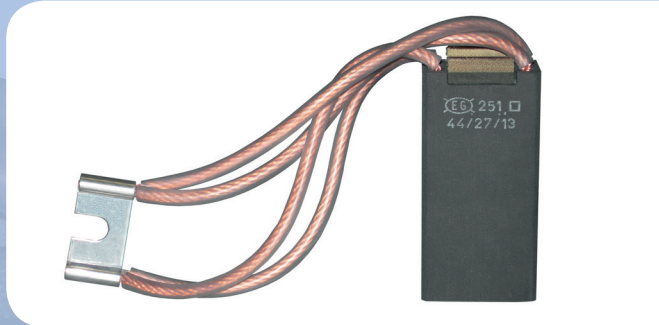


Advanced Electrical Materials For Industrial Applications



Rev I. 2020



Carbon Brushes and Carbon Contacts

Morgan Advanced Materials manufacture carbon brushes for the complete range of industrial, traction, power generation, fractional horsepower and battery vehicle application. We are the only source for the trusted Morganite and National electrical carbon materials. Morgan supply carbon brushes in natural graphite, electrographite, metal graphite, metal impregnated graphite and resin bonded materials.



Brush Holders

Morgan Advanced Materials supply a wide range of brush holders for slipping, commutator and earthing applications. These are widely used across in industrial, transportation and power generation applications including the wind power sector. The range spans from simple caliper holder designs for industrial sliprings to die cast units for heavy duty applications. A bespoke design service is available to meet specific customer requirements.



Linear Power Transmission

Morgan Advanced Materials offers complete current collector systems incorporating carbon brushes, carbon sliding strips and associated carrier profiles in plastic or metal. We also provide customised solutions to cater for individual applications.



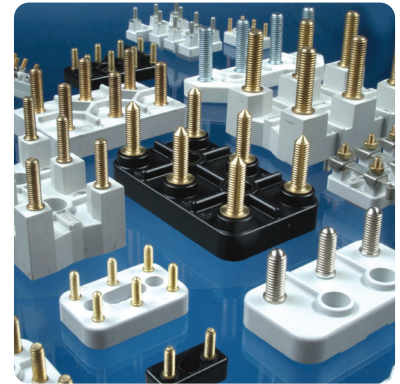
Slip Rings

Morgan Advanced Materials can supply slip rings and commutators for industrial and traction applications. We supply both built up and moulded slip rings in a wide range of sizes and designs, from 1- 8 rings, 24mm-500mm O/D, 550V AC/600V DC, high mechanical and thermal resistance and with excellent dielectric properties. We also offer a repair and refurbishment service.

Terminal Blocks

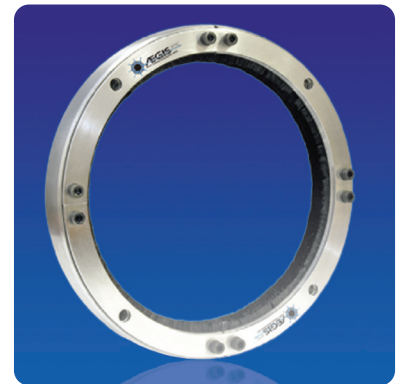
Terminal blocks suited to a wide variety of applications including AC/DC motors and conductive jumpers in different dimensions and bolt sizes (M3-M16, rated voltage from 440 to 2000 V).

Over 200 standard designs including explosion-proof and UL rated materials. Lead sizes from 2.5mm² to 25mm²



Aegis SGR™ Shaft Current Grounding System

The Aegis SGR™ shaft current grounding system is used for diverting damaging shaft currents on frequency-controlled machines, thus protecting bearings and other sensitive components. Morgan Advanced Materials has exclusive rights to distribute the Aegis SGR™ shaft current grounding system throughout Europe.



Measuring Equipment and Accessories

For maintenance and inspection Morgan Advanced Materials supply a range of inspection devices for use with rotating electrical machines: Commutator and Slipring Profiler for measuring concentricity, stroboscope and digital spring pressure measurement.

As the European sales partner of the American tool manufacturer Martindale, Morgan also offer an extensive range of products for commutator and motor maintenance.



Martindale

We offer the Martindale product range for your maintenance needs including

- Abrasives
- Commutator grinders and undercutters
- Rotary burs
- Saws
- Hand tools
- Electrical test equipment and other products.



ABOUT MORGAN ADVANCED MATERIALS



Morgan Advanced Materials is a global engineering company offering world-leading competencies in materials science, specialist manufacturing and applications engineering.

We focus our resources on the delivery of products that help our customers to solve technically challenging Problems, enabling them to address global trends such as energy demand, advances in healthcare and environmental sustainability.

What differentiates us?

Advanced material science and processing capabilities. Extensive applications engineering experience. A strong history of innovation and reinvention. Consistent and reliable performance. A truly global footprint. We find and invest in the best people.

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