SUPERIOR PERFORMANCE & RELIABILITY

SILVER GRAPHITE BRUSHES

helwigcarbon.com
Helwig Carbon Products manufactures a variety of silver graphite brushes used on sliding electric contact applications. Our silver graphite special grades are designed to handle the stringent requirements in these critical applications.

**COMMON APPLICATIONS**

Helwig Silver Graphite Brushes are used in a variety of applications:

- Medical Imaging Equipment/CT Scanners
- Slip Ring Applications: Power/Signal/Data
- Marine Applications
- Security Imaging Equipment
- Bearing Protection Kits
- Defense Applications
- Radar & Antenna Systems
- Aerospace Systems
- Wind Generators/Renewable Energy
- Tachometers

**HELWIG CARBON ADVANTAGES:**

- Made in the US
- Precision fabrication in a dedicated production area
- Unmatched technical expertise
- Superior customer service
- Fast production and delivery
- ISO 9001 Certified
Helwig Carbon silver graphite brushes are used for electrical power, signals, and data transmission from stationary to rotating components. These silver graphite grades are engineered and tailored for such voltage sensitive applications. These products are critical to performance, image resolution and speed.

Silver graphite brushes are used for power, data and signal transmission in a wide variety of slip ring applications. Silver graphite provides high conductivity, good thermal performance, long life, and low wear rate.

Helwig Carbon silver graphite brushes are used to conduct induced shaft currents to ground to protect the pitch motor bearings from premature failure and costly replacement. Helwig Carbon engineered a special solution for this application that has become OEM approved and installed throughout the world.
ABOUT HELWIG CARBON

Helwig Carbon Products can engineer a brush and holder solution for virtually any sliding electrical contact circuit. In addition to silver graphite brushes, we also manufacture copper graphite and other metallized graphite solutions. Proud to be American-owned for nearly 100 years.

DEFENSE

Helwig Carbon silver graphite brushes are used in aerospace, gun turrets, remotely operated vehicles, and many other sensitive applications.

MARITIME CATHODIC PROTECTION

Silver graphite brushes are typically used to ground ship propeller shafts and oil platforms.

AIRPORT SECURITY

Checked baggage, passenger, and explosives detection systems utilize Helwig Carbon silver graphite brushes for signal and power.

WIND GROUNDING

Silver graphite brushes are used for encoders, signal, power and grounding applications.