

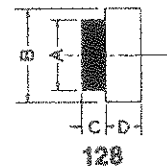
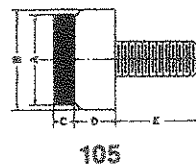


Standard Cup Contacts

For 95 years, GRAPHALLOY electrical contacts have been used for low noise, non-welding service. GRAPHALLOY does not weld, stick or pit, and wears slowly. GRAPHALLOY contacts are used in relays, contactors and as grounding brushes in computer printers and disk drives.

Normal contact pressure is from 2 to 4 pounds per square inch. For a conservative design, current density of 50 to 125 amperes per square inch (continuous) may be allowed with a maximum inrush current of five to ten times the steady state current.

The standard GRAPHALLOY cup contacts shown below, models 105 and 128, are pressed into brass cups with an interference fit to insure a firm mechanical and electrical connection. The model 128 cup contacts can be spot welded or soldered to leaf springs and the model 105 cup contacts are attached with the threaded studs. The entire assembly may be plated to provide a uniform appearance. The standard cup contacts are available with copper GRAPHALLOY or silver GRAPHALLOY.



Cup No.	A OD of Contact (in.)	B OD of Cup Body (in.)	C GRAPHALLOY Above Cup (in.)	D Body Length (in.)	E Stud Length (in.)	Thread Size
105-2	1/8	3/16	1/8	5/32	5/16	6-32
105-3	3/16	1/4	1/8	5/32	5/16	6-32
105-4	1/4	5/16	1/8	5/32	3/8	8-32
105-5	5/16	3/8	1/8	5/32	3/8	8-32
105-6	3/8	7/16	1/8	5/32	3/8	8-32
105-7	7/16	1/2	1/8	5/32	1/2	10-24
105-8	1/2	9/16	1/8	5/32	1/2	10-24
105-9	9/16	5/8	3/16	1/4	1/2	10-24
105-10	5/8	11/16	3/16	1/4	1/2	10-24
128-2	1/8	5/32	1/16	3/32		
128-2A	5/32	1/4	1/16	3/32		
128-3	3/16	1/4	1/16	3/32		
128-4	1/4	5/16	1/16	3/32		
128-5	5/16	3/8	1/16	3/32		
128-6	3/8	7/16	1/16	3/32		
128-7	7/16	1/2	1/16	3/32		
128-8	1/2	9/16	1/16	3/32		

Standard and Custom-designed GRAPHALLOY® products since 1913

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