



BGB BRUSHES

Aftermarket Wind Turbine **Brushes**



- > Approved and **Trusted Solutions**
- > Almost **40 Years** in the Wind Industry
- > Development and Supply Partner for **Multiple OEM's**
- > Over **1 Million** BGB Wind Rotary Solutions Installed Globally

BGB has considerable experience in the Wind market stretching back almost 40 years and encompasses a diverse range of rotary current transfer products within our portfolio.

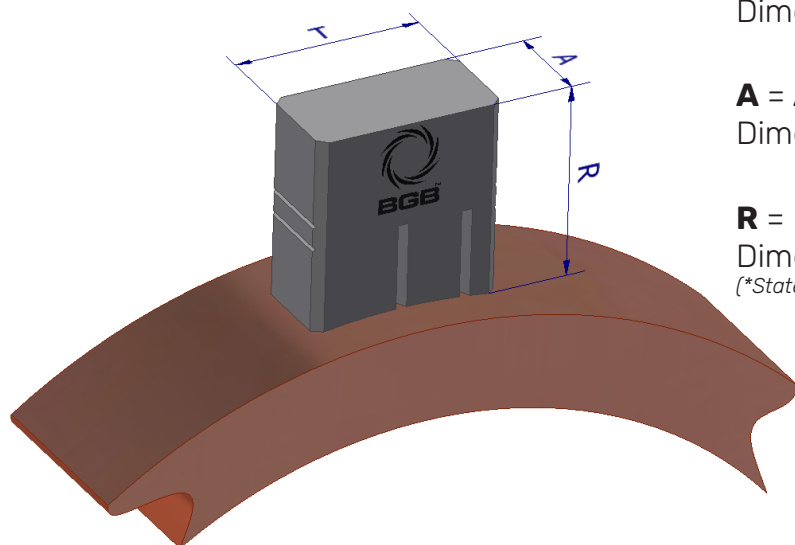
Integral to many of our products are electrical contacts and brushes used across a wide range of Wind applications including power and signal transmission as well as lightning protection and grounding.

Through customer insight and more recently through our expanding spares and repairs service we have identified the market need to provide refurbished, replacement and sometimes re-engineered systems all of which entails provision of spares including carbon brushes.

Through our relationships with many global suppliers and often with local manufacturing content, we are now able to provide a range of BGB branded Aftermarket Spare Brushes aimed at the mainstream wind aftermarket. Our intention is to develop the range further as part of our future spares and repairs service.

With combined in-house applications engineering experience of over 200 years using available contact technologies, we are well placed to advise on optimised solutions to customer problems.

Brush Dimension Guide



T = Tangential
Dimension

A = Axial
Dimension

R = Radial
Dimension
(*State whether New or Worn)



Contact Face Radius

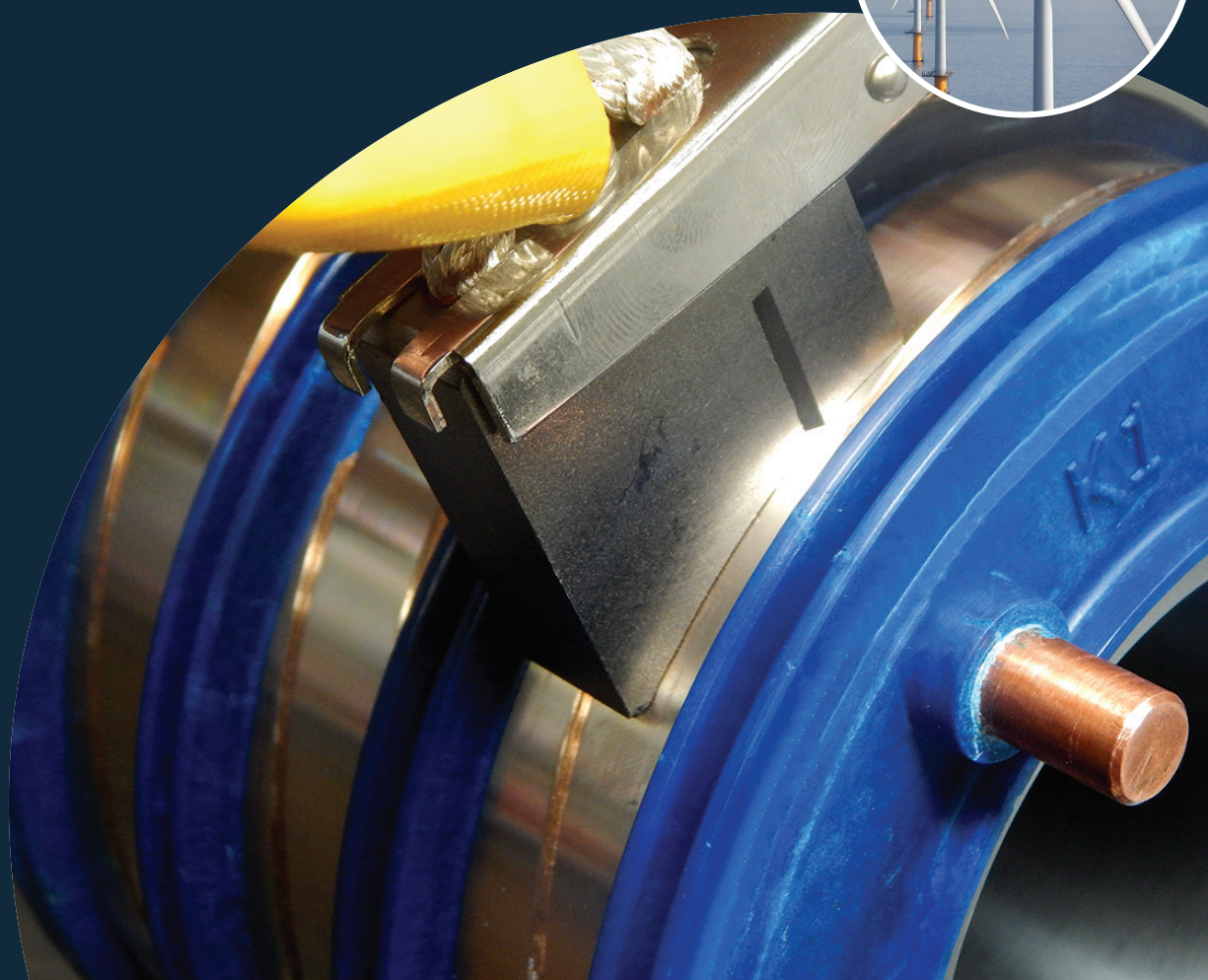


Our own-brand aftermarket wind brushes are economical substitutes for Original Equipment (OE) variants

Did You Know?

BGB has world class environmentally controlled test facilities for evaluation of our rotary transfer products including carbon brush performance and retrofittable plug and play upgrade solutions

Retrofittable upgrades include Aftermarket Brushgear with longer life brushes to extend service intervals and offer better economy



Part No. SPC100425-01

Generator Brush AC-53 (DCFS)



Brush Size **T** (Tangential mm): 40
Brush Size **A** (Axial mm): 20
Brush Size **R** (Radial mm): 42
Contact Face Radius (mm): 160

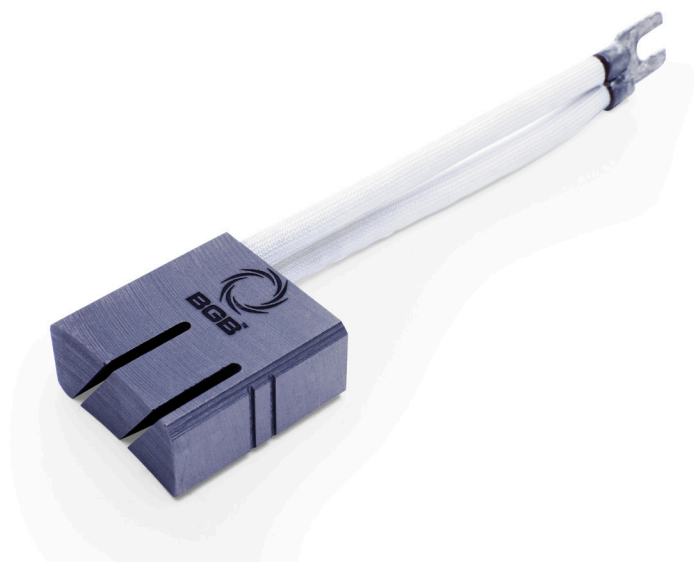
Brush Grade: AC-53

OEM: Gamesa
Platform(s): G5X
OEM Equivalent Part Number: GP052263-1

Brush Type: Generator Brush

Material Type: Copper Graphite

Diagonal Contact Face Sawcut/s (DCFS) 60 degrees x 2



Part No. SPC100425-02

Generator Brush AC-67

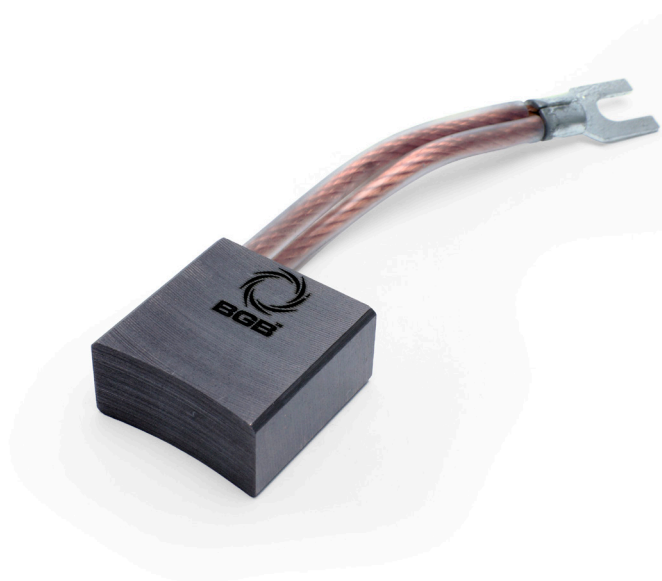
Brush Size **T** (Tangential mm): 40
Brush Size **A** (Axial mm): 20
Brush Size **R** (Radial mm): 40
Contact Face Radius (mm): 100

Brush Grade: AC-67

OEM: Gamesa
Platform(s): G5X
OEM Equivalent Part Number: 50591 / GP011974
GP049425

Brush Type: Generator Brush

Material Type: Copper Graphite



Part No. SPC100425-03

Generator Brush AC-53



Brush Size T (Tangential mm):	40
Brush Size A (Axial mm):	20
Brush Size R (Radial mm):	42
Contact Face Radius (mm):	160

Brush Grade:	AC-53
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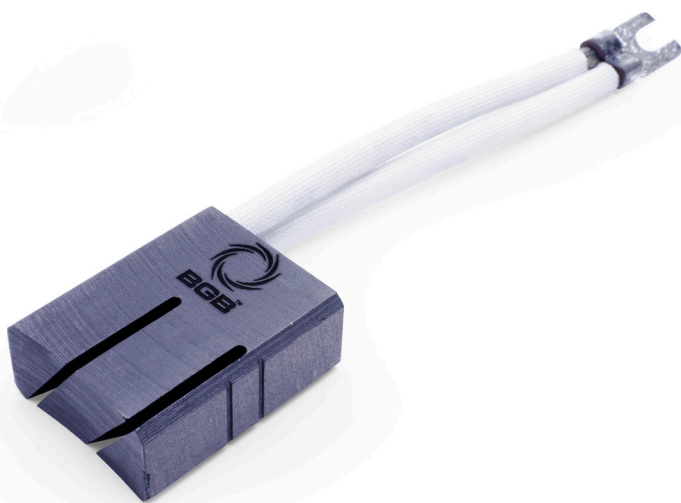
OEM:	Gamesa
Platform(s):	TBC
OEM Equivalent Part Number:	50724

Brush Type:	Generator Brush
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Material Type:	Copper Graphite
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Part No. SPC100425-04

Generator Brush AC-53 (DCFS)



Brush Size T (Tangential mm):	40
Brush Size A (Axial mm):	20
Brush Size R (Radial mm):	50
Contact Face Radius (mm):	115

Brush Grade:	AC-53
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OEM:	Gamesa
Platform(s):	G8X
OEM Equivalent Part Number:	CANT13 GP052263 R9E2030P01

Brush Type:	Generator Brush
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Material Type:	Copper Graphite
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Diagonal Contact Face Sawcut/s (DCFS) 30 degrees x 2

Part No. SPC100425-05

Generator Brush AC-53 (DCFS)



Brush Size T (Tangential mm):	40
Brush Size A (Axial mm):	20
Brush Size R (Radial mm):	42
Contact Face Radius (mm):	160

Brush Grade:	AC-53
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OEM:	Gamesa
Platform(s):	TBC
OEM Equivalent Part Number:	50297

Brush Type:	Generator Brush
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Material Type:	Copper Graphite
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Diagonal Contact Face Sawcut/s (DCFS) 60 degrees x 2

Part No. SPC100425-06

Generator Brush AC-53



Brush Size T (Tangential mm):	32
Brush Size A (Axial mm):	20
Brush Size R (Radial mm):	75
Contact Face Radius (mm):	142

Brush Grade:	AC-53
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OEM:	Gamesa
Platform(s):	TBC
OEM Equivalent Part Number:	GP220021 GP023594 GP025009

Brush Type:	Generator Brush
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Material Type:	Copper Graphite
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Part No. SPC100425-07

Generator Brush AC-53



Brush Size T (Tangential mm):	40
Brush Size A (Axial mm):	20
Brush Size R (Radial mm):	100
Contact Face Radius (mm):	100

Brush Grade:	AC-53
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OEM:	Gamesa
Platform(s):	TBC
OEM Equivalent Part Number:	GP024285

Brush Type:	Generator Brush
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Material Type:	Copper Graphite
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Part No. SPC100432-01

Generator Brush AS-65 (V90)



Brush Size T (Tangential mm):	40
Brush Size A (Axial mm):	12
Brush Size R (Radial mm):	93
Contact Face Radius (mm):	75

Brush Grade:	AS-65
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OEM:	Vestas
Platform(s):	V90 3MW
OEM Equivalent Part Number:	753483

Brush Type:	Generator Brush
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Material Type:	Silver Graphite
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Part No. SPC100432-02

Generator Brush AS-65 (V80)



Brush Size T (Tangential mm):	21
Brush Size A (Axial mm):	18
Brush Size R (Radial mm):	80
Contact Face Radius (mm):	75

Brush Grade:	AS-65
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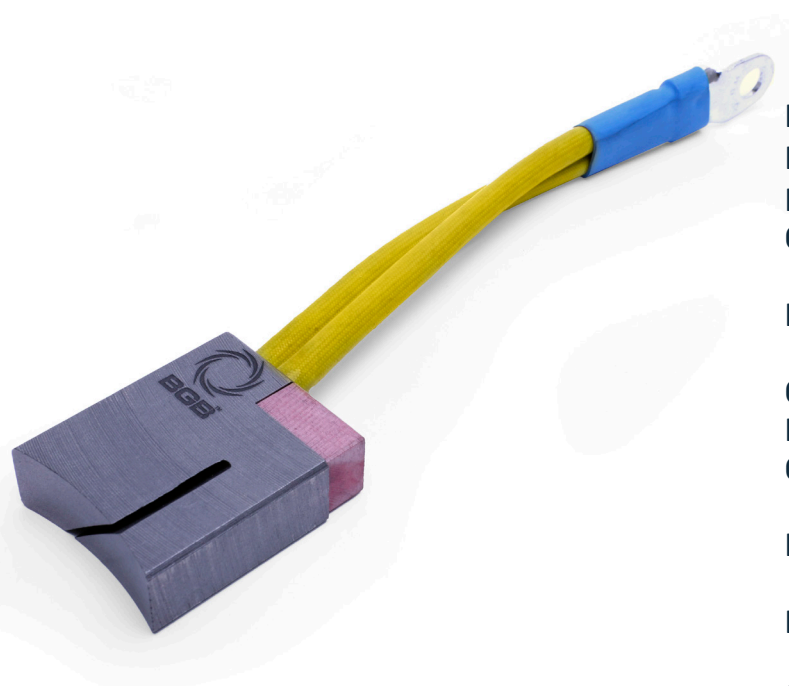
OEM:	Vestas
Platform(s):	V80 2MW (Mk0-6)
OEM Equivalent Part Number:	753865

Brush Type:	Generator Brush
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Material Type:	Silver Graphite
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Part No. SPC100432-03

Generator Brush AS-65 (DCFS) (V52)



Brush Size T (Tangential mm):	42
Brush Size A (Axial mm):	16
Brush Size R (Radial mm):	50
Contact Face Radius (mm):	72

Brush Grade:	AS-65
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OEM:	Vestas
Platform(s):	V52
OEM Equivalent Part Number:	N/A

Brush Type:	Generator Brush
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Material Type:	Silver Graphite
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Diagonal Contact Face Sawcut/s (DCFS) 45 degrees x 1

Part No. SPC100432-04

Generator Brush AS-65 (DCFS) (V52,66,80,90)



Brush Size **T** (Tangential mm): 42
Brush Size **A** (Axial mm): 16
Brush Size **R** (Radial mm): 44
Contact Face Radius (mm): 72

Brush Grade: AS-65

OEM: Vestas
Platform(s): V52, V66, V80,
V90 2MW (Mk1-4)

OEM Equivalent Part Number: 753246

Brush Type: Generator Brush

Material Type: Silver Graphite

Diagonal Contact Face Sawcut/s (DCFS) 45 degrees x 1

Part No. SPC100432-05

Ground Brush AS-65 (V52, V80)



Brush Size **T** (Tangential mm): 12.7
Brush Size **A** (Axial mm): 6.35
Brush Size **R** (Radial mm): 19 / 22
Contact Face Radius (mm): N/A

Brush Grade: AS-65

OEM: Vestas
Platform(s): V52 850KW,
V80 2MW (Mk0-6)

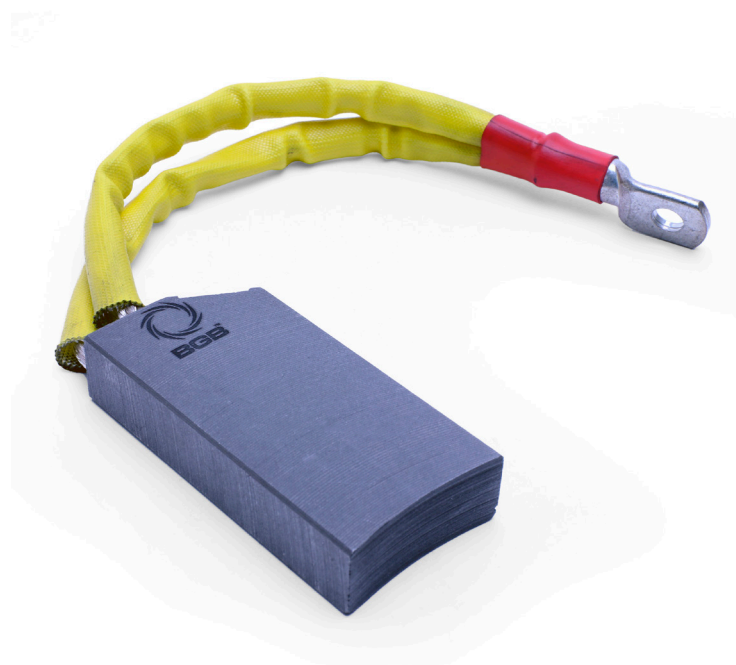
OEM Equivalent Part Number: 753366

Brush Type: Ground Brush

Material Type: Silver Graphite

Part No. SPC100432-06

Generator Brush AS-65 (V90, V100)



Brush Size **T** (Tangential mm): 42
Brush Size **A** (Axial mm): 18
Brush Size **R** (Radial mm): 85
Contact Face Radius (mm): 90

Brush Grade: AS-65

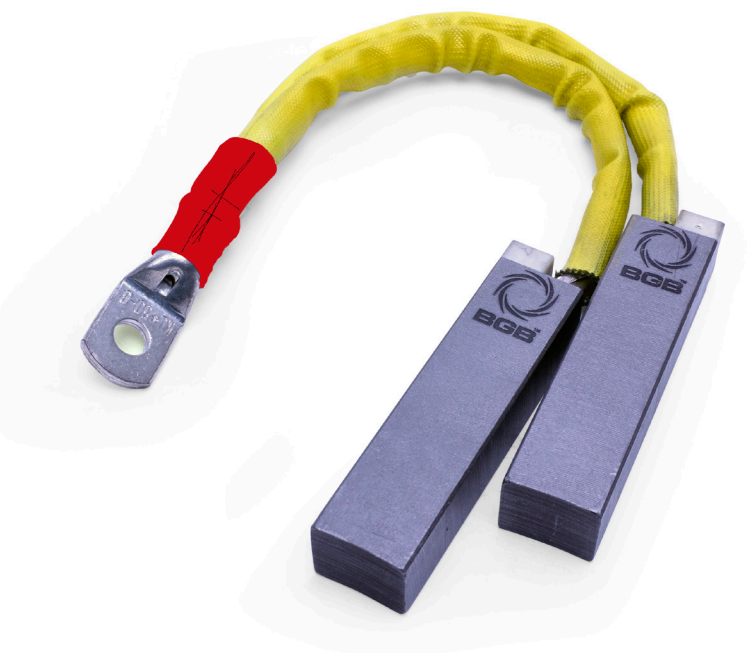
OEM: Vestas
Platform(s): V90, V100 2MW
OEM Equivalent Part Number: N/A

Brush Type: Generator Brush

Material Type: Silver Graphite

Part No. SPC100432-07

Generator Brush AS-65 (V80)



Brush Size **T** (Tangential mm): 21
Brush Size **A** (Axial mm): 18
Brush Size **R** (Radial mm): 80
Contact Face Radius (mm): 90

Brush Grade: AS-65

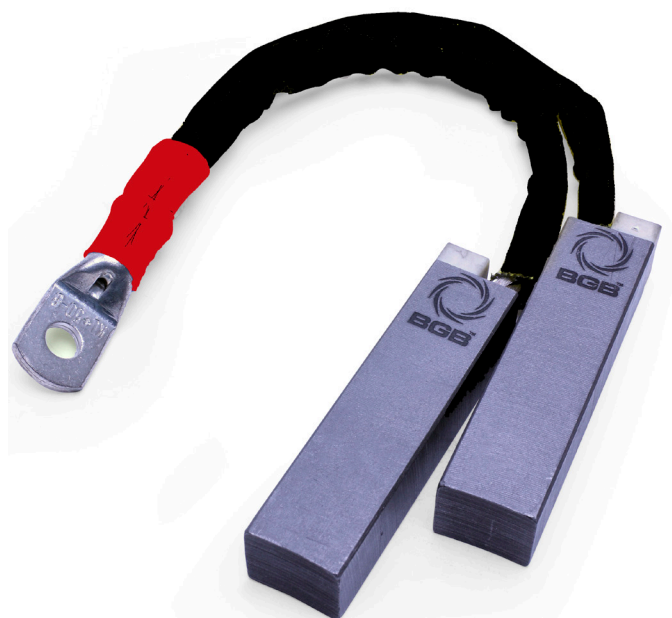
OEM: Vestas
Platform(s): V80 2MW Mk7
OEM Equivalent Part Number: 753962

Brush Type: Generator Brush

Material Type: Silver Graphite

Part No. SPC100432-08

Generator Brush AS-50 (V80, V100)



Brush Size T (Tangential mm):	21
Brush Size A (Axial mm):	18
Brush Size R (Radial mm):	80
Contact Face Radius (mm):	90

Brush Grade:	AS-50
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OEM:	Vestas
Platform(s):	V80 2MW Mk7, V100

OEM Equivalent Part Number:	29019710
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Brush Type:	Generator Brush
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Material Type:	Silver Graphite
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50% Ag version of 753962



OEM Approved Brushes

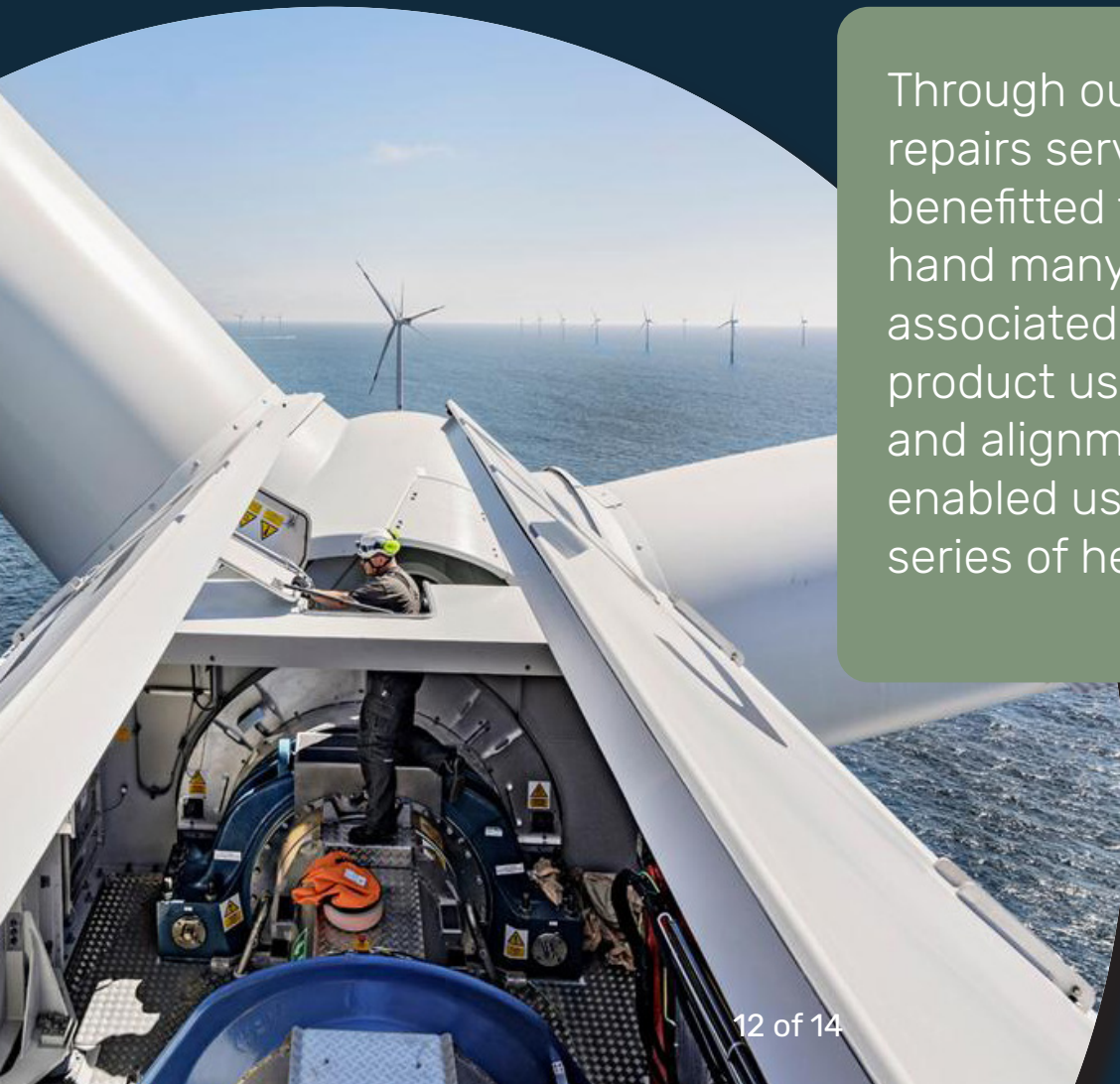
Also Available...



We are able to offer a range of brush products from genuine OE (original equipment) parts to equivalent AM (aftermarket) units that offer a similar level of performance.



Through our expanding repairs service we have benefitted from seeing first hand many of the issues associated with incorrect product usage, fitment and alignment, which has enabled us to develop a series of helpful upgrades



Enquiry Form

Download Now...



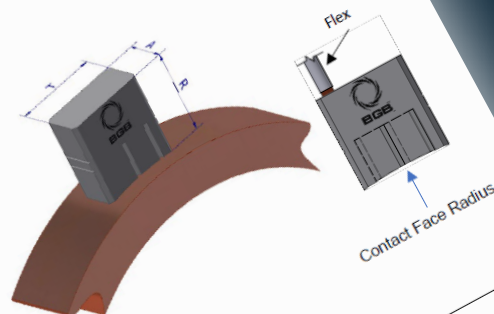
Download our easy to fill in enquiry form from our [downloads](#) area on our website or email the OEM part number to: sales@bgbinnovation.com

Aftermarket Brush Enquiry Form

Contact Details:		Company	
Name			
Address			
Postcode / Zip code			
E-mail			
Tel			

BRUSH DETAILS

Tangential Dimension (mm)	T =
Axial Dimension (mm)	A =
Radial Dimension (mm)	R =
*State whether worn or new	Worn = Yes / No
Contact face radius (mm)	
No. of flexes	
Terminal slot	
Grade / Brush markings	
Insulation on Flexes	



Additional Information / Other features

(Insulation, tops, bevel angles, saw cuts, etc.) If possible, provide sketch or send photo:

*Return form to: SALES@BGBINNOVATION.COM

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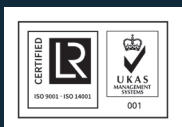
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