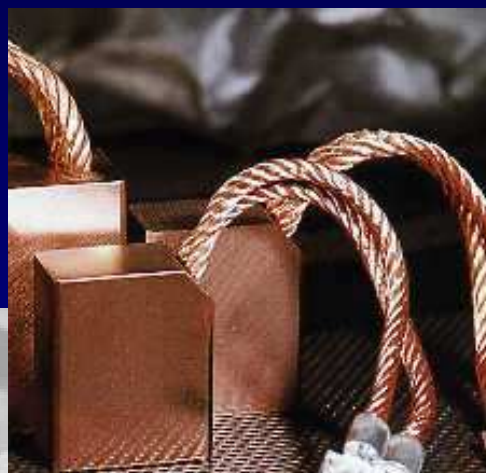


electrical applications



Our experience supports the best solutions...



*Specialists in advanced materials for
electrical applications*



Carbones y Sistemas, S.L.L.

C/ Av. Los Pocillos, 10

Nave 1 - P.I. La Carrehuela
28340 Valdemoro (Madrid)

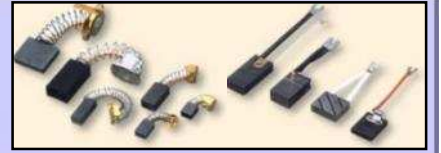
Tel.: +34 91 895 38 80

Fax: +34 91 809 23 46

mail@carbosystem.com

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electrical applications



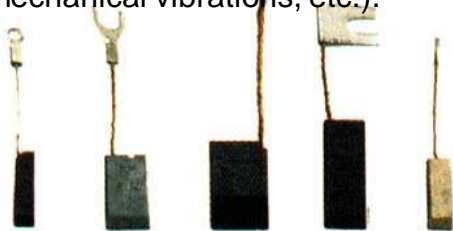
brushers

Our products for electric applications, are based on premium raw material from the main graphite manufacturers. Within our product spectrum, we may highlight BRUSHERS, BRUSH HOLDERS AND STRIPS, as the most important within the electric applications field.

BRUSHERS

Carbosystem has the required amount of qualities to reply any kind of application.

In any case, it is important to know technical data about the type of motor and work conditions (load, environment, chemical conditions, mechanical vibrations, etc.).



APPLICATIONS:

- High power D.C. motors
- A.C. motors
- Slip Rings
- Tachometric dynamos
- Micro-motors
- Turbo-alternators
- Linear motors
- Lifting machines

QUALITIES:

- Carbon graphite
- Graphite + Resin
- Graphite + Metal
- Electro-graphites



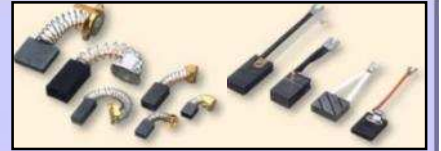
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brushers

QUALITIES

■ CARBON GRAPHITE

They are appropriate for low or moderate speeds and moderate current densities, recommended for split up power engines.

■ GRAPHITE WITH RESIN BINDER

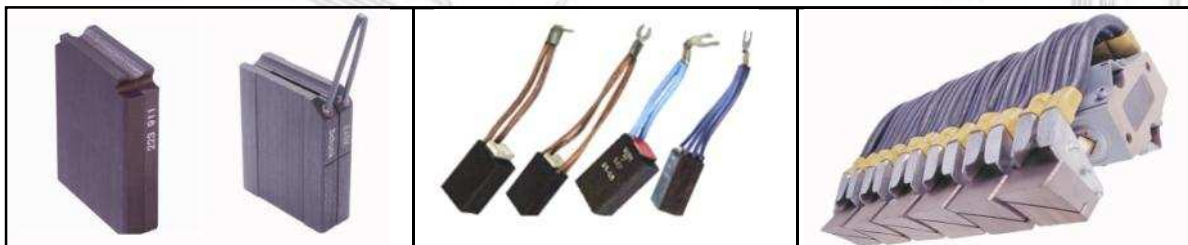
They are used on various applications as high speed Turbo-alternators, sliding rings, battery driven vehicles or alternating current engines with collector.

■ GRAPHITE WITH METALLIC CONTENT

They are made by graphite with metal powder with a proportion from 4% till 98%. Basically the most used metals are copper and some different metals alloy. They are recommended for low voltage generators and high current density.

■ ELECTROGRAPHITE

They cover a high field of applications on continuous current engines. Special for high speed equipments, high current density and low voltage.



DIMENSIONS

The dimensions from the brushers are taken in the following way:

t x a x r

t = tangential

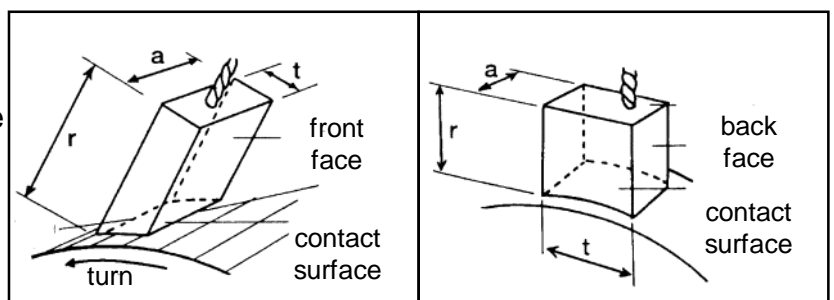
On direction to the circumference

a = axial

On direction to the axel

r = radial

On direction to the diameter



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brush holders

BRUSH HOLDERS

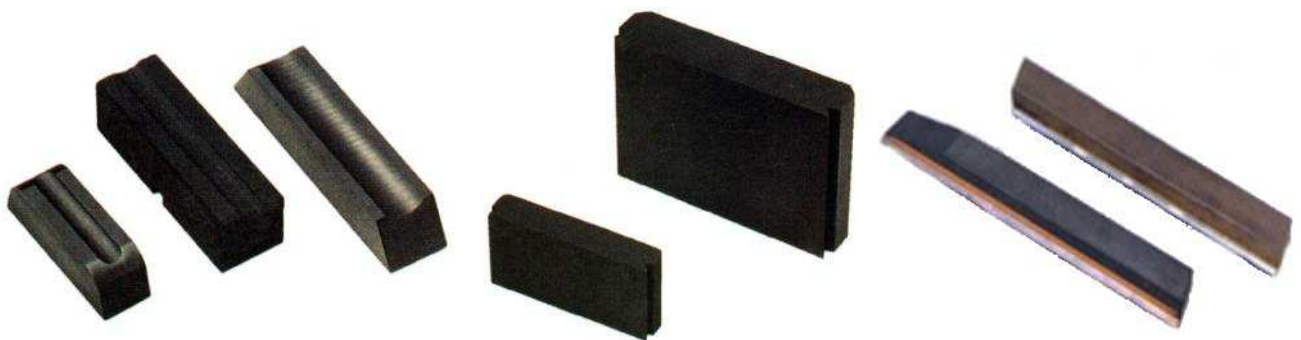
Carbosystem supplies holders for different kinds of motor. As well as other type of fasteners like Clamps with springs.

We can make any kind of holder either under a design or sample, in order to satisfy the customer



STRIPS

We offer our client different shapes and sizes of strips generally used in electrical machinery. Using the most modern production methods and innovative alloying procedures, we have reached an optimum product quality to face the highest mechanical demand.



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electrical applications



brush holders



08CE016025A
16 x 25



08CD010012A
10 x 12



08TA032042A
32 x 42



08TB020032A
20 x 32



08X006008A
6 x 8



08X012025A
12 x 25



08CA016032A
16 x 32



08CGB025050A
25 x 50



08TAD038038A
38 x 38



08TC025032A
25 x 32



08L025032A
25 x 32



08TAB020032A
20 x 32



08CF020050A
20 x 50



08TAB012050A
12 x 50



08CC016032A
16 x 32



08CF020064A
20 x 64



08XMB010032A
10 x 32



08Y1B010025E
10 x 25



08Y2B020040E
20 x 40



08L025032E
25 x 32



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brush holders



08XD010016C
10 x 16



08TC025032E
25 x 32



08JD020040A
20 x 40



08JD016040C
16 x 40



08V4Z10006012B2A
6 x 12



08VH12006026D3A
6 x 26



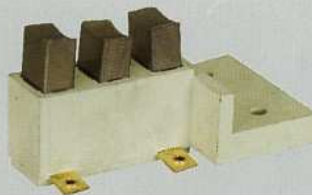
08VL16008022D1
8 x 22



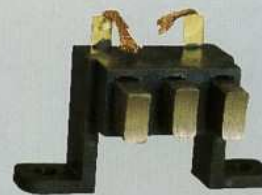
08V12006012A
6 x 12



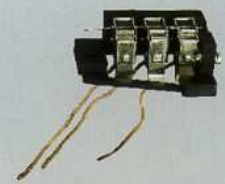
08NA012020
12 x 20



08F006014H3
6 x 14



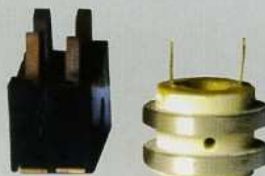
08FA007015H3
7 x 15



08FB010016H2
10 x 16



08FS003006K3
3 x 6 / 7 x 12



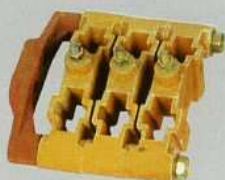
08FB005007K3
5 x 7



08WST008025H4
8 x 25



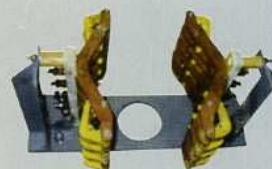
08FB005007H2
5 x 7



08HY010025I
10 x 25



08YS010025I
10 x 25



08YS016040I
16 x 40



08E008013A
8 x 13



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brush holders



12,5 x 25
MD5001101



16 x 25
MD5001102



32 x 42
MD5001103



2 x 16 x 32
MD5001104



25 x 32
MD5001105



20 x 32
MD5001106



10 x 25
MD5001107



20 x 32
MD5001108



2 x 12,5 x 32
MD5001109



2 x 16 x 32
MD5001110



25 x 32
MD5001111



10 x 25
MD5001112



10 x 13
MD5001113



16 x 80
MD5001114



12,5 x 32
MD5001115



16 x 32
MD5001116



16 x 25
MD5001117



12 x 25
MD5001118



20 x 25
MD5001119



25 x 32
MD5001120



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electrical applications



brush holders



16 x 32
MD5001121



25 x 30
MD5001122



20 x 30
MD5001123



20 x 32
MD5001124



25 x 32
MD5001125



25 x 32
MD5001126



30 x 30
MD5001127



12,5 x 50
MD5001128



16 x 32
MD5001129



25 x 50
MD5001130



25 x 32
MD5001131



16 x 32
MD5001132



16 x 32
MD5001133



16 x 32
MD5001134



4 x 38 x 38
MD5001135



12,5 x 30
MD5001136



16 x 25
MD5001137



12,5 x 25
MD5001139



2 x 12,5 x 32
MD5001138



2 x 10 x 12,5
MD5001140



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