

PEARL®

METALWORKING SOLUTIONS

CUTTING | GRINDING | SURFACE PREP | SANDING | TOOLS



Slimcut™

THIN-CUT OFF WHEELS

CHOOSE THE SLIMCUT™ THAT IS RIGHT FOR YOU!

GOOD		BETTER		BEST	
A PEARL EXCLUSIVE!					
PRO-V™ ALUMINUM OXIDE	SLIMCUT™ ALUMINUM OXIDE	SLIMCUT™ PLUS ALUMINUM OXIDE	REDLINE™ MAX ALUMINUM OXIDE	SRT™ SERIES SYNTHETIC RESINOID TECHNOLOGY	REDLINE™ CBT™ CERAMIC BOND TECHNOLOGY
Ultimate blend of performance and price.	Long life and cool aggressive cutting.	Extra long life and cool aggressive cutting.	Proprietary high performance grain for exceptional cut-ting speed and life.	Proprietary ultra high performance grain for extremely long life and fast cutting.	High performance ceramic for exceptional life and super fast cutting.



SLIMCUT™ FOR ALUMINUM

Long life and aggressive cutting. Non-loading on aluminum and non-ferrous metals. Engineered for cutting aluminum quickly without clogging



ALSO AVAILABLE!

REDLINE™ T-27 WITH 5/8-11 HUB

Quick and easy spin-on, spin-off changeover for reduced down time.

ALL SLIMCUT™ WHEELS ARE AVAILABLE IN T-1 AND T-27

= For stainless steel

Slimcut™ abrasive wheels are in stackable plastic containers to protect from damage and moisture. 25 wheels per container, easy to carry and store.*

*Except REDLINE™ with 5/8-11 Hub



SMALL DIAMETER CUT-OFF WHEEL



PREMIUM SILICON CARBIDE

For masonry, concrete, stone, cast iron and non-ferrous metals.

LARGE DIAMETER CUT-OFF WHEEL



SILVER LINE™
ALUMINUM OXIDE

PREMIUM
ALUMINUM OXIDE

SRT™ SERIES
SYNTHETIC RESINOID TECHNOLOGY **SS**

PEARL LARGE DIAMETER CUT-OFF WHEEL LINE-UP:

- METAL FOR CHOP SAWS AND STATIONARY SAWS
- METAL HI-SPEED FOR GAS POWERED SAWS
- FOR STUD CUTTING
- FOR DUCTILE IRON
- SILICON CARBIDE FOR MASONRY

PX-4000 XTREME™ - DIAMOND BLADE FOR METAL APPLICATIONS



- Ultra thin kerf
- Vacuum Brazed Technology
- Maintains blade diameter
- Fewer blade changes
- Less dust and debris than conventional abrasive wheels



LOWEST COST PER CUT!

FAST CUTTING.
NO WHEEL SHRINKAGE.
FEWER WHEEL CHANGES.



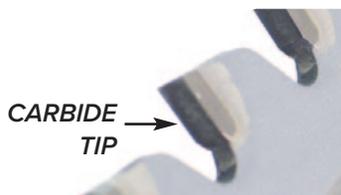
CARBIDE TIP BLADES - TC-1000™



TC-1000™ 80T
FOR METAL

TC-1000™ 90T
FOR STAINLESS STEEL

TC-1000™ 80T
FOR ALUMINUM



Pearl's Titanium Carbide Tip metal blades (TC-1000™) are designed to cut a variety of metals with fewer burrs, less dust and reduced material burning than abrasive products. They provide much longer life than traditional abrasive wheels. The Pearl TC-1000™ blades are engineered with a triple chip design for added durability.

DEPRESSED CENTER GRINDING WHEELS

GOOD

BETTER

BEST

A PEARL EXCLUSIVE!

NEW!



EXV™
ALUMINUM OXIDE

Excellent price +
performance = VALUE!

PREMIUM
ALUMINUM OXIDE

Premium general
purpose.

REDLINE™
MAX A.O.™
ALUMINUM OXIDE

High performance.
33% more efficient than
standard aluminum oxide.



SRT™ SERIES
SYNTHETIC
RESINOID
TECHNOLOGY

Proprietary ultra high
performance grain for
extremely long life and
fast grinding.



CBT PRO™ SERIES
CERAMIC BOND
TECHNOLOGY

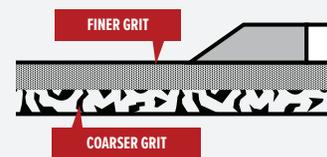
**HIGH PERFORMANCE
CERAMIC WHEELS**
See next page for more info



PEARL'S FINE-GRIT BACK LAYER IMPROVES GRINDING ACTION!

Our Fine, Hard Back Depressed Center Grinding Wheels feature a finer-grit mixture in the top half of the grinding wheel that limits premature shedding or "spalling" and allows for a smoother grinding action from start to finish.

- Designed for maximum productivity
- Longer wheel life
- Engineered to produce sharp beveled edges
- Extra durable with minimal stress
- A coarse grit bottom added for efficiency and safety



**PREMIUM D.A.
SERIES FOR
ALUMINUM**

Exclusive non-loading formula. For
Soft Non-Ferrous Metals, Copper,
Brass, Bronze etc.



**PREMIUM
FOR MASONRY
SILICON CARBIDE**

For Concrete, Stone, Cast Iron and
Non-Ferrous Metals.

SS = For stainless steel

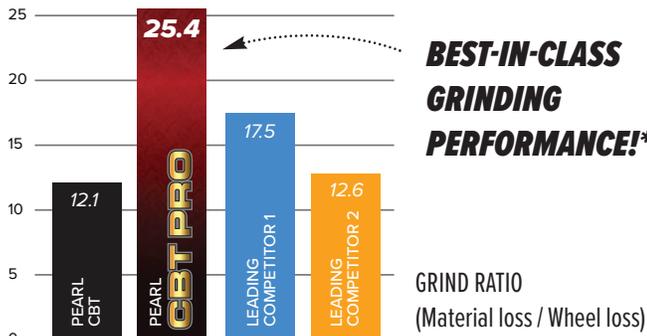
The Next Generation of Grinding Wheels!

NEW!

CBT PRO

**CERAMIC BOND TECHNOLOGY
DEPRESSED CENTER
GRINDING WHEELS**

Designed for professional performance and long life. The CBT PRO offers best-in-class grind ratio performance—ratio of material removal vs disc life—per Pearl's rigorous internal testing against the leading ceramic products currently on the market. When in use, the sharp ceramic grains will fracture and promote constant generation of new sharp grinding edges which allows for longer life and faster stock removal throughout the life of the wheel.



*Grind ratio claims based on internal testing vs. leading competitors. Specific results may vary by material and application.

- Exceptional performance on stainless steel and other high tensile alloys
- Super fast stock removal
- Longer life
- Grinds cool
- Consistent grinding

Aggressive 20-grit bottom layer with finer grit top layer

Limits spalling/spitting

- Maximizes productivity
- Improves durability
- Long life; and smooth grinding



T-27



CONTAMINATION FREE
(Fe + S + Cl < 0.1%)



MODEL	ITEM ID	SPECS	GRIT	MAX RPM	BOX
DCCBTPR045	871750	4-1/2 x 9/32 x 7/8	CBT 20	13,300	25
DCCBTPR045H	871751	4-1/2 x 9/32 x 5/8-11	CBT 20	13,300	10
DCCBTPR050	871752	5 x 9/32 x 7/8	CBT 20	12,250	25
DCCBTPR050H	871753	5 x 9/32 x 5/8-11	CBT 20	12,250	10
DCCBTPR060	871754	6 x 9/32 x 7/8	CBT 20	10,200	10
DCCBTPR060H	871755	6 x 9/32 x 5/8-11	CBT 20	10,200	10
DCCBTPR070	871756	7 x 9/32 x 7/8	CBT 20	8,500	10
DCCBTPR070H	871757	7 x 9/32 x 5/8-11	CBT 20	8,500	10
DCCBTPR090*	871758	9 x 9/32 x 7/8	CBT 20	6,650	10
DCCBTPR090H	871759	9 x 9/32 x 5/8-11	CBT 20	6,650	10

PIPELINE - For light grinding, cutting

MODEL	ITEM ID	SPECS	GRIT	MAX RPM	BOX
DCCBTPR045P	871760	4-1/2 x 5/32 x 7/8	CBT 40	13,300	25
DCCBTPR045PH	871761	4-1/2 x 5/32 x 5/8-11	CBT 40	13,300	10
DCCBTPR050P	871762	5 x 5/32 x 7/8	CBT 40	12,250	25
DCCBTPR050PH	871763	5 x 5/32 x 5/8-11	CBT 40	12,250	10
DCCBTPR060P	871764	6 x 5/32 x 7/8	CBT 40	10,200	10
DCCBTPR060PH	871765	6 x 5/32 x 5/8-11	CBT 40	10,200	10
DCCBTPR070P	871766	7 x 5/32 x 7/8	CBT 40	8,500	10
DCCBTPR070PH	871767	7 x 5/32 x 5/8-11	CBT 40	8,500	10
DCCBTPR090P*	871768	9 x 5/32 x 7/8	CBT 40	6,650	10
DCCBTPR090PH*	871769	9 x 5/32 x 5/8-11	CBT 40	6,650	10

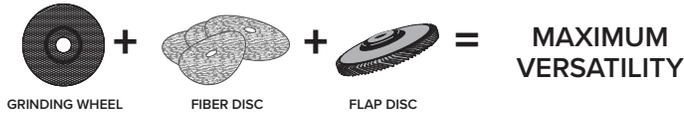


*Special Order Item

**APPLICATIONS: METAL/STAINLESS STEEL
Ferrous Metals, Iron, Steel, Stainless Steel, and
Other High Tensile Alloys.**

FLEXIBLE GRINDING WHEELS

GRINDING, SHAPING, FINISHING OR SANDING....



5 REASONS THE PEARL FLEXIBLE GRINDING WHEELS GIVE A BETTER FINISH:

1. Flexible wheels are extremely versatile
2. Increase grinding surface area
3. Superior surface finish
4. Less vibration
5. Exclusive non-woven reinforcement

Non-hubbed wheels - plastic back up is included in each box.

BETTER

PREMIUM
ALUMINUM OXIDE

Premium general purpose.

BEST
A PEARL EXCLUSIVE!

SRT™ FLEXTRON SERIES
SYNTHETIC RESINOID TECHNOLOGY

Proprietary ultra high performance grain.

CONTAINS NO LEAD (Pb) < 0.01% SS

PREMIUM

MODEL	SPECS	GRIT	MODEL	SPECS	GRIT
FAC4036	4 x 1/8 x 5/8	AC36	FAC7024	7 x 1/8 x 7/8	AC24
FAC4046	4 x 1/8 x 5/8	AC46	FAC7036	7 x 1/8 x 7/8	AC36
FAC4060	4 x 1/8 x 5/8	AC60	FAC7036H	7 x 1/8 x 5/8-11	AC36
FAC4080	4 x 1/8 x 5/8	AC80	FAC7046	7 x 1/8 x 7/8	AC46
FAC4536	4-1/2 x 1/8 x 7/8	AC36	FAC7060	7 x 1/8 x 7/8	AC60
FAC4536H	4-1/2 x 1/8 x 5/8-11	AC36	FAC7060H	7 x 1/8 x 5/8-11	AC60
FAC4546	4-1/2 x 1/8 x 7/8	AC46	FAC7080	7 x 1/8 x 7/8	AC80
FAC4560	4-1/2 x 1/8 x 7/8	AC60	FAC7080H	7 x 1/8 x 5/8-11	AC80
FAC4580	4-1/2 x 1/8 x 7/8	AC80	FAC9036	9 x 1/8 x 7/8	AC36
FAC5036	5 x 1/8 x 7/8	AC36	FAC9060	9 x 1/8 x 7/8	AC60
FAC5046	5 x 1/8 x 7/8	AC46			

SRT™ FLEXTRON SERIES

MODEL	SPECS	GRIT	MODEL	SPECS	GRIT
FLEX4036	4 x 1/8 x 5/8	SRT 36	FLEX4560	4-1/2 x 1/8 x 7/8	SRT 60
FLEX4046	4 x 1/8 x 5/8	SRT 46	FLEX456H	4-1/2 x 1/8 x 5/8-11	SRT 60
FLEX4060	4 x 1/8 x 5/8	SRT 60	FLEX4580	4-1/2 x 1/8 x 7/8	SRT 80
FLEX4080	4 x 1/8 x 5/8	SRT 80	FLEX5036	5 x 1/8 x 7/8	SRT 36
FLEX4536	4-1/2 x 1/8 x 7/8	SRT 36	FLEX5046	5 x 1/8 x 7/8	SRT 46
FLEX453H	4-1/2 x 1/8 x 5/8-11	SRT 36	FLEX7036	7 x 1/8 x 7/8	SRT 36
FLEX4546	4-1/2 x 1/8 x 7/8	SRT 46	FLEX736H	7 x 1/8 x 5/8-11	SRT 36
FLEX454H	4-1/2 x 1/8 x 5/8-11	SRT 46	FLEX7060	7 x 1/8 x 7/8	SRT 60

T-11 GRINDING CUP STONES

METAL-BACKED FOR ADDED SAFETY!

For grinding and cleaning applications. Coarse grit wheel for tough grinding applications. Excellent for cleaning castings, mold marks, removing flashing.



BENCH GRINDING WHEELS

Wheels are not affected by water, oils or acids. Each wheel is balanced and ring tested. One size wheel can fit several different machines using the included bushing set. Use Aluminum Oxide bench grinding wheels for general purpose tool sharpening, light to heavy stock removal on ferrous metals - carbon steel, steel and iron. Use Green Silicon Carbide bench grinding wheels for fast burr-free grinding of tungsten carbide tipped tools, ferrous and non-



MAXIDISC™ FLAP DISCS

CHOOSE THE
MAXIDISC™ THAT IS
RIGHT FOR YOU!



1 APPLICATIONS

Pearl Abrasive offers an assortment of Maxidiscs™ for specific applications on a variety of materials.

- Stainless Steel
- Carbon Steel
- Sheet Metal
- Iron
- High Tensile Alloys
- Aluminum
- Glass
- Stone

2 ABRASIVE MATERIALS

- Pearl Abrasive uses only the best abrasive grains and backing material for our Maxidiscs™.
- We only use 100% polyester or a combination of polyester/cotton, NEVER PAPER.
- Pearl's unique way of embedding the grains to a durable polyester or polyester/cotton backing results in a construction that provides superior performance and life.
- Aluminum Oxide, Zirconia, Ceramic and Silicon Carbide grains.

3 DISC CONFIGURATIONS & HUB BACKING TYPES

- Pearl Abrasive offers a variety of flap configurations for specific applications. Variables to consider in overall flap configuration are:
Flap Angle - For flexibility, and
Disc Shape - For aggressiveness
- Type 27 and Type 29. 5/8-11 center.
- Conventional fiberglass or trimmable back.

CHOOSE YOUR APPLICATIONS:

- Polishing
- Grinding
- Stock removal
- Weld blending
- Cleaning
- Finishing
- Edge chamfering
- Burr removal
- Sanding
- Deflashing
- Paint removal

MATCH THE GRIT TO YOUR APPLICATION:

GRIT	COARSE GRINDING			COARSE FINISH		MEDIUM FINISH			FINISH		FINE FINISH	
	24	36	40	60	80	100	120	150	180	220	320	400
REMOVAL OF HEAVY DUTY WELDING BEAD	X											
GRINDING ON STRUCTURAL STEEL	X											
REMOVAL OF IMPERFECTIONS	X											
RUST REMOVAL AND SURFACE PREPARATION	X											
MOLD AND DIE POLISHING	X											
REMOVAL OF BURR AND FLASH	X											
BLENDING	X											
CLEAN FINISH	X											

CHOOSE THE GRAIN:

ALUMINUM OXIDE



Premium Blue-fired, Friable Aluminum Oxide with active grinding agent.

The wedge shape of this tough grain is made for long life and stock removal. The cutting edges work great for grinding and cutting:

- Ferrous metals
- Iron
- Steel

ZIRCONIA



100% Zirconia with active grinding agent.

This extremely tough and sharp grain is made for high stock removal. Long life and cool running are characteristics of the high performance grain. Its constant self-sharpening edges work well on:

- Ferrous metals
- Stainless steel
- Other high tensile alloys

SILICON CARBIDE



Manufactured crystalline compound with active grinding agent.

A very hard and sharp abrasive grain that allows for very fast stock removal and at the same time runs cool. Silicon carbide grains work well with very light pressure. This grain is made to work well on:

- Stone, concrete, marble and granite
- Non-ferrous metals such as aluminum, bronze as well as glass

ZIRCONIA FOR STAINLESS STEEL



Proprietary zirconia with special active grinding agent.

This special grain was developed for superior work on stainless steel. The mixture of zirconia and aluminum oxide was developed to avoid overheating, glazing and discoloration. It has exceptional stock removal properties.

- Stainless steel

CERAMIC



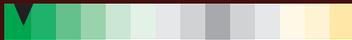
Special crystalline non-fused ceramic aluminum oxide grain with grinding agent.

This special grain was developed for superior work, extremely long life, and high stock removal on stainless steel and other metals. The crystalline structure allows for micro-fracturing of the abrasive grain during operation which constantly produces sharp edges.

- Stainless steel
- Ferrous metals
- Other high tensile alloys

CHOOSE YOUR FLEXIBILITY:

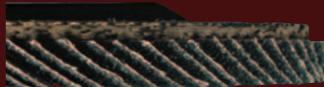
LESS FLEXIBILITY STOCK REMOVAL/GRINDING



Discs with less flexibility are designed for aggressive stock removal. Discs with low flexibility are excellent for grinding where a lot of material needs to be removed.

MID

HIGH FLEXIBILITY SANDING/BLENDING



Discs with high flexibility are designed for light grinding, sanding, blending, and finishing. Highly flexible discs are also ideal for increased flexibility when working on uneven or curved surfaces.

CHOOSE YOUR SHAPE:

TYPE 29



Use **Type 29** Maxidiscs™ for the maximum aggressiveness and full use of each flap when grinding at an angle.

TYPE 27



Use **Type 27** Maxidiscs™ for smooth grinding, blending and increased flexibility.

CHOOSE YOUR HUB BACKING:

TRIMMABLE



NON - TRIMMABLE



MAXIDISC™ FLAP DISCS - ALUMINUM OXIDE FOR METAL

BETTER **BEST**

SILVER LINE™ **PREMIUM**



MAXIDISC™ FLAP DISCS - ZIRCONIA FOR METAL/STAINLESS STEEL

GOOD **BETTER** **SS**

EXV™ STANDARD **EXV™ HIGH DENSITY** **SILVER LINE™** **PREMIUM**

Excellent price + performance = VALUE!
35% more abrasive material than the EXV™ Standard
General purpose
Premium general purpose



BEST **SS**

FATMAX™ (JUMBO) **TUFFMAX™** **GREENBACK™ TRIMMABLE**

Premium general purpose
Fast and heavy stock removal
High performance - trimmable. Available with Quickmount™

TRIMMABLE FLAP DISCS
Easy Trim back exposes more flap length reducing costly disc changes.

BEST

MAXIDISC™ FLAP DISCS - CERAMIC FOR METAL/STAINLESS STEEL



REDLINE™ CBT

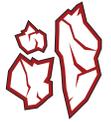
High performance

REDLINE™ CBT TRIMMABLE

High performance - trimmable. Available with Quickmount™

UP TO 50% HIGHER STOCK REMOVAL RATE THAN ZIRCONIA FLAP DISCS!

PEARL'S CERAMIC BONDED TECHNOLOGY™ (CBT™) GRAIN is a non-fused ceramic aluminum oxide that is extremely strong and durable. It is a very fine crystalline structure, which allows for micro-fracturing of the abrasive grain. This promotes constant generation of new edges allowing for longer life and faster stock removal throughout the entire life of the wheel. In addition, CBT™ grains perform exceptionally well on stainless steel.



- Faster stock removal compared to aluminum oxide and zirconia radial flap discs in the same class
- Longer life compared to aluminum oxide and zirconia flap discs in the same class
- Grinds cool – Doesn't burn the work piece
- Grains remain sharp through entire life of the wheel
- "self sharpening"
- Exceptional performance on stainless steel and other high tensile alloys
- Consistent surface finishes

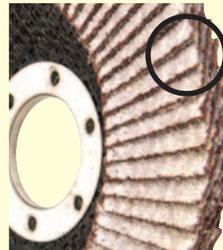


MAXIDISC™ FLAP DISC - FOR ALUMINUM



PREMIUM FOR ALUMINUM
ALUMINUM OXIDE
CALCIUM STEARATE

Twice the life of a traditional flap disc on aluminum and other non-ferrous metals. This cost effective disc has higher production rates than other flap discs because it is specifically designed for aluminum.



Calcium Stearate
Calcium stearate coating on abrasive material liquefies with heat and doesn't allow the disc to load.



Aluminum Oxide Grains

MAXIDISC™ FLAP DISCS - NON-WOVEN ALUMINUM OXIDE



BRITEMAX™ NON-WOVEN

Maxidisc™ BriteMax™ is created of high-quality aluminum oxide grains in overlapping non-woven flaps resulting in high durability and long life. The disc is designed to offer maximum performance and safety.

Applications: Surface conditioning, deburring, blending, cleaning, removal of rust, corrosion, mild scale, paint, adhesives



DUALMAX™ INTERLEAF

Alternating flaps of non-woven and coated abrasive materials provide uniform, consistent finishes with very little heat. Grind and finish in a single operation. Controlled material removal

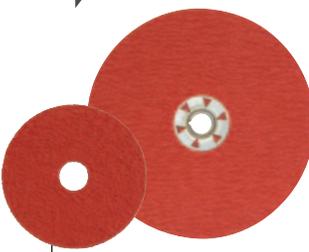


Premium coated abrasive layer for quick, controlled and cool removal of material.

Surface conditioning flaps ensure an even finish, even at low pressure.

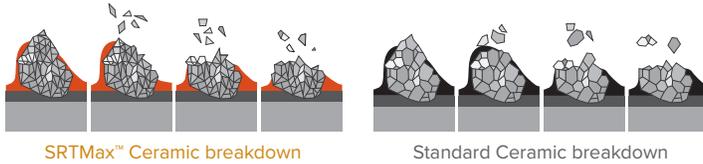


RESIN FIBER DISCS COATED ABRASIVES

GOOD	BETTER	BEST
 <p>SILVER LINE™ ALUMINUM OXIDE General purpose</p>	 <p>PREMIUM ALUMINUM OXIDE Premium general purpose</p>	 <p>HEAVY DUTY ZIRCONIA Premium zirconia</p> <p>SS</p>
		 <p>SRT MAX™ CERAMIC Super high performance ceramic</p> <p><small>NON-SPARKING (Fe + C < 0.3%)</small> SS</p>

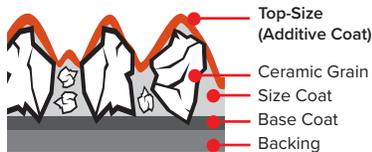


FAST STOCK REMOVAL THAN STANDARD CERAMIC GRAIN!



The new Pearl SRTMax™ grain is manufactured in a new way that results in a much finer crystalline structure. This unique mineral fracture gives the abrasive product a longer life and more aggressive grains with an improved self-sharpening effect.

TOP-SIZE added cooling agent for cool grinding and extremely long life!



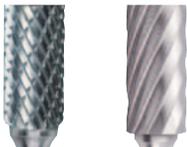
- Longest life
- Grains remain sharp through entire life of the wheel – “self sharpening”
- Exceptional performance on stainless steel and other high tensile alloys
- Consistent surface finishes
- Resists glazing and loading



Available with Type 2 Arbor Lock

Available with Pearl's Type 2 arbor lock fastener. This allows the operator to make quick disc changes, with a tool-free twist on and off motion. They can be used with standard back-up pads. With these quick change fasteners, the operator can change discs quickly allowing more time to grind/sand.

CARBIDE BURS

BETTER	BEST
<p>EXV™</p>  <p>Double Cut</p> <p>SS</p>	<p>PREMIUM</p>  <p>Double Cut Aluminum Cut (Single Cut)</p> <p>SS SS</p>

The **Double Cut** is the most popular bur for ferrous materials. The flutes are precision ground in both left and right directions, offering aggressive stock removal and a smooth finish.

The **Aluminum Cut** is designed to be used on Non-Ferrous metals and has an open cut for aggressive stock removal and avoids loading of material on softer metals.



Also Available!

NEW & IMPROVED COUNTERTOP DISPLAY CASE

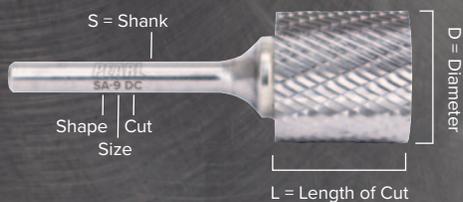
PEARL CARBIDE BUR SPECIFICATIONS



- Precision ground tungsten carbide for aggressive cutting and long life
- Double Cut allows for smooth operation with little or no vibration
- Ideal for smaller, hard-to-reach areas
- Excellent for weld dressing, smoothing castings and shaping holes
- 1/4" Shank

SELECTING THE RIGHT PRODUCT

Cutstyle	Double Cut	Aluminum Cut
Qualities	<ul style="list-style-type: none"> • Versatile cutting action • Aggressive stock removal • Smooth finish • Granular chip break 	<ul style="list-style-type: none"> • Ideal for deburring aluminum, alloys, and plastic • Wide tooth design • Easy chip flow
Steel	●	
Hardened steel	●	
Stainless steel	●	
Cast iron	●	
Titanium	●	
Nickel	●	
Copper/Copper alloys	●	
Brass	●	●
Aluminum		●
Plastics		●
Zinc		●
Magnesium		●



SA	CYLINDRICAL PLAIN END		Ideal for contour finishing
SB	CYLINDRICAL WITH END CUT		Ideal for finishing contour and right angled corners
SC	CYLINDRICAL BALL NOSE		Ideal for machining contour and circular arc surface
SD	BALL		Ideal for rounded edge processing, end deburring and end pre-machining before welding
SE	OVAL		Ideal for rounded edge processing
SF	ARCH BALL NOSE		Ideal for rounded edge processing in small places
SG	ARCH POINTED NOSE		Ideal for processing small places, and acute angled contour
SH	FLAME		Ideal for rounded edge processing
SK	90° CONE		Ideal for counterboring and chamfering bores with 90° angle
SL	CONICAL BALL NOSE		Ideal for rounded edge and surface processing in small places
SM	CONICAL POINTED NOSE		Ideal for rounded edge and surface processing in small places
SN	INVERTED CONE		Ideal for reverse chamfering



PEARL ALUMINUM SOLUTIONS

EXCEPTIONAL CUTTING / GRINDING SPEED
WITHOUT LOADING!



TITANIUM TC-1000™
CARBIDE TIP BLADE



ALUMINUM CUT
CARBIDE BURS



SLIMCUT™ THIN
CUT-OFF WHEEL



MAXIDISC™ FLAP DISC



D.A. SERIES DEPRESSED
CENTER WHEEL



BETTER **BEST**

EXV™



PREMIUM



HIGH QUALITY, INDUSTRIAL GRADE WIRE BRUSHES FROM PEARL!



SS

KNOT CUP

- Removal of rust, scale, paint, and corrosion
- Cleaning and preparation of large metal surfaces
- Tempered and stainless wire



CRIMPED CUP

- Light and medium duty cleaning and surface prep
- Removal of rust, scale, paint, burrs, and corrosion



BENCH WHEEL

- Removal of rust, scale, paint and other coatings
- Light deburring, edge finishing, and surface finishing/cleaning



12" CRACK CLEANING BRUSH

- Removes fillings from expansion joints
- Longer wire to get deeper into crevices. Excellent for working on concrete or asphalt



SS

KNOT WHEEL STRIPER BEAD TWIST

- Bead scale removal
- Cleaning root and hot passes and reaching into corner
- Tempered and stainless wire



SS

KNOT WHEEL REGULAR TWIST

- Cleaning filler & cap passes
- Removing residues of adhesive, hard scale, rust, and paint
- Tempered & stainless wire



CRIMPED WHEEL

- Light duty brushing, deburring, edge blending and cleaning
- Removal of rust and corrosion

Also available: 10-PACK PREMIUM WIRE BRUSHES



SS

CRIMPED WHEEL END BRUSH

- Removal of rust, scale, splatter, dirt, paint and other coatings
- Internal and external cleaning and deburring
- Tempered and stainless wire



SS

CRIMPED END BRUSH

- Flexible brushing good for light-duty cleaning of corners and other contoured surfaces
- Broad range of general purpose applications
- Tempered and stainless wire



SS

KNOT END BRUSH

- Aggressive with some flexibility good for cleaning/deburring internal passages, recessed areas, and spot facing
- Cleaning of dies, molds, and tooling
- Tempered and stainless wire

STAINLESS WIRE
Made with 304 stainless

SCRATCH BRUSHES - EXV™ Series



3 X 7 SMALL CLEANING WIRE



3 X 19 CURVED HANDLE WIRE



4 X 16 SHOE HANDLE WIRE



PEARL STAINLESS STEEL SOLUTIONS



GRINDING WHEELS

Redline Max AO™
SRT™
CBT PRO™
Aluminum Oxide Premium Flexible
SRT™ Flexible



MAXIDISC™ FLAP DISCS

Zirconia (all)
Ceramic CBT™
BriteMax™ Non-Woven
DualMax™ Interleaf



RESIN FIBER DISCS

Zirconia Heavy Duty
SRT Max™ Ceramic



CARBIDE BURS

Double Cut EXV™
Premium Double Cut



THIN CUT-OFF WHEELS

SlimCut™
SlimCut Plus™
SlimCut Redline™
SlimCut Redline™ CBT Ceramic
SlimCut SRT™



CUT-OFF WHEELS

SRT™ small diameter
Premium Zirconia small diameter
SRT™ large diameter
Xtreme™ PX-4000



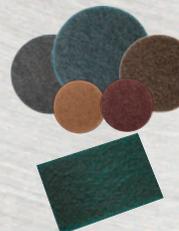
CARBIDE TIP BLADE

TC-1000™



WIRE BRUSHES

EXV™ Wire Brushes
EXV™ Scratch Brushes



SURFACE PREP

Quickmount™ Mini Discs
SRT Max™ Quickmount™ Mini Discs
6 x 9 Ultra Prep™ Max Hand Pads
Non-Woven discs for angle grinders
Surface Prep Wheels
Stripping Discs
Flap Wheels



FOR 4" TO 7" ANGLE GRINDERS HOOK & LOOP CONDITIONING DISCS - NON-WOVEN ALUMINUM OXIDE

FEATURES:

- High performance products manufactured from a tight non-woven fiber web with a woven backing and impregnated with specially processed aluminum oxide grain
- Tough, long lasting and build-up resistant
- Discs feature a Hook & Loop fastening system

APPLICATIONS:

Deburring, blending, cleaning, and removal of rust, corrosion, mild scale, paint, adhesives



Also available:
BACK UP PADS For hook & loop surface conditioning discs. Firm bonded pad with 1/4" foam



QUICKMOUNT™ MINI CONDITIONING DISCS

FEATURES:

- Fast, clean and easy to use
- Non-loading
- Does not gouge, mark or scratch base material
- Type R style

APPLICATIONS:

- Surface prep before coating & painting
- Remove rust, paint and oxidation
- Remove weld discoloration
- Clean tools and engine parts

BETTER

BEST



ALUMINUM OXIDE

Premium general purpose. Non-woven and laminated cloth discs.



**SRT MAX™
CERAMIC**

Super high performance ceramic. Laminated cloth discs.



6 x 9" ULTRA PREP™ MAX NON-WOVEN HAND PADS

Use for Finishing, Blending, Polishing, Deburring, Cleaning (Light Duty to Heavy Duty)

- Easily conforms to substrate surface for maximum contact
- Can be cut and shaped for specific applications
- Non-loading for consistent finish
- Tough construction to resist shredding and increase life

**THICK
PADS!**



Fibers are coated on all sides for maximum life and abrasive

SURFACE PREP WHEELS



TURBO CUT™ DISC
SILICON CARBIDE
 CONCRETE/STONE
 For Stone, Cast Iron, Non-Ferrous Metals and Floor Coatings

Also available:
 HEAVY DUTY RUBBER
 BACK UP PADS



TURBO CUT™ DISC
HARD BACK
SILICON CARBIDE
 General Surface Cleaning and Prep on Concrete, Metal, Wood, Stone, Fiberglass. Remove coatings, paint, rust, old adhesives, grime. Clean and prep hard surfaces without removing base material. Remove high spots on plywood deck floors. No back up pad required.



STRIPPING DISCS
METAL/STAINLESS STEEL
 Ferrous Metals, Iron, Steel and Stainless Steel. Paint, Rust, Stain Removal.



ALUMINUM OXIDE WHEEL - MAROON
 METAL/STAINLESS STEEL
 Ferrous Metals, Iron, Steel, Non-Ferrous, Sheet Metals, Copper, Stainless Steel



SILICON CARBIDE WHEEL - GREY
 NON-FERROUS
 Stone, Glass, Plastic, Bronze, Ceramics, Aluminum



FLAP WHEELS

ALUMINUM OXIDE
 Metal, Ferrous Metals, Iron, Steel, Stainless Steel, Aluminum, Copper, Wood, Plastic and Fiberglass.



**NOW IN
 POINT-OF-PURCHASE
 DISPLAY BOXES**

SS = For stainless steel



RESIN CLOTH BELTS

ALUMINUM OXIDE

Engineered for use on belt sanding machines. Designed for extra long life and performance. Available in a multitude of lengths, widths and grits to handle a variety of sanding needs. Use on ferrous metals, wood, fiberglass and plastics.



SHOP ROLLS

ALUMINUM OXIDE

Premium quality grains and long lasting performance. Use on ferrous metals, high tensile steel, iron, non-ferrous metals, aluminum and copper. Also use on wood and fiberglass.

PSA PAPER DISCS

Pearl's PSA (Pressure Sensitive Adhesive) paper discs are ideally suited for sanding and finishing a variety of surfaces. Available in a variety of grits, grains and backing weights. The discs are Prop 65 compliant. Use for wood, paint, fiberglass, body filler and ferrous and non-ferrous metals.

BETTER

LIGHTWEIGHT OPEN COAT LINK ROLL



BEST

HEAVY DUTY SEMI-OPEN COAT STACK PACK



SANDPAPER 9 X 11 IN. SHEETS - WATERPROOF

SILICON CARBIDE

Pearl's high quality sanding sheets have been engineered using the most sophisticated production techniques to ensure consistent finishing and extra long life. General purpose for paint, fillers, sealers, varnish, plastics, fiberglass, marbles, ceramics, ferrous and non-ferrous metals.



WARNING! Abrasive products **MUST NOT** be used without proper personal protective equipment and approved dust control methods. Failure to do so may result in the inhalation of respirable crystalline silica and can cause serious or fatal respiratory diseases, including silicosis.

Dust and Silica Warning

The use of abrasive tools generate dust. This dust may contain respirable crystalline silica. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer.

These products **MUST NOT** be used without (1) proper personal protection equipment that has been fit tested to the worker, and (2) dust containment and collection systems, or (3) integrated water delivery systems. Acceptable work practices and recommendations for dust control methods can be found in the **29 CFR § 1910.1053**.

If you are unfamiliar with the risks associated with cutting, grinding, or polishing quartz, quartzite, granite, sintered material, concrete, mortar, brick, or block, please review the products' material safety data sheet and/or consult your employer, the manufacturers /suppliers, or governmental agencies such as OSHA and NIOSH and other sources on the hazardous of these materials.



WARNING: Products in this catalog can expose you to the following chemicals, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.p65Warnings.ca.gov

Formaldehyde, Cobalt, Nickel, Lead



WARNING: Cancer and reproductive harm
www.P65Warnings.ca.gov. See page 19.



Dust and Silica Warning
See page 19.

NEW PRODUCTS 2024!



PROFESSIONAL PNEUMATIC TOOLS

- Professional design for continuous production applications.
- Strong aluminum housing withstands tough operating conditions
- Sealed bearings provide long life and smooth operation
- Air control is conveniently located and easy to use
- Rear air vent exhaust protector
- Long-lasting
- 1-Year Manufacturer Defect Warranty
- Made in Japan



ANGLE DIE GRINDER

PA2025AD (879240)

Collet Size	1/4 in
Free Speed (Max)	22,000 rpm
Motor Watt	388 W
Weight	1.8 lbs
Air Consumption	24.0 CFM
Avg. Air Consumption	4.0 CFM



DIE GRINDER

PA2012DG (879239)

Collet Size	1/4 in
Free Speed (Max)	25,000 rpm
Motor Watt	388 W
Weight	1.31 lb
Air Consumption	24.0 CFM
Avg. Air Consumption	4.0 CFM

- These two grinders are ideal for a variety of applications, including porting, weld breaking, deburring, polishing, and grinding.
- Durable ball-bearing construction improves balance, reduces vibration, and ensures a longer life.
- Integral safety-lock throttle lever prevents accidental start-up.
- Small and lightweight design provides easy operation, and greater access to tight spots.



5" DISC GRINDER

PA2515DG (879238)

- Great for a variety of heavy-duty grinding tasks.
- Spindle lock offers quick and easy wheel changes.
- Ergonomically designed reduces user fatigue.
- Convenient throttle trigger offers additional user comfort.

Disc Size	5 in
Spindle Size	5/8"-11 UNC
Free Speed (Max)	12,000 rpm
Motor Watt	570 W
Weight	4.22 lbs
Air Consumption	16.8 CFM
Avg. Air Consumption	2.8 CFM



NEEDLE SCALER

PA4150NS (879241)

- Great for cleaning and removing paint, rust, dirt, or mill scale.

Stroke Length	Max 0.67 in
Free Blow Speed	3,500 spm
Weight	4.53 lbs
Air Consumption	7.8 CFM
Avg. Air Consumption	1.3 CFM