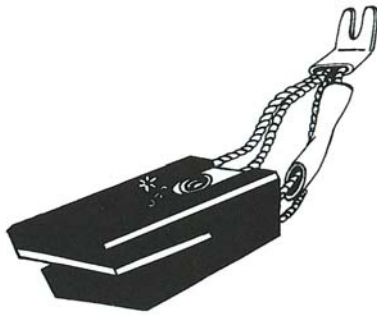


SURFACE ROUNDING BRUSH

maintenance tool

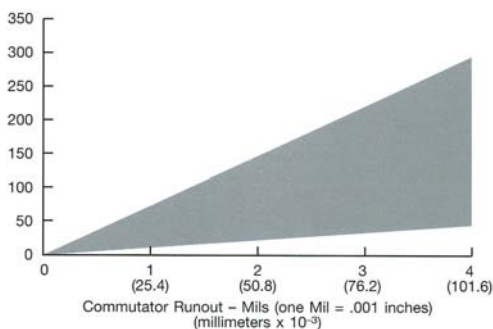


The surface rounding brush is a preventative maintenance tool that is used while a DC motor or generator is operating. The SRB is designed to gently remove rough spots and non-conductive patinas that can have detrimental affects on commutator and slipping surfaces.

- Can be used with any brush grade
- One SRB per brush track
- Consistent with existing brush design
- Extend time between commutator overhaul
- Reduces wear on existing brushes
- Reduces commutator runout
- Can be made in “fit and forget” style

How to order !

To order the SRB to properly suit your machine, please supply **Morgan Industrial Carbon** with details of the standard brush being used and specifications of the machine

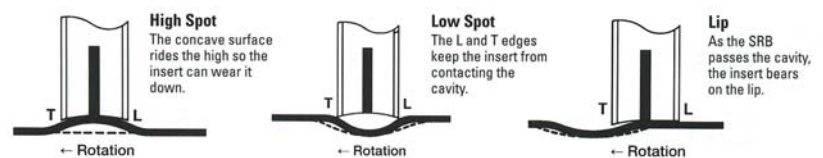


Easily restore performance and reduce maintenance costs

An SRB consists of a conductive abrasive insert within a carbon brush. **Morgan Industrial Carbon** formulates and positions the abrasive material to make each SRB compatible to it's application. Thus an SRB does not limit output during their temporary use. An alternative design incorporating a short length (stub) of SRB material enables “fit and forget” use where the stub performs it's function and wears away leaving a normal operating brush.

When used in a maintenance program, the SRB can extend service life between major overhauls and prevent unscheduled downtime. The SRB needs only to be used for a short period of time until the commutator surface has been rounded, then the brushes can be removed for use another day.

How an SRB works



Installation

Replace a standard brush with a compatible SRB. Usually one SRB per brush path will suffice. More than one may be installed if the commutator or collector is very large or has severe problems.

Monitor the progress of the SRB action. As soon as the surface has been restored, re-install the standard brush (es). SRB's can be re-used.

Technical data

The graph is based upon the following information

Brush Pressure - 351 g/cm² Brush size - 19.0mm x 38.1mm
Machine speed - 1800 RPM Commutator diameter - 254mm
Machine operation - 24 hrs / day

Due to the amount of copper that needs to be removed, the time to reduce commutator runout depends upon the level of eccentricity. For example, the amount of time it takes to correct a few high bars is less than the time required to correct a few low bars.

