

CUMI

MAKING MATERIALS MATTER

PRODUCT CATALOGUE



ABRASIVES

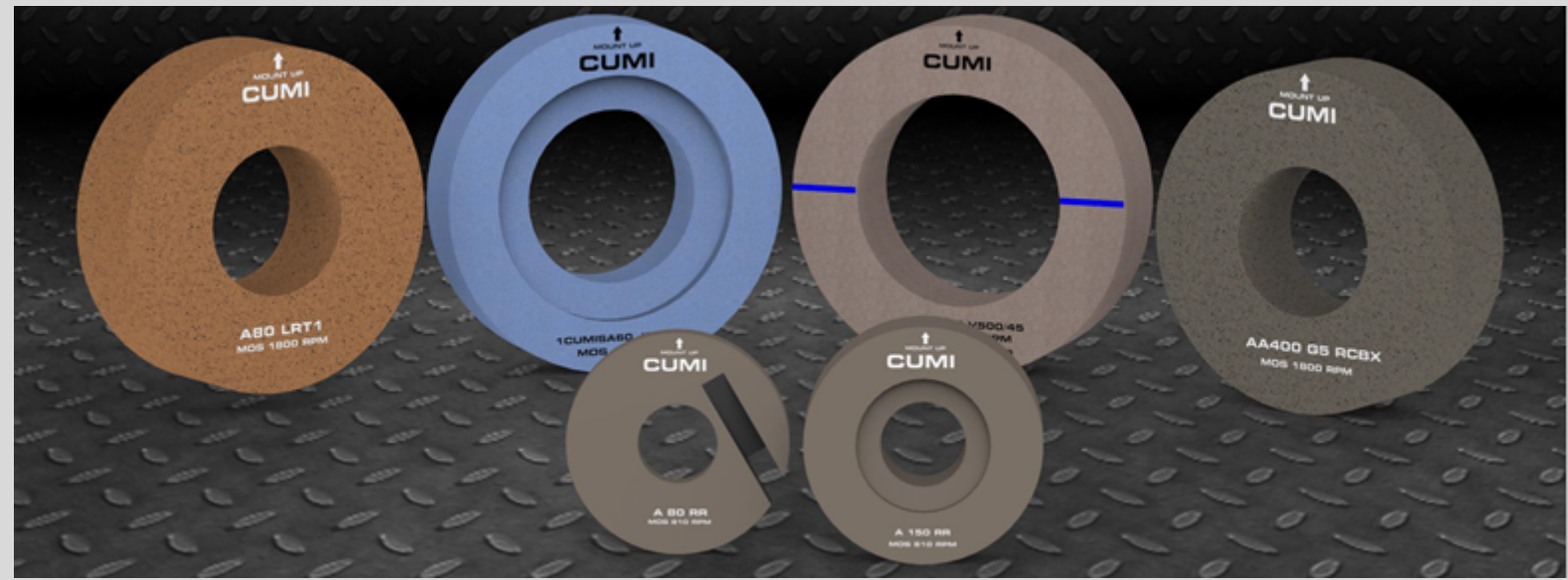
CARBORUNDUM UNIVERSAL LIMITED

CUMI

BONDED ABRASIVES

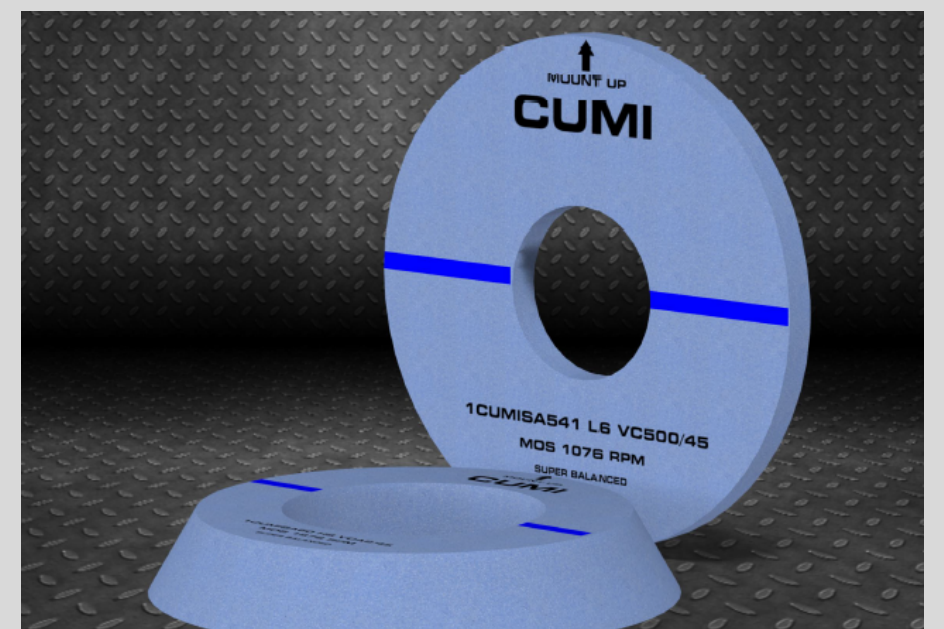
CENTERLESS GRINDING WHEELS

- Unique set of combination wheels for higher stock removal, good surface roughness and higher productivity
- Unique grain combination for specific application
- Cork bond for superior surface roughness & lustre
- Wide range of bond system to customize individual grinding needs



CYLINDRICAL GRINDING WHEELS

- Best choice of abrasive grain wheels for higher stock removal, higher productivity and form retention
- Customizes sketches for every customer requirement
- Wide range of bond system to customize individual grinding needs



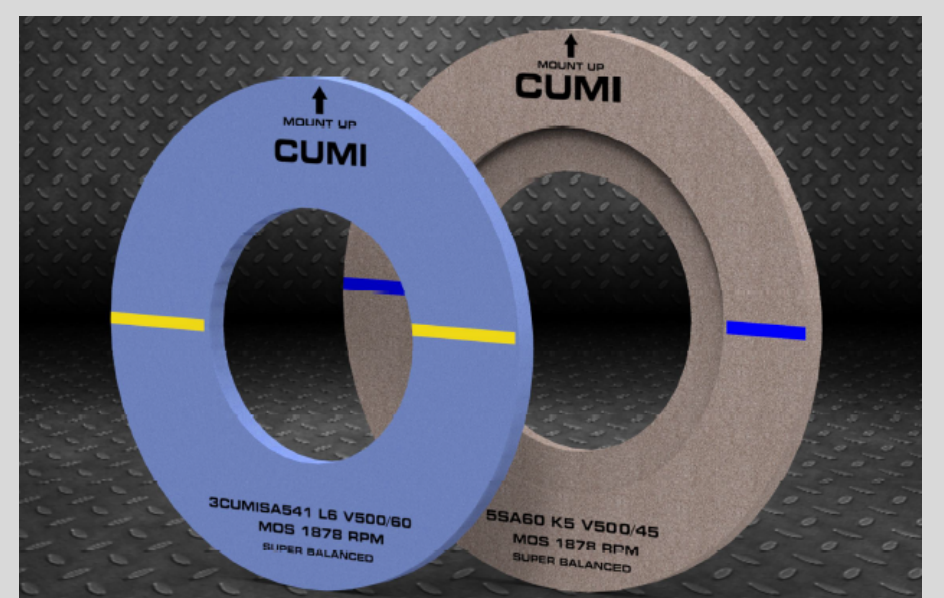
CRANKSHAFT GRINDING WHEELS

- Sharp & friable aluminium oxide grains
- Low temperature fired fusible vitrified bond system
- Uniform density and hardness across wheel diameter
- Perfectly balanced
- Sandwich option for higher feed rates & improved form holding



CAMSHAFT GRINDING WHEELS

- Sharp & friable Aluminium Oxide grains
- Vitrified Krystal bond system(V500)
- Uniform density and hardness across wheel diameter
- Perfectly balanced



F TYPE GRINDING WHEELS (DOUBLE DISC)

- Wide range of bonds including phenolic, magnesite and polyester
- Huge variety of high performance products using Aluminium oxide, Silicon carbide, micro-crystalline and mono crystalline grains
- Engineered design modifications comprising honey comb, slots, dual grade



BONDED ABRASIVES

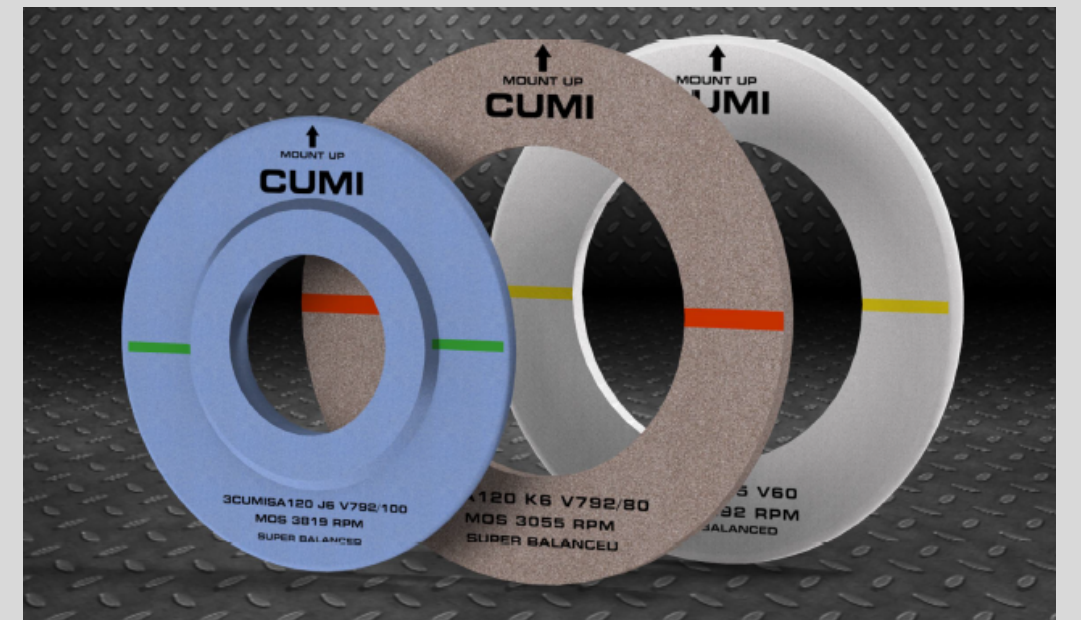
BORE GRINDING WHEELS

- Sharp aluminium oxide grains for excellent cutting action
- Krystal bond for form holding(V500)
- Available in various shapes



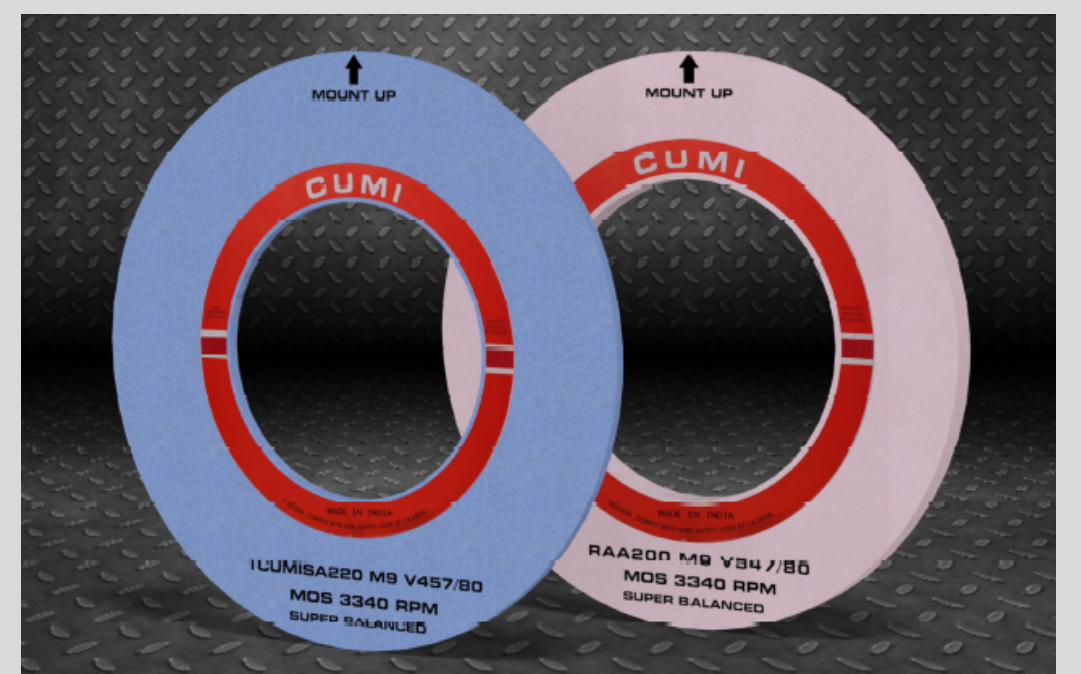
IR TRACK GRINDING WHEELS

- Sharp crystal aluminium oxide grains
- Krystal bond for form holding & Safety
- Customized profiling as per requirement



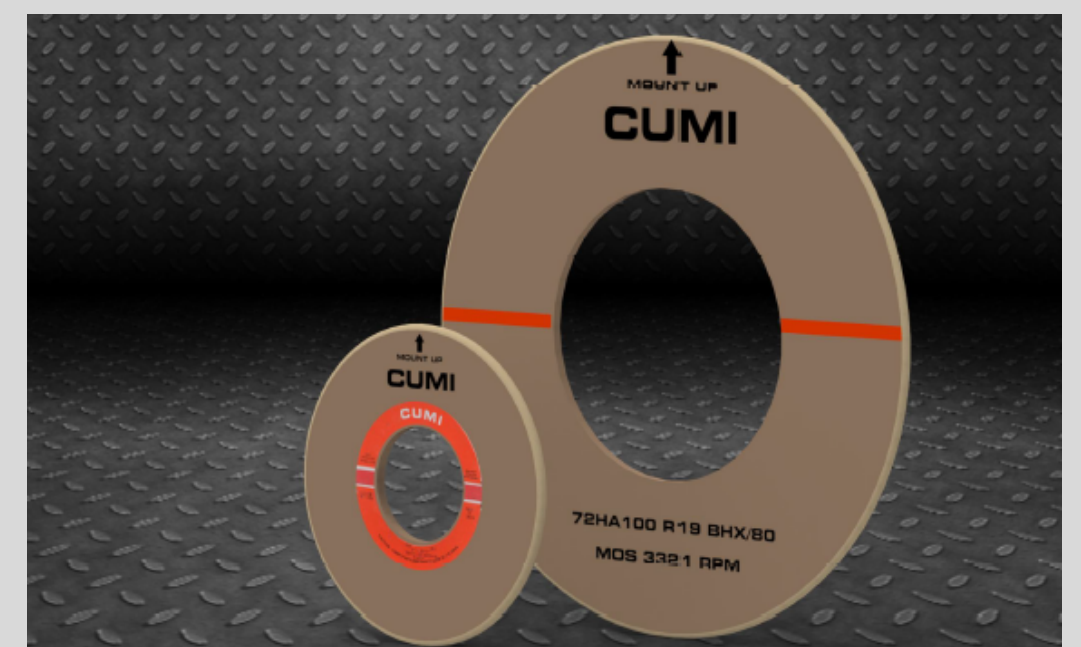
THREAD GRINDING WHEELS

- Hi performance hard, sharp & friable Aluminium Oxide abrasive blend
- Fusible, glassy crystalline bond for improved form holding
- Special manufacturing process for uniform hardness across diameter



FLUTE GRINDING WHEELS

- Special phenolic resin
- Specially treated aluminium oxide grains for higher depth of cut
- Micro crystalline grain for lesser dressing frequency
- Unique manufacturing process for high density packing



TOOL ROOM GRINDING WHEELS

- Right choice of abrasive grain for specific materials
- Unique bond system for cool grinding and wheel form retention



BONDED ABRASIVES

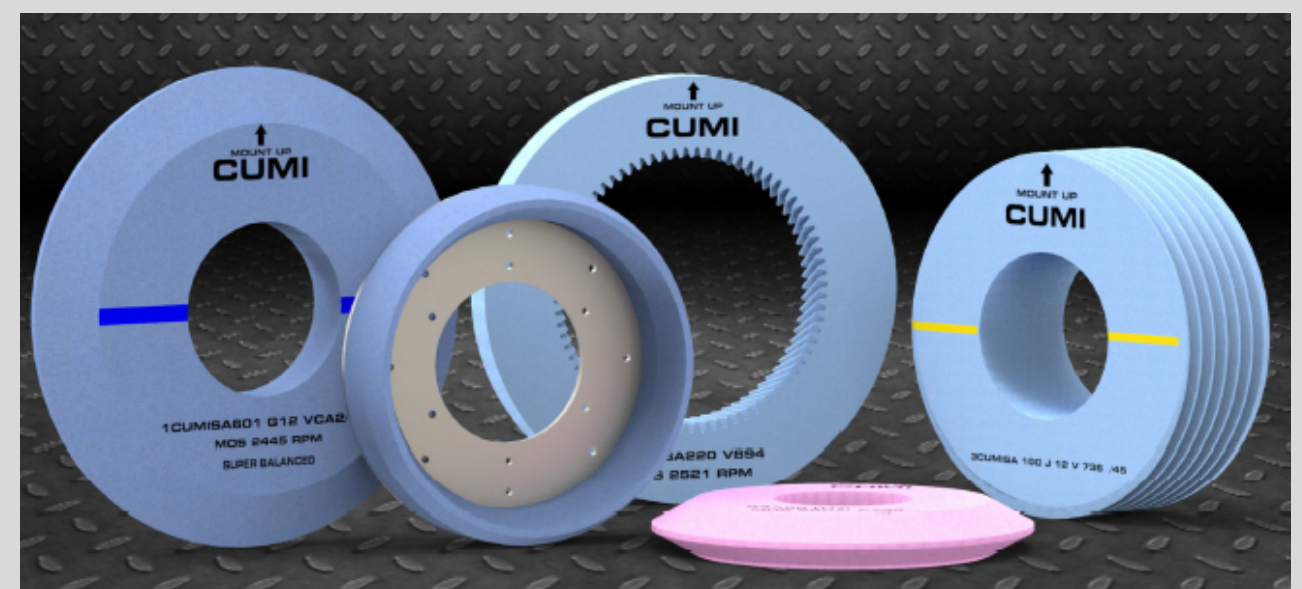
CREEPFEED GRINDING WHEELS

- Free cutting abrasives
- Fusible, glassy bond for improved form holding
- Uniform large open pores for coolant flooding
- Advanced moulding technique for uniform mass distribution
- Low temperature processing to retain abrasive hardness



GEAR GRINDING WHEELS

- High performance Sharp, Microcrystalline abrasive blended with friable abrasives
- Fusible, glassy crystalline bond for improved form holding
- Special filling, pressing and sintering process for uniform hardness across width
- High precision CNC profiling of wheel and inspection



ROLL GRINDING WHEELS

- Hi performance Microcrystalline abrasive blended with Silicon Carbide grains
- Special phenolic resins for high wear resistance
- Modular manufacturing facility
- Controlled curing process



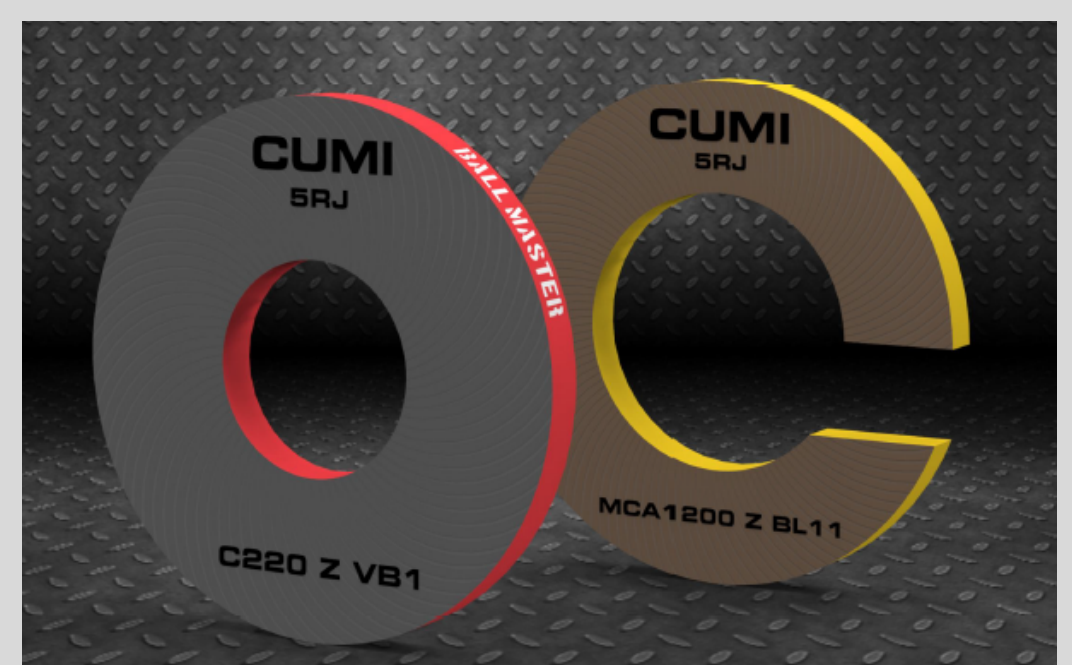
BALL GRINDING AND LAPPING WHEELS

BALL GRINDING

- Conditioned and specially treated raw materials
- Unique bond system for defect free surface
- Specially controlled process for ensuring consistency (layer to layer & wheel to wheel)

BALL LAPPING

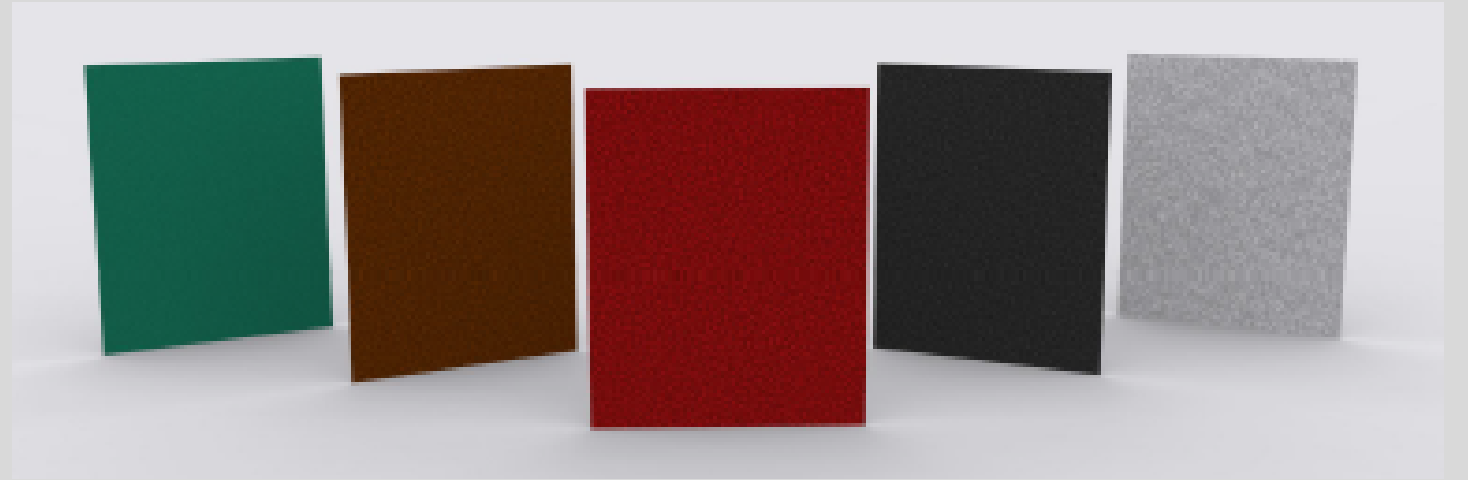
- Closely graded aluminium oxide grain for superior surface quality
- Unique inside out hot press technology for ensuring consistency
- Modified resins to achieve high material removal rate and low wheel wear



COATED ABRASIVES

SHEETS

- Fast cut rate
- Superior life
- Smooth finish
- Latex option for increased flexibility
- Stearate option for reduced loading



ROLLS

- Increased durability
- Adheres to contour sanding
- Good tearable properties
- Highly flexible products for special applications



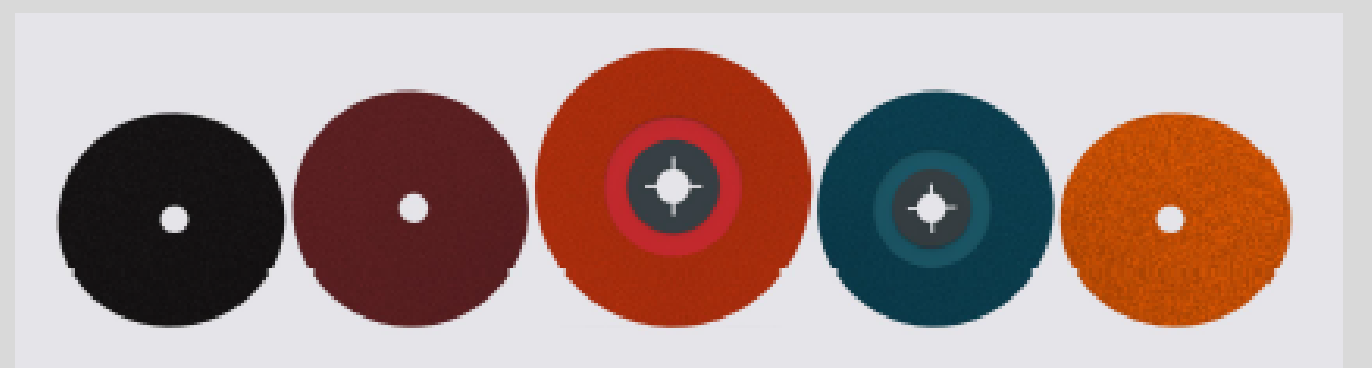
BELTS

- Wide range of backing from highly flexible to most sturdy
- Premium grains for enhanced performance
- Closely graded grains
- Modified bonds for improved grain retention
- Optional supersize coat for cooler cutting action



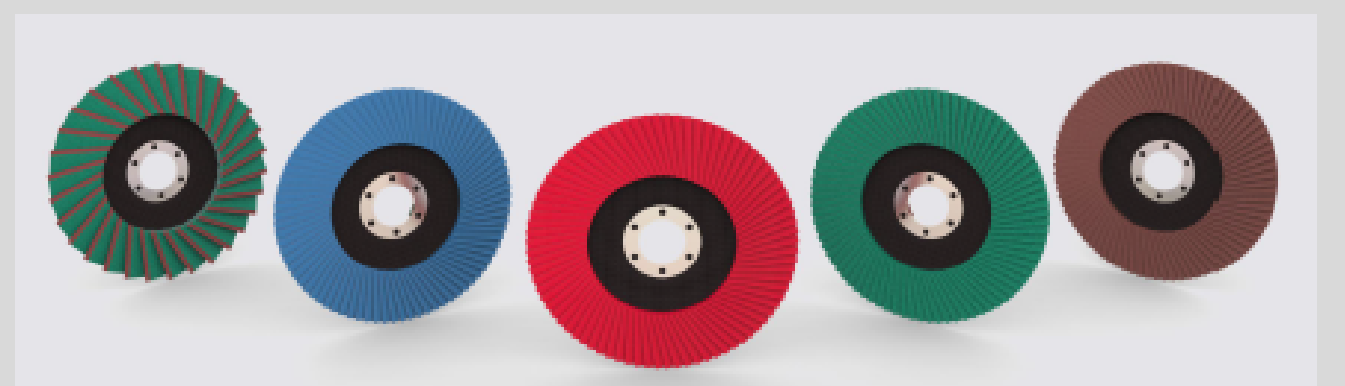
FIBER DISCS

- Special treated grains for maximum cut rate
- Imported vulcanized fiber for high strength
- High performance bond for longer life
- Active fillers for increased performance



FLAP DISCS

Cumiflex range of flap discs are manufactured with specially designed abrasive cloth exclusively for flap discs. The abrasive materials are chosen depending on the end application, thereby yielding maximum performance and longer life.

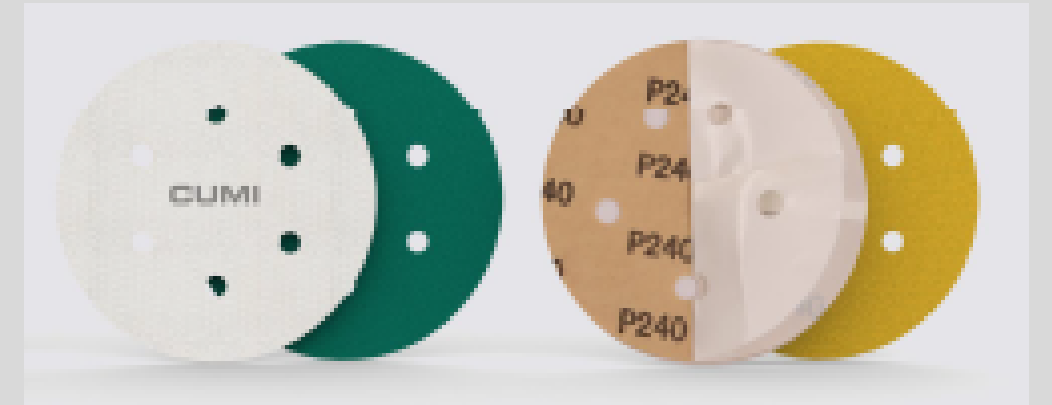


COATED ABRASIVES

DISCS

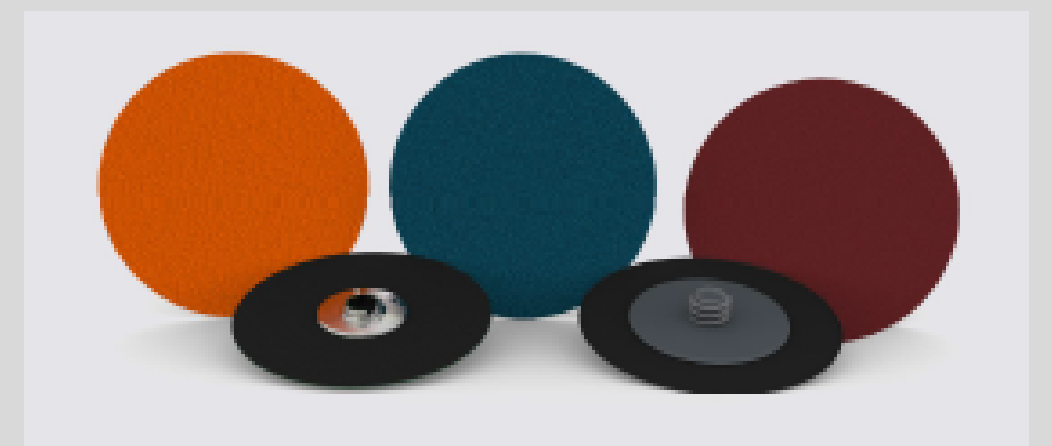
PSA/ HOOK 'N LOOP DISCS

- Closely graded aluminium oxide grain for superior surface quality
- Unique inside out hot press technology for ensuring consistency
- Modified resins to achieve high material removal rate and low wheel wear



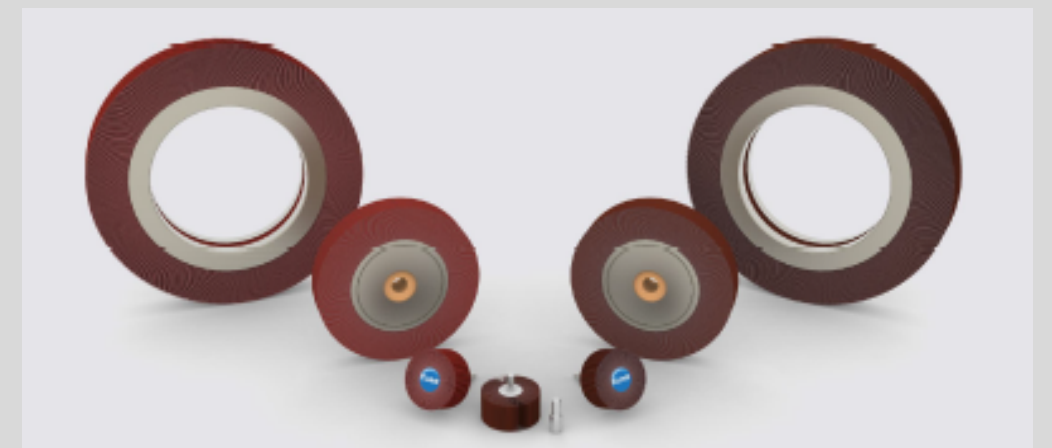
QUICK CHANGE DISCS

Cumi's range of quick change discs are the ideal choice for operations ranging from grinding to finishing. Due to its quick change system, these discs have gained more popularity increasing productivity and reducing change over time drastically. Quick change discs are available in two types of fastener attachments



FLAP WHEEL

- Premium grains for faster cutting action
- Special cloth treatment for excellent wear properties
- Active fillers for burn free operation
- Specific products for specific applications
- Customizable sizes based on requirement



CUTTING & GRINDING WHEELS

Cutting & grinding wheels comprises of abrasive grains held together by resin bonds and are reinforced by glass fibers. Ranging from 1 mm to 9 mm thickness, they are extensively used in various industries like construction, fabrication, foundries shipyards, aerospace and automotive.

- Optimized for longer life and faster cut rate
- Superior grain-bond combination that prevents glazing and loading problems



NON WOVEN ABRASIVES

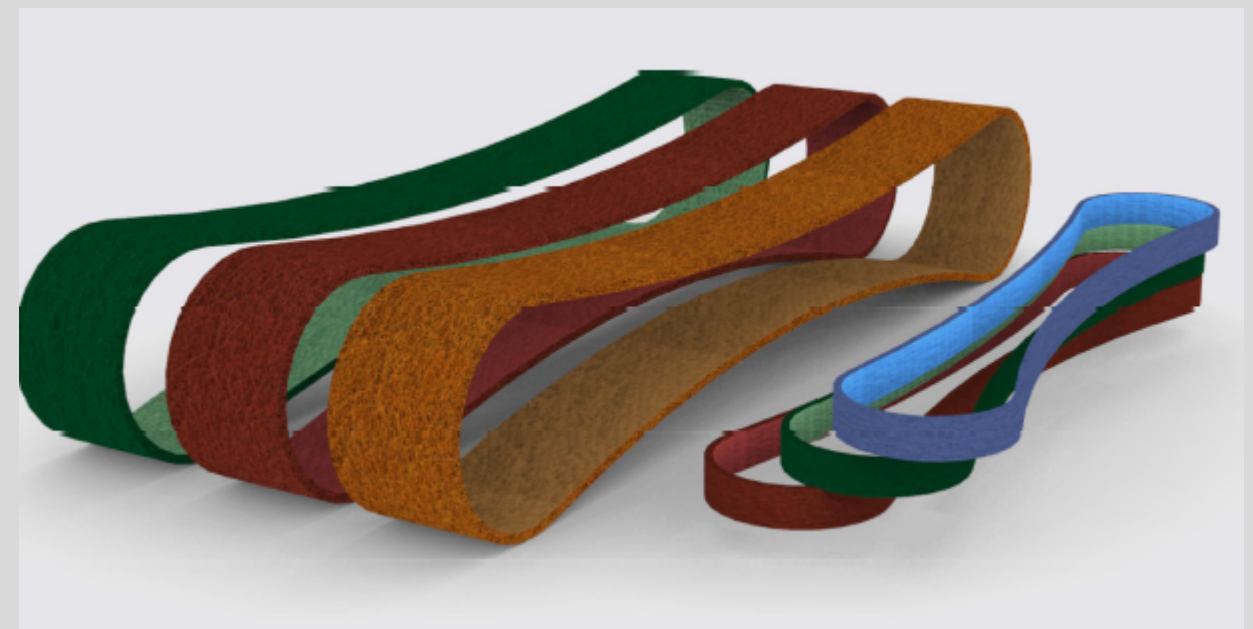
FLAT STOCK (HAND PADS & ROLLS)

- Cumitex flat stock is made for free sanding and machine sanding operations.
- Made from premium quality nylon web, coated with high performance synthetic abrasive grains and water proof resin bond system, these products do not load/clog and can be used with water and polishing compounds.
- Cumitex range of flat stock are ideal for cleaning, rust removal, generating decorative finishes on brass, carbon steel, aluminium, stainless steel and wood.



SCM BELTS

- Cumitex SCM Belts are made out of a strong non-woven structure to produce aggressive & consistent cutting action
- SCM Belts are waterproof, solvent resistant & can be used with lubricants
- They are Ideal for weld blending, light deburring & removal of surface imperfections



WHEELS

- Cumitex range of unitized, polishing & convolute wheels are an ideal choice for applications demanding surface finish
- Made by compressing layers of non woven abrasive materials, these wheels are the perfect choice for mild stock removal, deburring, blending, cleaning, finishing and polishing applications



DISCS

- Unitized wheels fitted with back- up pads suitable for use in angle grinders
- Perfect for blending scratch lines created by coated abrasive flap discs and fiber discs
- Ideal product for Blend and Polish applications on Brass, Copper and Carbon steel



FLOOR PADS

- Made from high strength non woven abrasive web; for cleaning and maintenance of a variety of floors
- Runs at 175 to 350 rpm
- Can be used along with alkaline cleaner solutions
- Color coded for easy identification

