

### Silver Zinc electrical contact

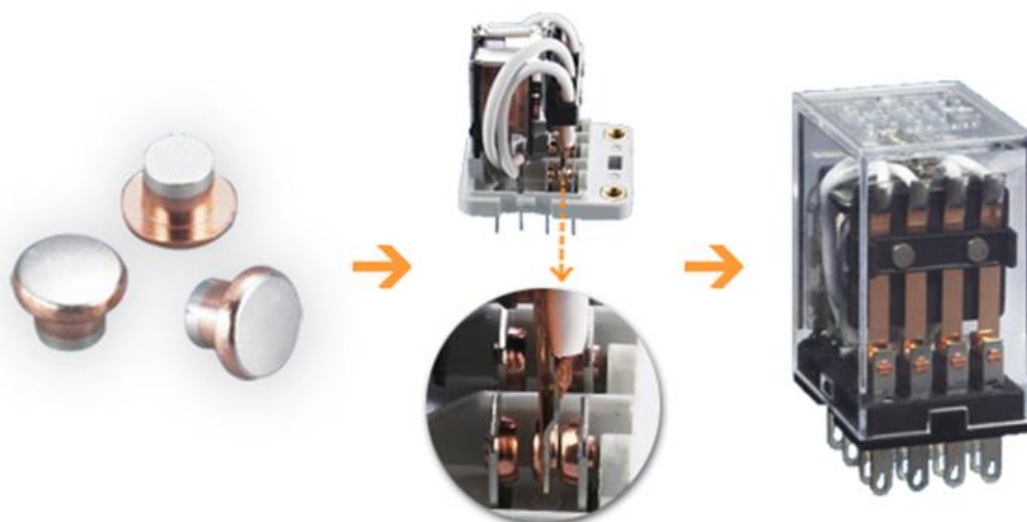
Electrical Contact factory, more than 10 years manufacture experience, attained ISO9001, work on OEM and ODM projects..

#### 1. Introduction of Silver Zinc electrical contact

Silver zinc oxide ( AgZnO ) electrical contact is non-toxic and environmental protection, has good anti fusion welding and electric abrasion resistance, short arc time, breaking characteristics performance is high, strong ability to sustain large electrical current shock.

#### 2. Application of Silver Zinc electrical contact

AgZnO electrical contacts are mainly applied to the rated current in 200A and small capacity of low voltage circuit breaker, other series of leakage circuit breaker, such as the ME universal circuit breaker etc.



#### 3. Main Materials for Silver Zinc electrical contact

Main face materials: AgZnO 8, AgZnO2 10 , AgZnO 12

Main base materials : Cu, CuNi

Category	Density g/cm <sup>3</sup> ≥	Electrical conductivity .cm ≤	Hardness soft HV ≥	Tensile strength soft MPa ≥
AgZnO(8)	9.68~9.86	2.13	85	260
AgZnO(10 )	9.50~9.78	2.23	76	260

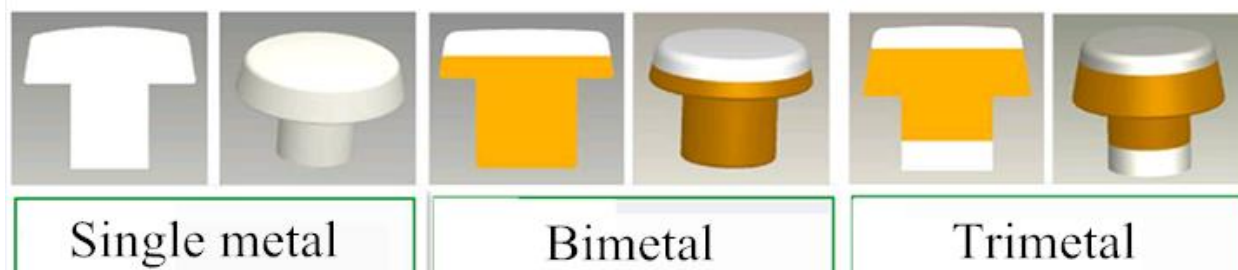
#### 4. Specification of Silver Zinc AgZnO electrical contact

Dimensions can be customized

Contact rivet dimension and tolerance							
Item	Head Diameter D(mm)	Head Thickness T(mm)	Layer Thickness S(mm)	Shank Diameter d(mm)	Shank Length L(mm)	Sphere Radian R(mm)	Mold Ratio $\theta$
Specification	2.5	0.6-1	0.3-0.4	1.2-1.5	1-2	4-6	9
	3	0.8-1.2	0.3-0.5	1.5		6-8	
	3.5			1.5-2.0			
	4	1.0-1.5		2	8-10		
	4.5		2.0-2.5				
	5	1.0-2.0	0.4-0.6	2.5	1-3	10-15	
	5.5			2.5-3.0		15-20	
	6			3			
	6.5	1.2-2.0	0.5-0.7	3.0-3.5	20-25		
	7			3.5			
8	4						
Tolerance	$\pm 0.1$	$\pm 0.05$	$\pm 0.05$	$\pm 0.05$	$\pm 0.15$	$\pm 0.2$	$\pm 2$

#### 5. Product types for AgZnO Silver Zinc electrical contact

Round head rivets, Flat head rivets, Bimetal rivets, Tri-metal rivets and special type

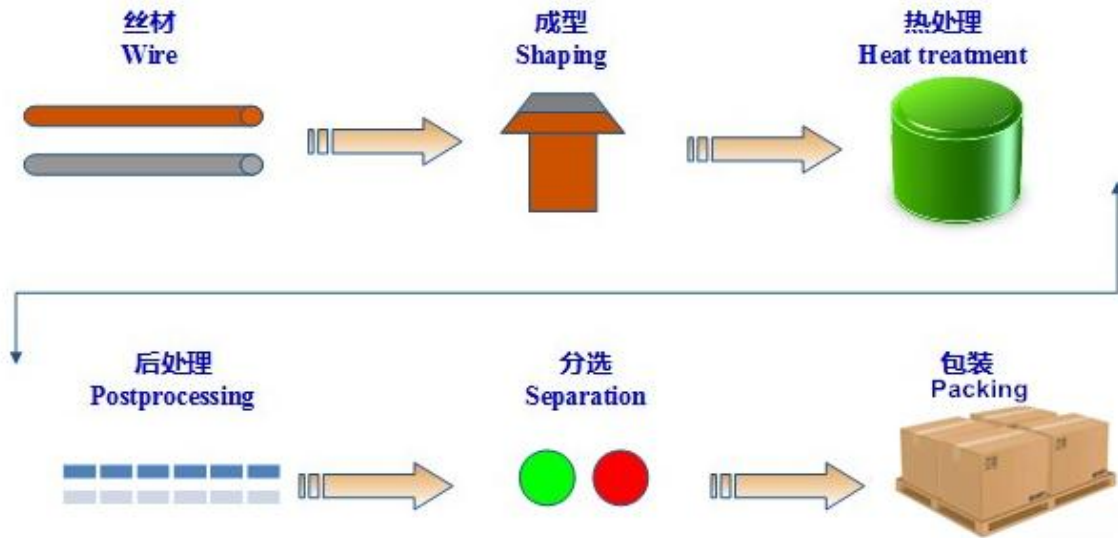


#### 6. Process of Silver Zinc electrical contact

Address: No.16 Shuanggang street, Tangchun Village, Liaobu Town, 523407 Dongguan, Guangdong, China

Phone: +86-769-89800565

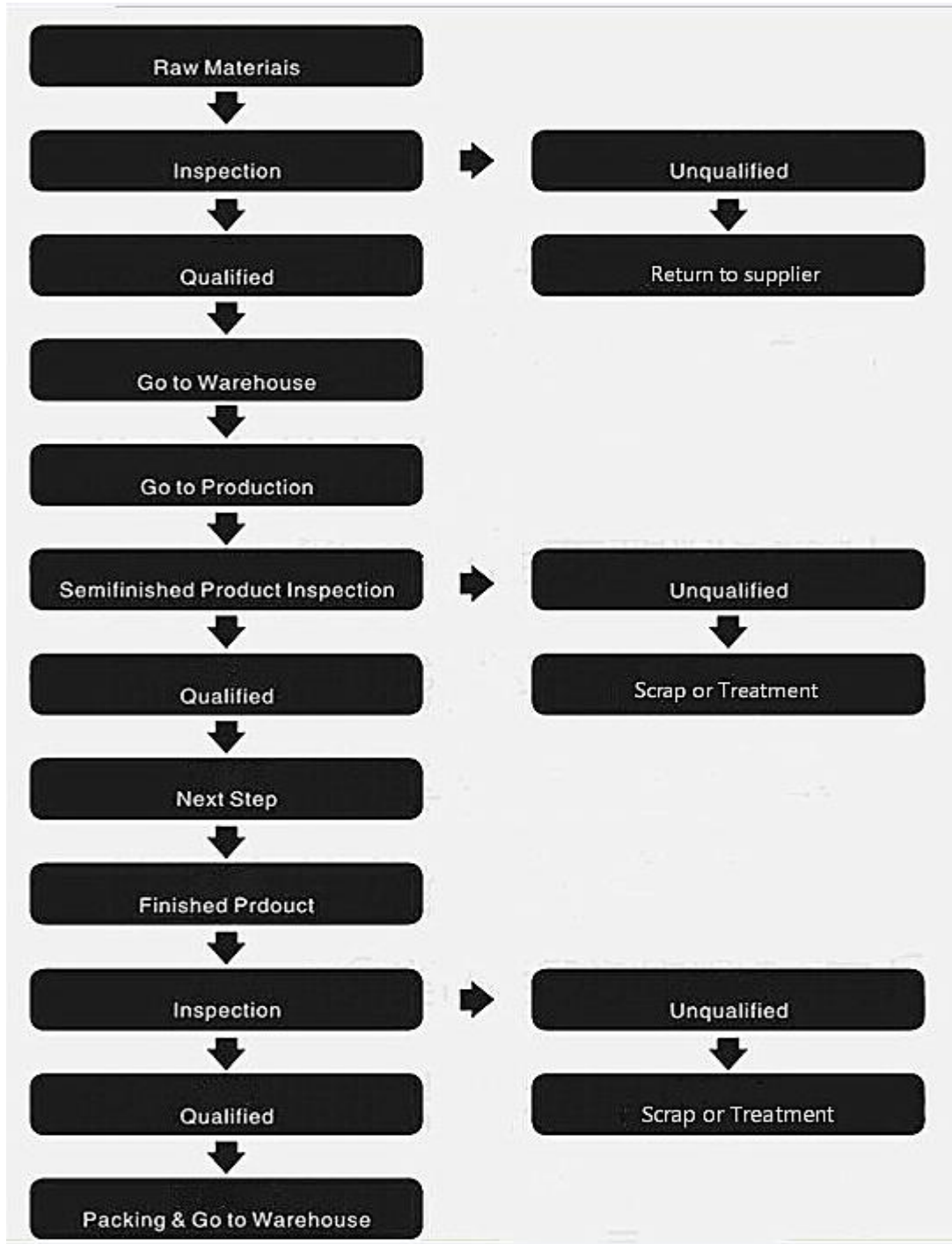
E-mail: sales@intmc.com



### 7. Manufacture plant of Silver Zinc electrical contact



### 8. Quality control flow chart of Silver Zinc electrical contact



**9. Packing and shipping for Silver Zinc electrical contact**

**Packing:**

First put 500-5000 pcs into small plastic bags or vacuum plastic bags, then in separated small carton box, at last Into hard cardboard box.

**INT** INT METAL  
PRODUCTS  
INT METAL PRODUCTS CO., LTD



**Shipping:**

We will choose the best way according to customer's requests.

1. By Air, to the indicated airport.
2. By Express (FedEx, UPS, DHL, TNT, EMS), to the indicated address.
2. By Sea, to the indicated sea port.



## 10.FAQ

### Q1. Can you help customers for designing products?

A1. We can help customers to design the best products to achieve both good function and costs saving according to their application.

### Q2. Can you help us to choose suitable material?

A2. We can recommend the most suitable material according to your application.

### Q3. What kind of electrical contact material you can provide?

A3. We can provide fine silver(Ag) , AgNi, AgCdO, AgSnO<sub>2</sub>, AgZnO, AgSnO<sub>2</sub>In<sub>2</sub>O<sub>3</sub>, AgC , AgWC , AgW , CuW etc

### Q4. Can you provide free samples?

A4. If we have the right or similar sizes in stock, we can send you for free.

### Q5. How do you control quality?

A5. We produce strictly according to customer's drawings and requests, here are strict control plan in every process, full check of each parts, strive to provide customer 100% quality products, ROHS/SGS test report, material certificate are available.