 1/4 Shank	18,000		SF-3	VF18O2	1
1/2 x 1 x 1/4 Shank	16,000		SF-5	VF20R2	1
5/8 x 1 x 3/8 Shank	15,000		SF-6	VF22R3	1
3/4 x 1 x 3/8 Shank	14,000		SF-7	VF24R3	1
1/4 x 5/8 x 1/4 Shank	22,000	Pointed Tree	SG-1	VG15M2	1
3/8 x 3/4 x 1/4 Shank	18,000		SG-3	VG18O2	1
1/2 x 1 x 1/4 Shank	16,000		SG-5	VG20R2	1
5/8 x 1 x 3/8 Shank	15,000		SG-6	VG22R3	1
3/4 x 1 x 3/8 Shank	14,000		SG-7	VG24R3	1
1/4 x 5/8 x 1/4 Shank	22,000	Flame	SH-1	VH15D2	1
5/16 x 3/4 x 1/4 Shank	20,000		SH-2	VH16G2	1
1/2 x 1-1/4 x 1/4 Shank	16,000		SH-5	VH20U2	1
5/8 x 1-7/16 x 3/8 Shank	15,000		SH-6	VH22V3	1
3/4 x 1-5/8 x 3/8 Shank	14,000		SH-7	VH24 x 3	1
1/4 x 5/8 x 1/4 Shank	22,000	Ball Nose Cone	SL-1	VL15M2	1
5/16 x 7/8 x 1/4 Shank	20,000		SL-2	VL16P2	1
3/8 x 1-1/16 x 1/4 Shank	18,000		SL-3	VL18S2	1
1/2 x 1-1/8 x 1/4 Shank	16,000		SL-4	VL20T2	1
5/8 x 1-5/16 x 3/8 Shank	15,000		SL-6	VL22S3	1
3/4 x 1-1/2 x 3/8 Shank	14,000		SL-7	VL24W3	1
1/4 x 1/2 x 1/4 Shank	22,000	Pointed cone	SM-1	VM15K2	1
1/4 x 3/4 x 1/4 Shank	22,000		SM-2	VM15O2	1
1/4 x 1 x 1/4 Shank	22,000		SM-3	VM15R2	1
3/8 x 5/8 x 1/4 Shank	18,000		SM-4	VM18M2	1
1/2 x 7/8 x 1/4 Shank	16,000		SM-5	VM20P2	1

Other types and styles are available, call for details.

Use on Die Grinders

Grinding ONLY

Carbide Burs

Made in USA

Flexovit carbide burs feature precision ground flutes. These flutes are manufactured on five axis CNC fluting machines resulting in precise control of tool geometry. This eliminates chatter and premature wear.

HIGH PERFORMANCE™

• High Productivity • Versatility • Durability

METAL, STAINLESS

Double Cut with 6" Long Shank - The chisel tooth cutting pattern offers the same quality of cut as our standard double cut burs only these burs feature a 6" long shank. The 6" shank bur is perfect for extended reach in confined spaces. High quality USA made steel shanks provide a high degree of performance and safety.



Miniature Burs - Flexovit miniature burs can be used on a wide range of pneumatic, electric and flexible drive tools. Miniature Burs allow for effective freehand stock removal, weld preparation and removal without contamination. Mini burs are also perfect for dressing, fettling, deburring, beveling and chamfering. These right hand spiral burs are ideal on high tensile steels, dies and casts. Miniature burs are long life tools that have been proven to be highly safe while in working use. Flexovit offers a variety of shapes to accommodate any application demand.



SPECIALIST®

• Job Focused • Optimum Performance • For Tougher Materials

SPECIALTY

Flexovit SPECIALIST Carbide Burs are designed specifically for use on aluminum, nonferrous and non-metallic materials.

ALUMINUM

Aluminum Cut - Flexovit aluminum cut burs are manufactured in the USA from high quality carbide. The authentic milling cutter style flutes assure fast chip flow and extremely fast stock removal. These aluminum cut burs are machine ground to exact tolerances. The engineering of these tools offers a smooth quality surface finish.



Carbide Burs

Made in USA

Use on Die Grinders

Grinding ONLY

- Bur heads are made with exclusively American manufactured carburized tungsten with cobalt binders sintered at high temperature.
- Precise cutting and rapid stock removal reduces the amount of time to complete the application providing additional cost savings.

DOUBLE CUT CARBIDE BURS - 6” LONG SHANK

GRINDING ONLY

Use on Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE™

DIMENSIONS Dia.xLengthxShank	MAX RPM	Shape	U.S.C.T.I. NUMBER	PART NUMBER	BOX QTY.
3/8 x 3/4 x 1/4 x 6 Shank	18,000	Cylinder	SA-3-6	VA18O2-6	1
1/2 x 1 x 1/4 x 6 Shank	16,000		SA-5-6	VA20R2-6	1
3/8 x 3/4 x 1/4 x 6 Shank	18,000	Ball Nose Cylinder	SC-3-6	VC18O2-6	1
1/2 x 1 x 1/4 x 6 Shank	16,000		SC-5-6	VC20R2-6	1
3/8 x 5/8 x 1/4 x 6 Shank	18,000	Oval	SE-3-6	VE18M2-6	1
1/2 x 7/8 x 1/4 x 6 Shank	16,000		SE-5-6	VE20P2-6	1
3/8 x 3/4 x 1/4 x 6 Shank	18,000	Round Nose Tree	SF-3-6	VF18O2-6	1
1/2 x 1 x 1/4 x 6 Shank	16,000		SF-5-6	VF20R2-6	1

Other types and styles are available, call for details.

MINIATURE CARBIDE BURS

GRINDING ONLY

Use on Pencil or Die Grinders

METAL, STAINLESS

HIGH PERFORMANCE™

DIMENSIONS Dia.xLengthxShank	MAX RPM	Shape	U.S.C.T.I. NUMBER	PART NUMBER	BOX QTY.
1/8 x 9/16 x 1/8 Shank	60,000	Cylinder 	SA-43	VA12L1	1
1/8 x 9/16 x 1/8 Shank	60,000	Ball Nose Cylinder 	SC-42	VC12L1	1
1/8 x 1/8 x 1/8 Shank	60,000	Ball 	SD-42	VD12C1	1
1/8 x 7/32 x 1/8 Shank	60,000	Oval 	SE-41	VE12E1	1
1/8 x 1/2 x 1/8 Shank	60,000	Round Nose Tree	SF-42	VF12K1	1
1/8 x 1/2 x 1/8 Shank	60,000	Pointed Tree 	SG-44	VG12K1	1
1/8 x 1/2 x 1/8 Shank	60,000	Ball Nose Cone 	SL-42	VL12K1	1
1/8 x 7/16 x 1/8 Shank	60,000	Pointed cone 	SM-42	VM12J1	1

Other types and styles are available, call for details.

ALUMINUM CUT CARBIDE BURS

GRINDING ONLY

Use on Die Grinders

ALUMINUM, NONFERROUS

SPECIALIST®

DIMENSIONS Dia.xLengthxShank	MAX RPM	Shape	U.S.C.T.I. NUMBER	PART NUMBER	BOX QTY.
3/8 x 3/4 x 1/4 Shank	18,000	Cylinder	SA-3AC	VA18O5	1
1/2 x 1 x 1/4 Shank	16,000		SA-5AC	VA20R2	1
3/8 x 3/4 x 1/4 Shank	18,000	Ball Nose Cylinder	SC-3AC	VC18O5	1
1/2 x 1 x 1/4 Shank	16,000		SC-5AC	VC20R5	1
3/8 x 5/16 x 1/4 Shank	18,000	Ball	SD-3AC	VD18I5	1
1/2 x 7/16 x 1/4 Shank	16,000		SD-5AC	VD20K5	1
3/8 x 3/4 x 1/4 Shank	18,000	Round Nose Tree	SF-3AC	VF18O5	1
1/2 x 1 x 1/4 Shank	16,000		SF-5AC	VF20R5	1

Other types and styles are available, call for details.













WIRE BRUSHES

Wire End Brushes

Made in USA

Use on Straight or Die Grinders

For Cleaning & Conditioning

- 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

Use on Straight or Die Grinders

METAL

HIGH PERFORMANCE

DIMENSIONS Dia. x Shank	MAX RPM	WIRE TYPE	CARBON WIRE .014	CARBON WIRE .020	BOX/ CRT. QTY.
3/4 x 1/4 Shank	20,000	Knotted	C1900*		1/48
1 x1/4 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

Made in USA

- 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

Use on Straight or Die Grinders

METAL

HIGH PERFORMANCE — SPECIALIST®

DIMENSIONS Dia. x Face Width x Arbor	MAX RPM	CARBON WIRE .014	CARBON WIRE .020	STAINLESS WIRE .014	STAINLESS WIRE .016	BOX/ 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

DIMENSIONS	WHEEL BRUSH MANDREL ADAPTOR	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

Use on Straight or Die Grinders

METAL

HIGH PERFORMANCE — SPECIALIST®

DIMENSIONS Dia. x Face Width x Shank	MAX RPM	CARBON WIRE .014	CARBON WIRE .020	STAINLESS WIRE .014	STAINLESS WIRE .020	BOX/ 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.

Use on Angle Grinders



Cleaning & Conditioning

Wire Wheel Brushes

Made in USA

- 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.

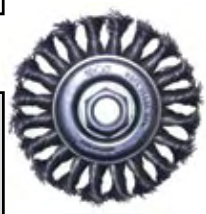
STAINLESS WIRE: .016, .020 - For applications where contamination of the workpiece is a concern. All Flexovit stainless steel wire brushes are manufactured with 302 stainless.



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 Use on Angle Grinders		HIGH PERFORMANCE	SPECIALIST®	
DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .020	STAINLESS WIRE .020	BOX/ CRT. QTY.
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

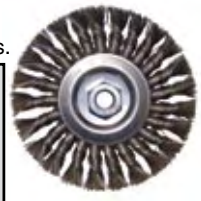
* Product is also available in clear clamshell packaging. Add a "P" to the end of the product code.



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

CLEANING & CONDITIONING — METAL Use on Angle Grinders		HIGH PERFORMANCE		SPECIALIST®	
DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .020	.025	STAINLESS WIRE .020	BOX/ CRT. QTY.
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 Use on Angle Grinders		HIGH PERFORMANCE		SPECIALIST®	
DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .020	.025	STAINLESS WIRE .016	BOX/ CRT. QTY.
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 Use on Angle Grinders		HIGH PERFORMANCE	
DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .014	BOX/ CRT. QTY.
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 Cup Brushes

- Flexible, crimped wire brushes are ideal for applications on flat surfaces.
- Knot wire cups are designed to stand up to the most demanding jobs.

Use on Angle Grinders

Cleaning & Conditioning

METAL

CARBON WIRE: .0118, .014, .020, .035 - For general purpose cleaning and deburring.

STAINLESS WIRE: .014, .020 - For applications where contamination of the workpiece is a concern. All Flexovit stainless steel wire brushes are manufactured with 302 stainless.

Crimped Wire Cups - For light cleaning and paint removal. Ideal on flat surfaces and edge cleaning.



CLEANING & CONDITIONING — **METAL**

Use on Angle Grinders

DIMENSIONS Dia. x Thread	MAX RPM	CARBON WIRE .014	CARBON WIRE .020	STAINLESS WIRE .014	BOX/ CRT. QTY.
2-3/4 x 5/8-11	12,500	C1690*		C1740	1/24
2-3/4 x M14-2.0	12,500	C1700*		C1745	1/24
2-3/4 x M10-1.25	12,500	C1710		C1750	1/24
2-3/4 x M10-1.5	12,500	C1720		C1755	1/24
2-3/4 x 1/2-13	12,500	C1730		C1760	1/24
3-1/2 x 5/8-11	12,500	C1695		C1697	1/24
4 x 5/8-11	9,000		C1800*		1/24
5 x 5/8-11	8,000		C1810*		1/24
6 x 5/8-11	6,600		C1830*		1/24

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



Knotted Wire Cups - Perfect for heavy duty cleaning and rough scale removal. Knock-Off Bridle option restrains the knots, providing flare control and prevents premature wire breakage. As the brush wears down remove the bridle to expose new wire.

CLEANING & CONDITIONING — **METAL**

Use on Angle Grinders

DIMENSIONS Dia. x Thread	MAX RPM	CARBON WIRE .014	CARBON WIRE .020	CARBON WIRE .035	STAINLESS WIRE .020	BOX/ CRT. QTY.
2-3/4 x 5/8-11	12,500	C1575	C1480*		C1580	1/24
2-3/4 x M14-2.0	12,500		C1490*		C1590	1/24
2-3/4 x M10-1.25	12,500		C1500		C1600	1/24
2-3/4 x M10-1.5	12,500		C1510		C1610	1/24
2-3/4 x 1/2-13	12,500		C1520		C1620	1/24
3 x 5/8-11 Knock-Off Bridle (1" Wire Length)	12,000		C1626		C1627	1/24
3 x 5/8-11 Knock-Off Bridle (1 1/2" Wire Length)	11,000		C1628*		C1629*	1/24
3-1/2 x 5/8-11	12,500	C1483	C1485*		C1585	1/24
4 x 5/8-11	7,000		C1630*			1/24
4 x 5/8-11 Knock-Off Bridle	8,500		C1632*			1/24
5 x 5/8-11 Knock-Off Bridle	8,500		C1637*		C1638*	1/24
6 x 5/8-11	6,600		C1640*	C1650	C1660	1/24
6 x 5/8-11, 2 Rows	6,000		C1670	C1680		1/24
6 x 5/8-11 Knock-Off Bridle	6,500		C1642*			1/24

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



Wire Saucer Brushes - Combines the advantages of wire cup brushes and wire wheel brushes. Excellent for surface cleaning in difficult to reach places.

CLEANING & CONDITIONING — **METAL**

Use on Angle Grinders

DIMENSIONS Dia. x Thread	MAX RPM	WIRE TYPE	CARBON WIRE .0118	CARBON WIRE .020	STAINLESS WIRE .020	BOX/ CRT. QTY.
4 x 5/8-11	12,500	Crimped	C2300			1/12
4 x 5/8-11	12,500	Knotted		C2340	C2360	1
5 x 5/8-11	12,500	Knotted		C2350	C2370	1/12

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

DIMENSIONS Brush Thread x Machine Thread	THREADED INSERT ADAPTOR FOR CUP BRUSHES	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



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 — Use on Bench Grinders — **METAL** — HIGH PERFORMANCE

DIMENSIONS Dia. x Face Width x Thread	MAX RPM	CARBON WIRE .014	BOX/ CRT. QTY.
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 - For general purpose cleaning and deburring.
Knotted - For cleaning joints or cracks in asphalt and concrete. Also used for preparing expansion joints for filling and sealing.



CLEANING — HIGH PERFORMANCE — **CONCRETE / ASPHALT** — 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	BOX/ CRT. QTY.
10 x 3/8 x 20mm	6,300	C1422			1/4
10 x 3/8 x 1 (D-1)	6,300	C1424	C1424		1/4
12 x 3/8 x 1 (D-1)	4,500			C1425	1/4

(D-1) indicates single drive pinhole

Hand Scratch Wire Brushes

CLEANING & CONDITIONING — **METAL** — HIGH PERFORMANCE

BRUSH TYPE	DIMENSIONS	WIRE SIZE & MATERIAL	PART NUMBER	BOX QTY.
Acid Swab Brush	3/8 x 3/4 Trim	Horsehair	C1920	144
	1/2 x 7/8 Trim	Horsehair	C1930	144
	9/16 x 7/8 Trim	Horsehair	C1940	144
Scratch Brush	3 x 19 Rows, Curved Handle	.014 Carbon	C1950	12
	3 x 19 Rows, Curved Handle	.013 Stainless	C1970	12
	3 x 19 Rows, Curved Handle w/ Scraper	.014 Carbon	C1980	12
	4 x 19 Rows, Curved Handle	.014 Carbon	C1960	12
	4 x 16 Rows, Curved Handle	.014 Carbon	C1990	12
	4 x 16 Rows, Curved Handle	.013 Stainless	C2000	12
Welder's Toothbrush	3 x 7 Rows, Curved Handle	.006 Stainless	C2010	12
	3 x 7 Rows, Laceback, Curved Handle	.006 Stainless	C2020	12

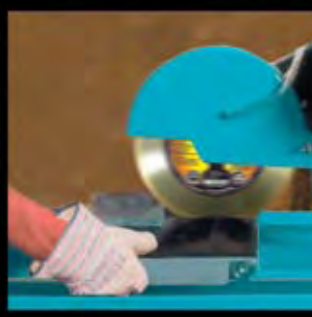
DIAMOND ABRASIVES















Diamond Cup Wheels

- 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 — Use on Angle Grinders — Dry or Wet	CONCRETE, MASONRY			
		HIGH PERFORMANCE	STANDARD™	
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 — Use on Angle Grinders & Circular Saws — Dry or Wet	MORTAR, CONCRETE, MASONRY		
	STANDARD™		
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 — Use on Angle Grinders, Circular Saws, & Tile Saws — Dry or Wet

CONCRETE, MASONRY

HIGH PERFORMANCE

STANDARD™

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 — Use on Tile Saws — Wet

HIGH PERFORMANCE

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.

Use on High Speed Saws

Cutting Only

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.

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 — Use on High Speed Saws — Dry or Wet

CONCRETE, MASONRY

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	PREMIUM SEGMENTED HSCO-PR	HIGH PERFORMANCE TURBO HSTB-HD	HIGH PERFORMANCE SEGMENTED HSCO-HD	STANDARD™ 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 — Use on High Speed Saws — Dry or Wet

ASPHALT, GREEN CONCRETE

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	HIGH PERFORMANCE SEGMENTED HSAS-HD	STANDARD™ 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 — Use on High Speed Saws — Dry or Wet

CONCRETE, DUCTILE IRON PIPE, METAL, REBAR, STEEL, WOOD

PREMIUM

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

Cutting Only

Use on Walk-Behind Concrete Saws

Cutting Only

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

Dry or Wet

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

PREMIUM

HIGH PERFORMANCE

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

Use on Walk-Behind Concrete Saws

Dry or Wet

HIGH PERFORMANCE

DIMENSIONS Dia. x Thk. x Arbor	MAX RPM	CONCRETE, MASONRY SEGMENTED CSCO-HD	ASPHALT, GR. CONCRETE 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

Cutting Only

Use on Core Drilling Machines

Core Drilling

Masonry Saw Blades

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



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.

CUTTING ONLY — **BRICK, BLOCK**

Use on Masonry Saws | Dry or Wet | PREMIUM | HIGH PERFORMANCE

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.

Diamond Core Bits

- Two specifications offer wet and dry/wet cutting on core drilling machines.
- For fast drilling of holes in concrete, asphalt, hard brick and block.

CONCRETE, MASONRY

CBCO-PR: Premium - Features 10mm segment height and 14" core length.

DCBH-HD: High Performance - Barrel vents effectively eliminate debris while drilling. 10" core length.





CORE DRILLING — **CONCRETE, MASONRY**

Use on Core Drilling Machines | Wet Cutting | PREMIUM

DIMENSIONS Dia. x Length x Thread	CBCO-PR	BOX QTY.
2 x 14 x 1-1/4-7	44942	1
2-1/2 x 14 x 1-1/4-7	44958	1
3 x 14 x 1-1/4-7	44974	1
4 x 14 x 1-1/4-7	44990	1
5 x 14 x 1-1/4-7	45006	1
6 x 14 x 1-1/4-7	45022	1
8 x 14 x 1-1/4-7	45038	1

CORE DRILLING — **CONCRETE, MASONRY**

Use on Core Drilling Machines | Dry or Wet Cutting | HIGH PERFORMANCE

DIMENSIONS Dia. x Length x Thread	DCBH-HD	BOX QTY.
2 x 10 x 5/8-11	44852	1
2-1/2 x 10 x 5/8-11	44868	1
3 x 10 x 5/8-11	44884	1
4 x 10 x 5/8-11	44900	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.

Product #	Page
24500....	66
24504....	66
24530....	66
24531....	66
24570....	66
24620....	66
24621....	66
24700....	66
24701....	66
24704....	66
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24724....	66
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24744....	66
24760....	66
28060....	53
28064....	53
28090....	53
28094....	53
28180....	53
28184....	53
28270....	53
28274....	53
28360....	53
28364....	53
28450....	53
28454....	53
28540....	53
28544....	53
28630....	53
28634....	53
32201....	50
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43806....	80
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44137....	81
44142....	81
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44412....	82
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44497....	83
44524....	82
44527....	82
44569....	81
44601....	81
44617....	81
44618....	81
44649....	81
44650....	81
44770....	84
44772....	84
44802....	84
44942....	84
44958....	84
44974....	84
44990....	84
45006....	84
45022....	84
45038....	84
45411....	58
45412....	58
45414....	58
45456....	58
45457....	58
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45465....	58
45466....	58
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45675....	58
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45693....	58
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45846....	59
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46171....	58
46175....	58
46185....	58
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46200....	58
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Product	Page
46312....	60
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48417....	54
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48422....	54
48424....	54
48425....	54
48426....	54
48427....	54
48428....	54
48497....	54
48499....	54
48500....	54
48501....	54
48502....	54
48503....	54
49045....	67
49046....	67
49048....	67
49060....	67
49061....	67
49063....	67
49075....	67
49076....	67
49078....	67
49090....	67
49091....	67
49093....	67
49150....	67
49151....	67
49153....	67
49158....	67
49180....	67
49181....	67
49183....	67
49188....	67
49195....	67
49196....	67
49198....	67
49203....	67
49210....	67
49211....	67
49213....	67
49218....	67
49225....	67
49226....	67
49228....	67
49233....	67
49270....	67
49271....	67
49273....	67
49285....	67
49286....	67
49288....	67
49330....	67
49331....	67
49333....	67
49345....	67
49346....	67
49348....	67
49353....	67
49375....	67
49376....	67
49378....	67
49390....	67
49391....	67
49393....	67
49495....	67
49496....	67
49498....	67
49503....	67
49525....	67
49526....	67
49528....	67
49533....	67

A

A0014....	23
A0017....	21
A0034....	15
A0054....	15
A0134....	23
A0221....	19
A0234....	23
A0255....	23
A0261....	21
A0264....	23
A0265....	19
A0273....	21
A0274....	23
A0276....	23
A0337....	23
A0344....	15
A0390....	15
A0391....	15
A0395....	15
A0396....	15
A0403....	15
A0406....	15
A0414....	15
A0444....	15
A0480....	19
A0481....	19
A0482....	19
A0575....	19
A0575H....	19
A0711....	19
A0711H....	19
A0712....	21
A0712H....	21
A0714....	23
A0714H....	23
A0720....	23
A0720H....	23
A0721....	21
A0721H....	21
A0722....	23
A0722H....	23
A0731....	21
A0731H....	21
A0734....	23
A0735....	21
A0735H....	21
A0736....	23
A0736H....	23
A0761....	21
A0778....	21
A0778H....	21
A0780....	23
A0780H....	23
A0936....	23
A0936H....	23
A1203....	15
A1203H....	15
A1224....	15
A1224H....	15
A1226....	15
A1226H....	15
A1230....	15
A1230H....	15
A1231....	15
A1231H....	15
A1236....	15
A1236H....	15
A1237....	17
A1237H....	17
A1244....	15
A1244H....	15
A1257....	15
A1257H....	15
A1334....	17
A1334H....	17
A1580....	19
A1581....	19
A1582....	19
A1711....	19
A1711H....	19
A1714....	23
A1714H....	23
A1720....	23
A1720H....	23
A1721....	21
A1721H....	21
A1722....	23
A1722H....	23
A1731....	21
A1736....	21
A1736H....	21
A1737....	23
A1737H....	23
A1741....	21
A1765....	19
A1765H....	19
A1778....	21
A1780....	23
A1780H....	23
A2220....	15
A2224....	15
A2224H....	15
A2226....	15
A2226H....	15
A2227....	17
A2227H....	17
A2230....	15
A2230H....	15
A2231....	15
A2236....	15
A2236H....	15
A2239....	15
A2414....	23
A2414H....	23
A2480....	19
A2481....	19
A2482....	19
A2711....	19
A2720....	23
A2720H....	23
A2721....	23
A2721H....	23
A2728....	21
A2728H....	21
A2730....	23
A2730H....	23
A2736....	23
A2736H....	23
A2751....	21
A2751H....	21
A3175....	19
A3175H....	19

Product Page

A3201.... 15
A3201H.... 15
A3230.... 15
A3230H.... 15
A3236.... 15
A3236H.... 15
A3237.... 15
A3237H.... 15
A3244.... 15
A3244H.... 15
A3331.... 15
A3331H.... 15
A3928.... 21
A3928H.... 21
A4086.... 21
A4086H.... 21
A4111.... 19
A4111H.... 19
A4175.... 19
A4175H.... 19
A4177.... 23
A4177H.... 23
A4220.... 23
A4220H.... 23
A4231.... 23
A4231H.... 23
A4240.... 23
A4240H.... 23
A4250.... 23
A4250H.... 23
A4254.... 23
A4254H.... 23
A4328.... 21
A4328H.... 21
A4330.... 23
A4330H.... 23
A4341.... 23
A4341H.... 23
A4412H.... 21
A4414.... 23
A4414H.... 23
A5224.... 15
A5224H.... 15
A5237.... 15
A5237H.... 15
A5254.... 17
A5254H.... 17
A5301.... 15
A5301H.... 15
A5302.... 17
A5302H.... 17
A5330.... 15
A5330H.... 15
A5331.... 15
A5331H.... 15
A5340.... 15
A5340H.... 15
A5345.... 15
A5345H.... 15
A5354.... 15
A5354H.... 15
A5356.... 15
A5356H.... 15
A5360.... 17
A5360H.... 17
A5404.... 17
A5404H.... 17
A5435.... 15
A5435H.... 15
A5444.... 15
A5444H.... 15
A5446.... 15
A5446H.... 15
A5447.... 17
A5447H.... 17
A6930.... 21
A6930H.... 21
A7177.... 23
A7177H.... 23
A7220.... 23
A7220H.... 23
A7231.... 23
A7231H.... 23
A7240.... 23
A7240H.... 23
A7250.... 23
A7250H.... 23
A7254.... 23
A7254H.... 23
A7270.... 23
A7270H.... 23
A7278.... 21
A7278H.... 21
A7280.... 23
A7280H.... 23
A7300.... 23
A7412H.... 21
A7414.... 23
A7414H.... 23
A7434H.... 23
A8224.... 15
A8224H.... 15
A8254.... 17
A8254H.... 17
A8301.... 15
A8301H.... 15
A8302.... 17
A8302H.... 17
A8330.... 15
A8330H.... 15
A8340.... 15
A8340H.... 15
A8345.... 15
A8345H.... 15
A8353.... 15
A8353H.... 15
A8354.... 15
A8354H.... 15
A8360.... 17
A8360H.... 17
A8404.... 17
A8404H.... 17
A8435.... 15
A8435H.... 15
A8444H.... 15
A8446.... 15
A8446H.... 15
A8462.... 17
A8462H.... 17

C

C1000.... 78
C1000P.... 78
C1010.... 78
C1010P.... 78
C1020.... 78
C1030.... 78
C1030P.... 78
C1040.... 78
C1050.... 75
C1050P.... 75
C1060.... 75
C1070.... 75
C1070P.... 75
C1080.... 75
C1090.... 75
C1100.... 76
C1100P.... 76
C1105.... 76
C1110.... 76
C1110P.... 76
C1120.... 76
C1130.... 76
C1130P.... 76
C1140.... 76
C1150.... 76
C1160.... 76
C1170.... 76
C1180.... 76
C1190.... 76
C1200.... 76
C1210.... 76
C1220.... 76
C1230.... 78
C1240.... 78
C1250.... 78
C1255.... 76
C1260.... 78
C1265.... 76
C1270.... 76
C1270P.... 76
C1275.... 76
C1280.... 76
C1280P.... 76
C1290.... 76
C1300.... 76
C1310.... 76
C1320.... 76
C1380.... 76
C1390.... 76
C1400.... 76
C1410.... 76
C1420.... 76
C1422.... 78
C1424.... 78
C1425.... 78
C1430.... 76
C1435.... 76
C1480.... 77
C1480P.... 77
C1483.... 77
C1485.... 77
C1485P.... 77
C1490.... 77
C1490P.... 77
C1500.... 77
C1510.... 77
C1520.... 77
C1575.... 77
C1580.... 77
C1585.... 77
C1590.... 77
C1600.... 77
C1610.... 77
C1620.... 77
C1626.... 77
C1627.... 77
C1628.... 77
C1628P.... 77
C1629.... 77
C1629P.... 77
C1630.... 77
C1630P.... 77
C1632.... 77
C1632P.... 77
C1637.... 77
C1637P.... 77
C1638.... 77
C1638P.... 77
C1640.... 77
C1640P.... 77
C1642.... 77
C1642P.... 77
C1650.... 77
C1660.... 77
C1670.... 77
C1680.... 77
C1690.... 77
C1690P.... 77
C1695.... 77
C1697.... 77
C1700.... 77
C1700P.... 77
C1710.... 77
C1720.... 77
C1730.... 77
C1740.... 77
C1760.... 77
C1780.... 75
C1780P.... 75
C1800.... 77
C1800P.... 77
C1810.... 77
C1810P.... 77
C1830.... 77
C1830P.... 77
C1840.... 76
C1850.... 76
C1860.... 76
C1870.... 76
C1880.... 76
C1890.... 75
C1890P.... 75
C1900.... 75
C1900P.... 75
C1910.... 75
C1910P.... 75
C1920.... 78
C1930.... 78
C1940.... 78
C1950.... 78
C1960.... 78
C1970.... 78
C1980.... 78
C1990.... 78
C2000.... 78
C2010.... 78
C2020.... 78
C2040.... 75
C2050.... 75
C2110.... 75
C2110P.... 75
C2120.... 75
C2140.... 75
C2150.... 75
C2210.... 75
C2220.... 75
C2240.... 75
C2250.... 75
C2300.... 77
C2340.... 77
C2350.... 77
C2360.... 77
C2370.... 77

F

F0105.... 31
F0110.... 31
F0115.... 31
F0120.... 31
F0135.... 31
F0140.... 31
F0159.... 31
F0169.... 31
F0179.... 31
F0210.... 31
F0220.... 31
F0240.... 31
F0279.... 31
F0305.... 31
F0309.... 31
F0310.... 31
F0314.... 31
F0315.... 31
F0319.... 31
F0320.... 31
F0324.... 31
F0335.... 31
F0340.... 31
F0349.... 31
F0359.... 31
F0369.... 31
F0379.... 31
F0405.... 31
F0410.... 31
F0414.... 31
F0415.... 31
F0420.... 31
F0440.... 31
F0459.... 31
F1005.... 33
F1010.... 33
F1041.... 33
F1202.... 33
F1206.... 33
F1207.... 33
F1243.... 33
F1402.... 33
F1406.... 33
F1407.... 33
F1445.... 33
F1702.... 33
F1703.... 31
F1704.... 31
F1706.... 33
F1707.... 33
F1751.... 35
F1755.... 33
F2010.... 35
F2012.... 33
F2155.... 35
F2170.... 33
F2171.... 35
F2300.... 35
F2311.... 33
F2312.... 35
F2503.... 35
F2510.... 35
F2670.... 35
F2672.... 35
F2791.... 35
F3165.... 33
F3300.... 33
F3579.. 39, 41
F3583.... 41
F3830.... 41
F3941.. 39, 41
F3966.... 41
F4808.... 39
F4818.... 39

Product	Page
F4819....	39
F5078....	37
F5230....	41
F5231....	41
F5286....	37
F5292....	37
F5293....	37
F5314....	37
F5521....	39
F5522....	39
F5523....	39
F5527....	39
F5528....	39
F5531....	41
F5614....	37
F5650....	37
F5653....	37
F5681....	37
F5685....	37
F5687....	37
F5693....	37
F5830....	41
F5836....	41
F6501....	41
F6521....	39
F6579....	41
F6653....	37
F6681....	37
F6685....	37
F6687....	37
F6861....	41
F6873....	41
F8371....	41
F9010....	41
F9011....	41
F9232....	41
F9241....	41
F9242....	41
F9255....	41
F9300....	41
F9791....	41
F9911....	41

H

H0064D....	64
H0064F....	64
H0075A....	64
H0075B....	64
H0352D....	65
H0352H....	65
H0352J....	65
H0353A....	65
H0353B....	65
H0353C....	65
H0401D....	68
H0402F....	68
H0402J....	68
H0402K....	68
H0405A....	68
H0412A....	65
H0412E....	65
H0415....	64
H0422K....	68
H0427G....	65
H0427H....	65
H0427J....	64
H0430D....	64
H0430F....	64
H0552D....	65
H0552H....	65
H0552J....	65
H0553A....	65
H0553B....	65
H0553C....	65
H0615....	64
H0745A....	64
H0745B....	64
H0745J....	65
H0745K....	65
H0815....	64
H0825C....	68
H1409K....	64
H1410A....	64
H1410B....	64
HDH45C....	64
HDH45M....	64
HDH50C....	64
HDH50M....	64
HDH70C....	64
HDH70M....	64
HS450....	64
HSC45C....	64
HSC45M....	64
HSC45V....	64
HSC50C....	64
HSC50M....	64
HSC50V....	64
HSC70C....	64
HSC70M....	64
HSC70V....	64

L

L2311....	35
L2826....	35
L5017....	37
L5019....	37
L5315....	37
L5316....	37
L5317....	37
L5330....	37
L5334....	37
L5617....	37
L5619....	37
L5703....	37
L5708....	37
L5710....	37
L5712....	37
L5727....	37
L5902....	43
L5910....	43
L5927....	43
L6017....	43
L6051....	43
L6321....	43
L6327....	43
L6445....	43
L6603....	37
L6617....	37
L6619....	37
L6627....	37
L8081....	43
L8083....	43

M

M0001....	27
M0003....	27
M0005....	27
M0011....	27
M0012....	27
M0036....	27
M0038....	27
M0039....	27
M0052....	27
M0122....	27
M0160....	27
M0163....	27
M0177....	27
M0185....	27
M0204....	27
M0215....	27
M0220....	27
M0222....	27
M0235....	27
M0236....	27

N

N0131....	26
N0132....	26
N0432....	26
N0742....	26
N1231....	26
N1232....	26
N1432....	26
N2221....	26
N2222....	26
N2231....	26
N2232....	26
N2432....	26
N3211....	26
N3221....	26
N3222....	26
N3231....	26
N3232....	26
N3432....	26
N4250....	26
N4250S....	26
N4255....	26
N4255S....	26
N5250....	26
N5250S....	26
N5253....	26
N5255....	26
N5255S....	26
N5265....	26
N6250....	26
N6250S....	26
N6253....	26
N6255....	26
N6255S....	26
N6265....	26

P

PA200....	55
PA202....	55
PA202T....	55
PA203....	55
PA203T....	55
PA205....	55
PA205T....	55
PA207....	55
PA208....	55
PA500....	55
PA502....	55
PA502T....	55
PA503....	55
PA503T....	55
PA505....	55
PA505T....	55
PA507....	55
PA508....	55
PAG01....	55
PAG02....	56
PAG03....	56
PAG04....	56
PB200....	55
PB202....	55
PB202T....	55
PB203....	55
PB203T....	55
PB205....	55
PB205T....	55
PB207....	55
PB208....	55
PB500....	55
PB502....	55
PB502T....	55
PB503....	55
PB503T....	55
PB505....	55
PB505T....	55
PB507....	55
PB508....	55
PC200....	55
PC202....	55
PC202T....	55
PC203....	55
PC203T....	55
PC205....	55
PC205T....	55
PC207....	55
PC208....	55
PC402....	55
PC403....	55
PC405....	55
PC407....	55
PC408....	55
PC500....	55
PC502....	55
PC502T....	55
PC503....	55
PC503T....	55
PC505....	55
PC505T....	55
PC507....	55
PC508....	55
PD200....	55
PD202....	55
PD203....	55
PD205....	55
PD207....	55
PD208....	55
PD500....	55
PD502....	55
PD502T....	55
PD503....	55
PD503T....	55
PD505....	55
PD505T....	55
PD507....	55
PD508....	55
PE200....	55
PE202....	55
PE202T....	55
PE203....	55
PE203T....	55
PE205....	55
PE205T....	55
PE207....	55
PE208....	55
PE402....	55
PE403....	55
PE405....	55
PE407....	55
PE408....	55
PE500....	55
PE502....	55
PE502T....	55
PE503....	55
PE503T....	55
PE505....	55
PE505T....	55
PE507....	55
PE508....	55
PE700....	55
PE702....	55
PE703....	55
PE705....	55
PE707....	55
PE708....	55
PG512....	56
PG513....	56
PG515....	56
PG712....	56
PG713....	56
PG715....	56
PJ520....	56
PJ522....	56
PJ523....	56
PJ525....	56
PJ720....	56
PJ722....	56
PJ723....	56
PJ725....	56
PM522....	56
PM523....	56
PM525....	56
PM722....	56
PM723....	56
PM725....	56

R

R0450C....	54
R0451C....	54
R0452C....	54
R0453C....	54
R0454C....	54
R0455C....	54
R0456C....	54
R0457C....	54
R0458C....	54
R1000C....	54
R1001C....	54
R1002C....	54
R1003C....	54
R1004C....	54
R1005C....	54
R1006C....	54
R1007C....	54
R1008C....	54
R1030C....	54
R1031C....	54
R1032C....	54
R1033C....	54
R1034C....	54
R1035C....	54
R1036C....	54
R1037C....	54
R1038C....	54
R1230C....	54
R1231C....	54
R1232C....	54
R1233C....	54
R1234C....	54
R1235C....	54
R1236C....	54
R1237C....	54
R1238C....	54
R1240C....	54
R1241C....	54
R1242C....	54

Product Page

R1243C.... 54
R1244C.... 54
R1245C.... 54
R1246C.... 54
R1247C.... 54
R1248C.... 54
R1460C.... 54
R1461C.... 54
R1462C.... 54
R1463C.... 54
R1464C.... 54
R1465C.... 54
R1466C.... 54
R1467C.... 54
R1468C.... 54
R2021.... 56
R2022.... 56
R2023.... 56
R2024.... 56
R2025.... 56
R2026.... 56
R2027.... 56
R2028.... 56
R2029.... 56
R2029C.... 56
R2030C.... 56
R5590.... 57
R5595.... 57
R5600.... 57
R5605.... 57
R5610.... 57
R5615.... 57
R5620.... 57
R5625.... 57
R5630.... 57
R5635.... 57
R5645.... 57
R5690.... 57
R5695.... 57
R5700.... 57
R5705.... 57
R5710.... 57
R5715.... 57
R5720.... 57
R5725.... 57
R5730.... 57
R5735.... 57
R5745.... 57
R5790.... 57
R5795.... 57
R5800.... 57
R5805.... 57
R5810.... 57
R5815.... 57
R5820.... 57
R5825.... 57
R5830.... 57
R5835.... 57
R5845.... 57
R5860.... 57
R5865.... 57
R5868.... 57
R5869.... 57
R5870.... 57
R5873.... 57
R5874.... 57
R5875.... 57

S

S0010.... 52
S0011.... 52
S0012.... 52
S0014.... 52
S0018.... 52
S0020.... 52
S0022.... 52
S0026.... 52
S0030.... 52
S0220R.... 53
S0220S.... 53
S0230R.... 53
S0230S.... 53
S0240R.... 53
S0240S.... 53
S0250R.... 53
S0250S.... 53
S0260R.... 53
S0260S.... 53
S0270R.... 53
S0270S.... 53
S0312A.... 52
S0320R.... 53
S0320S.... 53
S0324A.... 52
S0330R.... 53
S0330S.... 53
S0336A.... 52
S0340R.... 53
S0340S.... 53
S0350R.... 53
S0350S.... 53
S0360A.... 52
S0360R.... 53
S0360S.... 53
S0370R.... 53
S0370S.... 53
S0512A.... 52
S0524A.... 52
S0536A.... 52
S0560A.... 52
S4516.... 25
S4524.... 25
S4536.... 25
S5500.... 52
S5600.... 52
S5610.... 52
S5615.... 52
S5620.... 52
S5630.... 52
S5640.... 52
S5650.... 52
S6400.... 25
S6700.... 25
S6740.... 25
S6740H.... 25
S6790.... 25
S6790H.... 25
S6880.... 25
S6880H.... 25
S6900.... 25
S6900H.... 25
S6920.... 25
S7016.... 25
S7024.... 25
S7036.... 25
S7180.... 25
S7200.... 25
S7220.... 25
S7380.... 25
S7400.... 25
S7400H.... 25
S7420.... 25
S7680.... 25
S7680H.... 25
S7700.... 25
S7700H.... 25
S7720.... 25
S7880H.... 25
S7900H.... 25
S7920H.... 25
SK0125...65, 77
SK0150...65, 77
SK0324...65, 77
SK2002...53, 65
SK2006...53, 65
SK2064.... 65
SK3002...53, 65
SK3006...53, 65
SK3064.... 65
SK4010.... 52
SK4020.... 52
SK4050.... 52
SK4054.... 65
SK4530.... 52
SK4534.... 65
SK4540.... 52
SK4544.... 65
SK4545.... 52
SK4550...25, 52
SK4554.... 65
SK4555.... 52
SK4560.... 52
SK5034.... 65
SK5040.... 52
SK5044.... 65
SK5045.... 52
SK5050.... 52
SK5054.... 65
SK5055.... 52
SK5060.... 52
SK5080.... 53
SK5090.... 53
SK6080.... 53
SK7050...25, 52
SK7054.... 65
SK7055.... 52
SK7060.... 52
SK9050.... 52

U

U11210...29, 44
U11220...29, 44
U11310...29, 44
U11320...29, 44
U4610.... 28
U4620.... 28
U4625.... 28
U4630.... 28
U4640.... 28
U4650.... 28
U4660.... 28
U4670.... 28
U4710.... 28
U4720.... 28
U4725.... 28
U4730.... 28
U4740.... 28
U4750.... 28
U4760.... 28
U4770.... 28
U4910.... 28
U4920.... 28
U4925.... 28
U4930.... 28
U4940.... 28
U4950.... 28
U4960.... 28
U4970.... 28
U5110.... 28
U5120.... 28
U5125.... 28
U5130.... 28
U5140.... 28
U5150.... 28
U5160.... 28
U5170.... 28
U5210.... 28
U5220.... 28
U5230.... 28
U5250.... 28
U5260.... 28
U5270.... 28
U5310.... 28
U5320.... 28
U5330.... 28
U5510.... 28
U5520.... 28
U5530.... 28
U5710.... 28
U5720.... 28
U5730.... 28

V

VA12L1.... 73
VA14M2.... 71
VA15M2.... 71
VA16O2.... 71
VA18O2.... 71
VA18O2-6..73
VA18O5.... 73
VA20R2.... 71
VA20R2-6..73
VA20R5.... 73
VA22R3.... 71
VA24R3.... 71
VB15M2.... 71
VB16O2.... 71
VB18O2.... 71
VB20R2.... 71
VB24R3.... 71
VC12L1.... 73
VC15M2.... 71
VC18O2.... 71
VC18O2-6..73
VC18O5.... 73
VC20R2.... 71
VC20R2-6..73
VC20R5.... 73
VC22R3.... 71
VC24R3.... 71
VD12C1.... 73
VD15D2.... 71
VD16G2.... 71
VD18G2.... 71
VD18I5.... 73
VD20J2.... 71
VD20K5.... 73
VD22M3.... 71
VD24O3.... 71
VE12E1.... 73
VE15I2.... 71
VE18M2.... 71
VE18M2-6..73
VE20P2.... 71
VE20P2-6..73
VE22R3.... 71
VE24R3.... 71
VF12K1.... 73
VF15M2.... 71
VF18O2.... 71
VF18O2-6..73
VF18O5.... 73
VF20R2.... 71
VF20R2-6..73
VF20R5.... 73
VF22R3.... 71
VF24R3.... 71
VG12K1.... 73
VG15M2.... 71
VG18O2.... 71
VG20R2.... 71
VG22R3.... 71
VG24R3.... 71
VH15M2.... 71
VH16O2.... 71
VH20U2.... 71
VH22V3.... 71
VH24X3.... 71
VL12K1.... 73
VL15M2.... 71
VL16P2.... 71
VL18S2.... 71
VL20T2.... 71
VL22S3.... 71
VL24W3.... 71
VM12J1.... 73
VM15K2.... 71
VM15O2.... 71
VM15R2.... 71
VM18M2.... 71
VM20P2.... 71
VZDC40.... 70
VZKIT10.... 70

X

X1200.... 61
X1201.... 61
X1203.... 61
X1206.... 61
X1207.... 61
X1208.... 61
X1220.... 61
X1221.... 61
X1222.... 61
X1223.... 61
X1224.... 61
X1226.... 61
X1227.... 61
X1228.... 61
X1250.... 61
X1251.... 61
X1252.... 61
X1253.... 61
X1254.... 61
X1256.... 61
X1257.... 61
X1258.... 61
X1272Q.... 61
X1274Q.... 61
X1276Q.... 61
X1278Q.... 61
X1280Q.... 61
X1300.... 61
X1301.... 61
X1302.... 61
X1303.... 61
X1304.... 61
X1306.... 61
X1307.... 61
X1308.... 61

Product	Page
X1301....	61
X1302....	61
X1303....	61
X1304....	61
X1306....	61
X1307....	61
X1308....	61
X1530....	61
X1531....	61
X1532....	61
X1533....	61
X1536....	61
X1537....	61
X1538....	61
X1549....	62
X1550....	62
X1551....	62
X1551Q....	62
X1553....	62
X1553Q....	62
X1556....	62
X1556Q....	62
X1557....	62
X1557Q....	62
X1558....	62
X1558Q....	62
X1559....	62
X1560....	62
X1561....	62
X1563....	62
X1566....	62
X1567....	62
X1568....	62
X1569....	62
X1570....	62
X1571....	62
X1571Q....	62
X1573....	62
X1573Q....	62
X1576....	62
X1576Q....	62
X1577....	62
X1577Q....	62
X1578....	62
X1578Q....	62
X1585....	62
X1585A....	62
X1585B....	62
X1585C....	62
X1585D....	62
X1586....	62
X1586A....	62
X1586B....	62
X1586C....	62
X1586D....	62
X1587....	62
X1587A....	62
X1587B....	62
X1587C....	62
X1587D....	62
X1591....	62
X1591A....	62
X1591B....	62
X1591C....	62
X1591D....	62
X1593....	62
X1593A....	62
X1593B....	62
X1593C....	62
X1593D....	62
X1595....	29
X1780....	61
X1785....	61
X1790....	61
X1820....	68
X1821....	68
X1822....	68
X1823....	68
X1825....	68
X1826....	68
X1827....	68
X1828....	68
X1830....	68
X1831....	68
X1832....	68
X1833....	68
X1835....	68
X1836....	68
X1837....	68
X1838....	68
X1850....	68
X1851....	68
X1852....	68
X1853....	68
X1855....	68
X1856....	68
X1857....	68
X1858....	68
X1860....	68
X1861....	68
X1862....	68
X1863....	68
X1865....	68
X1866....	68
X1867....	68
X1868....	68
X1870....	68
X1871....	68
X1872....	68
X1873....	68
X1875....	68
X1876....	68
X1877....	68
X1878....	68
X1890....	68
X1891....	68
X1892....	68
X1893....	68
X1895....	68
X1896....	68
X1897....	68
X1898....	68
X1900....	68
X1901....	68
X1902....	68
X1903....	68
X1905....	68
X1906....	68
X1907....	68
X1908....	68
X1921....	68
X1922....	68
X1923....	68
X1924....	68
X1926....	68
X1927....	68
X1928....	68
X1929....	68
X1943....	62
X1945....	62
X1947....	62
X2000....	29
X2001....	29
X2002....	29
X2004....	29
X2005....	29
X2101....	61
X2103....	61
X2106....	61
X2107....	61
X2108....	61

Z

Z0201....	30, 44
Z0202....	30, 44
Z0251....	30, 44
Z0301....	16, 44
Z0303	18, 32, 44
Z4000F....	49
Z4001F....	49
Z4005F....	49
Z4010F....	49
Z4020F....	49
Z4025F....	49
Z4030F....	49
Z4035F....	49
Z4040F....	49
Z4045F....	49
Z4060F....	49
Z4065F....	49
Z4070F....	49
Z4075F....	49
Z4080F....	49
Z4085F....	49
Z4090F....	49
Z4095F....	49
Z4097F....	49
Z4500....	49
Z4500F....	49
Z4500FH....	49
Z4500H....	49
Z4501....	49
Z4501F....	49
Z4501FH....	49
Z4501H....	49
Z4502F....	47
Z4502FH....	47
Z4503F....	49
Z4503FH....	49
Z4505....	49
Z4505F....	49
Z4505FH....	49
Z4505H....	49
Z4507F....	47
Z4507FH....	47
Z4510....	49
Z4510F....	49
Z4510FH....	49
Z4510H....	49
Z4512F....	47
Z4512FH....	47
Z4517F....	47
Z4517FH....	47
Z4520....	49
Z4520F....	49
Z4520FH....	49
Z4520H....	49
Z4525F....	49
Z4525FH....	49
Z4528F....	49
Z4528FH....	49
Z4530F....	49
Z4530FH....	49
Z4532F....	47
Z4532FH....	47
Z4535F....	49
Z4535FH....	49
Z4537F....	47
Z4537FH....	47
Z4540F....	49
Z4540FH....	49
Z4542F....	47
Z4542FH....	47
Z4545F....	49
Z4545FH....	49
Z4555F....	49
Z4555FH....	49
Z4560F....	49
Z4560FH....	49
Z4565F....	49
Z4565FH....	49
Z4570F....	49
Z4570FH....	49
Z4575F....	49
Z4575FH....	49
Z4580F....	49
Z4580FH....	49
Z4585F....	49
Z4585FH....	49
Z4590F....	49
Z4590FH....	49
Z4595F....	49
Z4595FH....	49
Z4597F....	49
Z4597FH....	49
Z5000F....	49
Z5001F....	49
Z5002F....	47
Z5005F....	49
Z5007F....	47
Z5010F....	49
Z5012F....	47
Z5020F....	49
Z5025F....	49
Z5030F....	49
Z5032F....	47
Z5035F....	49
Z5037F....	47
Z5040F....	49
Z5042F....	47
Z5045F....	49
Z5055F....	49
Z5060F....	49
Z5065F....	49
Z5070F....	49
Z5075F....	49
Z5080F....	49
Z5085F....	49
Z5090F....	49
Z5095F....	49
Z5097F....	49
Z6000F....	49
Z6000FH....	49
Z6001F....	49
Z6005F....	49
Z6005FH....	49
Z6010F....	49
Z6010FH....	49
Z6020F....	49
Z6020FH....	49
Z6030F....	49
Z6030FH....	49
Z6035F....	49
Z6035FH....	49
Z6040F....	49
Z6040FH....	49
Z6045F....	49
Z6045FH....	49
Z7000....	49
Z7000F....	49
Z7000FH....	49
Z7000H....	49
Z7001F....	49
Z7001FH....	49
Z7005....	49
Z7005F....	49
Z7005FH....	49
Z7005H....	49
Z7010....	49
Z7010F....	49
Z7010FH....	49
Z7010H....	49
Z7020F....	49
Z7020FH....	49
Z7025F....	49
Z7025FH....	49
Z7030F....	49
Z7030FH....	49
Z7032F....	47
Z7032FH....	47
Z7035F....	49
Z7035FH....	49
Z7037F....	47
Z7037FH....	47
Z7040F....	49
Z7040FH....	49
Z7042F....	47
Z7042FH....	47
Z7045F....	49
Z7045FH....	49
Z7055F....	49
Z7055FH....	49
Z7060F....	49
Z7060FH....	49
Z7065F....	49
Z7065FH....	49
Z7070F....	49
Z7070FH....	49
Z7075F....	49
Z7075FH....	49
Z7080F....	49
Z7080FH....	49
Z7085F....	49
Z7085FH....	49
Z7090F....	49
Z7090FH....	49
Z7095F....	49
Z7095FH....	49
Z7097F....	49
Z7097FH....	49

General Safety Guide for Bonded Abrasives

Grinding Wheels Improperly Used Are Dangerous - Adhere to A.N.S.I. Standards

The American National Standards Institute ("A.N.S.I.") and the Occupational Safety & Health Administration ("O.S.H.A.") have published standards concerning the proper use, handling, and storage of abrasive wheels.

It is recommended that all personnel involved in the use, handling and purchasing of abrasive wheels become familiar with these standards.

The following guidelines are based on material contained in A.N.S.I. B7-1, "Safety Requirements for the use, Care and Protection of Abrasive Wheels".

HANDLING

Handle all wheels carefully.

Use suitable conveyance.

Place wheels carefully.

DO NOT drop, bump, or roll.

DO NOT lean wheels against equipment.

DO NOT place tools or any parts on top of wheels.

DO NOT use trucks or conveyances, which do not provide firm support at all times when transporting wheels.

DO NOT toss or throw wheels when placing on a shelf or rack, or in bins, boxes or drawers.

STORAGE

Use proper racks, bins, drawers or boxes. Adequate support must be provided to protect wheels while awaiting use. Also allow removal of wheels without disturbing or damaging others and use on a rotational basis. *(See A.N.S.I. B7-1 for example of storage rack.)*

DO NOT use a wheel that has been dropped or damaged.

DO NOT expose wheels to water or other solvents.

DO NOT expose wheels to high humidity or freezing temperatures.

MACHINE

Always use a machine that is adequately guarded. Wheels can only be used on machines with safety guards that meet A.N.S.I. and O.S.H.A. specifications. Generally, a safety guard should enclose 1/2 of the wheel.

Ensure that the tool has proper flanges. Generally, flanges should be one-third the diameter of the wheel or a minimum of one quarter. Flanges should be kept in good repair and must be checked periodically for flatness, burrs, or wear.

Take proper care of equipment. Wheels can only be used on machines regularly maintained by qualified personnel including periodic checks of free running spindle speed.

DO NOT remove the guard from the machine because wheel diameter is too large. This is an indication that the wheel is incorrect for that particular tool. Compare the rated speed for the wheel with the rated speed of the tool. The wheel's rated speed must be equal to or higher than the tool's.

DO NOT mount a Type 1 wheel with unequal sized flanges.

DO NOT store the machine with the wheel mounted.

DO NOT attempt to check spindle speed with a tachometer while the wheel is on the tool.

MOUNTING

Visually inspect the wheels carefully for any evidence of damage in transit, handling, storage, or prior use.

Perform a "ring test" to the wheel before mounting to detect concealed damage. To "ring test" a wheel, you tap it gently with a light, nonmetallic implement, such as the handle of a screwdriver for light wheels, or a wooden mallet for heavier wheels. A sound, undamaged wheel will give a clear tone. A cracked wheel will give you a dead sound. If a wheel gives a dead rather than a clear sound, it must not be used.

DO NOT use a wheel that is in a damaged container without performing a "ring test". Internal "stress cracks" could occur if a box has been dropped or slammed around during shipping.

DO NOT mount a wheel with the power source engaged.

DO NOT use wheels where the machine speed exceeds the maximum speed stated on the wheel.

USE

Use wheels with the machine guards in place at all times.

Secure the work piece.

Always wear impact resistant eye protection, such as impact resistant safety goggles.

Always wear protective clothing.

Allow a newly mounted wheel to run for one minute. Wheels should be allowed to run for one full minute with all guards in place before dressing or grinding.

Let the wheel do the work.

Know what you are trying to accomplish. *(i.e. particular quality of finish, heavy stock removal, blending, cleaning, etc.)*

DO NOT tighten the mounting nut excessively.

DO NOT grind on the side of a cutoff wheel.

DO NOT grind completely flat with the wheel. Use proper grinding angle.

DO NOT hold the grinder near your face when engaging the tool. Hold down and away.

DO NOT jam work into the wheel or apply excessive pressure or in feed.

DO NOT use wheels for purposes other than those for which they were designed. READ THE LABEL.

GENERAL SAFETY GUIDE FOR BONDED ABRASIVES

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