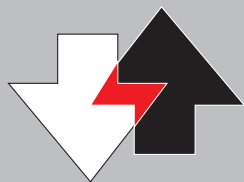


CARBON BRUSHES



REPCO

INTRODUCTION

Repco is the industry-leading source for replacement carbon brushes for industrial motors and generators. For more than 30 years Repco has built a solid reputation for superior product knowledge and customer service. We supply either OEM carbon brushes or a Repco lower-cost, alternative brush. Repco's quality carbon brushes are guaranteed to be equivalent in fit, form and function. The company product offering spans 30 motor manufacturers. Over 1500 different catalog items are stocked at our Marlton, NJ warehouse for industrial applications.

This catalog contains over 300 of the most popular brushes in the industrial replacement marketplace. All items pictured in this catalog are normal stock. All stock items ordered before 3:00 PM EST are guaranteed to ship the same day.

The main body of the catalog is arranged by motor manufacturer. Once you've identified the motor manufacturer, from the nameplate or other record, simply locate it in the Table of Contents on the opposite page and turn to the section given. The brushes within each OEM section are arranged in order of carbon thickness. **All carbon wafer measurements, whether fractional or decimal, are in US standard inches.**

The Repco catalog number, carbon wafer size and grade (material) type are listed under each brush. A grade type key is listed at the bottom of each page. The grade abbreviations are:

CG - Carbon Graphite • EG - Electrographitic • G - Graphite • MG - Metal Graphite

If you have physical dimensions or a sample of the brush, you can also help identify it by the Listing by Size section beginning on page 40. Simply locate the correct brush measurement and turn to the page to determine, from the photograph, if a sight match has been made.

All double and triple wafer brushes are identified. Many special features are also identified. The brush photos in the catalog are not actual size or proportional. The Reference section beginning on page 44 may also prove helpful in the identification process.

If you do not see what you need in this catalog please call 800-822-9190 for identification assistance. Our cross-reference file contains over 15,000 numbers. Our knowledgeable and experienced staff is able to identify and supply any industrial carbon brush. In rare instances, a sample may be needed for identification.

Please turn to the inside back cover for served markets.

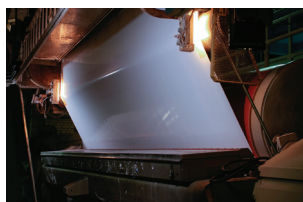
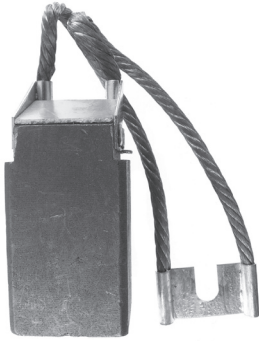


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ABB

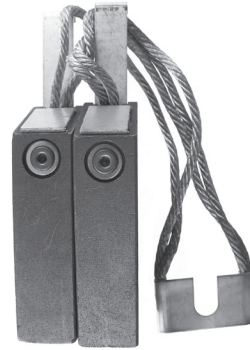


Cat. No. REP1020
Size: 1 1/2 x 1 1/2 x 3
Grade Type: G

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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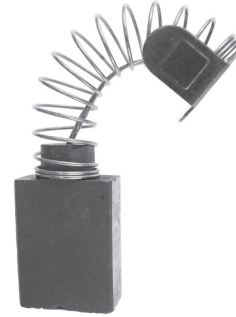
BALDOR



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



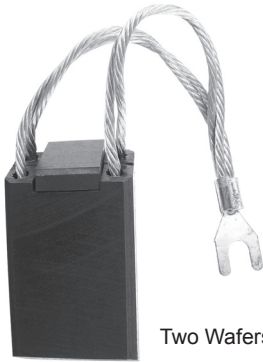
Cat. No. REP634W
Size: 7/16 x 3/4 x 1 1/4
Grade Type: EG

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



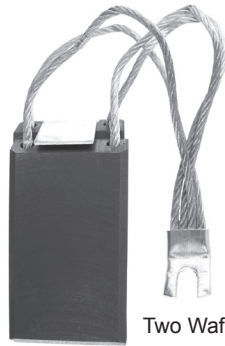
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BALDOR



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

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



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ELECTRIC MACHINERY



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



Two Wafers

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

EMERSON



Two Wafers

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



Two Wafers

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



Two Wafers

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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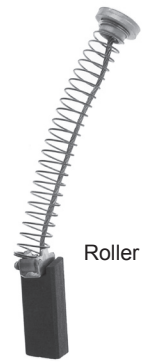
GENERAL ELECTRIC



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

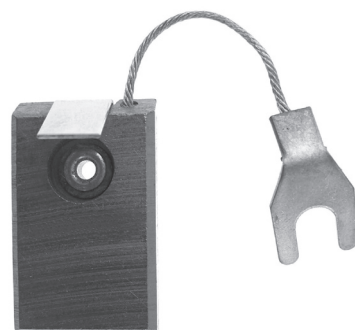
GENERAL ELECTRIC



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

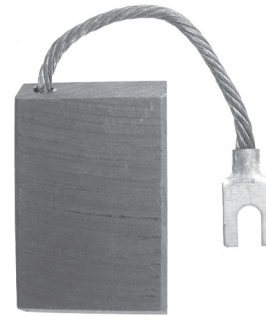
GENERAL ELECTRIC



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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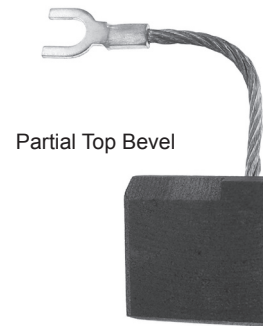
GENERAL ELECTRIC



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

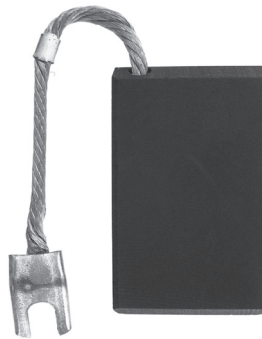


Cat. No. REP551W
Size: 3/8 x 1 x 1 1/16
Grade Type: EG

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

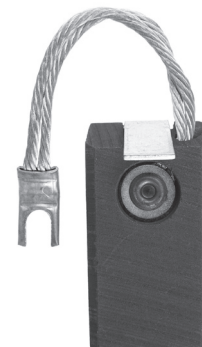
GENERAL ELECTRIC



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



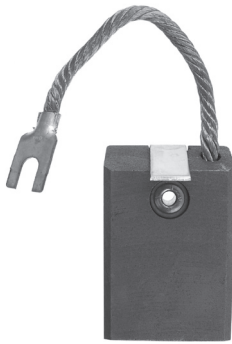
Cat. No. REP419
Size: 1/2 x 1 x 2
Grade Type: G

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

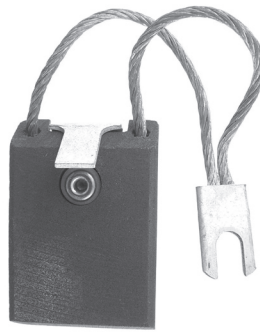


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GENERAL ELECTRIC



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

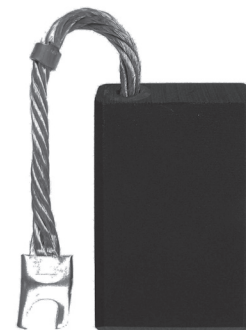


Cat. No. REP660W
Size: 1/2 x 1 1/4 x 2
Grade Type: EG



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

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



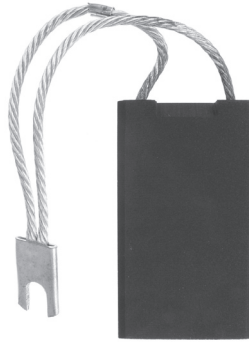
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GENERAL ELECTRIC



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

Beveled Center Slot



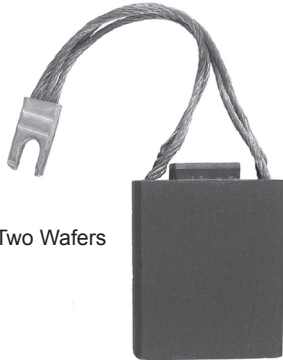
Cat. No. REP686
Size: 1/2 x 1 1/2 x 2 3/4
Grade Type: EG



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

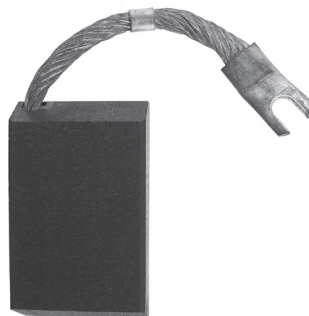


Cat. No. REP565
Size: 5/8 x 1 1/2 x 2 1/4
Grade Type: EG

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

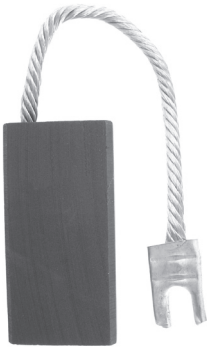
Cat. No. REP647W
Size: 5/8 x 1/2 x 1 15/16
Grade Type: G

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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

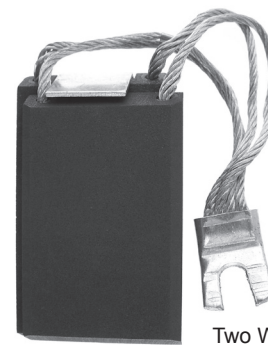
GENERAL ELECTRIC



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

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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



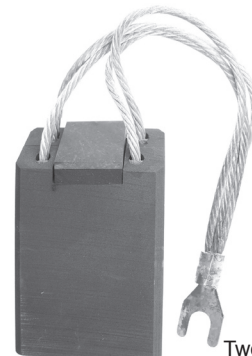
Two Wafers

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

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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

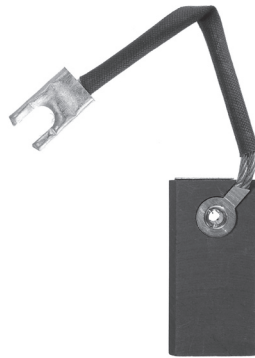


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GENERAL ELECTRIC



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

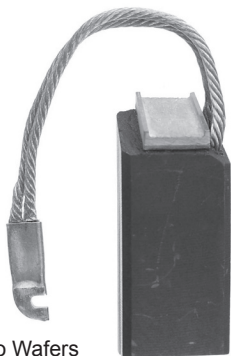
Cat. No. REP2135
Size: 1 x 1 1/2 x 3 1/4
Grade Type: EG



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



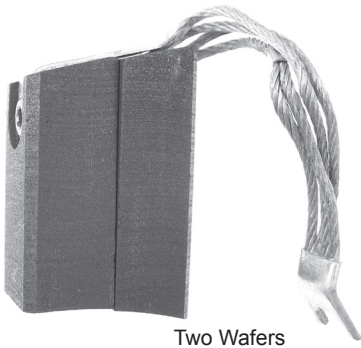
Cat. No. REP779A
Size: 1 1/8 x 1 1/2 x 2
Grade Type: EG

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



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GENERAL ELECTRIC



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

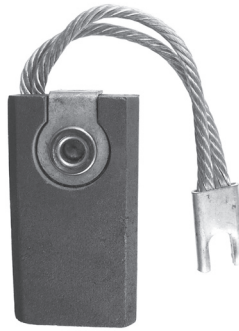


Cat. No. REP459W
Size: 1 1/4 x 3/4 x 2 1/4
Grade Type: EG

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



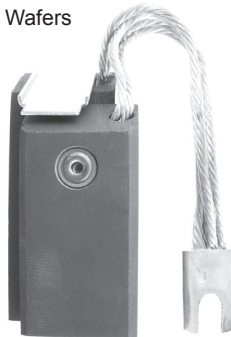
Cat. No. REP1633A
Size: 1 1/4 x 3/4 x 2 1/4
Grade Type: G

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



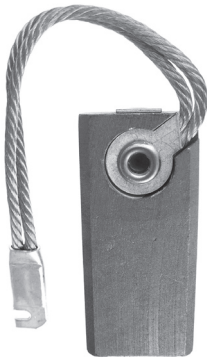
Cat. No. REP354
Size: 1 1/4 x 3/4 x 2 3/4
Grade Type: G

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

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



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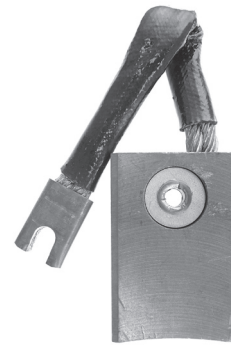
GENERAL ELECTRIC



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

IMPERIAL



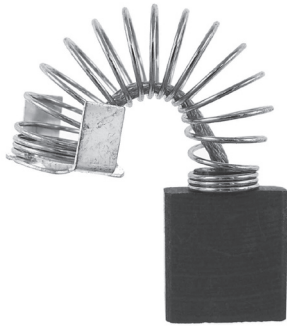
Cat. No. REP476A
Size: 5/16 x 1 1/4 x 1 3/4
Grade Type: EG

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

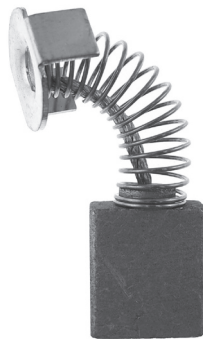


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INDIANA GENERAL



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



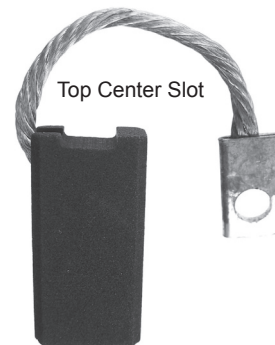
Cat. No. REP2199
Size: .375 x .787 x .813
Grade Type: G

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

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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

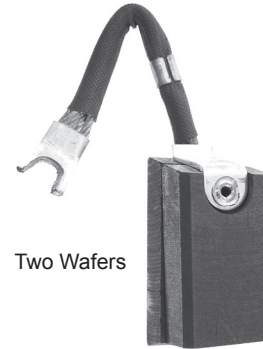


Cat. No. REP2768
Size: 3/4 x 3/8 x 1 1/2
Grade Type: EG



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



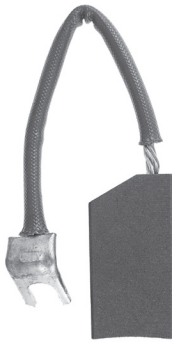
Cat. No. REP4139
Size: 9/32 x 7/8 x 1 1/4
Grade Type: EG

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



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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

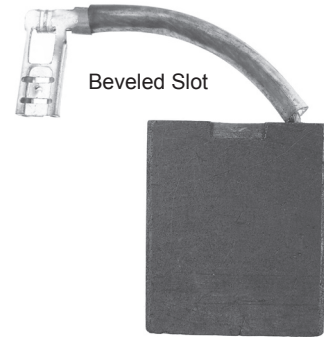


Cat. No. REP587
Size: 1 1/8 x 1/2 x 2
Grade Type: EG



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

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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

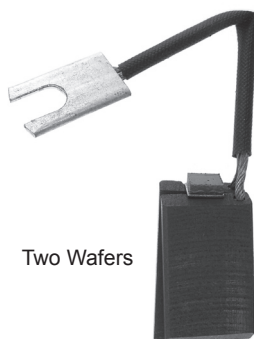


Cat. No. REP334W
Size: 3/8 x 1 x 1 1/2
Grade Type: EG

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

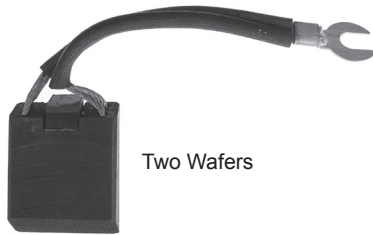
Cat. No. REP312W
Size: 3/8 x 1 x 1 1/2
Grade Type: EG

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



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RELIANCE



Two Wafers

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



Top Slot

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



Two Wafers

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



Two Wafers

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

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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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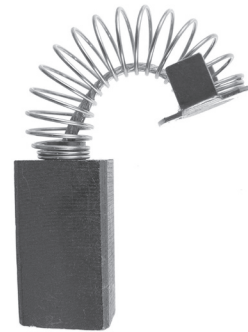
RELIANCE



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

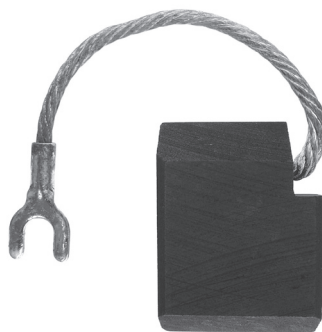


Cat. No. REP3463
Size: .394 x .630 x 1.260
Grade Type: G

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



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



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

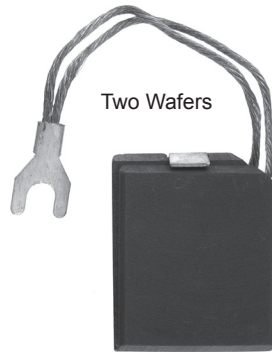


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RELIANCE



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

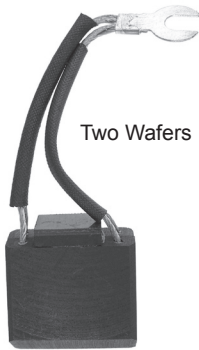


Cat. No. REP402W
Size: 1/2 x 1 1/2 x 2
Grade Type: EG

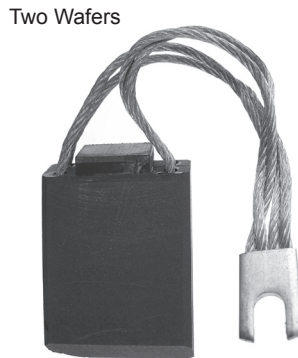


Cat. No. REP316AW
Size: 1/2 x 1 1/4 x 1 1/2
Grade Type: EG

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

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



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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



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RELIANCE



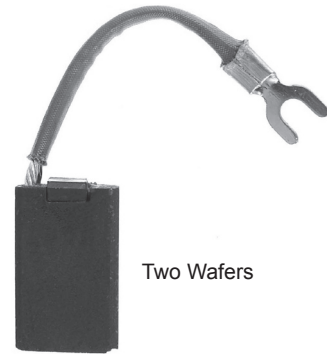
Two Wafers

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



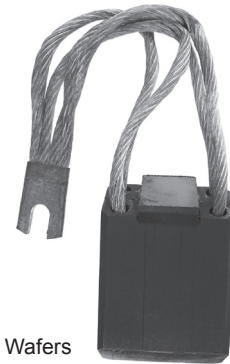
Two Wafers

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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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

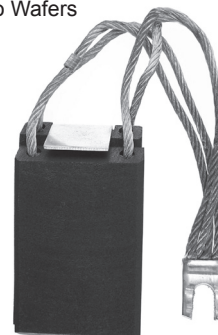
WARNER ELECTRIC BRAKE



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

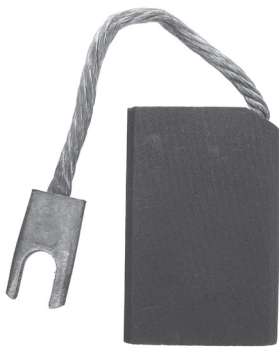


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WESTINGHOUSE



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

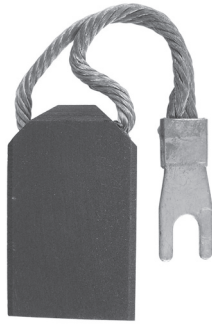


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WESTINGHOUSE



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

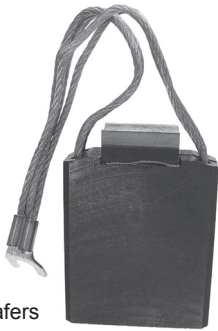


Cat. No. REP767
Size: 3/8 x 1 x 1 25/32
Grade Type: EG



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

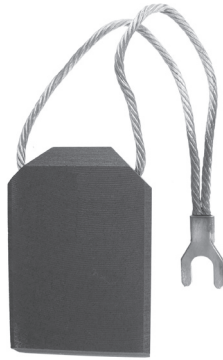


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WESTINGHOUSE



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



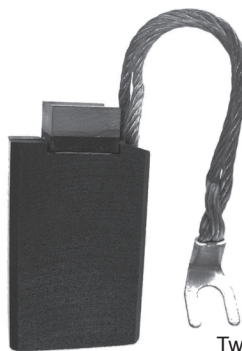
Cat. No. REP457
Size: 5/8 x 1 1/4 x 2
Grade Type: EG

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

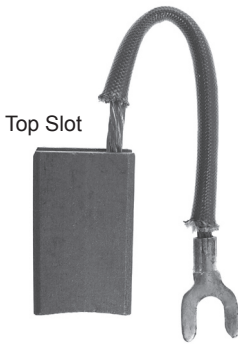


Cat. No. REP1001
Size: 5/8 x 1 1/2 x 2 1/4
Grade Type: EG

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

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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

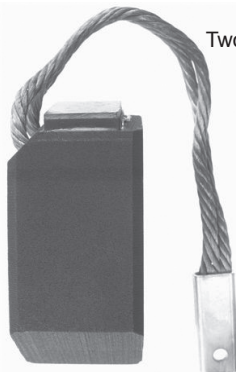


Cat. No. REP359
Size: 1 x 3/8 x 1 3/4
Grade Type: EG

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

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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

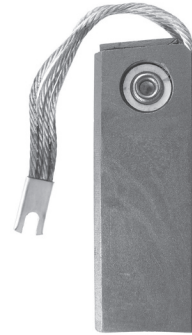


Cat. No. REP752
Size: 1 1/2 x 1 x 2 1/2
Grade Type: G

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

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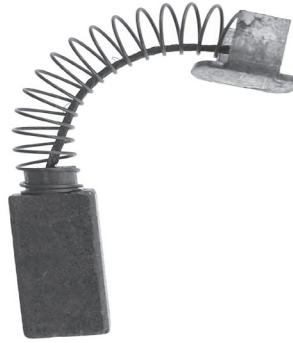


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MISCELLANEOUS



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

Repco 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

Repco 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

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Repco Cat. No.	Grade Material	Thickness	Width	Length	Page
REP1843	EG	0.375	1	1.25	26
REP434A	EG	0.375	1	1.25	33
REP329W	EG	0.375	1	1.438	22
REP312W	EG	0.375	1	1.5	25
REP334W	EG	0.375	1	1.5	25
REP490	EG	0.375	1	1.5	33
REP615B	EG	0.375	1	1.5	33
REP449W	EG	0.375	1	1.75	33
REP767	EG	0.375	1	1.781	34
REP2308	EG	0.375	1	2	12
REP651	EG	0.375	1	2	11
REP652	G	0.375	1	2	12
REP653	EG	0.375	1	2	12
REP1163B	EG	0.375	1.25	1.25	22
REP1195B	EG	0.375	1.25	1.25	26
REP1550C	EG	0.375	1.25	1.25	26
REP409	EG	0.375	1.25	1.25	11
REP313AW	EG	0.375	1.25	1.5	26
REP470	EG	0.375	1.25	1.75	11
REP404	EG	0.375	1.25	2	11
REP656S	EG	0.375	1.25	2	11
REP677	G	0.375	1.25	2	12
REP336A	EG	0.375	1.375	1.5	25
REP337	EG	0.375	1.375	2.75	33
REP2124	EG	0.375	1.5	1.25	27
REP641	EG	0.375	1.5	2.25	11
REP722	EG	0.375	1.5	2.5	12
REP754	EG	0.375	1.75	2.75	33
REP3594	EG	0.394	0.236	0.984	32
REP1355W	EG	0.394	0.63	1.25	27
REP1356	G	0.394	0.63	1.25	27
REP2259	EG	0.394	0.63	1.25	32
REP3463	G	0.394	0.63	1.25	28
REP2335W	EG	0.394	0.787	1	27
REP2499	EG	0.394	0.787	1.313	28
REP2270	EG	0.394	0.984	1.25	27
REP3151	G	0.394	0.984	1.26	32
REP2429	EG	0.394	0.984	1.313	27
REP1225W	EG	0.394	1.26	1.26	27
REP2999	EG	0.394	1.26	1.26	28
REP1721W	EG	0.398	0.88	1.5	5
REP1835B	EG	0.433	1.26	1.43	5
REP340A	EG	0.438	0.75	1.25	28

Repco Cat. No.	Grade Material	Thickness	Width	Length	Page
REP634W	EG	0.438	0.75	1.25	5
REP315W	EG	0.438	0.875	1.5	28
REP341S	EG	0.438	0.875	1.875	28
REP343A	EG	0.438	1.125	1.875	28
REP2248B	EG	0.492	1.26	1.5	28
REP2860	EG	0.492	1.26	1.5	28
REP428	MG	0.5	0.375	1.5	23
REP2423	EG	0.5	0.375	1.75	23
REP320	G	0.5	0.5	1	10
REP322	G	0.5	0.5	1	10
REP612	G	0.5	0.625	1.25	34
REP360W	CG	0.5	0.625	1.438	13
REP513	EG	0.5	0.75	2.25	13
REP605A	EG	0.5	1	1.25	34
REP2464	EG	0.5	1	1.5	35
REP1007	EG & G	0.5	1	1.75	35
REP444W	EG	0.5	1	1.75	34
REP1248	EG	0.5	1	2	14
REP403	EG	0.5	1	2	12
REP419	G	0.5	1	2	12
REP479	EG	0.5	1	2	13
REP591	EG	0.5	1	2	13
REP3293	EG	0.5	1.25	1.25	29
REP1115C	EG	0.5	1.25	1.5	29
REP316AW	EG	0.5	1.25	1.5	29
REP448	EG	0.5	1.25	1.75	34
REP415	EG	0.5	1.25	2	13
REP659	EG	0.5	1.25	2	13
REP660W	EG	0.5	1.25	2	13
REP345A	EG	0.5	1.375	1.875	29
REP759	EG	0.5	1.375	2.75	35
REP317W	EG	0.5	1.5	1.5	29
REP440	G	0.5	1.5	1.5	34
REP640	EG	0.5	1.5	1.5	34
REP599W	EG	0.5	1.5	1.75	34
REP402W	EG	0.5	1.5	2	29
REP2529A	EG	0.5	1.5	2.25	29
REP642	EG	0.5	1.5	2.25	13
REP542	EG	0.5	1.5	2.5	13
REP686	EG	0.5	1.5	2.75	14
REP1008W	EG	0.5	1.625	2.25	29
REP992A	EG	0.5	1.75	2.75	35
REP325A	EG	0.625	0.25	1.25	7

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LISTING BY SIZE

RepcO 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

RepcO 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

Repco Cat. No.	Grade Material	Thickness	Width	Length	Page
REP344	CG	1	0.5	1.875	18
REP426W	EG	1	0.5	1.875	18
REP463A	MG	1	0.5	1.875	18
REP2247A	EG	1	0.75	1.75	23
REP1757	G	1	1.25	2.375	4
REP1600	EG	1	1.25	3	18
REP1052W	EG	1	1.25	3.25	17
REP1092	EG	1	1.25	3.25	18
REP319	EG	1	1.25	3.25	18
REP507	EG	1	1.25	3.25	18
REP510	EG	1	1.25	3.25	17
REP4411X	EG	1	1.25	3.75	37
REP3908	EG	1	1.375	3	37
REP602W	EG	1	1.5	1.75	38
REP1468	G	1	1.5	2.75	38
REP525W	EG	1	1.5	2.75	17
REP2135	EG	1	1.5	3.25	18
REP535W	EG	1	1.5	3.25	17
REP1799	CG	1	2	2.25	38
REP2967B	EG	1.125	0.5	2	24
REP587	EG	1.125	0.5	2	24
REP779A	EG	1.125	1.5	2	18
REP1018	EG	1.25	0.375	1.75	32
REP2954	EG	1.25	0.5	2	7
REP784	EG	1.25	0.5	2	7
REP460W	EG	1.25	0.625	2.25	19
REP557W	EG	1.25	0.75	1.875	19
REP1286W	EG	1.25	0.75	2	7
REP1297	G	1.25	0.75	2.25	20
REP1633A	G	1.25	0.75	2.25	19

Repco Cat. No.	Grade Material	Thickness	Width	Length	Page
REP459W	EG	1.25	0.75	2.25	19
REP462	EG	1.25	0.75	2.25	19
REP567	G	1.25	0.75	2.25	19
REP3324	G	1.25	0.75	2.75	20
REP353	G	1.25	0.75	2.75	20
REP354	G	1.25	0.75	2.75	19
REP3880	G	1.25	0.75	2.75	20
REP685	G	1.25	0.75	2.75	19
REP775	G	1.25	0.75	2.75	20
REP3820	G	1.25	0.75	3.25	20
REP558W	EG	1.25	1	2.625	20
REP3009	EG	1.25	1.25	3.25	19
REP1572	EG	1.25	1.25	3.5	20
REP2878	G	1.26	0.787	3.125	4
REP2943	G	1.26	1.26	2.52	32
REP391A	MG	1.5	0.625	2.25	21
REP458W	MG	1.5	0.625	2.25	21
REP461W	EG	1.5	0.625	2.25	20
REP512	EG	1.5	0.625	2.25	21
REP2050	EG	1.5	0.75	2.5	7
REP429	EG	1.5	1	2.5	38
REP752	G	1.5	1	2.5	38
REP3853	G	1.5	1	3	21
REP1692	G	1.5	1	4	21
REP2640A	G	1.5	1	4	21
REP3346	G	1.5	1	4.125	38
REP1020	G	1.5	1.5	3	4
REP560W	MG	1.75	0.5	2	38
REP617A	EG	1.75	0.5	2	38
REP445W	MG	1.75	0.625	2.5	38

Fraction to Decimal Conversion Chart in Inches

8ths	32nds	64ths	64ths - Cont.
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
16ths	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	57/64 = .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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GRADES

Carbon brushes provide the electrical contact between the stationary and rotating parts of DC machines. The brushes carry the load current into the rotating parts of commutator and slip ring motors.

The grade of the brush is usually found stamped on the face of the carbon. The grade indicates the material composition of the brush. It represents one of the more technical challenges in carbon brush applications. The correct brush grade is important for good commutator and ring wear, maximum brush life and motor performance.

Brush grades are usually classified according to the manufacturing processes and the types of materials used. The different grades in use today are derived through a variation of raw materials, molding pressures, temperature, duration of the baking process and after-treatments. These elements produce varied resistivity, hardness, and strength that in turn affect contact drop, friction, and commutator filming. All grades fall within the four major categories of carbon graphite, electrographitic, graphite, and metal graphite. The major characteristics of each category and a summary are listed on the opposite page.

There are only a few major carbon block makers in the world. Each of these manufacturers can make as many as 100 different grades. Each grade is designed to perform under certain operating conditions. Careful consideration is given to the actual running loads, the duty cycle, voltage, speed, and the environment. Repco supplies product from these major carbon manufacturers.

In addition, there are also carbon brush fabricators. A fabricator purchases carbon block, cuts it to size, adds hardware, and stamps its own grade designation on the face of the brush. Over the years, this practice has greatly added to the number of grades in the marketplace today. Our computer cross-reference system allows us to identify OEM and aftermarket brushes.

Therefore, Repco Inc. can supply carbon brushes for any industrial motor. Each industry has unique environmental and operational challenges. Our application experts can recommend the best option to meet customer requirements.

It's important that different brush grades are not mixed in the same machine. No motor manufacturer recommends this practice.

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CARBON-GRAPHITE BRUSHES made their entrance early in the brush industry. Their properties of high hardness, material strength, and pronounced cleaning action usually give long brush life under severe operating conditions, although they may not commute as well as those with softer grades. These grades are limited to lower current densities and are used on slower machines, particularly those with flush mica commutators. The high friction generated with this type of material also makes it unattractive for some modern day applications.

METAL GRAPHITE BRUSHES are generally made from natural graphite and finely divided metal powders. Copper is the most common metallic constituent, but tin, silver, and lead are also used. This material is ideal for a variety of applications because of its low resistivity. Metal graphites are used on commutators of plating generators and wound rotor induction motors where low voltage and high brush current densities are encountered. They are also used for grounding brushes because of their low contact drop. These brushes exhibit a definite polishing action.

ELECTROGRAPHITIC BRUSHES are baked at temperatures in excess of 2400°C. This process physically gives the material more of a graphitic structure. They generally have good commutating characteristics but may not always be used because of high currents or severe mechanical or atmospheric conditions. This material is fairly porous which permits treatment with organic resins. The treatments increase strength and lubricating ability which in turn helps increase brush life. These brushes are generally free from abrasive ash.

GRAPHITE BRUSHES are composed of natural or artificial graphite bonded with resin or pitch to form a soft brush material. Natural graphite usually contains ash, which gives the brush an abrasive cleaning action. The fast filming properties of these brushes is beneficial in protecting the commutator or slip ring during operation in contaminated atmospheres. Their low porosity is also valuable in reducing commutator threading. They are not capable, however, of sustained operation at high currents like electrographitic materials.

GRADE APPLICATION SUMMARY

CARBON-GRAPHITE

- Used on older machines
- High strength and hardness
- Low resistance & poor commutation
- For machines that require some polishing action
- Generally, slower speed machines: cranes, hoists, elevators & welders

METAL GRAPHITE

- Good for current densities
- Low contact drop
- Polishing action
- Metal content application:
50% - **material handling, battery charging & welding generators**
60% - **plating generators & rings**
75% & up - **rings & grounding brushes**

GRAPHITE

- Good film characteristics
- Smooth ride
- Reduces threading
- Thermally limited
- Generally used on slip rings & FHP motors

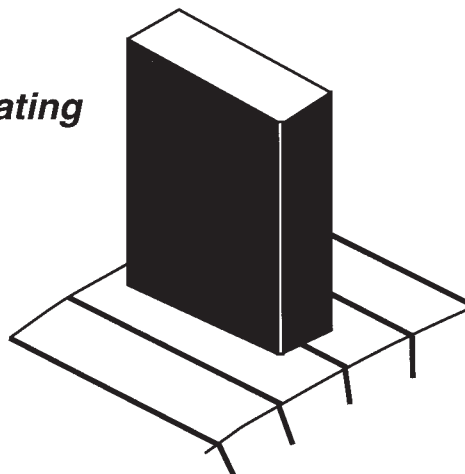
ELECTROGRAPHITIC

- Good commutating ability
- Adequate strength with low abrasiveness
- Good friction characteristics
- Versatile
- Resistance, strength, hardness, and density can be controlled through raw material combinations
- Very widely used today in all types of **motors & generators for: steel and paper mills, excavation, cement, transportation & aerospace**

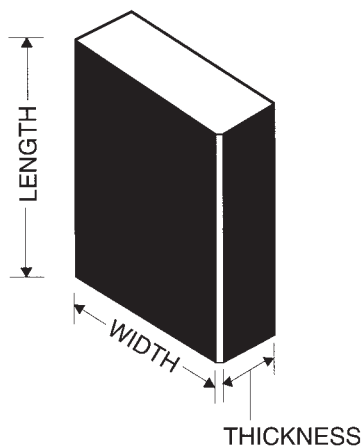


CARBON DIMENSION MEASUREMENTS

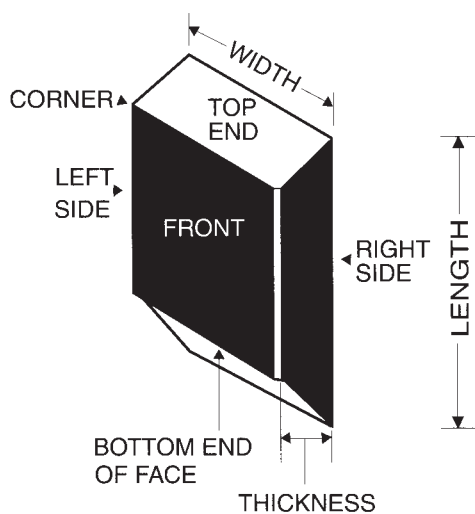
Commutator Seating



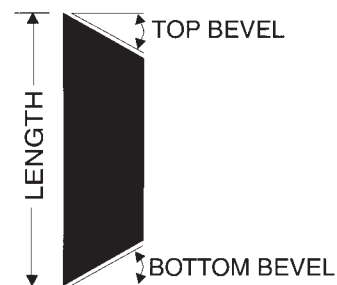
**Commutator Brush
(No Bevels)**



**Commutator Brush
(With Bevels)**

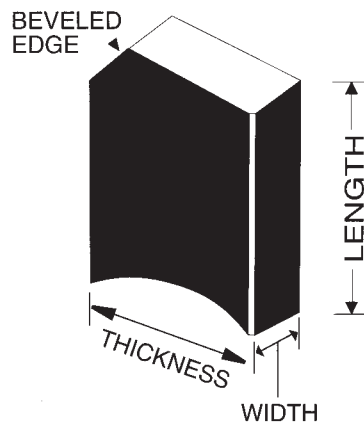
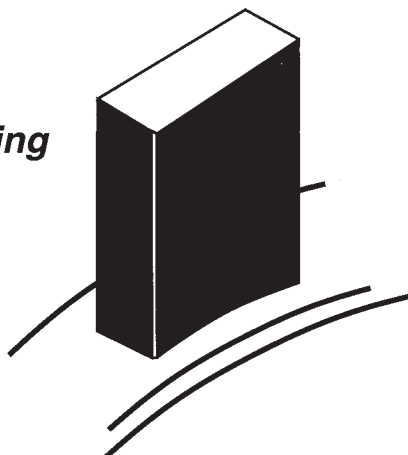


SIDE VIEW

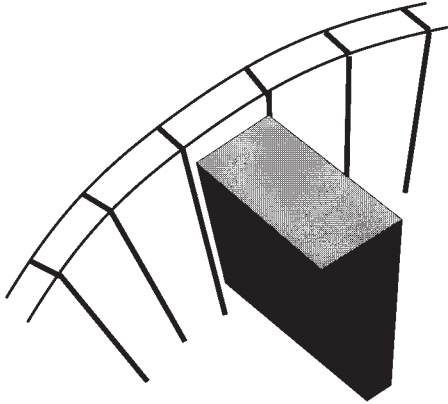


Slip Ring Brush

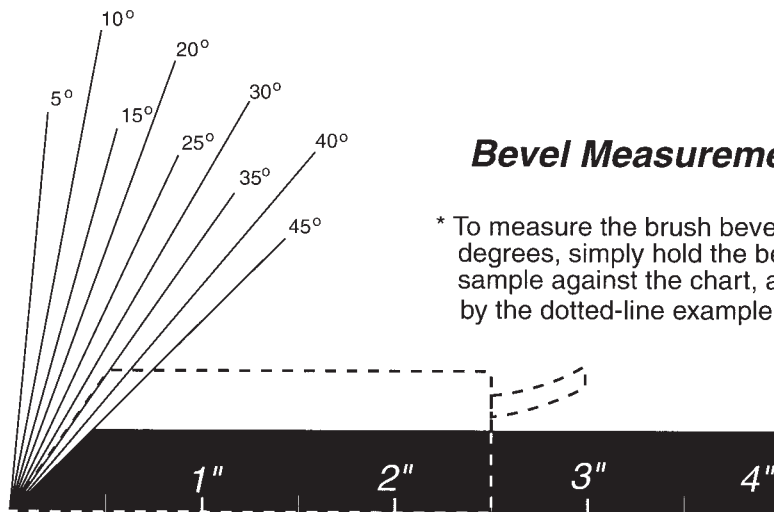
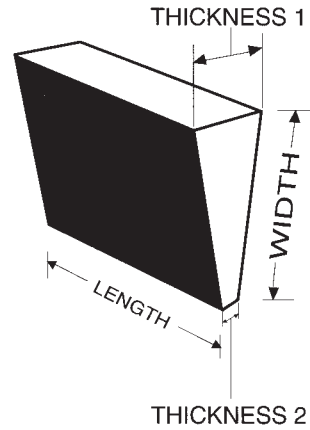
Slip Ring Seating



Wedge-Shape Seating



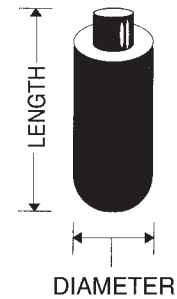
Wedge-Shaped Brush



Bevel Measurement*

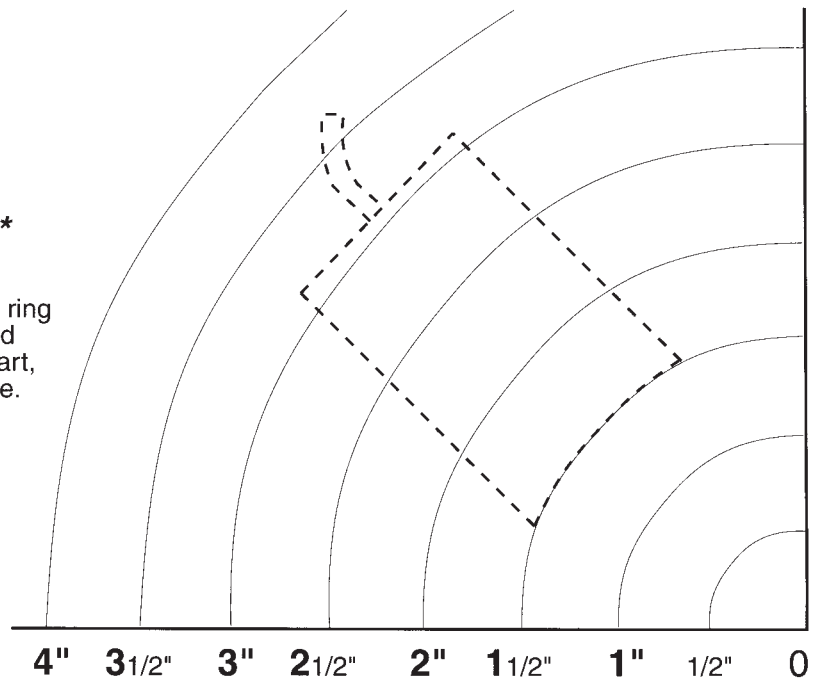
* To measure the brush bevel in degrees, simply hold the beveled sample against the chart, as shown by the dotted-line example.

Cylindrical Brush



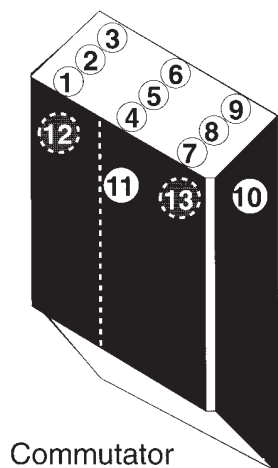
Radius Measurement*

* 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.

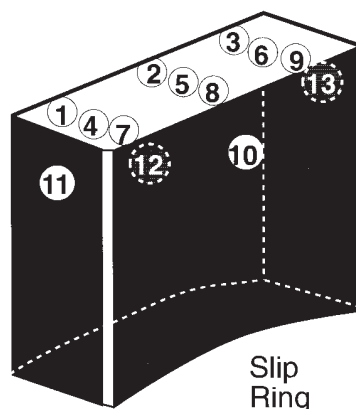


SHUNTS & TERMINALS

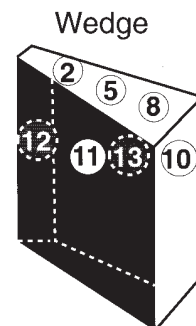
SHUNT POSITIONS



Commutator

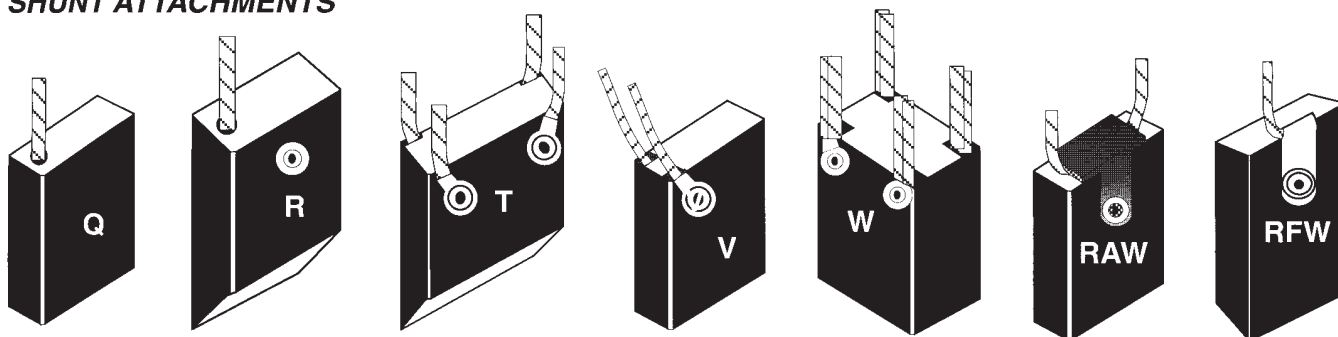


Slip Ring

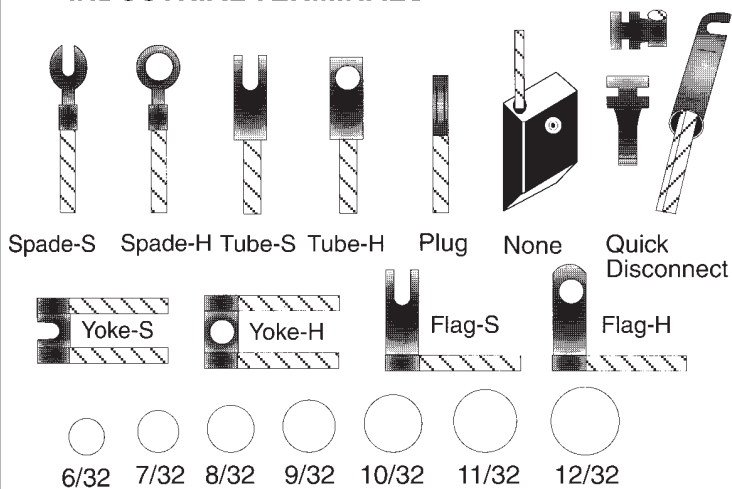


Wedge

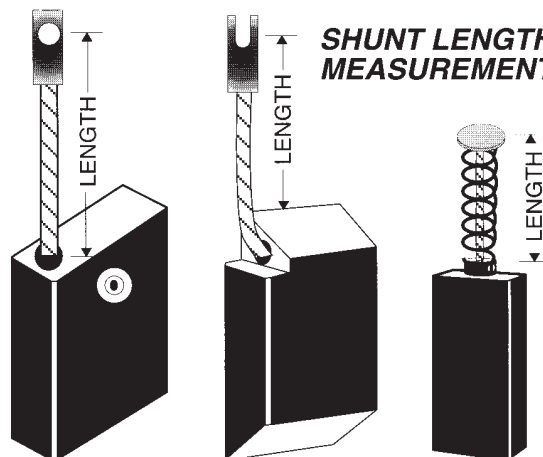
SHUNT ATTACHMENTS



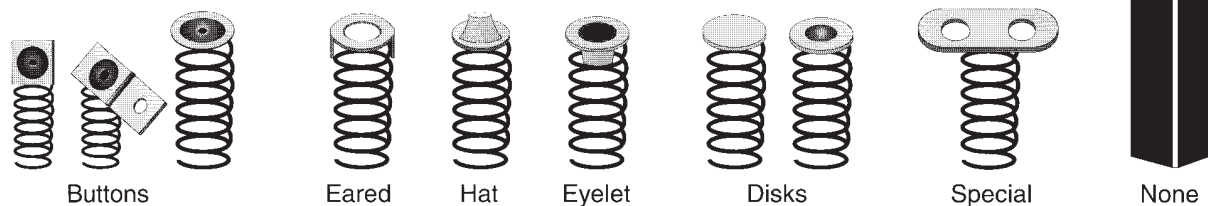
INDUSTRIAL TERMINALS



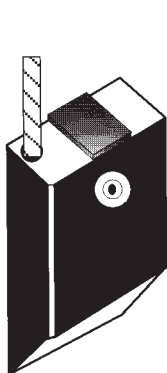
SHUNT LENGTH MEASUREMENT



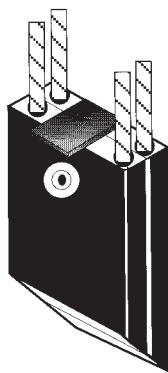
FRACTIONAL TERMINALS



HAMMER PLATES AND MICA & RUBBER HARD TOPS



Type A



Extended A



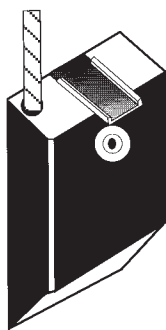
Extra Wide A



Offset A



Channel A



Extended Trough



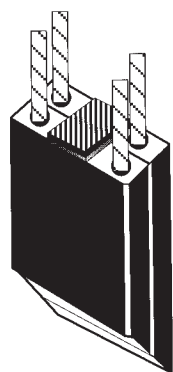
Type D



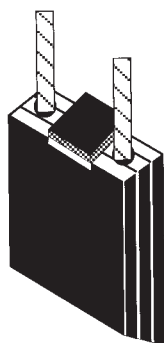
Type B



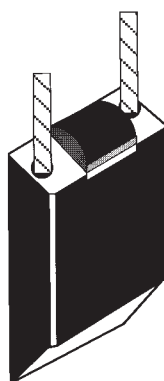
Angular A



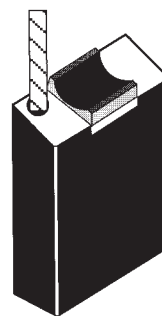
Mica Pad



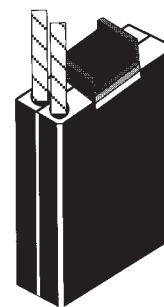
Type V Pad



Convex P

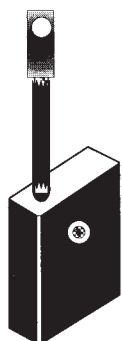


Concave C



Channel Design T

SPECIAL FEATURES



Insulated
Shunt



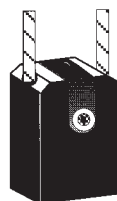
Std. Bent
Terminal



90° Bent
Terminal



Bottom
Fluting



Hole Drilled
Through Top



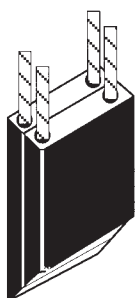
Single
Hole



Double
Hole



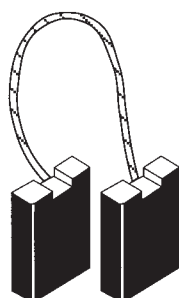
Counter-
Sunk Hole



Duplex -
Two Wafers



Triplex -
Three Wafers



Two Carbons Con-
nected in Pairs



Beveled
Corner



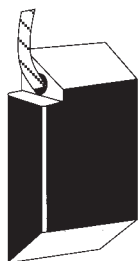
Beveled
Edge



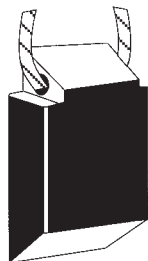
Double Bev-
eled Edges



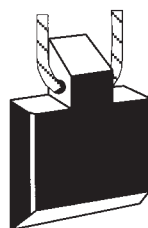
Roller on
FHP Brush



Single
Shoulder



Double
Shoulder



Deep Double
Shoulder



Top Cen-
ter Slot



Slot with
Beveled Edge



Beveled
Slot



Partial
Bevel



Round
Top Groove



Round Top Groove
With Beveled Edge



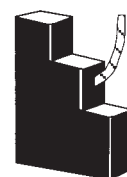
Top
Groove



Convex
Top



Plain, No
Hardware



Multiple
Shoulders

THE MARKETS WE SERVE:

General Industrial

- Fractional HP motors
- Integral HP motors
- Slip ring generators

Power Generation

- High-speed turbines
- Low-speed generators
- Wind generators

Elevators

- Hoist motors
- Generators

Metalworking

- Mill motors
- Drive motors
- Cold rolling motors
- Hot rolling motors
- Conveyors
- Generators
- Tin line motors
- Shearer motors
- Cranes & Hoists

Mining

- Dragline and shovel motors
- Traction motors
- Conveyors
- Fan motors
- Hoists
- Generators

Traction & Transit

- Diesel electric
- DC rapid transit
- Blower motors
- HVAC
- Auxiliary motors

Pulp & Paper

- Drive motors
- Generators
- Dry end motors
- Wet end motors
- Cranes & Hoists

Port & Harbor

- Hoists
- Traction motors
- Drive motors
- Shipboard

Plastic

- Kneader motors
- Generators
- Drive motors
- Fan motors

ELECTRICAL CONTACTS



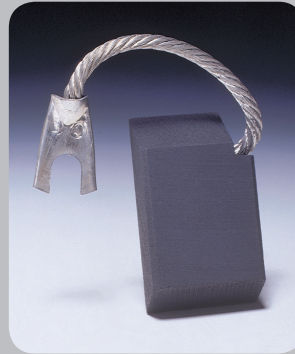
This catalog features replacement electrical contacts for AC and DC industrial motor controls. Repco provides a fully guaranteed quality, lower-cost alternative to OEM contact tips and kits for NEMA and IEC starters.

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6 Eves Drive • Marlton, NJ 08053
TOLL FREE: (800) 822-9190 • FAX FREE: (800) 424-9224
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