Custom engineered to outperform the OEM

Hitachi 1.5-1.7kW Wind Kit Upgrade

Premier Retrofit Features

- Robust, precision machined brass brush holder for years of durability in tough environments
- Longer brush boxes for increased brush support
- Teflon™ spacers to protect against flashovers
- Durable wiring harness for reliable operation of brush wear switches
- Replaceable and adjustable brush boxes for installation flexibility
- Stable and radial holder design with replaceable spring clips

helwigcarbon.com/industries/wind
**Patented HELWIG QUICK DISCONNECTS (HQDs)**
- No screws to remove, tighten, lose or replace!
- HQDs lock together with a tight, positive locking action even under rough conditions
- Increased maintenance safety

**BRUSH WEAR SWITCHES**
- Improved switches provide accurate brush wear monitoring
- Wire harness comes fully assembled with switch and high quality easy-snap plugs

**CONSTANT FORCE SPRINGS**
- Improved replacement springs to maintain better contact and sustain up-tower vibrations
- Enhanced spring design extends brush life by applying constant pressure at the brush face

**ADJUSTABLE GROUNDING HOLDERS**
- Adjusts to multiple ring diameters, post diameters and positions to provide proper holder height
- Ideal for multiple applications and is optimal for electrical contact for the brushes

**Helwig’s Wind Team**

Our Wind Team provides wind farms with problem diagnosis, installation assistance, part maintenance recommendations and industry-leading brush & holder knowledge. Helwig’s superior power and grounding solutions are customized to meet desired outcomes and risk profiles to provide world-class field service expertise and service performance excellence.