

# Morgan Advanced Materials for Power Generation **National 634**





Our manufacturing sites are ISO 9001 and where applicable ISO 13485 certified

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## Morgan Advanced Materials

**Morgan Advanced Materials is a global materials engineering company which designs and manufactures a wide range of high specification products with extraordinary properties, across multiple sectors and geographies.**

**From an extensive range of advanced materials we produce components, assemblies and systems that deliver significantly enhanced performance for our customers' products and processes. Our engineered solutions are produced to very high tolerances and many are designed for use in extreme environments.**

**The Company thrives on breakthrough innovation. Our materials scientists and applications engineers work in close collaboration with customers to create outstanding, highly differentiated products that perform more efficiently, more reliably and for longer.**

**Morgan Advanced Materials has a global presence with more than 10,000 employees across 50 countries serving specialist markets in the energy, transport, healthcare, electronics, security and defence, petrochemical and industrial sectors. It is listed on the London Stock Exchange in the engineering sector (ticker MGAM).**

## Carbon Brushes

We are the recognised number 1 supplier of carbon brushes into the power generation market and we offer quality high performance generator carbon brushes to support your applications. The optimum grade for turbo alternator applications is National 634 brush which we manufacture and supply and is recognised as the industry standard for this application.

### The products we offer are

- Carbon brushes
- Carbon brush holders
- Slip rings
- Commutators
- Diagnostics for motors and generators.

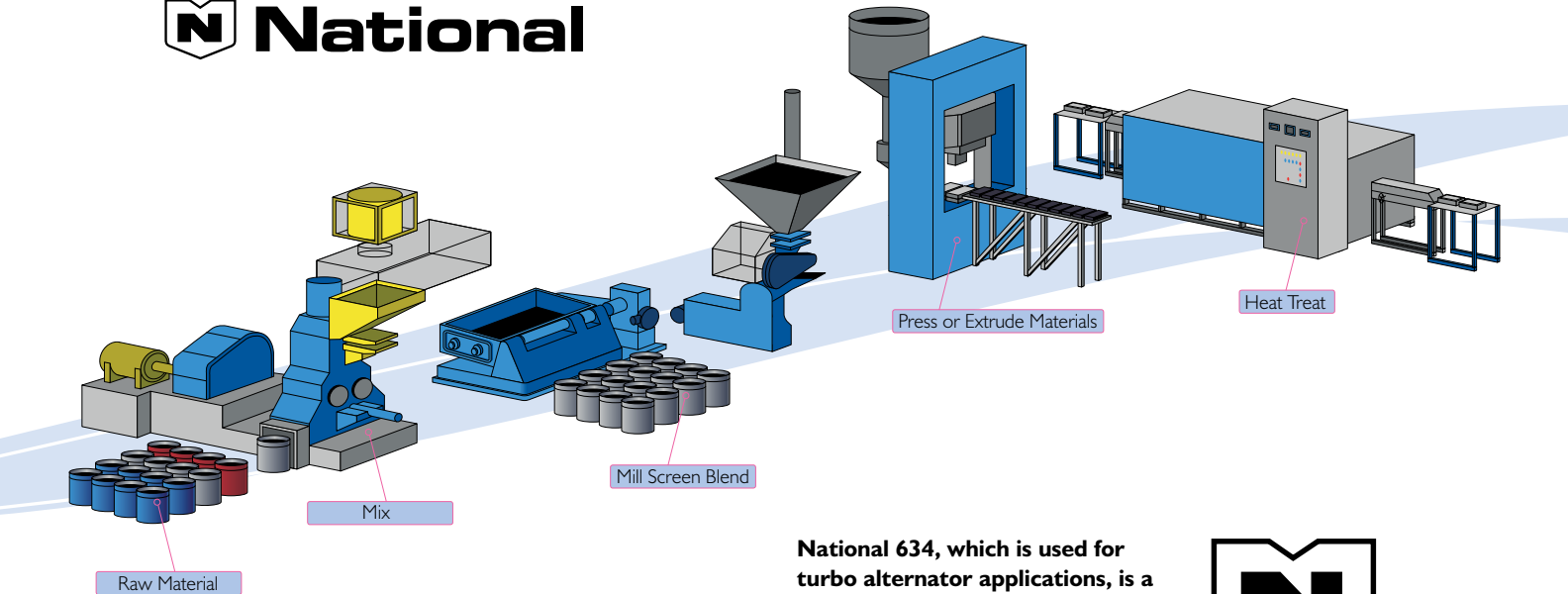
### 634 grade is recognised globally as the best performance material in power generation

- Reliable and consistent performance
- Low wear of both brush and slip ring surface
- Minimal Polarity wear differences
- Low and stable friction
- Assists in Preventing ghosting on ring surfaces
- Proven long life capability
- Excellent current sharing capabilities
- Consistent contact drop
- Available to fit any generator
- Consistent material processing globally

## After applying the genuine National 634 brush you have assured optimum brush performance supported by capable and skilled application engineers.

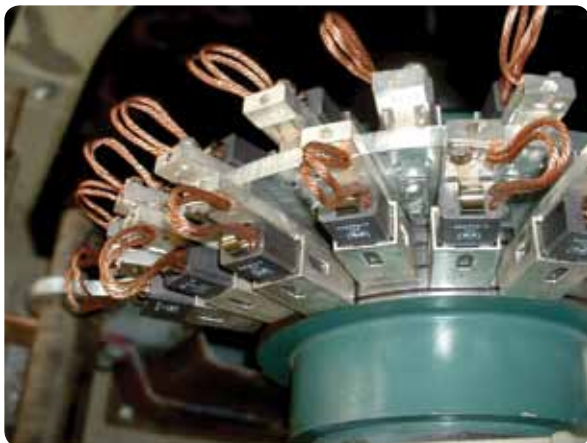
Morgan Advanced Materials also ensure consistent material supply as the processing, performance and testing are carefully controlled with our material scientists and testing experts based at our global technical laboratories and machine test labs.

# N National



National 634, which is used for turbo alternator applications, is a bonded natural graphite material.

It sets the world standard for carbon brush performance on your turbo alternator.



National 634 grade brushes fitted to FC101 plug in holders for ease of brush replacement in service.

### Morgan Advanced Materials Offer

- Local Sales Engineer Support
- Application engineering know how
- Over a century of experience in carbon brush technology
- Test and Analytical performance laboratory facilities
- Technical training courses