SUPERIOR PERFORMANCE & CUSTOM ENGINEERED

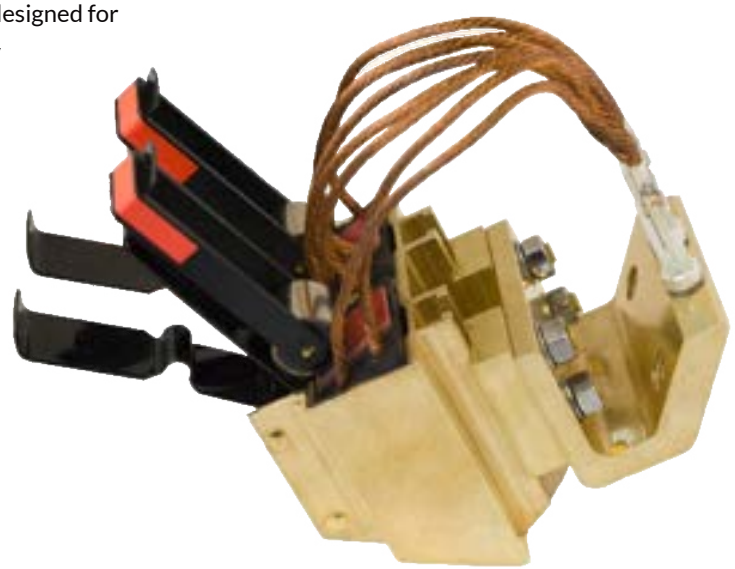
BRUSH HOLDERS

HELWIG® CARBON PRODUCTS, INC.

helwigcarbon.com/brush-holders

CUSTOM ENGINEERED FOR HIGH-PERFORMANCE

Helwig Carbon brush holders are expertly designed for maximum reliability and world-class quality

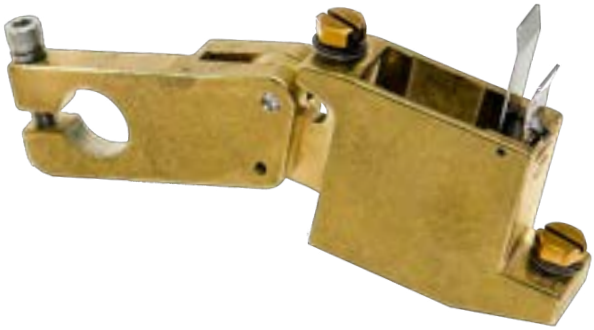


INDUSTRIAL

- Solid construction provides better performance, longer brush life and lower maintenance costs than the original holder - all with constant force springs
- Over 40 standard models in stock for GE, Reliance, Westinghouse, etc.
- Custom engineered designs for any application
- Easy to install

ADJUSTABLE SLIP RING

- Fully adjustable holder designed to fit a wide array of applications (Flexible ring diameters, post diameters, and positions)
- Replaces single holder and bank of two designs
- Constant force spring design

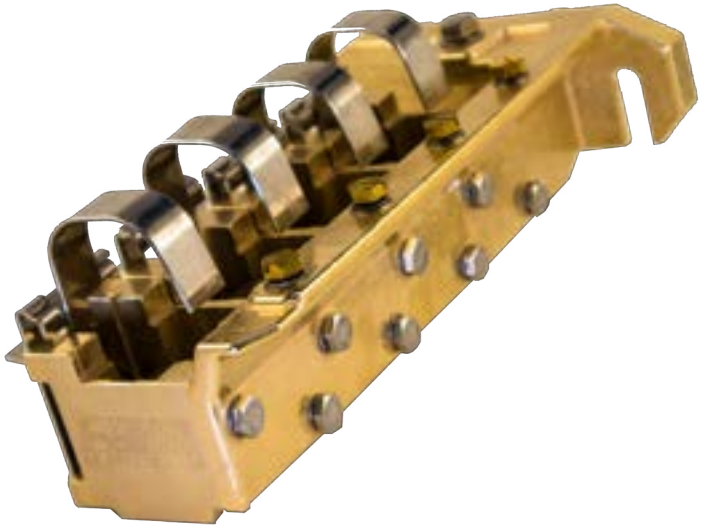


MULTIPLE BOX

- Commonly used on large DC motors
  - GE, Westinghouse, Siemens, ABB and other mill motors
- Multiple box holders are engineered with adjustable and replaceable brush boxes
- Designed with longer brush boxes for increased brush life, lowering maintenance costs
- Spring assemblies allow for safer and quicker brush changes

TURBINE STYLE

- Direct retrofit and custom designs for upgrades are available
- Adjustable mounting bolts to increase installation flexibility for proper height above rings
- Longer brush box for increased brush life compared to the OEM
- Constant force spring design with popular brush wear indicators for easy maintenance
- Replaceable spring clips provide less costly downtime

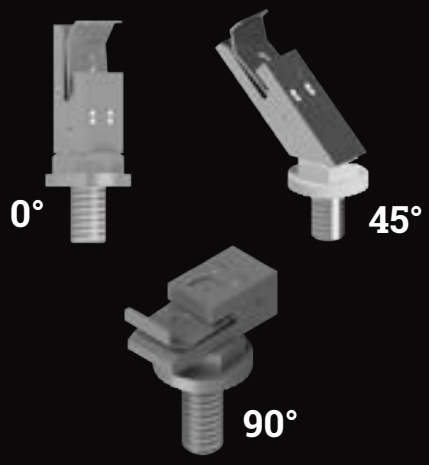


HELWIG CARBON ADVANTAGES

- North American leader in high-quality holders
- Extensive experience with field service and support
- Custom engineered solutions for superior holder performance
- Expert problem diagnosis and technical recommendations

ACCESSORIES
FOR HELWIG HOLDERS

Helwig Quick Disconnects (HQDs)



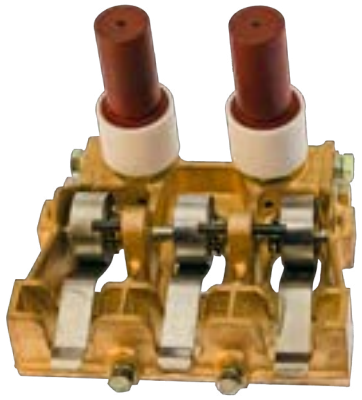
- HQDs lock together with a tight, positive locking action even under rough conditions, no screws to remove, lose or replace!

Brush Wear Indicators

- Brush wear indicators are the industry's most convenient way to monitor brush wear, using the red "danger strip" to inform you the brush should be replaced

TRACTION

- Enhanced replacement for 752 drilling & traction holders
- Heavy-Duty gunmetal cast for extremely rough mining & traction applications
- Internally reinforced insulator studs
  - Reduces vibration
  - Minimizes stud breakage
- Durable clock style spring
  - Includes a stud to hold spring finger for fast and easy brush changes



CAST

- Made from premium brass alloys
- Best for high volume quantities but can offer smaller quantities if needed
- A wide range of casted brush boxes are stocked in both imperial and metric sizes
- Multiple castings for popular industrial motor/ generators

MACHINED

- Custom engineered through the latest 3D CAD modeling software
- Can be designed and manufactured in under 2 weeks for rush situations
- Ideal for lower quantity orders
- Precise machining is completed through CNC milling and wire EDM center assuring the brush box is square and accurate

FINGER STYLE

- Recommended for rough, high-vibration or excessive run-out applications
- Designed to retrofit existing holders and spring combinations — engineered for individual holder replacements when needed
- Able to use your existing brush — same length brush box

OTHER STYLES

- Helwig can custom engineer any holder to your desired specifications
- For custom engineering projects please contact us directly at (800) 962-4851 or carboncrew@helwigcarbon.com

- Dedicated & knowledgeable Customer Service team
- On-time delivery averaged better than 98%
- ISO 9001 Certified for accuracy and consistency
- Made In The USA

BRUSH HOLDER REBUILD PROGRAM

BEFORE AFTER

REBUILT BY EXPERTS!

- QUICK TURNAROUND
- REGAIN HOLDER PERFORMANCE
- FRACTION OF THE COST (COMPARED TO A NEW HOLDER)
- PREPARE FOR SCHEDULED MAINTENANCE

REBUILD PROCESS

1. Disassemble, clean and tumble all metal parts
2. Check and adjust the brush box for proper fit and brush clearance
3. Silver-plate brush holder and assembly
4. Replace backplates, springs, and terminal screws
5. Swap retaining plate with a stainless steel retaining plate
6. Reassemble holder
7. Deliver a rebuilt holder that **performs like NEW!**

ABOUT HELWIG CARBON

Helwig Carbon Products, Inc. is the premier, family-owned, American manufacturer of carbon brushes, brush holders, spring assemblies, bearing protection kits, metal graphite brushes, and mechanical carbons. Since 1928, we have forged innovations that have since become industry standards and requirements. We pride ourselves on manufacturing all of our products to the highest standard and performance because we know your application depends on it!

HELWIG CARBON PRODUCTS, INC.

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MADE IN USA