

TSOAPX

TOTAL SOLUTION OF
ABRASIVE PRODUCTS

CATALOGUE



www.tsoapx.com

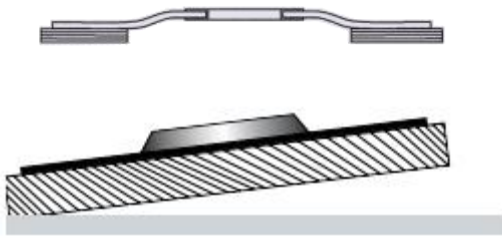


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Flap Disc Type:



T 27

- Flat shaped for working on flat grinding surfaces
- Most efficient when used between 0° to 15° angle
- Best choice for smooth finishing



T 29

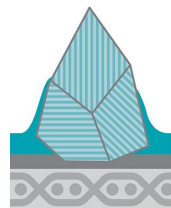
- Ideal for contour and edge work
- Angled flaps provide greater surface contact for a more aggressive cut
- Most efficient when used between 15° to 25° angle

Material :



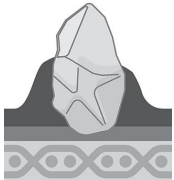
ALUMINIUM OXIDE--A/O

- Universal grain for many different metal applications
- Perfect combination of toughness and hardness
- Ideal for intermediate and finish grinding



ZIRCONIA ALUMINIA--Z

- Abrasive with constant self-sharpening
- Prolonged and high grinding performance
- Very high stock removal for medium pressure applications



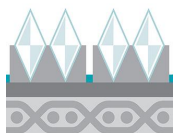
SILICON CARBIDE--SiC

- Very hard
- Ideal for working titanium, glass, minerals, ceramic, china and stones



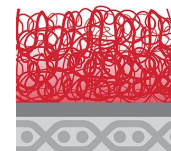
CERAMICS--C

- Very high stock removal
- Top product with self-sharpening effect for machining unalloyed steels and stainless steels
- Cool grinding characteristics maximise intervention time



DIAMOND

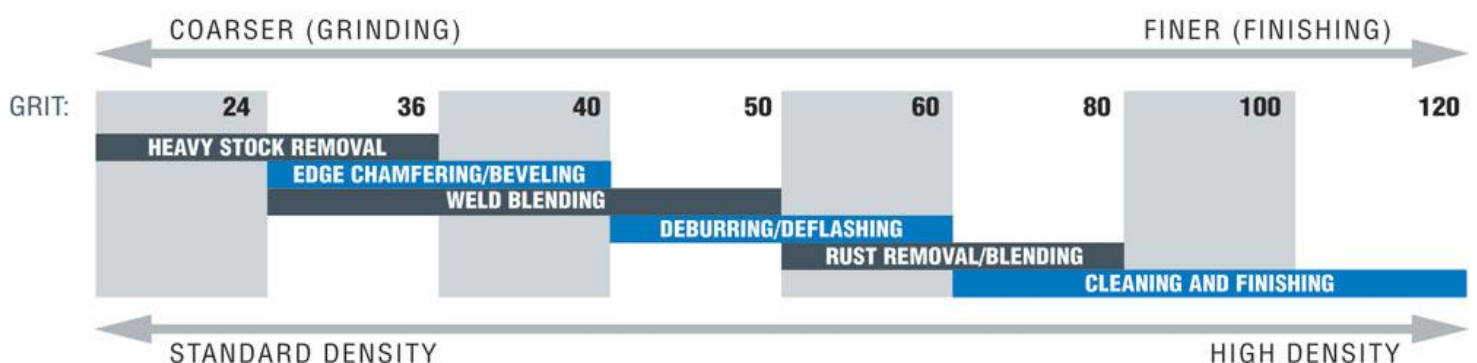
- Extremely hard
- For machining coated and hard, brittle materials such as titanium/tungsten carbide, glass, marble and granite



NON-WOVEN

- Available as AO and SIC
- Perfectly follows the shape of a workpiece
- For premium scratch patterns which can easily be reproduced

Abrasive grit:



FLAP DISCS

Flap discs are engineered for multiple applications including light stock removal, blending and finishing, meaning they can help reduce processing times and lower costs. Flap discs have a fast cut and provide a better finish than fibre while having the added benefit of a longer life.



APPLICATIONS & MARKETS

- Grinding & blending welds
- Rust & paint removal
- Stock removal
- Cleaning & finishing
- Edge chamfering
- Deburring





Aluminum Oxide

FEATURES

- Durable aluminium oxide abrasive grain
- Heavy cotton cloth
- Fibreglass backing

BENEFITS

- Fast initial cut rate especially on carbon steel

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	A/O	T27 / T29	40-120	15300	10
115 x 22	4-1/2 x 7/8	A/O	T27 / T29	40-120	13300	10
125 x 22	5 x 7/8	A/O	T27 / T29	40-120	12200	10
180 x 22	7 x 7/8	A/O	T27 / T29	40-120	8500	10



Calcined Aluminum Oxide

FEATURES

- Durable calcined aluminium oxide abrasive grain
- Heavy cotton cloth
- Fibreglass backing

BENEFITS

- Fast initial cut rate especially on carbon steel
- More aggressive than aluminium oxide flap discs

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	A/O	T27 / T29	40-120	15500	10
115 x 22	4-1/2 x 7/8	A/O	T27 / T29	40-120	13300	10
125 x 22	5 x 7/8	A/O	T27 / T29	40-120	12200	10
180 x 22	7 x 7/8	A/O	T27 / T29	40-120	8500	10





Zirconium Oxide

FEATURES

- High performance zirconia alumina abrasive grain
- heavy cloth optimized for controlled wear characteristics
- Durable bond system

BENEFITS

- Best for mid/heavy duty application
- Increased life time and cut renewal
- Fast and consistent cut

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM MOS	Packing pcs/case
100 x 16	4 x 5/8	Z	T27 / T29	40-120	15300	10
115 x 22	4-1/2 x 7/8	Z	T27 / T29	40-120	13300	10
125 x 22	5 x 7/8	Z	T27 / T29	40-120	12200	10
180 x 22	7 x 7/8	Z	T27 / T29	40-120	8500	10



Ceramic Oxide

FEATURES

- Latest generation ceramic alumina abrasive grain
- New resin system for high grain retention

BENEFITS

- Very aggressive and consistent cut rate
- Maximum and long lasting performance
- High and fast stock removal
- Advanced cooling system

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	C	T27 / T29	40-120	15500	10
115 x 22	4-1/2 x 7/8	C	T27 / T29	40-120	13300	10
125 x 22	5 x 7/8	C	T27 / T29	40-120	12200	10
180 x 22	7 x 7/8	C	T27 / T29	40-120	8500	10





Silicon Carbide

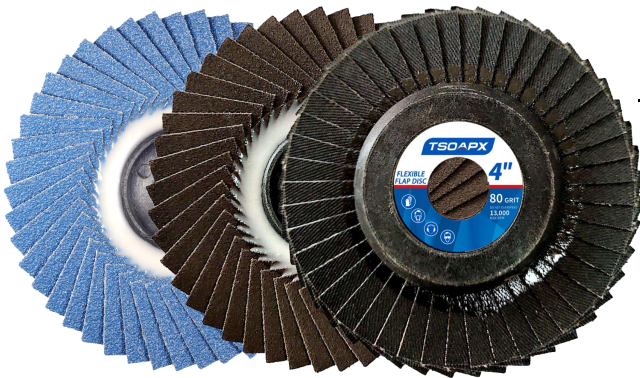
FEATURES

- High performance Silicon carbide coated material
- Specialized for use on stainless steel (INOX)
- excellent removal rates and service life at lower pressure

BENEFITS

- reduced heat generation and lower risk of glazing
- Increased life time and cut renewal
- Fast and consistent cut

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	SiC	T27 / T29	40-120	15300	10
115 x 22	4-1/2 x 7/8	SiC	T27 / T29	40-120	13300	10
125 x 22	5 x 7/8	SiC	T27 / T29	40-120	12200	10
180 x 22	7 x 7/8	SiC	T27 / T29	40-120	8500	10



Flexible Flap Disc

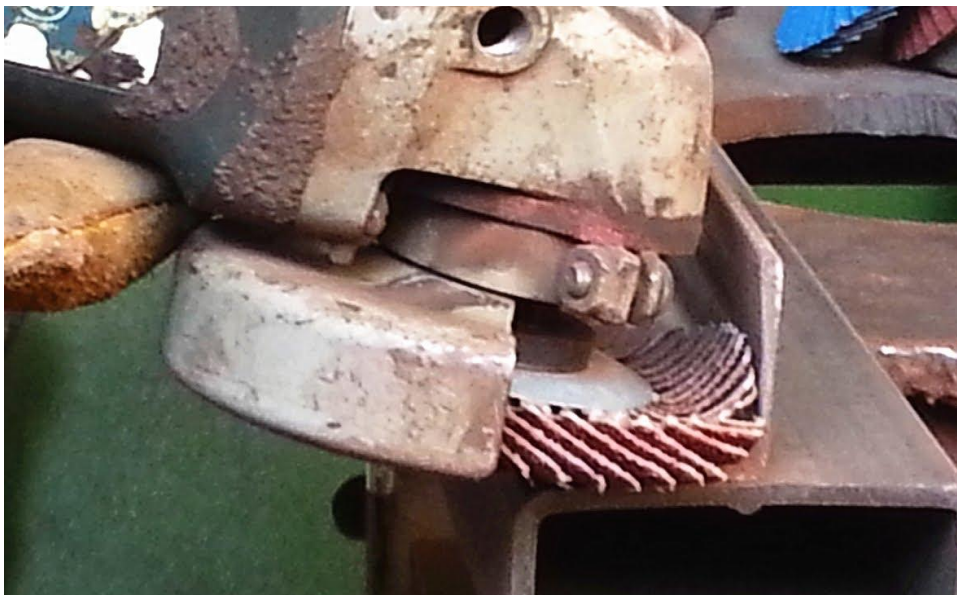
FEATURES

- Abrasive grain can be Zirconia or Aluminium Oxide
- Very flexible

BENEFITS

- Very aggressive and consistent cut rate
- Specialized for contour and edge work

DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	AO / Z	FLEXIBLE	40-120	15500	10



Felt Flap Discs

FEATURES

- Premium Wool Material
- Greater for heat dissipation during working than solid disc
- fiberglass backplane can withstand high pressure

BENEFITS

- Designed for final stage to get a high gloss or mirror finish



DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM MOS	Packing pcs/case
100 x 16	4 x 5/8	Wool	T27	Very fine	15300	10
115 x 22	4-1/2 x 7/8	Wool	T27	Very fine	13300	10
125 x 22	5 x 7/8	Wool	T27	Very fine	12200	10

Felt Discs

FEATURES

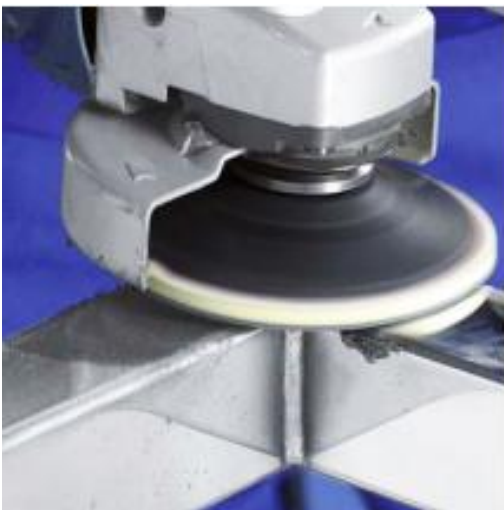
- Premium Wool Material
- Smooth and bright polishing effect

BENEFITS

- Specialized for metal derusting, glass and ceramic polishing, marble finishing
- Best used with polishing compounds to produce a high finish on surface



DIM (DIA x H) mm	DIM (DIA x H) inch	Abrasive Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	Wool	T27	Very fine	15300	10
115 x 22	4-1/2 x 7/8	Wool	T27	Very fine	13300	10
125 x 22	5 x 7/8	Wool	T27	Very fine	12200	10





Coarse

Medium

Fine

Non Woven Flap Discs

FEATURES

- Premium non-woven material open nylon webbing
- Open nylon webbing, filled with premium abrasive grains
- Yellow color-Coarse.Red color-Medium, Blue color-Fine

BENEFITS

- Perfect for grinding flat surfaces and outside edges

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	A/O	T27	Coarse/Medium/Fine	15300	10
115 x 22	4-1/2 x 7/8	A/O	T27	Coarse/Medium/Fine	13300	10
125 x 22	5 x 7/8	A/O	T27	Coarse/Medium/Fine	12200	10



PVA Sponge Discs

FEATURES

- The PVA disc is combined abrasive grain with special synthetic resin
- Cuts more freely and with less heat

BENEFITS

- PVA discs for polishing granite, marble, natural stone, ceramics, stainless steel, and even glass tile
- Ideal for use on base boards with profiled edges

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Type	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	SiC	T27	40-1200	15300	10
115 x 22	4-1/2 x 7/8	SiC	T27	40-1200	13300	10
125 x 22	5 x 7/8	SiC	T27	40-1200	12200	10



Clean And Strip Disc



FEATURES

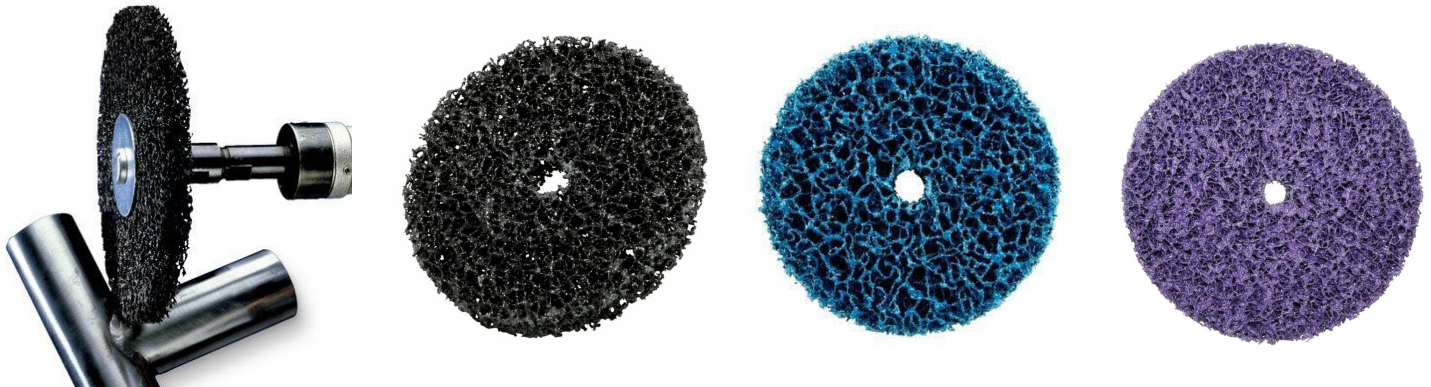
- Open web construction
- Thick, strong, synthetic fibres & extra coarse grit
- Conformable
- Long life

BENEFITS

- Fast cutting action with very little loading
- Easy cleaning of uneven surfaces
- Great choice to remove paint and under coating

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Type	Color	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	SiC	T27	Black/Blue/Purple	15300	10
115 x 22	4-1/2 x 7/8	SiC	T27	Black/Blue/Purple	13300	10
125 x 22	5 x 7/8	SiC	T27	Black/Blue/Purple	12200	10
180 x 22	7 x 7/8	SiC	T27	Black/Blue/Purple	8500	10

Clean And Strip Disc Without Cap



DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Color	Max. RPM	Packing pcs/case
100 x 13	4 x 1/2	SiC	Black/Blue/Purple	15300	10
115 x 13	4-1/2 x 1/2	SiC	Black/Blue/Purple	13300	10
125 x 13	5 x 1/2	SiC	Black/Blue/Purple	12200	10
180 x 13	7 x 1/2	SiC	Black/Blue/Purple	8500	10

QUICK CHANGE DIDSC

A Quick Change disc is a type of small grinding disc with the button on the reverse side and the button allows the disc to be changed quickly with one twist. These quick-change discs provide grinding, deburring, and blending flexibility in smaller areas with a twist-on and -off fastening system.



APPLICATIONS & MARKETS

- Grinding & blending welds
- Rust & paint removal
- Stock removal
- Cleaning & finishing
- Edge chamfering
- Deburring



Mounting Type



TYPE R



TYPE S



Aluminum Oxide

FEATURES

- Durable aluminium oxide abrasive grain
- Heavy cotton cloth

BENEFITS

- Fast initial cut rate especially on carbon steel

DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
25	1	AO	●	●	36-120	30,000	100
38	1.5	AO	●	●	36-120	30,000	100
50	2	AO	●	●	36-120	22,000	50
75	3	AO	●	●	36-120	22,000	50

Zirconia Oxide

FEATURES

- Premium self-sharpening grain
- Speedlok fixing system

BENEFITS

- Fast cutting capacity & high stock removal
- Easy and quick to change
- Ideal for working on small, difficult to access area



DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
25	1	Z	●	●	36-120	30,000	100
38	1.5	Z	●	●	36-120	30,000	100
50	2	Z	●	●	36-120	22,000	50
75	3	Z	●	●	36-120	22,000	50



Ceramic Oxide

FEATURES

- New generation ceramic grain
- Self lubricating, advanced supersize treatment
- Improved resin system
- Heaviest fibre backing

BENEFITS

- Significant cut rate and life over competitive blended/low-ratio ceramic alumina disc
- Greater durability & Longest life & edge-fray resistance

DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
25	1	C	●	●	36-120	30,000	100
38	1.5	C	●	●	36-120	30,000	100
50	2	C	●	●	36-120	22,000	50
75	3	C	●	●	36-120	22,000	50

Nylon Strip Disc



Coarse



Medium



Fine

DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
25	1	AO	●	●	Coarse/Medium/Fine	30,000	100
38	1.5	AO	●	●	Coarse/Medium/Fine	30,000	100
50	2	AO	●	●	Coarse/Medium/Fine	22,000	50
75	3	AO	●	●	Coarse/Medium/Fine	22,000	50



APPLICATION:

- These surface conditioning discs deburring and surface prep, coating removal, cleaning weld splatter, removing heat discoloration, blending and finishing, rust removal, etc.
- This multitasking sanding function enables the disc to be used on an everyday basis for both simple and hardest sanding tasks.

Quick Change Strip Disc



DIA mm	DIA inch	Grain	Mounting type		Color	Max. RPM	Packing pcs/case
			R	S			
38	1.5	SiC	●	○	Black/Blue/Purple	30,000	100
50	2	SiC	●	○	Black/Blue/Purple	22,000	50
75	3	SiC	●	○	Black/Blue/Purple	22,000	50



Quick Change Disc Holder



FEATURES

- One-step injection molding
- Nickel plated material
- Light Weight
- High Concentricity

BENEFITS

- High-speed (45000 RPM)
- Small vibration can reduce work intensity

DIA mm	DIA inch	Color	Mounting type		Material	Max. RPM	Packing pcs/case
			R	S			
38	1.5	Black	●	●	Rubber&Metal	30,000	50
50	2	Black	●	●	Rubber&Metal	22,000	25
75	3	Black	●	●	Rubber&Metal	22,000	25



Ceramic Mini Flap Disc

FEATURES

- 100% Premium ceramic abrasive
- Supersize grinding aid
- Speed-lok quick change system

BENEFITS

- High stock removal, even at medium pressure
- Fast cutting capacity and Long life
- Lightweight and absorbs vibration

DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
50	2	C	●	○	36-120	22,000	25
75	3	C	●	○	36-120	18,000	25



Zirconia Mini Flap Disc

FEATURES

- Premium zirconia grain cloth
- Semi-openkote
- Available grit range 40-120

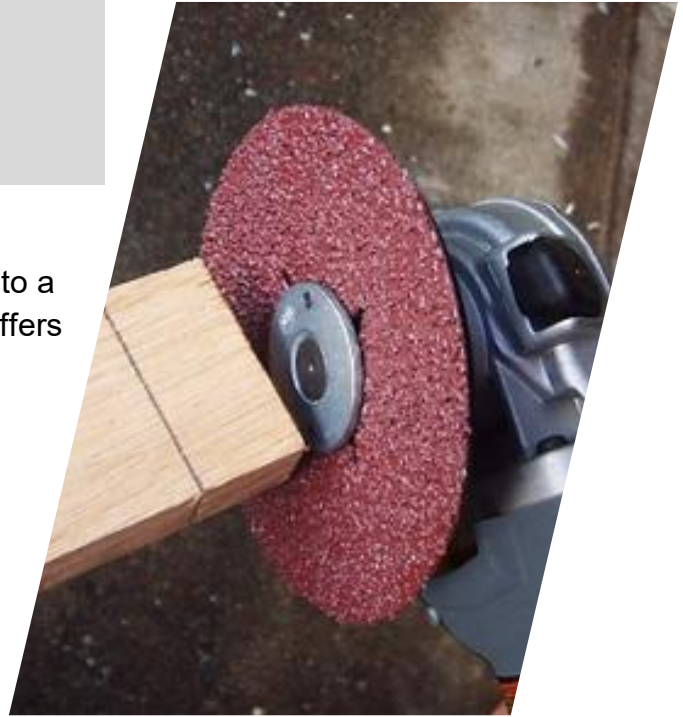
BENEFITS

- High stock removal & Fast cutting capacity
- Long life
- Retards loading on aluminium
- Blending and finishing

DIA mm	DIA inch	Grain	Mounting type		Grits	Max. RPM	Packing pcs/case
			R	S			
50	2	Z	●	○	36-120	22,000	25
75	3	Z	●	○	36-120	18,000	25

FIBER DISCS

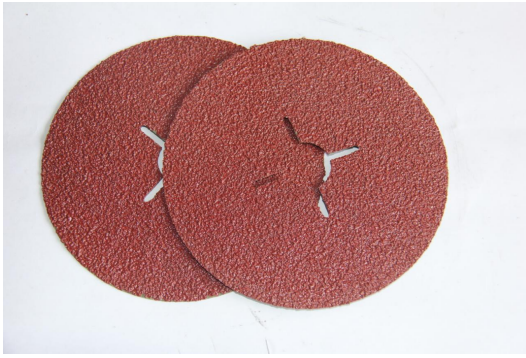
A fiber disc is a single layer coated abrasive applied to a vulcanized fiber backing. United Abrasives/Tsoapx offers a complete line of fiber discs, from general purpose economical choices to those that contain top-quality grinding aids to reduce heat discoloration on stainless steel and reduce loading on high load applications (like aluminum).



APPLICATIONS & MARKETS

- Grinding & blending welds
- Rust & wood removal
- Stock removal
- Cleaning & finishing
- Edge chamfering
- Deburring





Aluminum Oxide

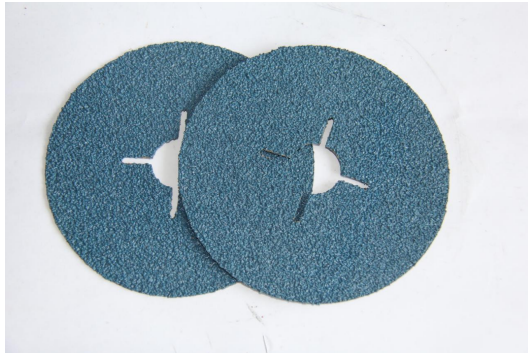
FEATURES

- Tough versatile aluminium oxide abrasive grain
- 0.8mm fibre backing
- Grinding additives

BENEFITS

- Versatile product. Ideal for steel and metal alloys
- Ideal for general purpose application
- Good performance on steel

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	A/O	60-1200	15300	100
115 x 22	4-1/2 x 7/8	A/O	60-1200	13300	100
125 x 22	5 x 7/8	A/O	60-1200	12200	100
180 x 22	7 x 7/8	A/O	60-1200	8500	100



Zirconia Oxide

FEATURES

- Zirconia abrasive grain
- 0.8mm fibre backing

BENEFITS

- blending, edge breaking & weld
- Excellent price-performance ratio
- Good for high metal removal in a short time

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	Z	24-120	15300	100
115 x 22	4-1/2 x 7/8	Z	24-120	13300	100
125 x 22	5 x 7/8	Z	24-120	12200	100
180 x 22	7 x 7/8	Z	24-120	8500	100





Ceramic Oxide

FEATURES

- New SG ceramic abrasive
- Supersize grinding aid
- Improved resin bond system
- 0.84/0.8mm improved fiber backing

BENEFITS

- High material removal even at low pressure
- Excellent performance
- Minimises heat, loading and glazing on stainless, titanium and super alloys

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Grits	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	C	24-120	15300	100
115 x 22	4-1/2 x 7/8	C	24-120	13300	100
125 x 22	5 x 7/8	C	24-120	12200	100
180 x 22	7 x 7/8	C	24-120	8500	100



Fiber Disc Backing Pad

FEATURES

- Flexible enough to allow the disc to respond to material
- Strong polypropylene pad

BENEFITS

- Use with a resin fibre sanding disc on an angle grinder

DIM (DIA x H) mm	DIM (DIA x H) inch	Max. RPM	Packing pcs/case
100 x 16	4 x 5/8	15300	10
115 x 22	4-1/2 x 7/8	13300	10
125 x 22	5 x 7/8	12200	10
180 x 22	7 x 7/8	8500	10

SANDING DISCS

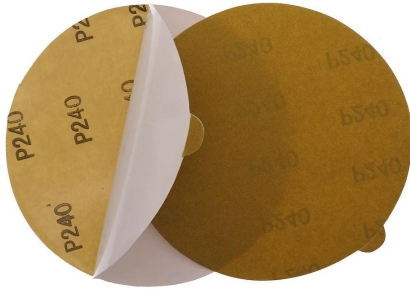
We offers a number of standard hole configuration discs in a variety of abrasives types for all applications found in the bodyshop from heavy sanding to fine finishing We offer a wide range product from Economic to premium , products can be used for common application, automotive aftermarket and also for industry application.



APPLICATIONS & MARKETS

- Wood furniture making
- Auto body and paint shops
- Dry & wet sanding
- Car polishing
- Metal sanding
- Household





PSA Discs

FEATURES

- Grain: Semi-friable Aluminum Oxide
- Bonding: Resin over Resin
- Backing : C -weight paper

BENEFITS

- Application : auto body and paint shops, wood furniture making, metal sanding, crafting, household, drywall, industrial, fiberglass, plastics.

DIM (DIA x H)	DIM (DIA x H)	Grain	Grits	Packing
mm	inch			pcs/case
125	5	A/O	60-1200	100
150	6	A/O	60-1200	100



Economic Velcro Disc

FEATURES

- Grain: Aluminum Oxide
- Bonding: Resin over Resin
- Backing : C -weight paper

BENEFITS

- Application: wood, plastic, rubber and metal

DIM (DIA x H)	DIM (DIA x H)	Grain	Grits	Packing
mm	inch			pcs/case
125	5	A/O	60-800	100
150	6	A/O	60-800	100



Gold Velcro Disc

FEATURES

- Grain: Semi-friable Aluminum Oxide
- Bonding: Resin over Resin
- Backing : C -weight paper

BENEFITS

- Application : auto body and paint shops, wood furniture making, metal sanding, crafting, household, drywall, industrial, fiberglass, plastics.

DIM (DIA x H)	DIM (DIA x H)	Grain	Grits	Packing
mm	inch			pcs/case
125	5	A/O	60 - 1200	100
150	6	A/O	60 - 1200	100



Pro Green Velcro disc

FEATURES

- Grain: Aluminum Oxide/Zirconia
- Bonding: Resin over Resin
- Backing: Flexible film backing

BENEFITS

- Application: auto body and paint shops, wood furniture making, metal sanding, crafting, household, drywall, industrial, fiberglass, plastics.
- Excellent for dry & wet sanding and high performance cutting without clogging.

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Grits	Packing pcs/case
125	5	A/O & Z	60-2000	100
150	6	A/O & Z	60-2000	100



Gold Velcro Disc

FEATURES

- Grain: Ceramic/Aluminum Oxide
- Bonding: Resin over Resin
- Backing :Flexible film backing

BENEFITS

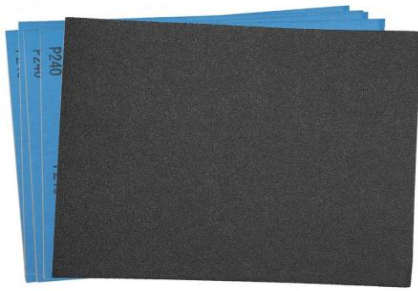
- Application: various industries like automotive, transportation, mining, shipbuilding, foundries, construction, welding, fabrication, petrochemical, etc.

DIM (DIA x H) mm	DIM (DIA x H) inch	Grain	Grits	Packing pcs/case
125	5	A/O	60-800	100
150	6	A/O	60-800	100



APPLICATIONS & MARKETS

- Metal sanding
- Bare wood sanding
- Sanding between coats
- Scouring & light deburring
- Edge chamfering
- Scale & rust removal



WATERPROOF SHEETS

FEATURES

- Premium, ultra fine silicon carbide abrasive
- Advanced resin bond system
- Advanced paper backing

BENEFITS

- Best finish on wet clear-coat
- Waterproof
- Ultimate flexibility

DIM (Length x H) mm	DIM (Length x H) inch	Grain	Grits	Paper backing	Packing pcs/case
230*280	9x11 inch	SC	60-2000	C-Weight	100



SANDING SHEETS

FEATURES

- Aluminium oxide grain
- Advanced paper backing

BENEFITS

- Long lasting, fast cut rate
- Tear resistant
- Resists loading & extends life

DIM (Length x H) mm	DIM (Length x H) inch	Grain	Grits	Paper backing	Packing pcs/case
230*280	9x11 inch	AO	60-2000	C-Weight	100



SANDING SHEETS

FEATURES

- Premium, aluminium oxide grain
- Advanced paper backing

BENEFITS

- Long lasting, fast cut rate
- Tear resistant
- Resists loading & extends life

DIM (Length x H) mm	DIM (Length x H) inch	Grain	Grits	Paper backing	Packing pcs/case
230*280	9x11 inch	AO	60-2000	C-Weight	100

HAND PADS

The webbed structure is most often made up of nylon or another synthetic fiber, which are embedded with abrasive grains. Rather than weave the fibers together, they are bonded using synthetic resins. This is how they get their “non-woven” abrasive name.



APPLICATIONS & MARKETS

- Grinding & blending welds
- Rust & wood removal
- Stock removal
- Cleaning & finishing
- Edge chamfering
- Deburring





HAND PADS

FEATURES

- Aluminum oxide (A/O) or silicon carbide grain (SC)
- Open mesh construction
- Flexible
- Waterproof
- Available in pads, rolls and discs

BENEFITS

- Does not cut through undercoat/ paint layer
- Shapes itself to surface contours
- Excellent finish and long life

DIM (Length x H) mm	DIM (Length x H) inch	Grain	Grits	Packing pcs/case
150*230	6x9 inch	SC A/O	Coarse,Medium,Fine, Ultra	400