



A NORTH AMERICAN COMPANY



# RESIN FIBRE DISCS

Gemtex Resin Fibre Discs are manufactured utilizing a multilayer, heavy duty vulcanized fibre as backing which is coated with a resin bond coat specially designed to resist loading, glazing and grain stripping. This bond coat is then covered with abrasive grain formulated for toughness and sharpness. Gemtex® offers private label branding on standard specifications as well as custom formulas to meet specific application requirements.

- Ultimate grinding performance with 100% SG Ceramic Grain with top coat (grinding and cooling aid).
- Long lasting life on stainless steel, and all high tensile alloys
  - Meets maximum productivity at reduced cost

**PMD SUPREME DISCS:**  
100% CERAMIC WITH TOP COAT

**PMD**  
supreme



The new Ceramic Ultra-X is manufactured with a high quality grain that has a much finer crystalline structure. Such a unique mineral fracture provides the abrasive product with a longer life, and more aggressive grains with an improved self-sharpening effect. Significant performance advantages include a higher metal removal rate at faster cutting speeds with a lower grinding temperature and less friction. All of which correlate to shorter cycle times and less disc changes, resulting in reduced cost per part and an excellent cost/performance ratio.

**CERAMIC ULTRA-X:**  
100% CERAMIC WITH TOP COAT

**Ceramic Ultra-X**



Premium Metal Discs developed as an economical alternative to a pure ceramic disc for use on stainless steel and other high tensile alloys. Provides higher cut rates and cooler grinding temperatures. Heat treated blue fired ceramically coated aluminum oxide and ceramic grain with custom blended grinding aid.

- Anti-glazing, anti-loading, grinding

**PMD-PREMIUM METAL DISCS:**  
CERAMIC/ALUMINUM OXIDE Blend

**PMD**



Latest innovative Resin Fibre Disc with advanced technology for superior grinding applications.

- GEM SUPREME: Unique blend of SG Ceramic and Zirconia grain
- This is an advanced Resin Fibre Disc for light to heavy pressure grinding requirements
- Wide range of metals grinding and finishing applications including Aerospace Industry
- Provides optimum value

**GEM SUPREME DISCS:**  
CERAMIC / ZIRCONIA BLEND

**GEM**  
supreme



Provides ultimate grinding performance on stainless steel applications.

- It provides ultimate cost effectiveness when used in high production applications
  - Cool grinding action reduces glazing and loading
  - Very high stock removal
- \* Zee Supreme represents ultimate grinding performance in a premium Zirconia resin fibre disc. The extremely hard Zirconia abrasive alloy sharpens itself in use, delivering outstanding cutting rates and maximum useful life. The advanced bond extends disc life by minimizing grain shedding, while promoting a cool grinding action which reduces glazing and loading

**ZEE SUPREME DISCS:**  
100% ZIRCONIA WITH TOP COAT

**ZEE**  
supreme



Soft Metal Discs designed for use on soft metals like bronze, brass and aluminum. These discs disperse their own lubrication as the disc grinds, delaying heat build up of the metal work piece. Lower work surface temperature means melting is delayed, allowing the disc to cut and last longer than regular discs. The protected disc acts as an open coat, shedding any buildup of debris.

- Reduces disc waste and costly changeover time
- Low pressure required for optimum performance

**SMD-SOFT METAL DISCS:**  
ALUMINUM OXIDE SMD TYPE / (RED)

**smd**  
SOFT METAL DISC





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# RESIN FIBRE DISCS



**Octagonal:** An eight sided disc provides better view of work surface while grinding.

“Zee” Type economy zirconia disc is the most cost- effective choice when grinding stainless and other high tensile alloys

- Provides ultimate cost effectiveness when used in high production applications
- \* 5% higher cost than aluminum oxide with 25% higher performance

**ZIRCONIA DISCS: ZEE TYPE / (BLUE)**



Silicon Carbide is designed for fiberglass, plastic, stone, terrazzo, ceramic and non-ferrous metal grinding applications

- Premium Silicon Carbide, with its sharp grain characteristics, provides fast cutting action on all grinding and sanding applications

**SILICON CARBIDE DISCS:  
S TYPE / HEAVY DUTY (BLACK)**



“A” Type represents superior grinding performance in a premium aluminum oxide resin fibre resin. A blend of advanced abrasive alloys and bonding agents deliver superior cutting rates and longer useful life.

“A” Type provides optimal value when used in high stock removal applications and where a cool cutting action is required.

**PREMIUM ALUMINUM OXIDE DISCS:  
A TYPE / HEAVY DUTY (MAROON)**



“C” Type Aluminum Oxide Resin Fibre discs provide overall economy and good performance in an all-purpose disc. Contains no halogen producing grinding additives.

“C” Type has been designed to excel in a wide variety of applications providing both cost effective stock removal and a safer working environment.

**ALUMINUM OXIDE DISCS:  
C TYPE / HEAVY DUTY (RED)**



## SPINLOCK

The 5/8"-11 threaded lock allows the disc to spin on and off the spindle without a locking nut or wrench. The 5/8"-11 arbor can be applied to any disc with a 7/8" arbor hole



## QUICKLOCK: “Spinner”

The 5/8"-11 Type “S” threaded lock, on the backside of the disc, allows flat grinding and eliminates the possibility of scratching the work piece. The threaded lock allows the disc to spin on and off the spindle without a locking nut or wrench. Can be applied to any disc with 7/8" arbor hole.

