



# Popular<sup>®</sup>

CARBON BRUSH MFG. CO.

**"EXPERT CARBON COMPONENT SOLUTIONS FOR ELECTRICAL APPLICATIONS.  
PRECISION ENGINEERED FOR EFFICIENCY AND DURABILITY."**



**30 YEARS OF EXPERTISE IN BRUSHES**





# INTRODUCTION

## Expert Carbon Component Solutions

We specialize in precision engineering and manufacturing high-quality carbon components, catering to diverse electrical applications. Our product range includes:

- **Carbon Blocks and Brushes:** Designed for efficient current transfer in DC motors, power tools, and railway systems.
- **Carbon Brush Holders:** Custom-engineered to ensure optimal brush performance and longevity.
- **Electrical Carbon Contacts:** Reliable and durable contacts for various electrical applications.
- **Mechanical Seals:** Precision-crafted to prevent leakage and ensure smooth operation.
- **Slip Ring Units:** High-performance units for seamless power transmission in rotating systems.
- **Springs:** Custom-designed springs for precise tension and durability.

## Applications

Our carbon components are used in:

- **DC Motors:** Carbon brushes provide efficient current transfer and durability.
- **Railway Systems:** Carbon brushes and blocks are designed for reliable performance in locomotives and railway infrastructure.
- **Kirloskar Machines:** We provide customized carbon components for Kirloskar's electrical equipment.
- **Power Tools:** Carbon brushes and holders ensure efficient power transmission and tool performance.
- **AC Motors:** Carbon brushes and contacts are designed for reliable operation in AC motor applications.

## Benefits

Our carbon components offer:

- **Efficient Current Transfer:** Minimizing energy losses and ensuring optimal performance.
- **Durability:** Long-lasting components reduce maintenance and downtime.
- **Customization:** Tailored solutions meet specific application requirements.

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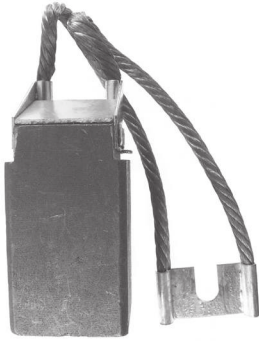
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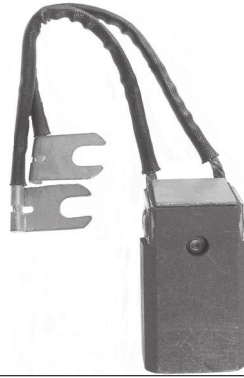
86, Building No 53, Malad Mumbai - 400064. INDIA  
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Email : popularcarbonbrush@gmail.com

## ABB

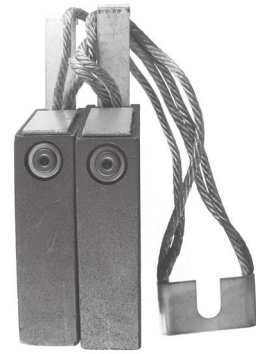


Cat. No. REP1020  
Size: 1 1/2 x 1 1/2 x 3  
Grade Type: G

## ALSTOM



Cat. No. REP1757  
Size: 1 x 1 1/4 x 2 3/8  
Grade Type: G



Cat. No. REP2878  
Size: 1.260 x .787 x 3.125  
Grade Type: G

## BALDOR



Cat. No. REP1116W  
Size: .221 x .650 x 1.0  
Grade Type: G



Cat. No. REP1209  
Size: 1/4 x 1/4 x 5/8  
Grade Type: EG



Cat. No. REP1397  
Size: 1/4 x 3/8 x 3/4  
Grade Type: EG

## BALDOR



Cat. No. REP624W  
Size: 5/16 x 7/16 x 1 1/8  
Grade Type: EG



Cat. No. REP1103B  
Size: 5/16 x 5/8 x 1 1/16  
Grade Type: CG



Cat. No. REP2185W  
Size: 5/16 x 5/8 x 1 1/8  
Grade Type: EG

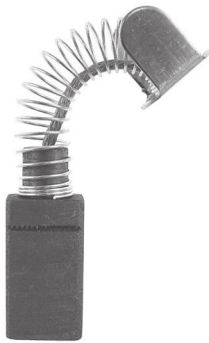
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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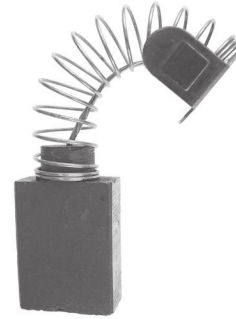
## BALDOR



Cat. No. REP1340W  
Size: 5/16 x 7/16 x 1 1/16  
Grade Type: G



Cat. No. REP630W  
Size: 5/16 x 3/4 x 1 1/4  
Grade Type: EG

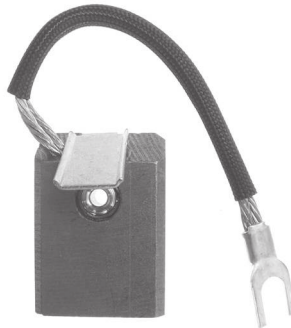


Cat. No. REP1267  
Size: 3/8 x 3/4 x 1 1/8  
Grade Type: G

## BALDOR



Cat. No. REP631W  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG



Cat. No. REP633  
Size: 3/8 x 7/8 x 1 1/4  
Grade Type: G



Cat. No. REP632  
Size: 3/8 x 7/8 x 1 1/4  
Grade Type: EG

## BALDOR



Top Bevel Slot

Cat. No. REP1721W  
Size: .398 x .880 x 1.5  
Grade Type: EG



Top Indented

Cat. No. REP1835B  
Size: .433 x 1.260 x 1.430  
Grade Type: EG



Cat. No. REP634W  
Size: 7/16 x 3/4 x 1 1/4  
Grade Type: EG

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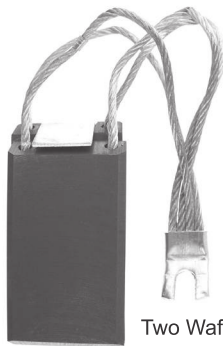
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## BALDOR



Two Wafers

Cat. No. REP2871  
Size: 3/4 x 1 1/2 x 2 3/4  
Grade Type: EG



Two Wafers

Cat. No. REP2109W  
Size: 7/8 x 1 1/2 x 3 3/16  
Grade Type: EG

## CADIZ



Cat. No. REP564A  
Size: 3/4 x 1/2 x 1 3/4  
Grade Type: EG

## CENTURY



Cat. No. REP431  
Size: 1/4 x 1/2 x 1 1/4  
Grade Type: EG



Cat. No. REP2322  
Size: 3/8 x 1 x 1 5/32  
Grade Type: EG

## DELCO



Cat. No. REP2864  
Size: 3/8 x 3/8 x 1 1/4  
Grade Type: EG

## EATON-DYNAMATIC



Cat. No. REP636W  
Size: 1/4 x 1/4 x 5/8  
Grade Type: EG



Cat. No. REP1291W  
Size: 5/16 x 5/16 x 1  
Grade Type: EG

## ELECTRIC MACHINERY



Cat. No. REP3461A  
Size: 3/8 x 7/8 x 1 1/2  
Grade Type: EG

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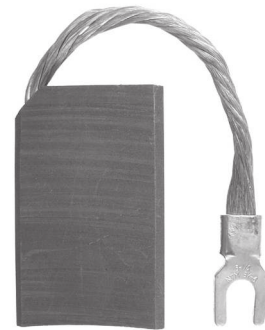
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Cat. No. REP325A  
Size: 5/8 x 1/4 x 1 1/4  
Grade Type: EG

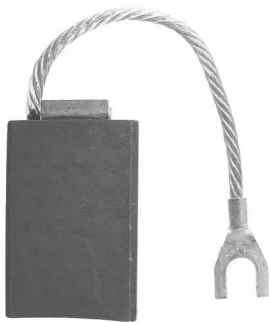


Cat. No. REP500W  
Size: 7/8 x 3/8 x 1 1/2  
Grade Type: EG



Cat. No. REP784  
Size: 1 1/4 x 1/2 x 2  
Grade Type: EG

## ELECTRIC MACHINERY

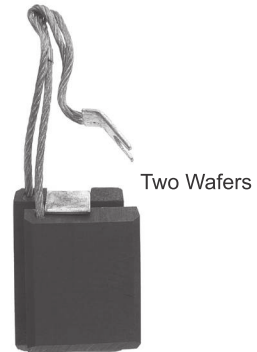


Cat. No. REP2954  
Size: 1 1/4 x 1/2 x 2  
Grade Type: EG



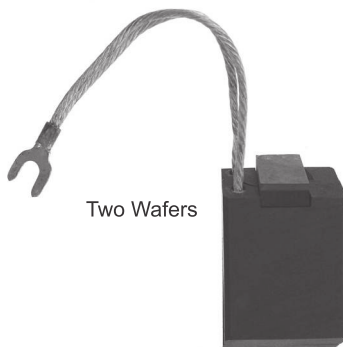
Cat. No. REP2050  
Size: 1 1/2 x 3/4 x 2 1/2  
Grade Type: EG

## EMERSON



Cat. No. REP1379W  
Size: 5/8 x 1 1/4 x 2  
Grade Type: EG

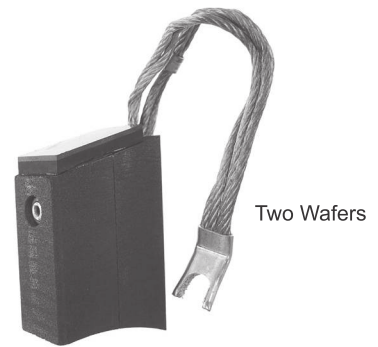
## EMERSON



Cat. No. REP1407B  
Size: 5/8 x 1 1/4 x 2  
Grade Type: EG



Cat. No. REP1147W  
Size: 7/8 x 5/8 x 1 5/8  
Grade Type: EG



Cat. No. REP1286W  
Size: 1 1/4 x 3/4 x 2  
Grade Type: EG

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## GENERAL ELECTRIC



Cat. No. REP321  
Size: 1/8 x 9/16 x 1  
Grade Type: G



Cat. No. REP373  
Size: 1/8 x 11/16 x 1  
Grade Type: G



Cat. No. REP370  
Size: 1/8 x 9/16 x 1  
Grade Type: G

## GENERAL ELECTRIC



Cat. No. REP368W  
Size: 1/8 x 1/4 x 5/8  
Grade Type: EG



Cat. No. REP371  
Size: 1/8 x 9/16 x 1  
Grade Type: G



Cat. No. REP1025  
Size: 3/16 x 3/16 x 7/16  
Grade: Silver Graphite

## GENERAL ELECTRIC



Cat. No. REP375  
Size: 7/32 x 9/16 x 7/8  
Grade Type: G



Cat. No. REP376  
Size: 7/32 x 9/16 x 1  
Grade Type: G



Cat. No. REP323  
Size: 1/4 x 3/8 x 1  
Grade Type: G

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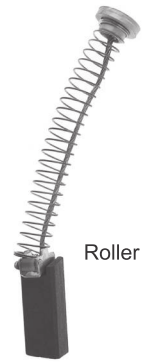
## GENERAL ELECTRIC



Cat. No. REP379  
Size: 1/4 x 3/8 x 1  
Grade Type: G



Cat. No. REP324W  
Size: 1/4 x 1/4 x 7/8  
Grade Type: EG



Cat. No. REP380W  
Size: 1/4 x 3/8 x 1  
Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP381W  
Size: 1/4 x 3/8 x 1  
Grade Type: EG



Cat. No. REP307  
Size: 1/4 x 3/8 x 3/4  
Grade Type: EG



Cat. No. REP366W  
Size: 1/4 x 3/8 x 7/8  
Grade Type: G

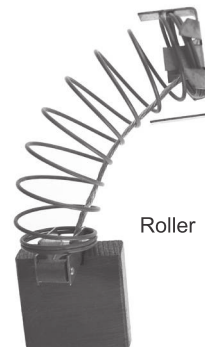
## GENERAL ELECTRIC



Cat. No. REP383W  
Size: 1/4 x 3/8 x 7/8  
Grade Type: EG



Cat. No. REP302  
Size: 1/4 x 1/2 x 13/16  
Grade Type: CG



Cat. No. REP377  
Size: 1/4 x 1 x 1  
Grade Type: G

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## GENERAL ELECTRIC



Cat. No. REP304  
Size: 1/4 x 1/2 x 7/8  
Grade Type: CG



Cat. No. REP384  
Size: 5/16 x 11/16 x 1  
Grade Type: G



Cat. No. REP305W  
Size: 5/16 x 3/8 x 7/8  
Grade Type: CG

## GENERAL ELECTRIC



Cat. No. REP306W  
Size: 3/8 x 5/8 x 7/8  
Grade Type: CG



Cat. No. REP320  
Size: 1/2 x 1/2 x 1  
Grade Type: G



Cat. No. REP322  
Size: 1/2 x 1/2 x 1  
Grade Type: G

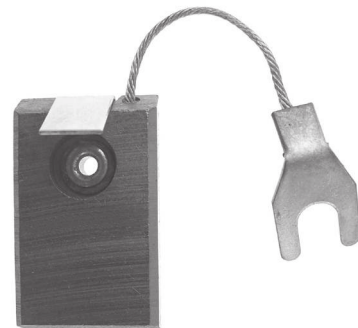
## GENERAL ELECTRIC



Cat. No. REP683  
Size: 1/4 x 1 1/4 x 1 7/8  
Grade Type: G



Cat. No. REP421  
Size: 1/4 x 1 1/4 x 1 3/8  
Grade Type: G



Cat. No. REP367A  
Size: 1/4 x 3/4 x 1 1/4  
Grade Type: G

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## GENERAL ELECTRIC



Cat. No. REP408W  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG



Cat. No. REP648W  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG

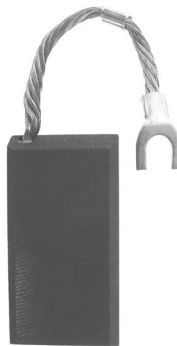


Cat. No. REP669W  
Size: 3/8 x 1 x 1 3/16  
Grade Type: EG

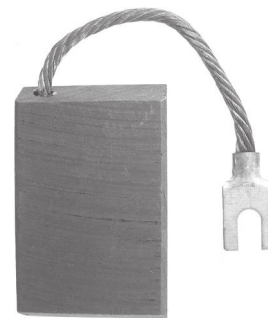
## GENERAL ELECTRIC



Cat. No. REP409  
Size: 3/8 x 1 1/4 x 1 1/4  
Grade Type: EG



Cat. No. REP651  
Size: 3/8 x 1 x 2  
Grade Type: EG



Cat. No. REP656S  
Size: 3/8 x 1 1/4 x 2  
Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP404  
Size: 3/8 x 1 1/4 x 2  
Grade Type: EG



Cat. No. REP641  
Size: 3/8 x 1 1/2 x 2 1/4  
Grade Type: EG



Cat. No. REP470  
Size: 3/8 x 1 1/4 x 1 3/4  
Grade Type: EG

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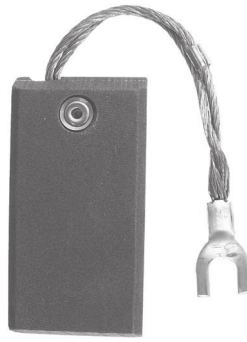
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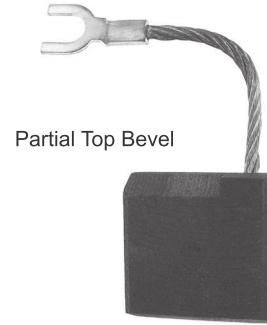
## GENERAL ELECTRIC



Cat. No. REP677  
 Size: 3/8 x 1 1/4 x 2  
 Grade Type: G



Cat. No. REP653  
 Size: 3/8 x 1 x 2  
 Grade Type: EG



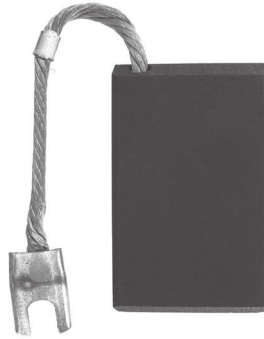
Partial Top Bevel

Cat. No. REP551W  
 Size: 3/8 x 1 x 1 1/16  
 Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP303W  
 Size: 3/8 x 5/8 x 1 1/8  
 Grade Type: CG



Cat. No. REP722  
 Size: 3/8 x 1 1/2 x 2 1/2  
 Grade Type: EG



Cat. No. REP652  
 Size: 3/8 x 1 x 2  
 Grade Type: G

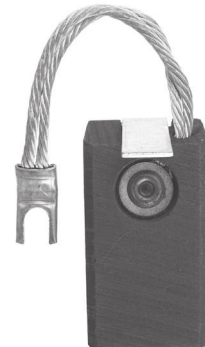
## GENERAL ELECTRIC



Cat. No. REP2308  
 Size: 3/8 x 1 x 2  
 Grade Type: EG



Cat. No. REP403  
 Size: 1/2 x 1 x 2  
 Grade Type: EG



Cat. No. REP419  
 Size: 1/2 x 1 x 2  
 Grade Type: G

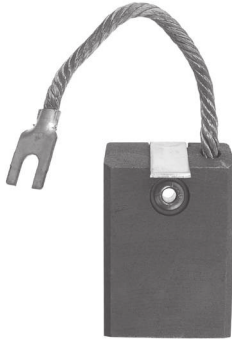
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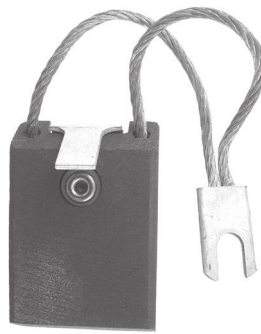
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## GENERAL ELECTRIC



Cat. No. REP415  
 Size: 1/2 x 1 1/4 x 2  
 Grade Type: EG



Cat. No. REP642  
 Size: 1/2 x 1 1/2 x 2 1/4  
 Grade Type: EG



Cat. No. REP591  
 Size: 1/2 x 1 x 2  
 Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP513  
 Size: 1/2 x 3/4 x 2 1/4  
 Grade Type: EG



Cat. No. REP479  
 Size: 1/2 x 1 x 2  
 Grade Type: EG



Cat. No. REP659  
 Size: 1/2 x 1 1/4 x 2  
 Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP660W  
 Size: 1/2 x 1 1/4 x 2  
 Grade Type: EG



Top Center Slot

Cat. No. REP360W  
 Size: 1/2 x 5/8 x 1 7/16  
 Grade Type: CG



Cat. No. REP542  
 Size: 1/2 x 1 1/2 x 2 1/2  
 Grade Type: EG

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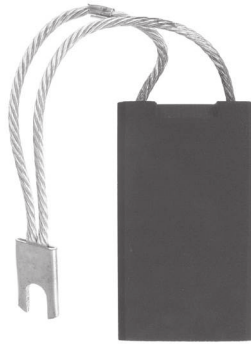
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 Email : popularcarbonbrush@gmail.com

## GENERAL ELECTRIC



Cat. No. REP1248  
 Size: 1/2 x 1 x 2  
 Grade Type: EG

Beveled Center Slot



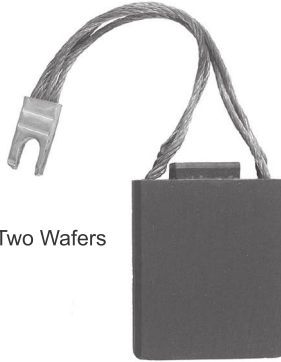
Cat. No. REP686  
 Size: 1/2 x 1 1/2 x 2 3/4  
 Grade Type: EG



Two Wafers

Cat. No. REP544W  
 Size: 5/8 x 1 1/4 x 2 1/8  
 Grade Type: EG

## GENERAL ELECTRIC



Two Wafers

Cat. No. REP646B  
 Size: 5/8 x 1 3/4 x 2 1/4  
 Grade Type: EG



Cat. No. REP547  
 Size: 5/8 x 1 1/2 x 2 1/2  
 Grade Type: EG

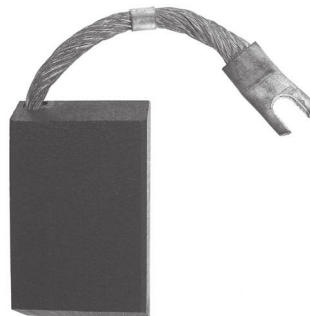


Cat. No. REP565  
 Size: 5/8 x 1 1/2 x 2 1/4  
 Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP679A  
 Size: 5/8 x 1 1/4 x 1 7/16  
 Grade Type: MG



Cat. No. REP665W  
 Size: 5/8 x 1 1/4 x 2 1/8  
 Grade Type: EG



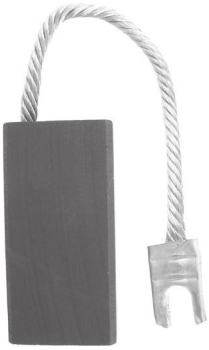
Two Wafers

Cat. No. REP647W  
 Size: 5/8 x 1/2 x 1 15/16  
 Grade Type: G

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## GENERAL ELECTRIC



Cat. No. REP482  
 Size: 5/8 x 1 1/4 x 2 1/2  
 Grade Type: EG



Cat. No. REP407S  
 Size: 5/8 x 1 x 2  
 Grade Type: EG



Cat. No. REP663S  
 Size: 5/8 x 1 1/4 x 2 1/8  
 Grade Type: G

## GENERAL ELECTRIC



Beveled Slot

Cat. No. REP750  
 Size: 5/8 x 1 1/2 x 2 3/4  
 Grade Type: EG



Cat. No. REP1030B  
 Size: 5/8 x 1 1/2 x 2  
 Grade Type: EG



Two Wafers

Cat. No. REP1031  
 Size: 5/8 x 1 1/4 x 2 1/4  
 Grade Type: EG

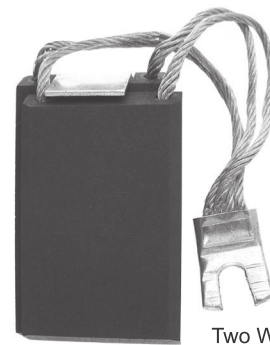
## GENERAL ELECTRIC



Cat. No. REP706  
 Size: 5/8 x 1 1/2 x 2 1/4  
 Grade Type: EG



Cat. No. REP3756  
 Size: 5/8 x 1 1/4 x 3  
 Grade Type: EG



Two Wafers

Cat. No. REP521W  
 Size: 3/4 x 1 1/2 x 2 3/4  
 Grade Type: EG

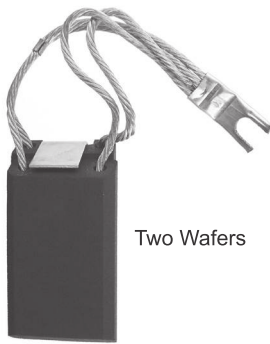
**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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## GENERAL ELECTRIC



Two Wafers

Cat. No. REP550  
Size: 3/4 x 1 1/4 x 2 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP528W  
Size: 3/4 x 1 1/2 x 3 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP485C  
Size: 3/4 x 1 1/2 x 2 1/4  
Grade Type: EG

## GENERAL ELECTRIC



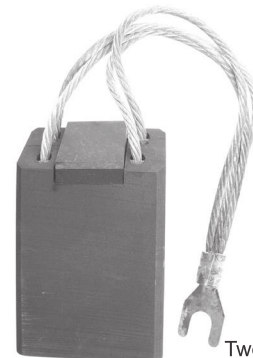
Two Wafers

Cat. No. REP487W  
Size: 3/4 x 1 3/4 x 2 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP489  
Size: 3/4 x 2 x 2 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP516A  
Size: 3/4 x 1 3/4 x 2 3/4  
Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP474B  
Size: 3/4 x 1 1/2 x 2 1/4  
Grade Type: EG

Two Wafers



Cat. No. REP668W  
Size: 3/4 x 1 1/2 x 2 3/8  
Grade Type: EG



Cat. No. REP568  
Size: 3/4 x 1 1/4 x 2 1/2  
Grade Type: EG

**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



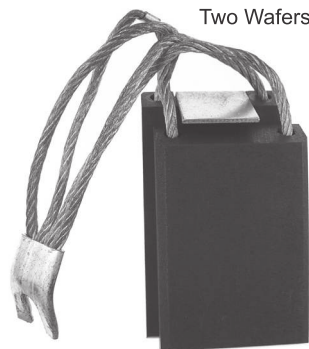
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## GENERAL ELECTRIC



Cat. No. REP1033  
Size: 3/4 x 3/4 x 2 1/2  
Grade Type: EG



Cat. No. REP523W  
Size: 7/8 x 1 1/2 x 2 3/4  
Grade Type: EG



Cat. No. REP532W  
Size: 7/8 x 1 1/2 x 3 1/4  
Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP554W  
Size: 7/8 x 5/8 x 1 1/2  
Grade Type: EG



Cat. No. REP410  
Size: 7/8 x 3/8 x 1 3/8  
Grade Type: MG



Cat. No. REP525W  
Size: 1 x 1 1/2 x 2 3/4  
Grade Type: EG

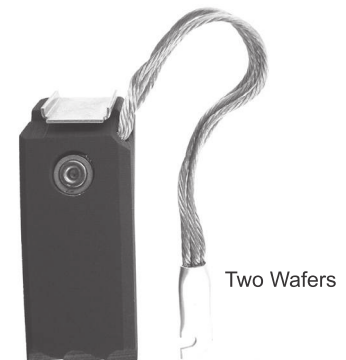
## GENERAL ELECTRIC



Cat. No. REP535W  
Size: 1 x 1 1/2 x 3 1/4  
Grade Type: EG



Cat. No. REP1052W  
Size: 1 x 1 1/4 x 3 1/4  
Grade Type: EG



Cat. No. REP510  
Size: 1 x 1 1/4 x 3 1/4  
Grade Type: EG

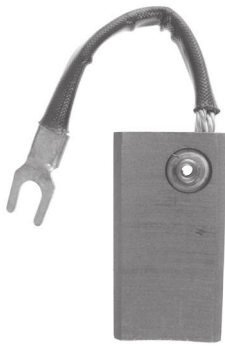
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



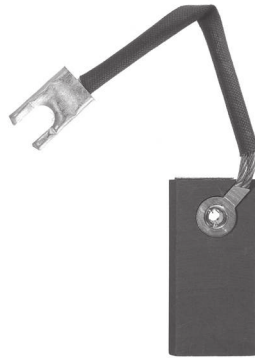
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## GENERAL ELECTRIC



Cat. No. REP463A  
Size: 1 x 1/2 x 1 7/8  
Grade Type: MG



Cat. No. REP426W  
Size: 1 x 1/2 x 1 7/8  
Grade Type: EG



Cat. No. REP344  
Size: 1 x 1/2 x 1 7/8  
Grade Type: CG

## GENERAL ELECTRIC



Two Wafers

Cat. No. REP319  
Size: 1 x 1 1/4 x 3 1/4  
Grade Type: EG



Two Wafers

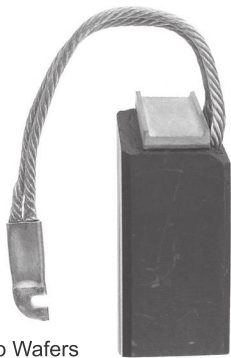
Cat. No. REP2135  
Size: 1 x 1 1/2 x 3 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP507  
Size: 1 x 1 1/4 x 3 1/4  
Grade Type: EG

## GENERAL ELECTRIC



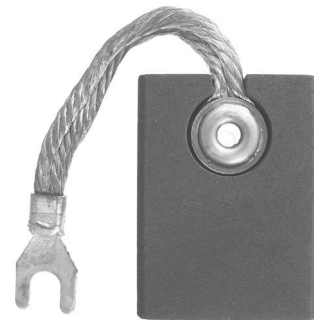
Two Wafers

Cat. No. REP1092  
Size: 1 x 1 1/4 x 3 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP1600  
Size: 1 x 1 1/4 x 3  
Grade Type: EG



Cat. No. REP779A  
Size: 1 1/8 x 1 1/2 x 2  
Grade Type: EG

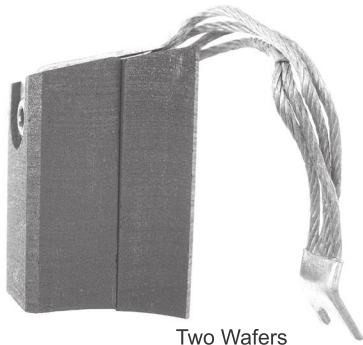
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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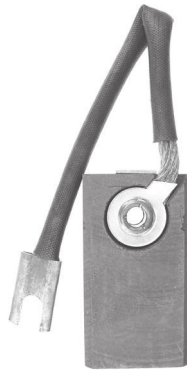
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## GENERAL ELECTRIC



Two Wafers

Cat. No. REP557W  
 Size: 1 1/4 x 3/4 x 1 7/8  
 Grade Type: EG

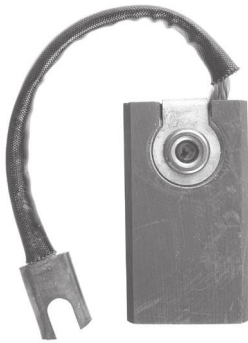


Cat. No. REP460W  
 Size: 1 1/4 x 5/8 x 2 1/4  
 Grade Type: EG

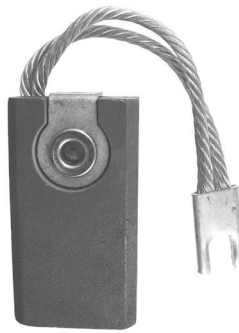


Cat. No. REP459W  
 Size: 1 1/4 x 3/4 x 2 1/4  
 Grade Type: EG

## GENERAL ELECTRIC



Cat. No. REP462  
 Size: 1 1/4 x 3/4 x 2 1/4  
 Grade Type: EG



Cat. No. REP567  
 Size: 1 1/4 x 3/4 x 2 1/4  
 Grade Type: G



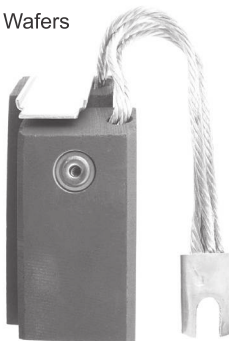
Cat. No. REP1633A  
 Size: 1 1/4 x 3/4 x 2 1/4  
 Grade Type: G

## GENERAL ELECTRIC



Cat. No. REP685  
 Size: 1 1/4 x 3/4 x 2 3/4  
 Grade Type: G

Two Wafers



Cat. No. REP3009  
 Size: 1 1/4 x 1 1/4 x 3 1/4  
 Grade Type: EG



Top Indented

Cat. No. REP354  
 Size: 1 1/4 x 3/4 x 2 3/4  
 Grade Type: G

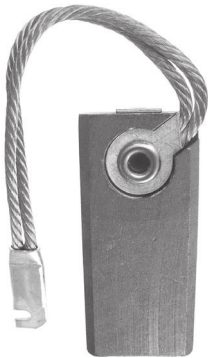
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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## GENERAL ELECTRIC



Cat. No. REP353  
Size: 1 1/4 x 3/4 x 2 3/4  
Grade Type: G



Top Indented

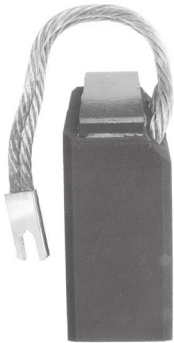
Cat. No. REP775  
Size: 1 1/4 x 3/4 x 2 3/4  
Grade Type: G



Two Wafers  
Top Indented

Cat. No. REP558W  
Size: 1 1/4 x 1 x 2 5/8  
Grade Type: EG

## GENERAL ELECTRIC



Two Wafers

Cat. No. REP1572  
Size: 1 1/4 x 1 1/4 x 3 1/2  
Grade Type: EG



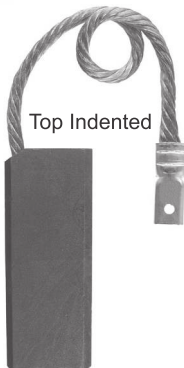
Cat. No. REP1297  
Size: 1 1/4 x 3/4 x 2 1/4  
Grade Type: G



Hole Through Carbon  
Top Indented

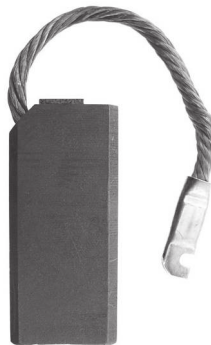
Cat. No. REP3324  
Size: 1 1/4 x 3/4 x 2 3/4  
Grade Type: G

## GENERAL ELECTRIC



Top Indented

Cat. No. REP3820  
Size: 1 1/4 x 3/4 x 3 1/4  
Grade Type: G



Cat. No. REP3880  
Size: 1 1/4 x 3/4 x 2 3/4  
Grade Type: G



Cat. No. REP461W  
Size: 1 1/2 x 5/8 x 2 1/4  
Grade Type: EG

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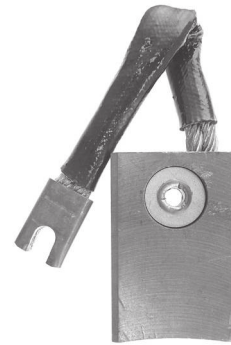
## GENERAL ELECTRIC



Cat. No. REP512  
Size: 1 1/2 x 5/8 x 2 1/4  
Grade Type: EG



Cat. No. REP391A  
Size: 1 1/2 x 5/8 x 2 1/4  
Grade Type: MG



Cat. No. REP458W  
Size: 1 1/2 x 5/8 x 2 1/4  
Grade Type: MG

## GENERAL ELECTRIC



Cat. No. REP3853  
Size: 1 1/2 x 1 x 3  
Grade Type: G



Cat. No. REP1692  
Size: 1 1/2 x 1 x 4  
Grade Type: G

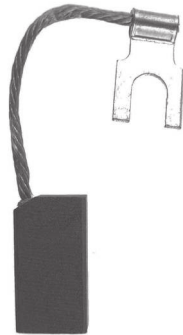


Cat. No. REP2640A  
Size: 1 1/2 x 1 x 4  
Grade Type: G

## GETTY'S



Cat. No. REP637W  
Size: 3/16 x 5/8 x 7/8  
Grade Type: EG



Cat. No. REP2885  
Size: .252 x .394 x .750  
Grade Type: G



Cat. No. REP476A  
Size: 5/16 x 1 1/4 x 1 3/4  
Grade Type: EG

## IMPERIAL

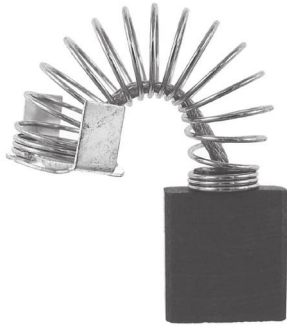
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



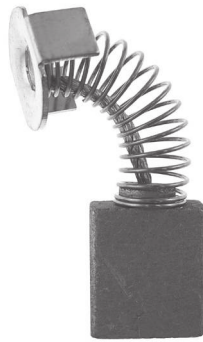
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## INDIANA GENERAL



Cat. No. REP676W  
Size: 1/4 x 5/8 x 13/16  
Grade Type: EG



Cat. No. REP387W  
Size: 3/8 x 3/4 x 1  
Grade Type: G



Cat. No. REP327W  
Size: 3/8 x 3/4 x 1 1/8  
Grade Type: EG

## INDIANA GENERAL      LEESON



Cat. No. REP329W  
Size: 3/8 x 1 x 1 7/16  
Grade Type: EG



Cat. No. REP2657A  
Size: 5/16 x 5/16 x 5/8  
Grade Type: EG



Cat. No. REP1163B  
Size: 3/8 x 1 1/4 x 1 1/4  
Grade Type: EG

## LEESON



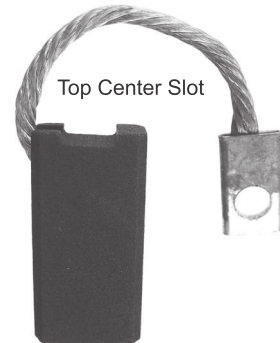
Cat. No. REP2199  
Size: .375 x .787 x .813  
Grade Type: G

## LEROY-SOMER



Cat. No. REP2202  
Size: .315 x .787 x 1.260  
Grade Type: EG

## LINCOLN



Cat. No. REP586  
Size: 3/8 x 5/8 x 1 1/4  
Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## LOUIS ALLIS



Cat. No. REP427  
Size: 1/4 x 1/2 x 1  
Grade Type: EG

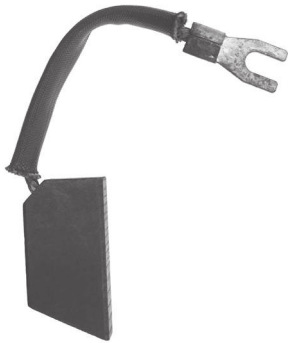


Cat. No. REP428  
Size: 1/2 x 3/8 x 1 1/2  
Grade Type: MG



Cat. No. REP2423  
Size: 1/2 x 3/8 x 1 3/4  
Grade Type: EG

## LOUIS ALLIS

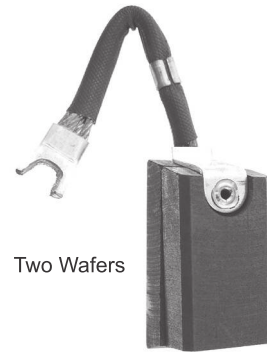


Cat. No. REP2768  
Size: 3/4 x 3/8 x 1 1/2  
Grade Type: EG



Cat. No. REP2247A  
Size: 1 x 3/4 x 1 3/4  
Grade Type: EG

## NORTHWEST ELECTRIC



Two Wafers

Cat. No. REP465W  
Size: 7/8 x 3/4 x 1 5/8  
Grade Type: EG

## NORTHWEST ELECTRIC



Two Wafers

Cat. No. REP1632W  
Size: 7/8 x 3/4 x 1 5/8  
Grade Type: EG



Two Wafers

Cat. No. REP1766  
Size: 7/8 x 5/8 x 1 19/32  
Grade Type: EG

## ONAN



Cat. No. REP4139  
Size: 9/32 x 7/8 x 1 1/4  
Grade Type: EG

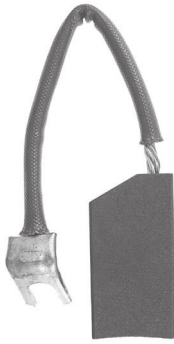
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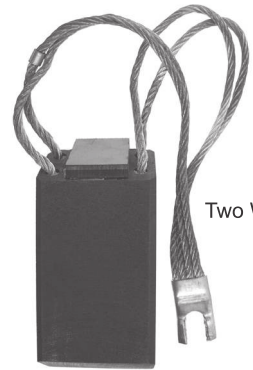
## P&H



Cat. No. REP1444  
Size: 5/8 x 5/16 x 1 1/4  
Grade Type: EG



Cat. No. REP1764  
Size: 5/8 x 5/16 x 1 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP2896W  
Size: 7/8 x 1 1/2 x 3 3/16  
Grade Type: EG

## P&H

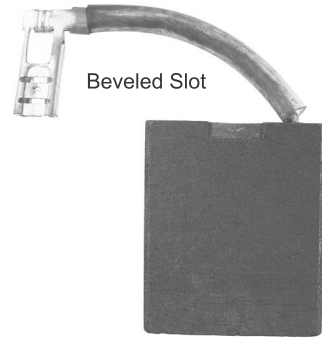


Cat. No. REP587  
Size: 1 1/8 x 1/2 x 2  
Grade Type: EG



Cat. No. REP2967B  
Size: 1 1/8 x 1/2 x 2  
Grade Type: EG

## PACIFIC SCIENTIFIC



Beveled Slot

Cat. No. REP623W  
Size: 19/64 x 7/8 x 1 1/32  
Grade Type: G

## PACIFIC SCIENTIFIC



Beveled Slot

Cat. No. REP622  
Size: 19/64 x 7/8 x 7/8  
Grade Type: G



Cat. No. REP1462  
Size: 5/16 x 1 1/4 x 1 1/4  
Grade Type: G

## RELIANCE



Beveled Slot

Cat. No. REP3910  
Size: 5/16 x 1 1/4 x 1 1/4  
Grade Type: G

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite

## RELIANCE



Cat. No. REP1551B  
 Size: 1/8 x 3/16 x 7/16  
 Grade: Silver Graphite



Cat. No. REP399  
 Size: 5/16 x 3/4 x 1 1/2  
 Grade Type: EG

Replacements for Reliance brushes, including those beginning with these catalog numbers:

- 3141
- 3306
- 404844
- 419904

## RELIANCE



Cat. No. REP1064  
 Size: .315 x .472 x 1.125  
 Grade Type: EG



Cat. No. REP2484  
 Size: .315 x .630 x 1.260  
 Grade Type: EG

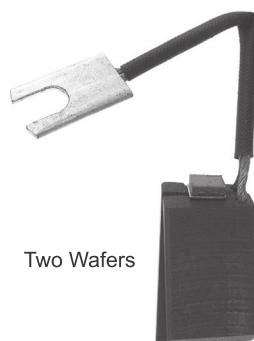


Cat. No. REP334W  
 Size: 3/8 x 1 x 1 1/2  
 Grade Type: EG

## RELIANCE

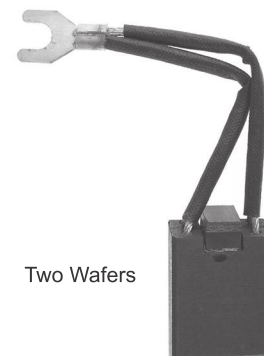


Cat. No. REP336A  
 Size: 3/8 x 1 3/8 x 1 1/2  
 Grade Type: EG



Two Wafers

Cat. No. REP311W  
 Size: 3/8 x 3/4 x 1 1/2  
 Grade Type: EG



Two Wafers

Cat. No. REP312W  
 Size: 3/8 x 1 x 1 1/2  
 Grade Type: EG

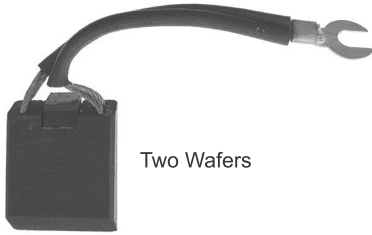
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## RELIANCE



Cat. No. REP313AW  
 Size: 3/8 x 1 1/4 x 1 1/2  
 Grade Type: EG



Cat. No. REP493C  
 Size: 3/8 x 5/8 x 1 1/4  
 Grade Type: EG



Cat. No. REP332  
 Size: 3/8 x 3/4 x 1 11/16  
 Grade Type: EG

## RELIANCE



Cat. No. REP326W  
 Size: 3/8 x 3/4 x 1  
 Grade Type: EG

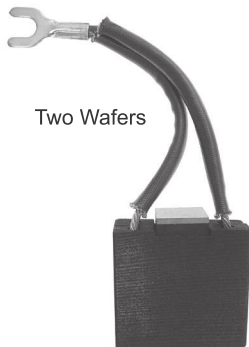


Cat. No. REP471  
 Size: 3/8 x 3/8 x 1 1/4  
 Grade Type: EG



Cat. No. REP1195B  
 Size: 3/8 x 1 1/4 x 1 1/4  
 Grade Type: EG

## RELIANCE



Cat. No. REP1550C  
 Size: 3/8 x 1 1/4 x 1 1/4  
 Grade Type: EG



Cat. No. REP1660W  
 Size: 3/8 x 1 x 1 1/4  
 Grade Type: EG



Cat. No. REP1843  
 Size: 3/8 x 1 x 1 1/4  
 Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## RELIANCE



Two Wafers

Cat. No. REP1923W  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG



Cat. No. REP1980  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG



Cat. No. REP2124  
Size: 3/8 x 1 1/2 x 1 1/4  
Grade Type: EG

## RELIANCE



Top Slot

Cat. No. REP1355W  
Size: .394 x .630 x 1.25  
Grade Type: EG



Two Wafers

Cat. No. REP1225W  
Size: .394 x 1.260 x 1.260  
Grade Type: EG



Top Slot

Cat. No. REP1356  
Size: .394 x .630 x 1.25  
Grade Type: G

## RELIANCE



Cat. No. REP2270  
Size: .394 x .984 x 1.260  
Grade Type: EG



Cat. No. REP2335W  
Size: .394 x .787 x 1.0  
Grade Type: EG



Two Wafers

Cat. No. REP2429  
Size: .394 x .984 x 1.315  
Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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## RELIANCE

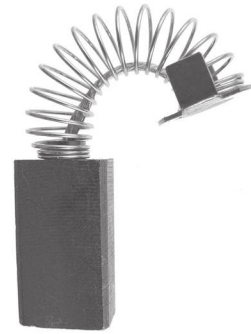


Two Wafers

Cat. No. REP2499  
Size: .394 x .787 x 1.315  
Grade Type: EG



Cat. No. REP2999  
Size: .394 x 1.260 x 1.260  
Grade Type: EG

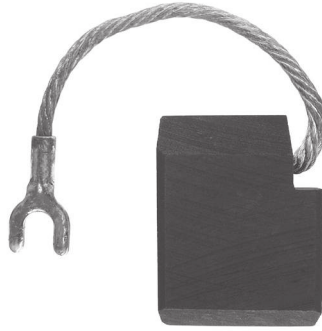


Cat. No. REP3463  
Size: .394 x .630 x 1.260  
Grade Type: G

## RELIANCE



Cat. No. REP341S  
Size: 7/16 x 7/8 x 1 7/8  
Grade Type: EG



Cat. No. REP343A  
Size: 7/16 x 1 1/8 x 1 7/8  
Grade Type: EG



Cat. No. REP340A  
Size: 7/16 x 3/4 x 1 1/4  
Grade Type: EG

## RELIANCE



Two Wafers

Cat. No. REP315W  
Size: 7/16 x 7/8 x 1 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP2248B  
Size: .492 x 1.260 x 1.50  
Grade Type: EG



Cat. No. REP2860  
Size: .492 x 1.260 x 1.50  
Grade Type: EG

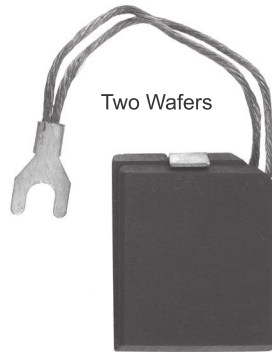
**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## RELIANCE



Cat. No. REP345A  
Size: 1/2 x 1 3/8 x 1 7/8  
Grade Type: EG

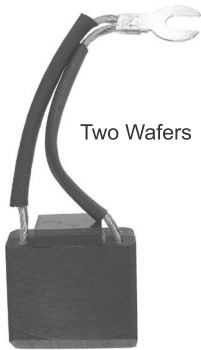


Cat. No. REP402W  
Size: 1/2 x 1 1/2 x 2  
Grade Type: EG

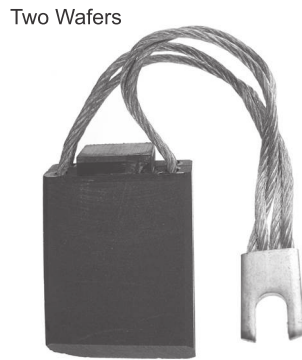


Cat. No. REP316AW  
Size: 1/2 x 1 1/4 x 1 1/2  
Grade Type: EG

## RELIANCE



Cat. No. REP317W  
Size: 1/2 x 1 1/2 x 1 1/2  
Grade Type: EG



Cat. No. REP1008W  
Size: 1/2 x 1 5/8 x 2 1/4  
Grade Type: EG



Cat. No. REP1115C  
Size: 1/2 x 1 1/4 x 1 1/2  
Grade Type: EG

## RELIANCE



Cat. No. REP2529A  
Size: 1/2 x 1 1/2 x 2 1/4  
Grade Type: EG



Cat. No. REP3293  
Size: 1/2 x 1 1/4 x 1 1/4  
Grade Type: EG



Cat. No. REP349  
Size: 5/8 x 2 x 2 1/4  
Grade Type: EG

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## RELIANCE



Cat. No. REP466A  
Size: 5/8 x 1 1/2 x 2  
Grade Type: EG



Two Wafers

Cat. No. REP2146  
Size: 5/8 x 1 3/4 x 2 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP502  
Size: 5/8 x 1 1/2 x 2  
Grade Type: EG

## RELIANCE



Two Wafers

Cat. No. REP318W  
Size: 5/8 x 1 5/8 x 2 3/8  
Grade Type: EG



Two Wafers

Cat. No. REP1250B  
Size: 5/8 x 1 1/4 x 2 1/4  
Grade Type: EG



Two Wafers

Cat. No. REP1549C  
Size: 5/8 x 1 5/8 x 1 1/2  
Grade Type: EG

## RELIANCE



Cat. No. REP1817B  
Size: 5/8 x 1 5/8 x 1 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP2721  
Size: 5/8 x 1 1/2 x 2 1/4  
Grade Type: EG



Cat. No. REP2245A  
Size: .630 x 1.575 x 1.575  
Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite

## RELIANCE



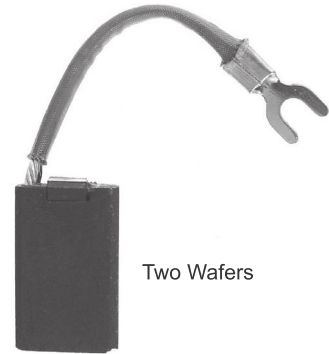
Two Wafers

Cat. No. REP2243W  
Size: .630 x 1.575 x 1.575  
Grade Type: EG



Two Wafers

Cat. No. REP3000W  
Size: .630 x 1.260 x 1.575  
Grade Type: EG



Two Wafers

Cat. No. REP2592  
Size: .630 X .984 X 1.570  
Grade Type: EG

## RELIANCE



Two Wafers

Cat. No. REP3325  
Size: .688 x 1.625 x 2.5  
Grade Type: EG



Two Wafers

Cat. No. REP2279W  
Size: 3/4 x 1 1/2 x 2 3/4  
Grade Type: EG



Two Wafers

Cat. No. REP2083W  
Size: 3/4 x 1 5/8 x 2 1/2  
Grade Type: EG

## RELIANCE



Two Wafers

Cat. No. REP469  
Size: 7/8 x 1 1/2 x 2 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP433W  
Size: 7/8 x 1 5/8 x 2 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP1955W  
Size: 7/8 x 1 1/2 x 2 1/2  
Grade Type: EG

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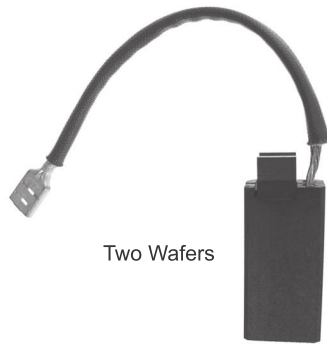
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## RUELAND



Cat. No. REP1018  
 Size: 1 1/4 x 3/8 x 1 3/4  
 Grade Type: EG

## SIEMENS



Two Wafers

Cat. No. REP2259  
 Size: .394 x .630 x 1.260  
 Grade Type: EG



Cat. No. REP3151  
 Size: .394 x .984 x 1.260  
 Grade Type: G

## SIEMENS



Two Wafers

Cat. No. REP2469  
 Size: .630 x .984 x 1.260  
 Grade Type: EG



Two Wafers

Cat. No. REP3501A  
 Size: .630 x .984 x 1.50  
 Grade Type: EG



Cat. No. REP2943  
 Size: 1.260 X 1.260 X 2.520  
 Grade Type: G

## TOYO DENKI



Cat. No. REP3594  
 Size: .394 x .236 x .984  
 Grade Type: EG

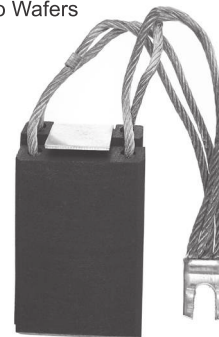
## WARNER ELECTRIC BRAKE



Cat. No. REP801  
 Size: .362 x .232 x .812  
 Grade Type: MG

## WEIR

Two Wafers



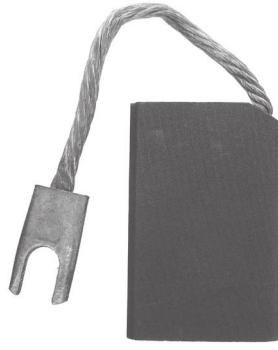
Cat. No. REP2520W  
 Size: 3/4 x 1 1/2 x 2 3/4  
 Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite

## WESTINGHOUSE



Cat. No. REP453B  
Size: 3/8 x 3/4 x 1 1/2  
Grade Type: EG

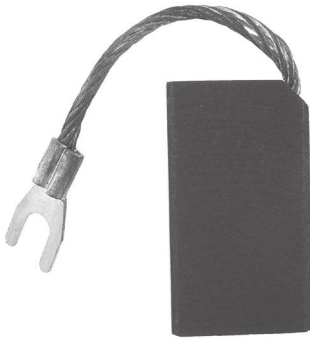


Cat. No. REP434A  
Size: 3/8 x 1 x 1 1/4  
Grade Type: EG



Cat. No. REP754  
Size: 3/8 x 1 3/4 x 2 3/4  
Grade Type: EG

## WESTINGHOUSE



Cat. No. REP449W  
Size: 3/8 x 1 x 1 3/4  
Grade Type: EG



Round Top Groove

Cat. No. REP603W  
Size: 3/8 x 5/8 x 1 1/4  
Grade Type: EG



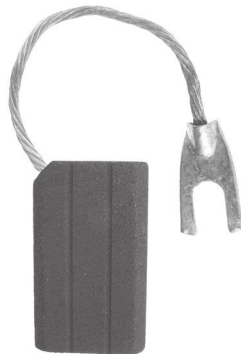
Cat. No. REP615B  
Size: 3/8 x 1 x 1 1/2  
Grade Type: EG

## WESTINGHOUSE

Round Top Groove



Cat. No. REP490  
Size: 3/8 x 1 x 1 1/2  
Grade Type: EG



Cat. No. REP333  
Size: 3/8 x 3/4 x 1 1/4  
Grade Type: EG



Cat. No. REP337  
Size: 3/8 x 1 3/8 x 2 3/4  
Grade Type: EG

**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



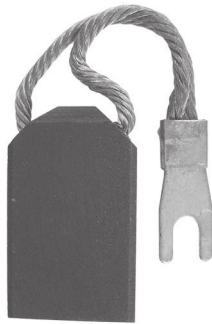
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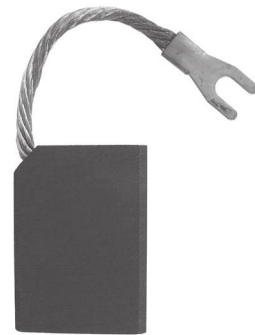
## WESTINGHOUSE



Cat. No. REP447  
Size: 3/8 x 5/8 x 1  
Grade Type: G

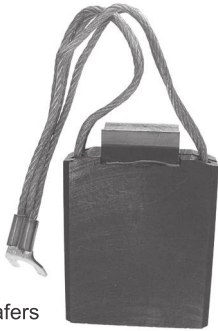


Cat. No. REP767  
Size: 3/8 x 1 x 1 25/32  
Grade Type: EG



Cat. No. REP448  
Size: 1/2 x 1 1/4 x 1 3/4  
Grade Type: EG

## WESTINGHOUSE



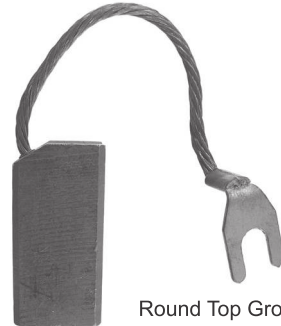
Two Wafers

Cat. No. REP599W  
Size: 1/2 x 1 1/2 x 1 3/4  
Grade Type: EG



Round Top Groove

Cat. No. REP605A  
Size: 1/2 x 1 x 1 1/4  
Grade Type: EG



Round Top Groove

Cat. No. REP612  
Size: 1/2 x 5/8 x 1 1/4  
Grade Type: G

## WESTINGHOUSE



Cat. No. REP444W  
Size: 1/2 x 1 x 1 3/4  
Grade Type: EG



Two Wafers

Cat. No. REP440  
Size: 1/2 x 1 1/2 x 1 1/2  
Grade Type: G



Two Wafers

Cat. No. REP640  
Size: 1/2 x 1 1/2 x 1 1/2  
Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



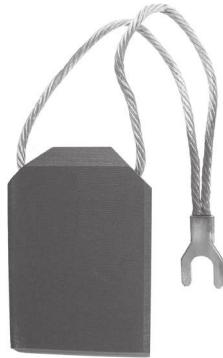
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## WESTINGHOUSE



Cat. No. REP759  
Size: 1/2 x 1 3/8 x 2 3/4  
Grade Type: EG



Cat. No. REP992A  
Size: 1/2 x 1 3/4 x 2 3/4  
Grade Type: EG



Three Wafers

Cat. No. REP1007  
Size: 1/2 x 1 x 1 3/4  
Grade Type: EG & G

## WESTINGHOUSE

Round Top Groove



Cat. No. REP2464  
Size: 1/2 x 1 x 1 1/2  
Grade Type: EG



Two Wafers

Cat. No. REP483  
Size: 5/8 x 1 1/2 x 2 1/4  
Grade Type: EG



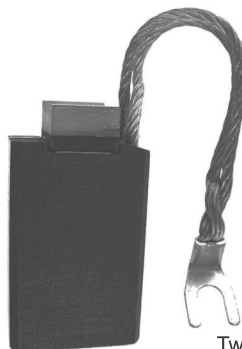
Cat. No. REP457  
Size: 5/8 x 1 1/4 x 2  
Grade Type: EG

## WESTINGHOUSE



Two Wafers

Cat. No. REP600W  
Size: 5/8 x 1 1/2 x 1 3/4  
Grade Type: EG



Two Wafers

Cat. No. REP597W  
Size: 5/8 x 1 x 1 1/2  
Grade Type: EG



Cat. No. REP442S  
Size: 5/8 x 1 1/4 x 1 3/4  
Grade Type: EG

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## WESTINGHOUSE



Two Wafers

Cat. No. REP1510  
 Size: 5/8 x 1 3/4 x 2 1/4  
 Grade Type: EG



Two Wafers

Cat. No. REP1009W  
 Size: 5/8 x 1 1/2 x 1 1/2  
 Grade Type: EG

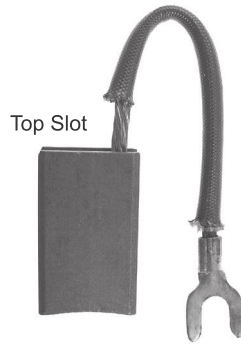


Cat. No. REP1001  
 Size: 5/8 x 1 1/2 x 2 1/4  
 Grade Type: EG

## WESTINGHOUSE



Cat. No. REP1192  
 Size: 5/8 x 1 3/4 x 2 1/4  
 Grade Type: EG



Top Slot

Cat. No. REP475B  
 Size: 3/4 x 3/8 x 1 1/4  
 Grade Type: MG



Cat. No. REP1320  
 Size: 3/4 x 1 1/2 x 2 1/2  
 Grade Type: EG

## WESTINGHOUSE



Two Wafers

Cat. No. REP601W  
 Size: 3/4 x 1 1/2 x 1 3/4  
 Grade Type: EG



Cat. No. REP582  
 Size: 3/4 x 1 1/4 x 2  
 Grade Type: EG



Cat. No. REP350A  
 Size: 3/4 x 3/8 x 1 1/2  
 Grade Type: EG

GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite

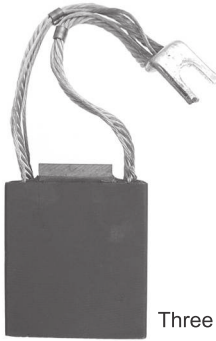


## WESTINGHOUSE



Two Wafers

Cat. No. REP1651A  
 Size: 3/4 x 1 x 1 1/2  
 Grade Type: EG



Three Wafers

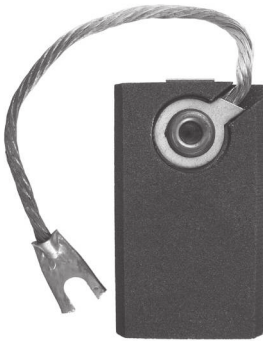
Cat. No. REP1026  
 Size: 3/4 x 1 1/2 x 1 3/4  
 Grade Type: EG + G



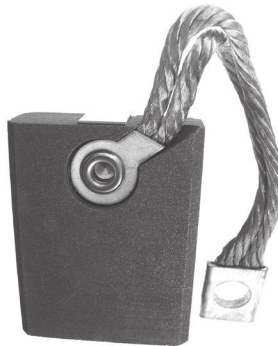
Two Wafers

Cat. No. REP1048  
 Size: 3/4 x 1 1/2 x 2 1/8  
 Grade Type: EG

## WESTINGHOUSE



Cat. No. REP1301  
 Size: 3/4 x 1 1/2 x 2 1/2  
 Grade Type: EG



Cat. No. REP351  
 Size: 3/4 x 2 x 2 1/2  
 Grade Type: EG

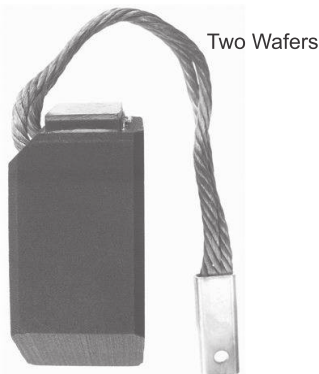


Cat. No. REP359  
 Size: 1 x 3/8 x 1 3/4  
 Grade Type: EG

## WESTINGHOUSE



Cat. No. REP396  
 Size: 1 x 3/8 x 1 3/4  
 Grade Type: CG



Two Wafers

Cat. No. REP3908  
 Size: 1 x 1 3/8 x 3  
 Grade Type: EG



Two Wafers

Cat. No. REP4411X  
 Size: 1 x 1 1/4 x 3 3/4  
 Grade Type: EG

**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



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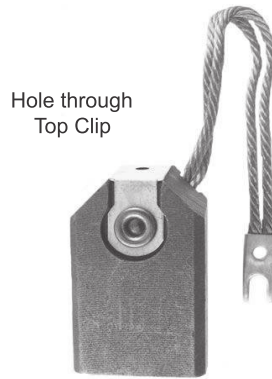
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## WESTINGHOUSE



Two Wafers

Cat. No. REP602W  
 Size: 1 x 1 1/2 x 1 3/4  
 Grade Type: EG



Hole through  
 Top Clip

Cat. No. REP1468  
 Size: 1 x 1 1/2 x 2 3/4  
 Grade Type: G



Cat. No. REP1799  
 Size: 1 x 2 x 2 1/4  
 Grade Type: CG

## WESTINGHOUSE



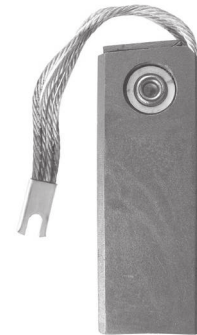
Hole through  
 Top Clip

Cat. No. REP752  
 Size: 1 1/2 x 1 x 2 1/2  
 Grade Type: G



Top Hole  
 in Carbon

Cat. No. REP429  
 Size: 1 1/2 x 1 x 2 1/2  
 Grade Type: EG



Cat. No. REP3346  
 Size: 1 1/2 x 1 x 4 1/8  
 Grade Type: G

## WESTINGHOUSE



Cat. No. REP617A  
 Size: 1 3/4 x 1/2 x 2  
 Grade Type: EG



Cat. No. REP560W  
 Size: 1 3/4 x 1/2 x 2  
 Grade Type: MG



Cat. No. REP445W  
 Size: 1 3/4 x 5/8 x 2 1/2  
 Grade Type: MG

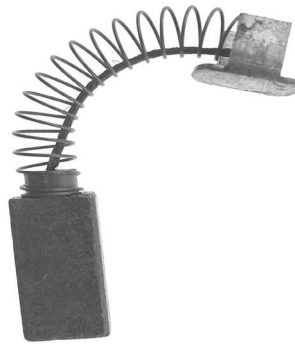
GRADE TYPE KEY: CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## MISCELLANEOUS



Cat. No. REP2931  
Size: 3/16 x 3/16 x 5/8  
Grade Type: G



Cat. No. REP2802  
Size: 3/16 x 5/16 x 3/4  
Grade Type: EG



Cat. No. REP3370  
Size: 1/4 x 7/16 x 7/8  
Grade Type: CG

## MISCELLANEOUS



Cat. No. REP356W  
Size: 1/4 x 1/2 x 7/8  
Grade Type: EG



Cat. No. REP2043  
Size: 1/4 x 3/4 x 1 1/2  
Grade Type: EG

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## LISTING BY SIZE

Cat. No.	Grade Material	Thickness	Width	Length	Page
REP1551B	MG	0.125	0.188	0.438	25
REP368W	EG	0.125	0.25	0.625	8
REP321	G	0.125	0.563	1	8
REP370	G	0.125	0.563	1	8
REP371	G	0.125	0.563	1	8
REP373	G	0.125	0.688	1	8
REP1025	MG	0.188	0.188	0.438	8
REP2931	G	0.188	0.188	0.625	39
REP2802	EG	0.188	0.313	0.75	39
REP637W	EG	0.188	0.625	0.875	21
REP375	G	0.219	0.563	0.875	8
REP376	G	0.219	0.563	1	8
REP1116W	G	0.221	0.65	1	4
REP1209	EG	0.25	0.25	0.625	4
REP636W	EG	0.25	0.25	0.625	6
REP324W	EG	0.25	0.25	0.875	9
REP1397	EG	0.25	0.375	0.75	4
REP307	EG	0.25	0.375	0.75	9
REP366W	G	0.25	0.375	0.875	9
REP383W	EG	0.25	0.375	0.875	9
REP323	G	0.25	0.375	1	8
REP379	G	0.25	0.375	1	9
REP380W	EG	0.25	0.375	1	9
REP381W	EG	0.25	0.375	1	9
REP3370	CG	0.25	0.438	0.875	39
REP302	CG	0.25	0.5	0.813	9
REP304	CG	0.25	0.5	0.875	10
REP356W	EG	0.25	0.5	0.875	39
REP427	EG	0.25	0.5	1	23
REP431	EG	0.25	0.5	1.25	6
REP676W	EG	0.25	0.625	0.813	22
REP367A	G	0.25	0.75	1.25	10
REP2043	EG	0.25	0.75	1.5	39
REP377	G	0.25	1	1	9
REP421	G	0.25	1.25	1.375	10
REP683	G	0.25	1.25	1.875	10
REP2885	G	0.252	0.394	0.75	21
REP4139	EG	0.281	0.875	1.25	23
REP622	G	0.297	0.875	0.875	24
REP623W	G	0.297	0.875	1.031	24
REP2657A	EG	0.313	0.313	0.625	22
REP1291W	EG	0.313	0.313	1	6
REP305W	CG	0.313	0.375	0.875	10

Cat. No.	Grade Material	Thickness	Width	Length	Page
REP1340W	G	0.313	0.438	1.063	5
REP624W	EG	0.313	0.438	1.125	4
REP1103B	CG	0.313	0.625	1.063	4
REP2185W	EG	0.313	0.625	1.125	4
REP384	G	0.313	0.688	1	10
REP630W	EG	0.313	0.75	1.25	5
REP399	EG	0.313	0.75	1.5	25
REP1462	G	0.313	1.25	1.25	24
REP3910	G	0.313	1.25	1.25	24
REP476A	EG	0.313	1.25	1.75	21
REP1064	EG	0.315	0.472	1.125	25
REP2484	EG	0.315	0.63	1.26	25
REP2202	EG	0.315	0.787	1.25	22
REP801	MG	0.362	0.232	0.812	32
REP2864	EG	0.375	0.375	1.25	6
REP471	EG	0.375	0.375	1.25	26
REP306W	CG	0.375	0.625	0.875	10
REP447	G	0.375	0.625	1	34
REP303W	CG	0.375	0.625	1.125	12
REP493C	EG	0.375	0.625	1.25	26
REP586	EG	0.375	0.625	1.25	22
REP603W	EG	0.375	0.625	1.25	33
REP326W	EG	0.375	0.75	1	26
REP387W	G	0.375	0.75	1	22
REP1267	G	0.375	0.75	1.125	5
REP327W	EG	0.375	0.75	1.125	22
REP1923W	EG	0.375	0.75	1.25	27
REP1980	EG	0.375	0.75	1.25	27
REP333	EG	0.375	0.75	1.25	33
REP408W	EG	0.375	0.75	1.25	11
REP631W	EG	0.375	0.75	1.25	5
REP648W	EG	0.375	0.75	1.25	11
REP311W	EG	0.375	0.75	1.5	25
REP453B	EG	0.375	0.75	1.5	33
REP332	EG	0.375	0.75	1.688	26
REP2199	G	0.375	0.787	0.813	22
REP632	EG	0.375	0.875	1.25	5
REP633	G	0.375	0.875	1.25	5
REP3461A	EG	0.375	0.875	1.5	6
REP551W	EG	0.375	1	1.063	12
REP2322	EG	0.375	1	1.156	6
REP669W	EG	0.375	1	1.188	11
REP1660W	EG	0.375	1	1.25	26

**GRADE TYPE KEY:** CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite



## LISTING BY SIZE

Cat. No.	Grade Material	Thickness	Width	Length	Page	Cat. No.	Grade Material	Thickness	Width	Length	Page
REP1843	EG	0.375	1	1.25	26	REP634W	EG	0.438	0.75	1.25	5
REP434A	EG	0.375	1	1.25	33	REP315W	EG	0.438	0.875	1.5	28
REP329W	EG	0.375	1	1.438	22	REP341S	EG	0.438	0.875	1.875	28
REP312W	EG	0.375	1	1.5	25	REP343A	EG	0.438	1.125	1.875	28
REP334W	EG	0.375	1	1.5	25	REP2248B	EG	0.492	1.26	1.5	28
REP490	EG	0.375	1	1.5	33	REP2860	EG	0.492	1.26	1.5	28
REP615B	EG	0.375	1	1.5	33	REP428	MG	0.5	0.375	1.5	23
REP449W	EG	0.375	1	1.75	33	REP2423	EG	0.5	0.375	1.75	23
REP767	EG	0.375	1	1.781	34	REP320	G	0.5	0.5	1	10
REP2308	EG	0.375	1	2	12	REP322	G	0.5	0.5	1	10
REP651	EG	0.375	1	2	11	REP612	G	0.5	0.625	1.25	34
REP652	G	0.375	1	2	12	REP360W	CG	0.5	0.625	1.438	13
REP653	EG	0.375	1	2	12	REP513	EG	0.5	0.75	2.25	13
REP1163B	EG	0.375	1.25	1.25	22	REP605A	EG	0.5	1	1.25	34
REP1195B	EG	0.375	1.25	1.25	26	REP2464	EG	0.5	1	1.5	35
REP1550C	EG	0.375	1.25	1.25	26	REP1007	EG & G	0.5	1	1.75	35
REP409	EG	0.375	1.25	1.25	11	REP444W	EG	0.5	1	1.75	34
REP313AW	EG	0.375	1.25	1.5	26	REP1248	EG	0.5	1	2	14
REP470	EG	0.375	1.25	1.75	11	REP403	EG	0.5	1	2	12
REP404	EG	0.375	1.25	2	11	REP419	G	0.5	1	2	12
REP656S	EG	0.375	1.25	2	11	REP479	EG	0.5	1	2	13
REP677	G	0.375	1.25	2	12	REP591	EG	0.5	1	2	13
REP336A	EG	0.375	1.375	1.5	25	REP3293	EG	0.5	1.25	1.25	29
REP337	EG	0.375	1.375	2.75	33	REP1115C	EG	0.5	1.25	1.5	29
REP2124	EG	0.375	1.5	1.25	27	REP316AW	EG	0.5	1.25	1.5	29
REP641	EG	0.375	1.5	2.25	11	REP448	EG	0.5	1.25	1.75	34
REP722	EG	0.375	1.5	2.5	12	REP415	EG	0.5	1.25	2	13
REP754	EG	0.375	1.75	2.75	33	REP659	EG	0.5	1.25	2	13
REP3594	EG	0.394	0.236	0.984	32	REP660W	EG	0.5	1.25	2	13
REP1355W	EG	0.394	0.63	1.25	27	REP345A	EG	0.5	1.375	1.875	29
REP1356	G	0.394	0.63	1.25	27	REP759	EG	0.5	1.375	2.75	35
REP2259	EG	0.394	0.63	1.25	32	REP317W	EG	0.5	1.5	1.5	29
REP3463	G	0.394	0.63	1.25	28	REP440	G	0.5	1.5	1.5	34
REP2335W	EG	0.394	0.787	1	27	REP640	EG	0.5	1.5	1.5	34
REP2499	EG	0.394	0.787	1.313	28	REP599W	EG	0.5	1.5	1.75	34
REP2270	EG	0.394	0.984	1.25	27	REP402W	EG	0.5	1.5	2	29
REP3151	G	0.394	0.984	1.26	32	REP2529A	EG	0.5	1.5	2.25	29
REP2429	EG	0.394	0.984	1.313	27	REP642	EG	0.5	1.5	2.25	13
REP1225W	EG	0.394	1.26	1.26	27	REP542	EG	0.5	1.5	2.5	13
REP2999	EG	0.394	1.26	1.26	28	REP686	EG	0.5	1.5	2.75	14
REP1721W	EG	0.398	0.88	1.5	5	REP1008W	EG	0.5	1.625	2.25	29
REP1835B	EG	0.433	1.26	1.43	5	REP992A	EG	0.5	1.75	2.75	35
REP340A	EG	0.438	0.75	1.25	28	REP325A	EG	0.625	0.25	1.25	7

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Email : popularcarbonbrush@gmail.com

## LISTING BY SIZE

Cat. No.	Grade Material	Thickness	Width	Length	Page
REP1444	EG	0.625	0.313	1.25	24
REP1764	EG	0.625	0.313	1.25	24
REP647W	G	0.625	0.5	1.938	14
REP597W	EG	0.625	1	1.5	35
REP407S	EG	0.625	1	2.125	15
REP679A	MG	0.625	1.25	1.438	14
REP442S	EG	0.625	1.25	1.75	35
REP1379W	EG	0.625	1.25	2	7
REP1407B	EG	0.625	1.25	2	7
REP457	EG	0.625	1.25	2	35
REP544W	EG	0.625	1.25	2.125	14
REP665W	EG	0.625	1.25	2.125	14
REP1031	EG	0.625	1.25	2.25	15
REP1250B	EG	0.625	1.25	2.25	30
REP663S	G	0.625	1.25	2.25	15
REP482	EG	0.625	1.25	2.5	15
REP3756	EG	0.625	1.25	3	15
REP1009W	EG	0.625	1.5	1.5	36
REP600W	EG	0.625	1.5	1.75	35
REP1030B	EG	0.625	1.5	2	15
REP466A	EG	0.625	1.5	2	30
REP502	EG	0.625	1.5	2	30
REP1001	EG	0.625	1.5	2.25	36
REP2721	EG	0.625	1.5	2.25	30
REP483	EG	0.625	1.5	2.25	35
REP565	EG	0.625	1.5	2.25	14
REP706	EG	0.625	1.5	2.25	15
REP547	EG	0.625	1.5	2.5	14
REP750	EG	0.625	1.5	2.75	15
REP1549C	EG	0.625	1.625	1.5	30
REP1817B	EG	0.625	1.625	1.5	30
REP318W	EG	0.625	1.625	2.375	30
REP1192	EG	0.625	1.75	2.25	36
REP1510	EG	0.625	1.75	2.25	36
REP646B	EG	0.625	1.75	2.25	14
REP2146	EG	0.625	1.75	2.5	30
REP349	EG	0.625	2	2.25	29
REP2469	EG	0.63	0.984	1.26	32
REP3501A	EG	0.63	0.984	1.5	32
REP2592	EG	0.63	0.984	1.57	31
REP3000W	EG	0.63	1.26	1.757	31
REP2243W	EG	0.63	1.575	1.575	31
REP2245A	EG	0.63	1.575	1.575	30

Cat. No.	Grade Material	Thickness	Width	Length	Page
REP3325	EG	0.688	1.625	2.5	31
REP475B	MG	0.75	0.375	1.25	36
REP350A	EG	0.75	0.375	1.5	36
REP564A	EG	0.75	0.5	1.75	6
REP1033	EG	0.75	0.75	2.5	17
REP1651A	EG	0.75	1	1.5	37
REP582	EG	0.75	1.25	2	36
REP550	EG	0.75	1.25	2.5	16
REP568	EG	0.75	1.25	2.5	16
REP1026	EG	0.75	1.5	1.75	37
REP601W	EG	0.75	1.5	1.75	36
REP1048	EG	0.75	1.5	2.125	37
REP474	EG	0.75	1.5	2.25	16
REP485C	EG	0.75	1.5	2.25	16
REP668W	EG	0.75	1.5	2.375	16
REP1301	EG	0.75	1.5	2.5	37
REP1320	EG	0.75	1.5	2.5	36
REP2279W	EG	0.75	1.5	2.75	31
REP2520W	EG	0.75	1.5	2.75	32
REP2871	EG	0.75	1.5	2.75	6
REP521W	EG	0.75	1.5	2.75	15
REP528W	EG	0.75	1.5	3.25	16
REP2083W	EG	0.75	1.625	2.5	31
REP487W	EG	0.75	1.75	2.25	16
REP516A	EG	0.75	1.75	2.75	16
REP351	EG	0.75	2	2.5	37
REP489	EG	0.75	2	2.5	16
REP410	MG	0.875	0.375	1.375	17
REP500W	EG	0.875	0.375	1.5	7
REP554W	EG	0.875	0.625	1.5	17
REP1766	EG	0.875	0.625	1.594	23
REP1147W	EG	0.875	0.625	1.625	7
REP1632W	EG	0.875	0.75	1.625	23
REP465W	EG	0.875	0.75	1.625	23
REP1955W	EG	0.875	1.5	2.5	31
REP469	EG	0.875	1.5	2.5	31
REP523W	EG	0.875	1.5	2.75	17
REP2109W	EG	0.875	1.5	3.188	6
REP2896W	EG	0.875	1.5	3.188	24
REP532W	EG	0.875	1.5	3.25	17
REP433W	EG	0.875	1.625	2.5	31
REP359	EG	1	0.375	1.75	37
REP396	EG	1	0.375	1.75	37

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# LISTING BY SIZE

Cat. No.	Grade Material	Thickness	Width	Length	Page	Cat. No.	Grade Material	Thickness	Width	Length	Page
REP344	CG	1	0.5	1.875	18	REP459W	EG	1.25	0.75	2.25	19
REP426W	EG	1	0.5	1.875	18	REP462	EG	1.25	0.75	2.25	19
REP463A	MG	1	0.5	1.875	18	REP567	G	1.25	0.75	2.25	19
REP2247A	EG	1	0.75	1.75	23	REP3324	G	1.25	0.75	2.75	20
REP1757	G	1	1.25	2.375	4	REP353	G	1.25	0.75	2.75	20
REP1600	EG	1	1.25	3	18	REP354	G	1.25	0.75	2.75	19
REP1052W	EG	1	1.25	3.25	17	REP3880	G	1.25	0.75	2.75	20
REP1092	EG	1	1.25	3.25	18	REP685	G	1.25	0.75	2.75	19
REP319	EG	1	1.25	3.25	18	REP775	G	1.25	0.75	2.75	20
REP507	EG	1	1.25	3.25	18	REP3820	G	1.25	0.75	3.25	20
REP510	EG	1	1.25	3.25	17	REP558W	EG	1.25	1	2.625	20
REP4411X	EG	1	1.25	3.75	37	REP3009	EG	1.25	1.25	3.25	19
REP3908	EG	1	1.375	3	37	REP1572	EG	1.25	1.25	3.5	20
REP602W	EG	1	1.5	1.75	38	REP2878	G	1.26	0.787	3.125	4
REP1468	G	1	1.5	2.75	38	REP2943	G	1.26	1.26	2.52	32
REP525W	EG	1	1.5	2.75	17	REP391A	MG	1.5	0.625	2.25	21
REP2135	EG	1	1.5	3.25	18	REP458W	MG	1.5	0.625	2.25	21
REP535W	EG	1	1.5	3.25	17	REP461W	EG	1.5	0.625	2.25	20
REP1799	CG	1	2	2.25	38	REP512	EG	1.5	0.625	2.25	21
REP2967B	EG	1.125	0.5	2	24	REP2050	EG	1.5	0.75	2.5	7
REP587	EG	1.125	0.5	2	24	REP429	EG	1.5	1	2.5	38
REP779A	EG	1.125	1.5	2	18	REP752	G	1.5	1	2.5	38
REP1018	EG	1.25	0.375	1.75	32	REP3853	G	1.5	1	3	21
REP2954	EG	1.25	0.5	2	7	REP1692	G	1.5	1	4	21
REP784	EG	1.25	0.5	2	7	REP2640A	G	1.5	1	4	21
REP460W	EG	1.25	0.625	2.25	19	REP3346	G	1.5	1	4.125	38
REP557W	EG	1.25	0.75	1.875	19	REP1020	G	1.5	1.5	3	4
REP1286W	EG	1.25	0.75	2	7	REP560W	MG	1.75	0.5	2	38
REP1297	G	1.25	0.75	2.25	20	REP617A	EG	1.75	0.5	2	38
REP1633A	G	1.25	0.75	2.25	19	REP445W	MG	1.75	0.625	2.5	38

### Fraction to Decimal Conversion Chart in Inches

<b>8ths</b>	<b>32nds</b>	<b>64ths</b>	<b>64ths - Cont.</b>
1/8 = .125	1/32 = .031	1/64 = .015	33/64 = .515
1/4 = .250	3/32 = .093	3/64 = .046	35/64 = .546
3/8 = .375	5/32 = .156	5/64 = .078	37/64 = .578
1/2 = .500	7/32 = .218	7/64 = .109	39/64 = .609
5/8 = .625	9/32 = .281	9/64 = .140	41/64 = .640
3/4 = .750	11/32 = .343	11/64 = .171	43/64 = .671
7/8 = .875	13/32 = .406	13/64 = .203	45/64 = .703
<b>16ths</b>	15/32 = .468	15/64 = .234	47/64 = .734
1/16 = .062	17/32 = .531	17/64 = .265	49/64 = .765
3/16 = .187	19/32 = .593	19/64 = .296	51/64 = .796
5/16 = .312	21/32 = .656	21/64 = .328	53/64 = .828
7/16 = .437	23/32 = .718	23/64 = .359	55/64 = .859
9/16 = .562	25/32 = .781	25/64 = .390	49/64 = .890
11/16 = .687	27/32 = .843	27/64 = .421	59/64 = .921
13/16 = .812	29/32 = .906	29/64 = .453	61/64 = .953
15/16 = .937	31/32 = .968	31/64 = .484	63/64 = .984

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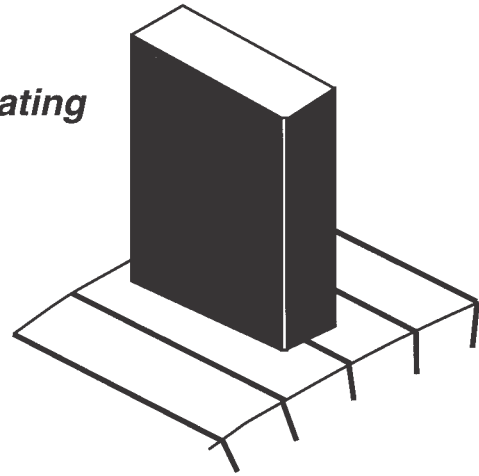


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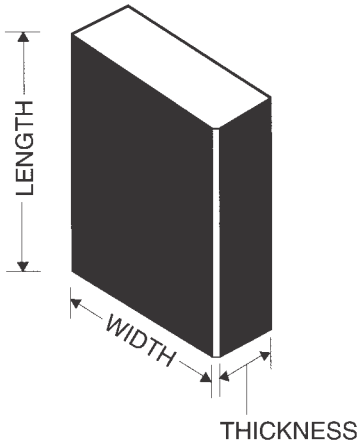
86, Building No 53, Malad Mumbai - 400064. INDIA  
Ph.: +91 96199 90967 | +91 82913 30338 | +91 98207 40415  
Email : popularcarbonbrush@gmail.com

# CARBON DIMENSION MEASUREMENTS

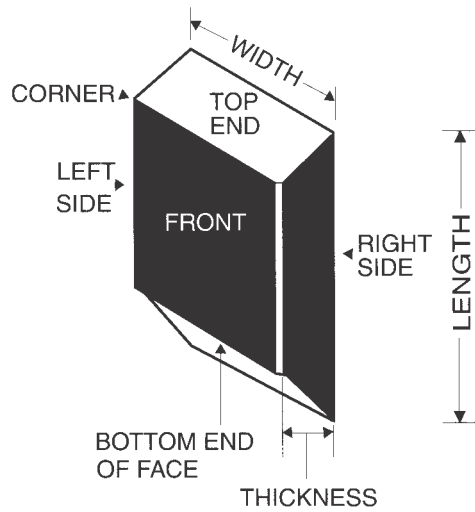
**Commutator Seating**



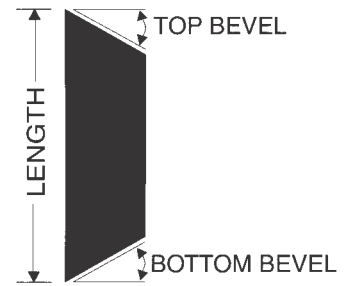
**Commutator Brush (No Bevels)**



**Commutator Brush (With Bevels)**

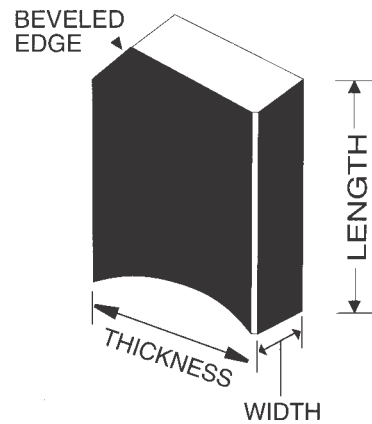
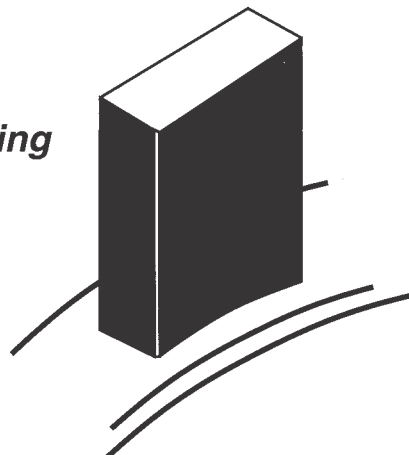


**SIDE VIEW**

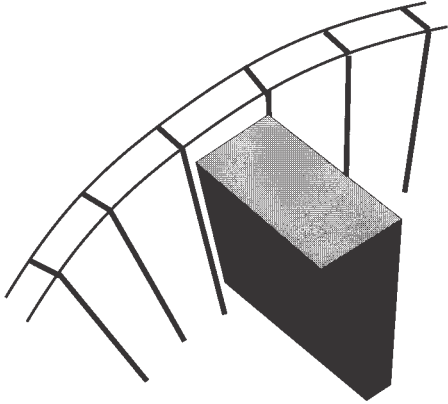


**Slip Ring Brush**

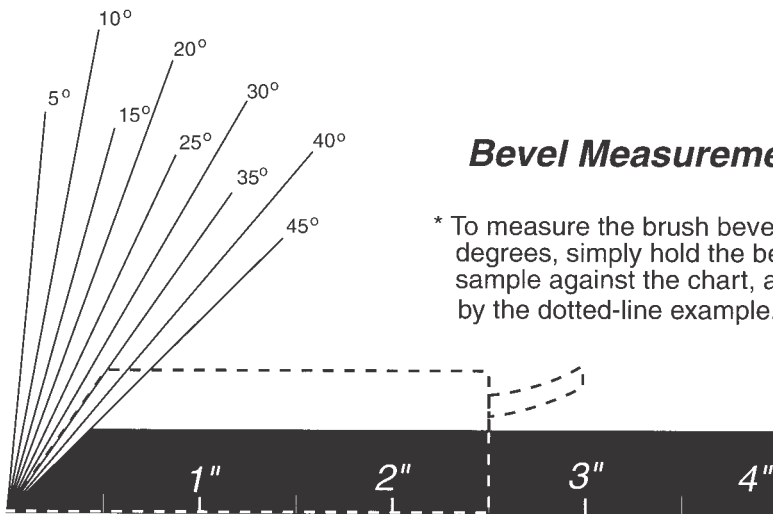
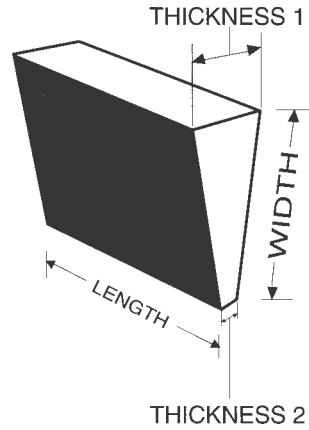
**Slip Ring Seating**



### Wedge-Shape Seating



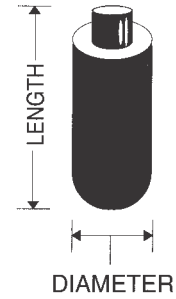
### Wedge-Shaped Brush



### Bevel Measurement\*

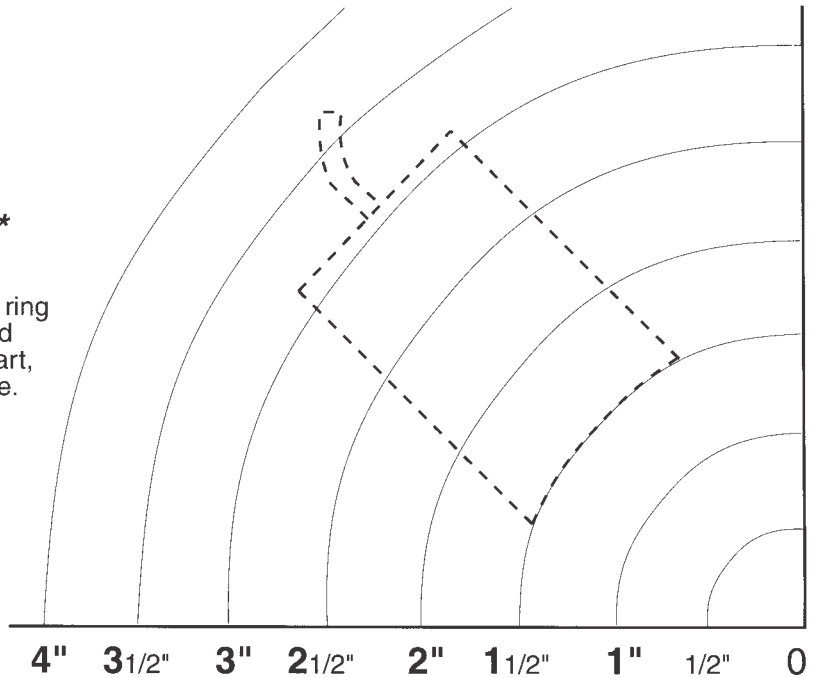
\* To measure the brush bevel in degrees, simply hold the beveled sample against the chart, as shown by the dotted-line example.

### Cylindrical Brush



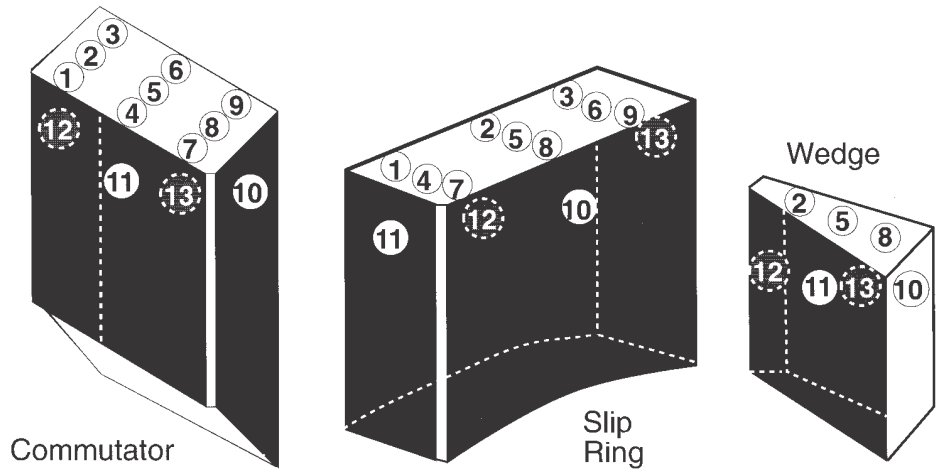
### Radius Measurement\*

\* To measure the diameter of the slip ring or commutator in inches, simply hold the radiused sample against the chart, as shown by the dotted-line example.

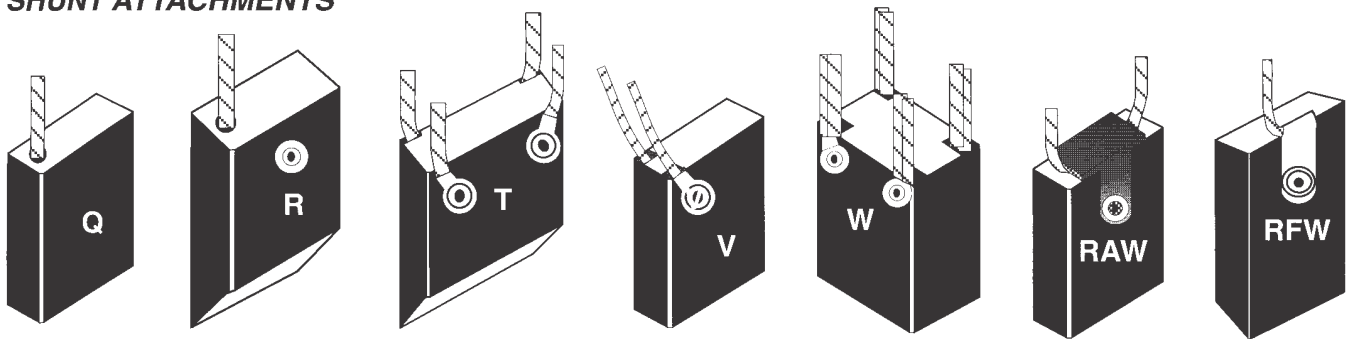


# SHUNTS & TERMINALS

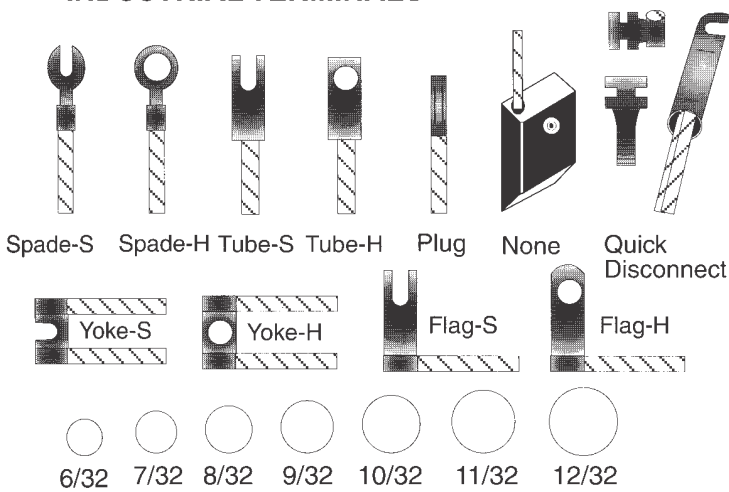
## SHUNT POSITIONS



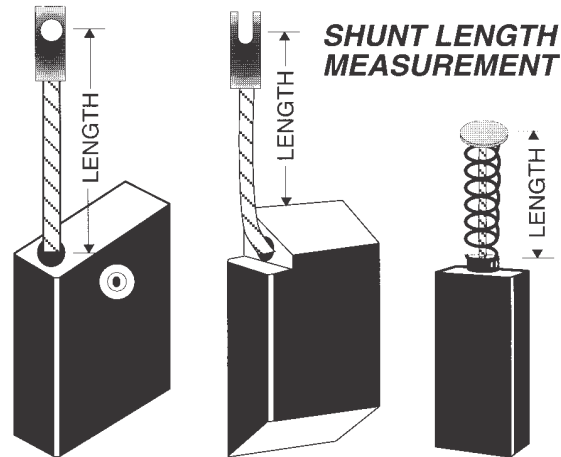
## SHUNT ATTACHMENTS



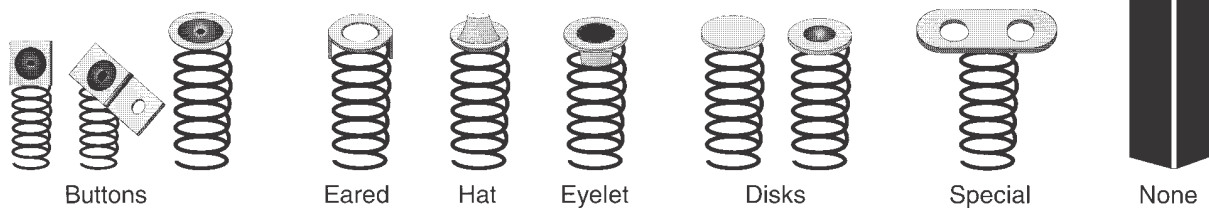
## INDUSTRIAL TERMINALS



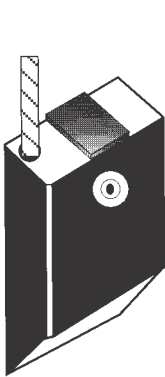
## SHUNT LENGTH MEASUREMENT



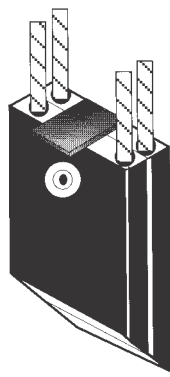
## FRACTIONAL TERMINALS



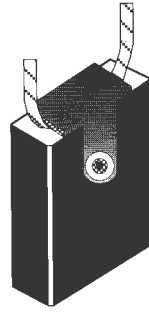
# HAMMER PLATES AND MICA & RUBBER HARD TOPS



*Type A*



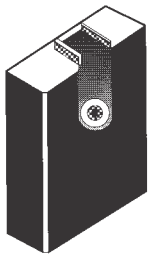
*Extended A*



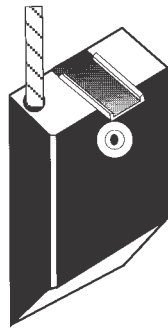
*Extra Wide A*



*Offset A*



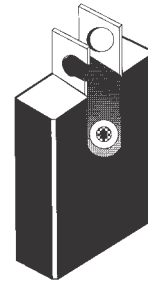
*Channel A*



*Extended Trough*



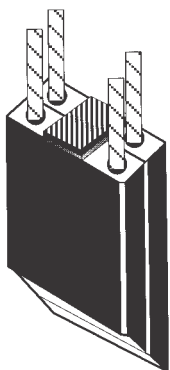
*Type D*



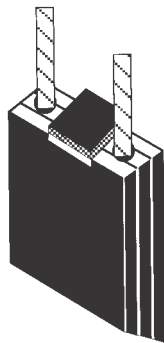
*Type B*



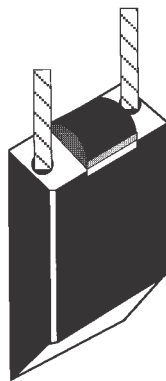
*Angular A*



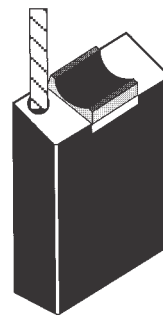
*Mica Pad*



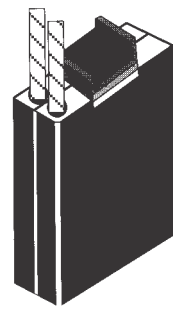
*Type V Pad*



*Convex P*

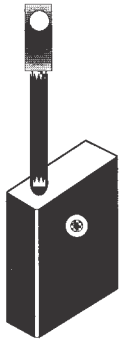


*Concave C*



*Channel Design T*

# SPECIAL FEATURES



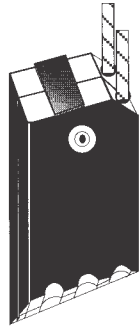
Insulated Shunt



Std. Bent Terminal



90° Bent Terminal



Bottom Fluting



Hole Drilled Through Top



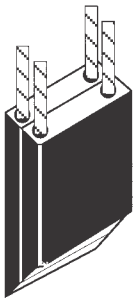
Single Hole



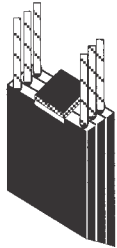
Double Hole



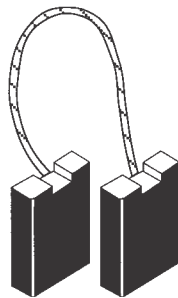
Counter-Sunk Hole



Duplex - Two Wafers



Triplex - Three Wafers



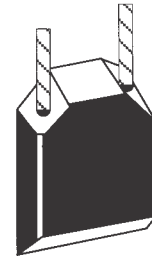
Two Carbons Connected in Pairs



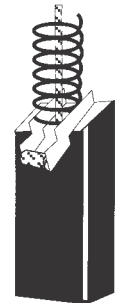
Beveled Corner



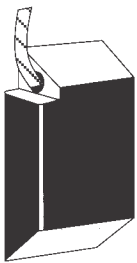
Beveled Edge



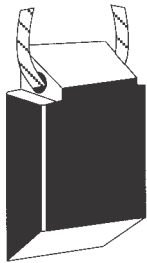
Double Beveled Edges



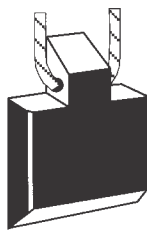
Roller on FHP Brush



Single Shoulder



Double Shoulder



Deep Double Shoulder



Top Center Slot



Slot with Beveled Edge



Beveled Slot



Partial Bevel



Round Top Groove



Round Top Groove With Beveled Edge



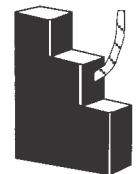
Top Groove



Convex Top



Plain, No Hardware



Multiple Shoulders



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