## **Carbon Brush Reference Guide**

As of November, 2005

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Since brush size, structure and composition are critical for optimum performance, use exact replacements only.

This chart is sorted by brush size. Brushes warranted only for applications indicated in RPI catalog.

RPI PART#	SIZE	RADIUS/BEVEL	SPRING LG.	SHUNT	END CAP	NOTES
RCB603	.093" x .250" x .500"	25°	None	None	None	
BDB002	.125" x .250" x .690"	None	1.28"	None	None	
RCB604	.128" x .256" x .531"	30°	None	None	None	
CAB021	.185" x .185" x .562"	.437" R	.62"	.62"	.28" dia.	
CAB083	.187" dia x.187" w/Flange	.140" R	None	None	None	Bullet Style
STB002	.187" x .187" x .437"	None	.94"	None	None	
CAB023	.187" x .187" x .560"	.750" R	1.25"	1.25"	.17" O.D.	
BDB001	.187" x .250" x .660"	None	1.00"	1.00"	None	
IEB015	.187" x .375" x .945"	.750" R	1.17"	1.17"	.46" dia.	
IEB010	.188" x .625" x .937"	.625" R@5°	1.13"	1.13"	.56" dia.	
BAB002	.196" x .236" x .469"	.562" R	1.13"	None	None	
BAB004	.196" x .236" x .568"	.500" R	1.75"	1.03"	.19" O.D.	
IEB008	.218" x .312" x .560"	.437" R	.99"	.99"	.32" x .39" dia.	
SRB005	.248" x .996" x 1.250"	1.000" R@20°	None	2.88"	None	#10 Spade Terminal Black Fiberglass Sleeving
BKB003	.249" x .375" x .797"	.719" R	1.17"	1.17"	.37" x .46" dia.	
CAB022	.250" x .250" x .450"	.625" R	.75"	.75"	.16" x .24" dia.	
BKB006	.250" x .250" x .500"	.438" R	.75"	.75"	.25" x .31" dia.	
CAB019	.250" x .250" x .650"	1.000" R	.75"	.75"	.31" dia.	
CAB020	.250" x .250" x .650"	.750" R	1.00"	1.00"	.25" O.D.	
CAB018	.250" x .250" x .657"	1.000" R	.88"	.88"	.38" dia.	
EMB001	.250" x .250" x .657"	.500" R	1.25"	1.25"	.31" dia.	
IEB024	.250" x .250" x .660"	.660" R	.94"	.94"	.25" O.D.	
BKB005	.250" x .250" x .750"	1.000" R	.75"	.75"	.15" x .25"	
IEB007	.250" x .250" x .800"	.375" R	2.19"	None	None	
EPB003	.250" x .312" x .675"	.500" R	.99"	.99"	.24" dia.	
EPB001	.250" x .312" x .860"	.500" R	1.32"	1.32"	.25" dia.	
EPB002	.250" x .312" x .860"	.500" R	1.27"	1.27"	.24" dia.	
<u>IEB014</u>	.250" x .375" x .750"	.875" R	1.35"	1.35"	.37" x .47" dia.	
<u>DRB001</u>	.250" x .375" x .817"	.625" R	1.25"	1.25"	.34" x .44" dia.	
BKB004	.250" x .375" X .875"	1.000" R	1.25"	1.25"	.37" x .42" dia.	
<u>IEB013</u>	.250" x .437" x .687"	.750" R	1.13"	1.13"	.38" x .42" dia.	Split Brush
SRB002	.250" x .437" x .720"	.844" R	.98"	.98"	.37" x .42" dia.	
SRB001	.250" x .500" x .845"	.875" R	1.06"	1.06"	.50" x .60" dia.	
<u>IEB009</u>	.250" x .625" x .990"	1.000" R	1.13"	1.13"	.62" x .66" dia.	
<u>IEB011</u>	.250" x .625" x 1.000"	1.000" R	1.38"	1.38"	.62" x .66" dia.	
<u>SRB003</u>	.250" x 1.208" x 1.250"	1.000" R@20°	None	2.88"	None	#10 Spade Terminal Red Fiberglass Sleeving
<u>IEB012</u>	.250" x 1.250" x 1.125"	1.125" R@5°	1.25"	1.25"	1.23" x 1.25" dia.	
BAB003	.252" x .315" x .898"	.562" R	1.75"	None	None	
BAB001	.252" x .390" x .866"	.937" R	None	2.13"	None	1/4" Quick Disconnect Flag With Interrupter
BAB005	.252" x .390" x .866"	.937" R	None	1.88"	None With Interrupter	1/4" Quick Disconnect Flag
BAB006	.252" x .392" x .875"	.937" R	None	1.69"	None	1/4" Quick Disconnect Flag
BAB007	.252" x .394" x .875"	.750" R	2.63"	1.94"	.33" O.D.	With Interrupter
CAB017	.281" x .281" x .670"	.500" R	1.13"	1.13"	.28" x .39" dia.	
BAB008	.315" x .787" x .984"	None	None	3.88"	None	1/4" Spade, Split Brush Red Top Pad, Sensor Wire
<u>SRB004</u>	.343" x .750" x .990"	.750" R	1.56"	1.56"	.74" x .82" dia.	Split Brush, Plastic Cap & Sensor Wire with Connector