

# Resinoid

**RESINOID'S COMMUTATORS** feature our own phenolic compounds and our own transfer molding process which have been developed over more than 50 years of commutator molding experience.

For further information contact:  
**RESINOID ENGINEERING CORPORATION**  
 2040 James Parkway  
 Heath, Ohio 43056 U.S.A.  
**Phone: (740) 928-2220**  
**Fax: (740) 929-2036**  
**www.resinoid.com**

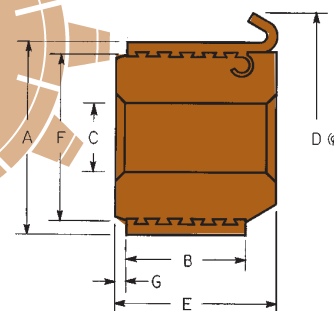


Part No.	A	B	C	D	E	F	G	Remarks
<b>10 Segments</b>								
6107	.875	.473	.315	1.144	.625	—	—	
6106	.875	.512	.311	1.148	.709	—	—	Long hooks for large wires
6068	.875	.551	.311	1.130	.709	—	—	Also, C = .410 or .480
6060	.881	.437	.314	1.125	.625	.750	.047	Also, C = .376
6081	.957	.545	.482	1.260	.732	.867	.031	Large bore diameter
<b>12 Segments</b>								
6046	.752	.470	.314	1.019	.858	.634	.120	.060 copper wear thickness
6029	.752	.512	.392	.983	.622	.677	.008	Also, C = .235, .315, or .354
6093	.911	.406	.471	1.161	.531	.846	.008	Large bore diameter
6090	.965	.521	.311	1.311	.648	.906	.008	
6088	.965	.678	.311	1.311	.798	.906	.008	
<b>16 Segments</b>								
6069	1.242	.610	.316	1.563	.874	—	—	.368 deep C/bore on front end
6102	1.242	.799	.316	1.563	1.079	—	—	.368 deep C/bore on front end
<b>20 Segments</b>								
6086	1.501	.622	.318	1.825	.819	—	—	.296 deep C/bore on front end
<b>22 Segments</b>								
6114	1.125	.605	.428	1.315	.750	.922	.062	

Part No.	A	B	C	D	E	F	G	Remarks
<b>28 Segments</b>								
468-30-28	1.82	—	.748	—	1.30	1.21	—	
<b>42 Segments</b>								
518-30-42	2.00	—	.626	—	1.19	1.19	—	
<b>54 Segments</b>								
560-44-54	2.16	—	.810	—	1.71	1.71	—	
<b>56 Segments</b>								
470-30-56	1.82	—	.748	—	1.29	1.20	.09	
787-22-56	2.83	.88	.875	3.06	.95	.90	—	Flush insulation
879-37-56	2.89	1.16	1.189	3.41	1.82	1.44	.19	
970-37-56	2.89	1.16	1.189	3.78	1.82	1.44	.19	
1000-47-56	3.02	1.53	1.375	3.90	1.96	1.83	.06	Flush insulation
<b>72 Segments</b>								
1193-37-72	3.51	1.16	1.438	4.66	1.57	1.47	.06	Flush insulation

## Air Gap Commutators

Our unique segment anchoring style is a series of lateral dovetails that assure uniform anchoring over the entire surface of each segment. Coupling this with our exceptional molding technology, excellent dynamic stability and quiet commutation result.



## Segmented Commutators

The molded body and intersegment insulation in our segmented types are a single, integral, phenolic molding. This mica-less manufacturing process inherently produces exceptional true segment positioning quality.

