

**Characteristic:**

There are mainly three kinds of Silver Contact Spring:

- (1): Riveting Parts: Contact is Riveted on Copper Component.
- (2): Welding Parts: Sheet Contact is Welded on Copper Component.
- (3): Stamping Parts: Precious Clad Metal is Stamped into Contact Bridge Component.

**Feature of Silver Contact:**

- (1). AgNi Contact Material Contains 10% to 40% Ni.
- (2). Produced by Powder Metal Lurgical Production, with low and stable Contact Resistance, High Hardness and Mechanical Strength.
- (3). Material Transfer In Case of DC is very Low
- (4). High Electrical and Thermal Conductivity
- (5). With Very Low are Erosion on Making Higher Current, normally Asymmetric Pairs with Ag Contact Materials are Applied
- (6). Wire of Solid and Composite Rivets Produced by Powder Sintering-Extruding Methods.

**Application:**

Silver Contact are Mainly used in automobile Appliances, Household Appliances, Relays, Connector, Temperature, Controllers, Timers and Electronic Appliances. Silver Contacts are Applicable to the Continuous Automatic Production of Riveting Processing which does not require Other Processing Techniques (Such as Electroplating, Welding, etc.) After riveting Which not only simplifies the manufacturing Process of the Contact Parts, Improves Production Efficiency and Reduces Costs, But Also Improves the Assembly Accuracy and Reliability of the components.

**The Materials of Silver Contact:**

AgCdO (Silver Cadmium Oxide), AgSnO<sub>2</sub> (Silver Tin Oxide), AgWC (Silver Tungsten Carbide), and AgC (Silver Graphite).  
AgNi, AgCu, AgZnO and so on.

**Definition of Silver Contact:**

Silver Contact Refers to the Electronic Appliances When Opening and Closing, Separation and Mutual Contact of Intersections, because the metal conductor terminals at the instant of the contact prone to moments of fever and spark, prompting them to contact point in the process of using multiple frequency, prone to oxidation and electrolysis, so will increasing the thickness of the contact point, or manufactured polymer metal (copper and multiple) with different material, so will called silver contact.