HOW TO find a carbon:

This catalogue is divided into two main sections displaying two types of carbon brushes: those with holders and those without. Please refer to the flowchart below which explains how to use this catalogue to find specific carbon brushes quickly and easily.

IS CARBON IN A HOLDER?

YES

1) SIZE MATCH (part number order).
Go to pages 6 to 19 and compare the carbon to the drawings.
Drawings are all actual size - so carbons can be placed on the drawings for an immediate comparison.
This section is ordered by PART NUMBER.

2) PHOTOGRAPHIC MATCH (PART NUMBER ORDER).
Go to page 2 and compare the carbon to the photographs - check possible matches by turning to the page indicated.
Drawings are all actual size - so carbons can be placed on the drawings for an immediate comparison.
This section is ordered by PART NUMBER.

3) PHOTOGRAPHIC MATCH (OEM ORDER).
Go to pages 3 to 4 and compare the carbon to the photographs of OEM (e.g. Indesit) carbons - check possible matches by turning to the page indicated.
Drawings are all actual size - so carbons can be placed on the drawings for an immediate comparison.
This section is ordered by OEM.

4) PHOTOGRAPHIC MATCH (MOTOR MANUFACTURER ORDER).
Go to page 5 and compare the carbon to the photographs of Motor Manufacturer (e.g. Ceset) carbons - check possible matches by turning to the page indicated.
Drawings are all actual size - so carbons can be placed on the drawings for an immediate comparison.
This section is ordered by MANUFACTURER.

NO

Go to pages 20 to 29 and compare the carbon to the drawings.
Drawings are all actual size - so carbons can be placed on the drawings for an immediate comparison.

Important note.
Whilst every endeavour has been made to include all OEM & Motor manufacturer information in the respective content pages - method 1 “SIZE MATCH” should always be tried if there appears to be no match.
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## CARBON BRUSHES WITH HOLDERS

### PHOTOGRAPHIC INDEX

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</table>
INDESIT

CAR44

PHILIPS

CAR46
HOOVER (AEG motors)

CAR50

CARBON BRUSHES
WITH HOLDERS

16mm 17mm 36mm 6.3mm 15mm

36mm

3mm terminal

17mm 36mm

CAR51

CREDA / ELECTRA / HOTPOINT

17mm

36mm

3mm terminal

17mm 36mm 43mm 12.5mm 17mm

43mm

16mm

0 10 20 30 40 50 60 70 80 90 100

page 7
INDESIT (CESET motors)

CAR52

ARISTON / ZANUSSI (SOLE & ZEM motors)

CAR53
INDESIT / SERVIS (CESET motors)

CAR55

INDESIT (INDESCO motors)

CAR57
INDESIT (SELNI motors)

CAR61

CARBON BRUSHES WITH HOLDERS

CAR64 • CAR64HT (High Temperature) • HPT1600474
ZANUSSI (CESET motors)

CAR65

INDESTI / WHIRLPOOL (CESET motors)

CAR66
CARBON BRUSHES WITH HOLDERS

INDESIT (INDESCO motors)

CAR67

CANDY / INDESIT / WHIRLPOOL

CAR69
CARBON BRUSHES WITH HOLDERS

### INDESIT

**CAR72**

- **Carbon Brush Reference Manual**
- Dimensions: 35mm x 15mm
- 4.6mm terminal
- 12.5mm x 18mm
- 4mm Ø
- 9mm x 20mm
- 12mm x 35mm
- 5mm x 13mm

### ARISTON / INDESIT / NEW WORLD

**CAR73**

- **Carbon Brush Reference Manual**
- Dimensions: 32mm x 15mm
- 6.3mm terminal
- 12.5mm x 18mm
- 5.0mm Ø
- 9mm x 18mm
- 15mm x 32mm
- 34mm x 5.5mm
- 12mm x 15mm
- 34mm x 16mm

---

Page 13
CARBON BRUSHES WITH HOLDERS

1. HOOVER
   CAR75
   - Dimensions: 33mm, 5mm, 28mm, 9mm, 15mm, 33mm, 13mm
   - Diagram shows the carbon brush holder with dimensions.

2. BOSCH / GORENJE (IBMEI motors)
   CAR76
   - Dimensions: 34mm, 5mm, 11mm, 28mm, 9mm, 15mm, 13mm
   - Diagram shows the carbon brush holder with dimensions.

Page 14
ARISTON (IBMEI motors)

**CAR77**

- **25mm**
- **34mm**
- **6.3mm terminal**
- **34mm**
- **4mm Ø**
- **5mm**
- **11mm**

**SANGIORGIO / OCEAN (IBMEI motors)**

**CAR78**

- **25mm**
- **34mm**
- **6.3mm terminal**
- **32mm**
- **5mm Ø**
- **5mm**
- **10mm**
- **12.5mm**
- **16mm**
**BRANDT / INDESIT (SELNI motors)**

**CAR79**

- 34mm
- 5mm
- 16.5mm
- 12.5mm
- 18mm
- 38mm
- 35mm

**PHILCO (INDESCO motors)**

**CAR88**

- 15mm
- 5mm
- 13mm
- 33mm
- 5mm Ø
- 34mm
- 28mm
- 43mm
- 9mm
- 12.4mm
- 18mm
- 16mm
- 5mm
- 13mm
- 15mm
- 33mm
ZANUSSI (SOLE motors) 1
CAR89

AEG (L type) 2
CAR90

CARBON BRUSHES WITH HOLDERS

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CARBON BRUSHES WITH HOLDERS

1. CREDA / ELECTRA / HOTPOINT (FHP motors)
   CAR91

2. SIX MOTORS / QUALTEX (Vacuum motors eg MTR145)
   CAR95
CARBON BRUSHES WITH HOLDERS

HOTPOINT

CAR96 (carbon release system) • HPT36 (standard)
HPT36HT (high temperature) • HPT161460 (original)

QUALTEX (FISE Vacuum motors eg MTR121)

CAR97
(DELCO-DA1/SD3) CREDA
CAR01

7mm Ø

18mm

4mm

5.5mm

(EA3) KENWOOD
CAR38

7mm Ø

18mm

4mm

5.5mm

HOTPOINT
CAR59

8mm Ø

20mm

4mm

5.5mm

HOTPOINT
CAR06

6mm Ø

16mm

6mm

6mm

HOTPOINT (VC146)
CAR21

6mm Ø

15mm

6mm

6mm
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<td>BLACK &amp; DECKER CAR39</td>
<td>6.5mm Ø, 10mm, 6.2mm</td>
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<tr>
<td>BLACK &amp; DECKER (PT5051) CAR09</td>
<td>8mm Ø, 10mm, 6.3mm Ø</td>
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<td>HOOVER (VC107) CAR15</td>
<td>6mm Ø, 24mm, 6mm, 7mm</td>
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<tr>
<td>HOTPOINT CAR58</td>
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<tr>
<td>(DA9/SD11) SERVIS CAR02</td>
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<td>Model</td>
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<td>(EA1) KENWOOD CAR13</td>
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<td>HOOVER (VC143) CAR20</td>
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<td>4</td>
<td>NUMATIC CAR68</td>
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<td>5</td>
<td>ASKO / BLOMBERG / BOSCH / SIEMENS CAR83</td>
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</table>
CARBON BRUSH REFERENCE MANUAL

1. (DA25) HOOVER
   CAR04
   
   Contact dimensions: NONE
   Carbon dimensions: 23mm x 5mm x 8.5mm

2. (VC52) ELECTROLUX
   CAR10
   
   Contact dimensions: 10.5mm Ø
   Carbon dimensions: 23.5mm x 6mm x 9mm

3. HOTPOINT (SD19)
   CAR27
   
   Contact dimensions: 9mm x 5mm
   Carbon dimensions: 28mm x 4mm x 9mm

4. COLUMBUS DIXON
   CAR40
   
   Contact dimensions: 7mm Ø
   Carbon dimensions: 20mm x 4mm x 9mm

5. HOOVER (VC157)
   CAR43
   
   Contact dimensions: 6.5mm Ø
   Carbon dimensions: 25.5mm x 6.2mm x 9.4mm
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<th>Model</th>
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<td>(LC10) INDESIT</td>
<td>CAR29</td>
<td>7mm Ø 28mm 4.5mm 9.5mm</td>
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<tr>
<td>(SD24) PHILIPS</td>
<td>CAR24</td>
<td>7.5mm Ø 24.5mm 6.3mm 9.9mm</td>
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<td>MIELE</td>
<td>CAR80</td>
<td>22mm 36mm 6.3mm 9.9mm</td>
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<tr>
<td>HOTPOINT (SD21 “EMD” MOTOR)</td>
<td>CAR34</td>
<td>7mm 24.5mm 3mm 10mm</td>
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<tr>
<td>PHILCO</td>
<td>CAR62</td>
<td>20mm 18mm 6.3mm 10mm</td>
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</table>
### HOTPOINT

**CAR63**

- Contact Dimensions: 9.5mm x 4mm x 27mm x 5mm x 10mm
- Carbon Dimensions: 7mm x 32mm

### MIELE

**CAR81**

- Contact Dimensions: 22mm x 9mm
- Carbon Dimensions: 37mm x 6.3mm x 10mm

### DYSON (YDK-MOTORS)

**CAR94**

- Contact Dimensions: 7.5mm Ø
- Carbon Dimensions: 32mm x 7mm x 10.8mm

### NUMATIC

**CAR85**

- Contact Dimensions: 12mm x 8mm
- Carbon Dimensions: 24.5mm x 6.9mm x 10.9mm

**CAR86**

- Contact Dimensions: 11mm x 8.5mm
- Carbon Dimensions: 24mm x 6.9mm x 10.9mm
### (VC158-ISKRA/DOMEL MOTORS) ELECTROLUX

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**CAR47**

### (VC154) AQUAVAC

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**CAR45**

### ELECTROLUX/HOOVER/LINDHAUS/NILFISK/TASKI/VAX

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**CAR71**

### HOOVER

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**CAR92**

### (KM51/SD14) HOOVER

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**CAR05**
CARBON BRUSHES WITHOUT HOLDERS

1. **SERVIS (SD26)**
   - **CAR36**
   - Contact dimensions: 7mm x 27mm x 5mm
   - Carbon dimensions: 7mm x 12mm

2. **ARISTON (IB MEI MOTORS)**
   - **CAR60**
   - Contact dimensions: 22mm x 27mm x 5mm
   - Carbon dimensions: 7mm x 12mm

3. **BOSCH/SIEMENS**
   - **CAR70**
   - Contact dimensions: 18mm x 32.5mm x 5mm
   - Carbon dimensions: 18mm x 12.3mm

4. **BOSCH**
   - **CAR93**
   - Contact dimensions: 35mm x 5mm
   - Carbon dimensions: 6.3mm x 12.4mm

5. **(SD29-AEG MOTORS) AEG / CREDA / HOOVER**
   - **CAR48**
   - Contact dimensions: 18mm x 35mm x 6.3mm
   - Carbon dimensions: 7mm x 12.5mm

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CARBON BRUSHES WITHOUT HOLDERS

1. HOOVER (KM81/SD22)
   - CAR25 • CAR25M (Morganite)
   - Dimensions:
     - Contact: 7mm
     - Carbon: 24.7mm
     - Dimensions: 5.3mm
     - Overall: 12.7mm

2. HOOVER
   - CAR54 • CAR54M (Morganite)
   - Dimensions:
     - Contact: 6mm
     - Carbon: 30mm
     - Dimensions: 5.3mm
     - Overall: 12.7mm

3. BOSCH
   - CAR84
   - Dimensions:
     - Contact: 22mm Ø
     - Carbon: 22mm
     - Dimensions: 6mm
     - Overall: 13mm

4. MIELE
   - CAR74
   - Dimensions:
     - Contact: 33mm
     - Carbon: 27mm
     - Dimensions: 5mm
     - Overall: 15mm

5. (INDUSTRIAL MOTORS)
   - CAR87
   - Dimensions:
     - Contact: 9mm
     - Carbon: 35mm
     - Dimensions: 6mm
     - Overall: 20mm