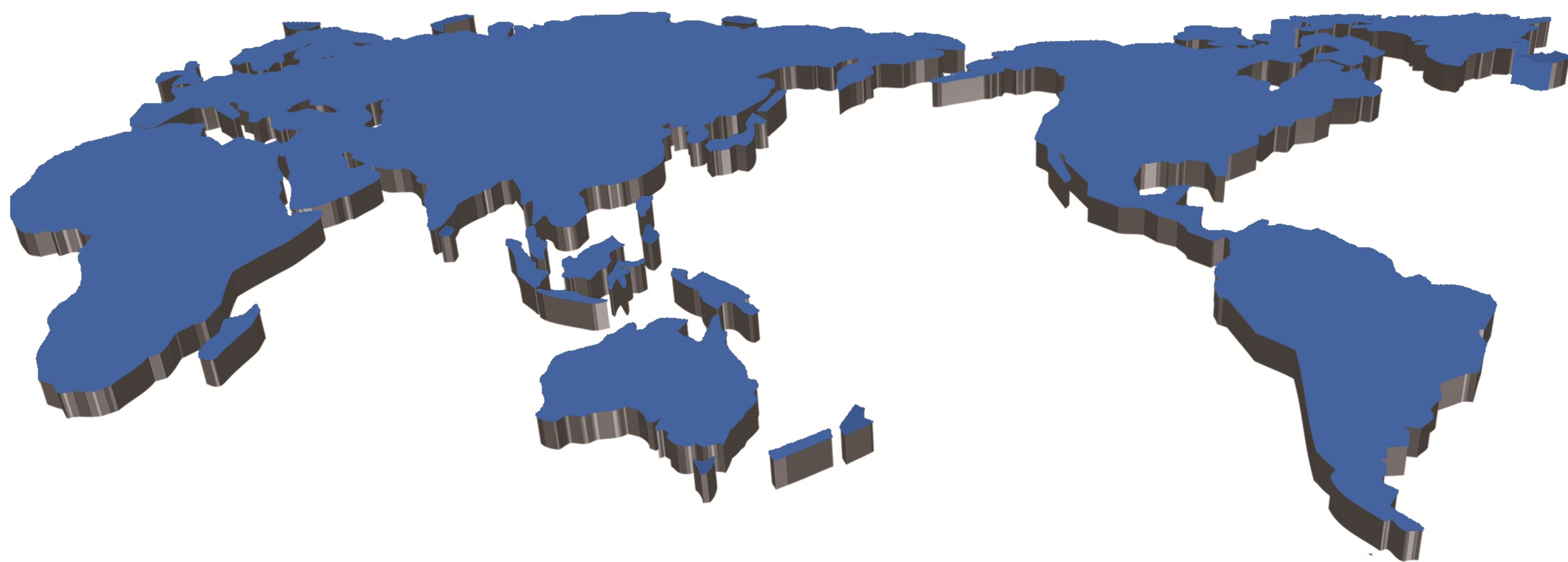




**JINZHONG GROUP**

# Product Introduction



SHANDONG JINZHONG GROUP



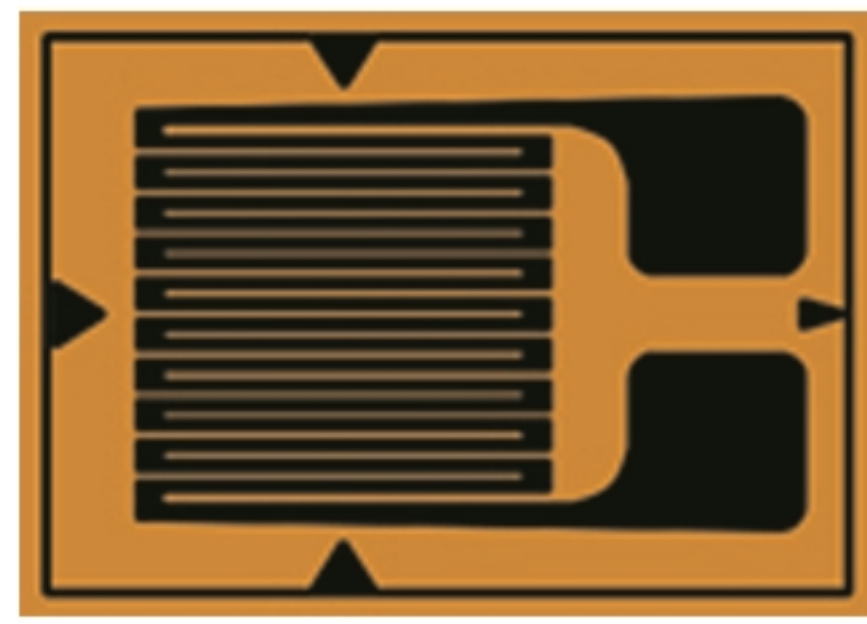
**Shandong Jinzhong Science and Technology Group, established in 1918, has history of 100 years, and is modern product manufacturing base with complete facilities and perfect technologies.**

**Headquarter of Shandong Jinzhong Science and Technology Group Co., Ltd has floor area of 25 mu and total building area of 18000 square meters; Jinzhong Industrial Park has floor area of 200 mu and total building area of 50000 square meters, and is modern product manufacturing base with complete facilities and perfect technologies.**

**Businesses of Jinzhong cover three groups, i.e., weighing basic component, industrial scale, system integration and software development.**

**Jinzhong forms strategic partnership with famous foreign and domestic enterprises, establishes sales channel and service system that covers the whole China, and provides weighing and information products and service with high quality to thousands of customers.**

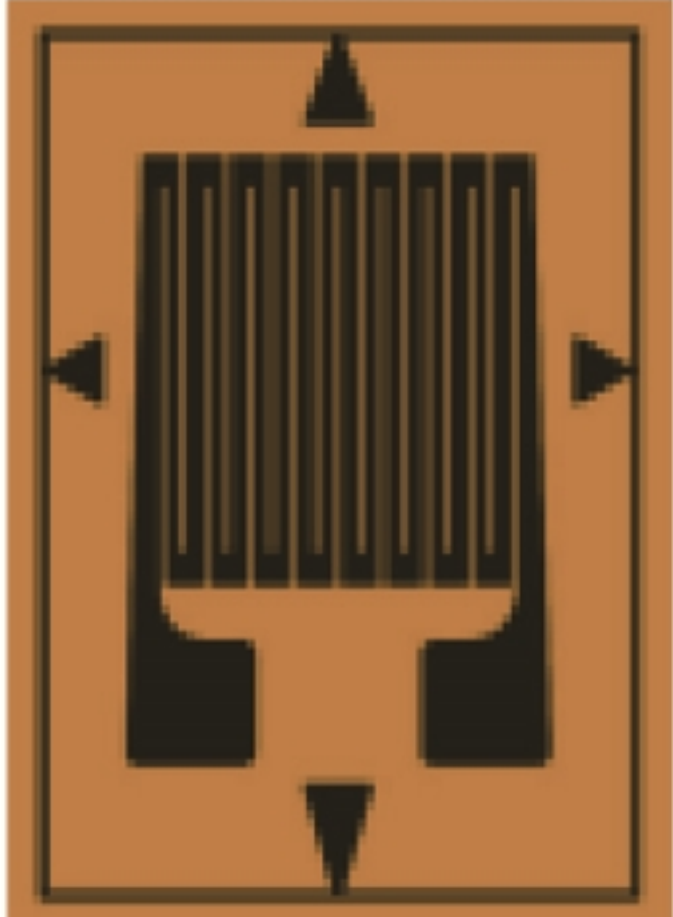
## Strain Gauge



Resistance type strain gauge is sensitive component, which uses resistance-strain effect and converts strain quantity of test piece into resistance change quantity, is the widest strain test component at present, and is mainly used in weighing/force measuring field.

### Single axle strain gauge




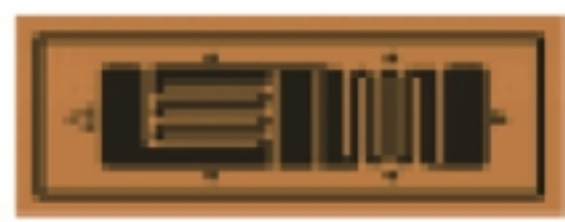

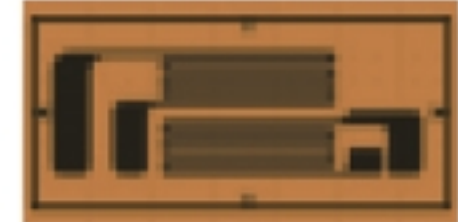
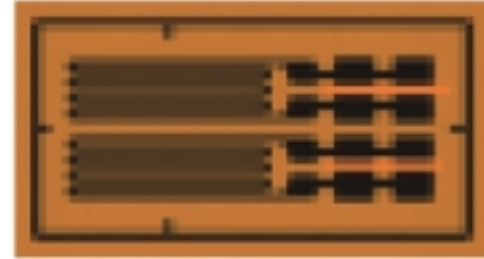

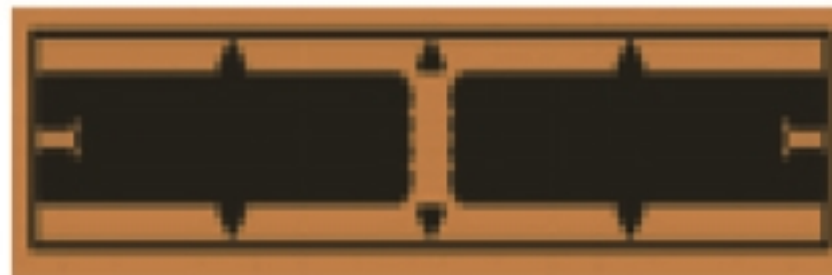
Single axle strain gauge uses single grid structure, can measure strain of sensitive grid in axial direction, is widely used load cell production, stain analysis and test, etc, and can meet operating requirements of load cell above C3 class.

Shape	Type	Sensitive grid size (length × width)	Base size	Resistance (ohm)
	BA120-1AA-**	1.5×3.5	7.8×3.5	120
		1×1	3.8×2	120
	BA120-2AA-**	2.7×1.9	6×4	120
	BA175-2AA-**	2×1.1	4×5.9	175
	BA350-1AA-**	1.6×2.5	5.5×3	350
	BA350-2AA-**	2.4×3	5.3×3.4	350
	BA350-2AA-**(NA, A, B, D, E, F)	2.0×2.6	7.3×4.5	350
	BA350-3AA-**(W, X, Y)	3.0×3.1	7.5×4.8	350
	BA700-3AA-**(23)	3.5×4	7.6×5.2	700
	BA1000-3AA-**(A, B, D)	3.0×3.1	7.2×4.9	1000
	BA1000-3AA-**(14)	3.0×3.3	4.1×6.1	1000
	BA1000-3AA-**(18)	3.0×3.0	7.6×5.2	1000
	BA1000-3AA-**(9, 23)	3.5×4	7.6×5.2	1000
	BA1000-3AA-**(23)			

# Stain Gauge

## Double axle strain gauge



Double axle strain gauge uses double grid, can measure strain of sensitive grid in shear stress or main strain direction, is widely used load cell production, stain analysis and test, etc, and can meet operating requirements of load cell above C3 class.

Shape	Type	Sensitive grid size (length × width)	Base size	Resistance (ohm)
	BA175-2HA-**(20)	1.9×1.3	5.2×7.4	175
	BA240-2HA-**(20)	1.9×1.6		240
	BA350-2HA-**(14, 16, 18, 20, 23)	2.0×1.6	7.9×5.3	350
	BA350-3HA-**	3.0×2.5	9.8×7.2	350
	BA1000-1.5HA-**	1.3×5.3	8.4×4.1	1000
	BA1000-2.5HA-**	2.0×3.8	7.5×5.5	1000
	BA175-2HA-**(18)A	1.5×1.9	7.8×3.5	175
	BA350-2HA-**(18)A	2.0×1.6	7.6×2.8	350
	BA350-2HA-**(18)B	2.0×1.6	7.6×2.8	350
	BA1000-2.5HA-**(20)A	2.5×2.2	8.0×3.2	1000
	BA175-2BB-**	2.0×1.3	6.0×6.0	175
	BA1000-3BB-**(22, 24, 26, 30)	3.0×3.0	6.7×8.7	1000
	BA350-3BB-**(23, 36)	2.6×2.2	12.8×4.7	350
	BA600-6BB-**(W)	6.0×1.3	11.9×11.1	600
	BA350-4FB-**	4×1.4	10×4	350
	BA1000-5FB-**	5×2.2	11×7	1000
	BA350-3GB-**(3)	3×4	7.8×3.5	350
	BA750-3GB-**(11)	3×3.5	19.2×5.2	750
	BA350-9GB-**	9×1.9	24.5×3.2	350

# Strain Sauge

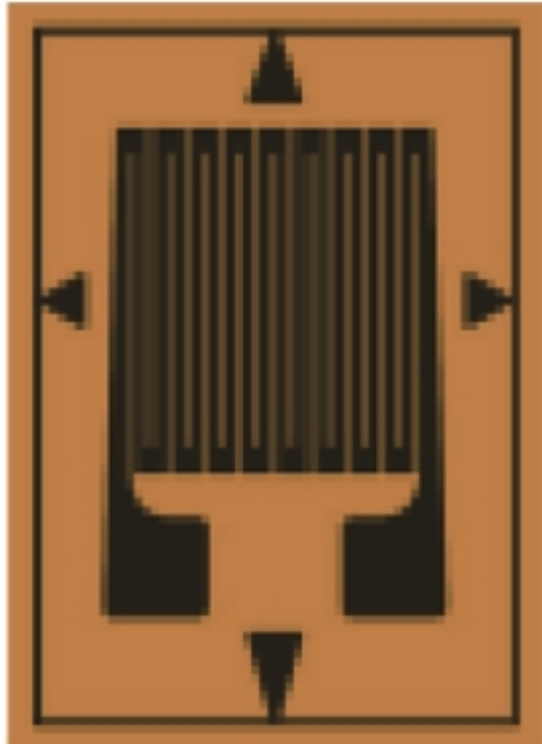
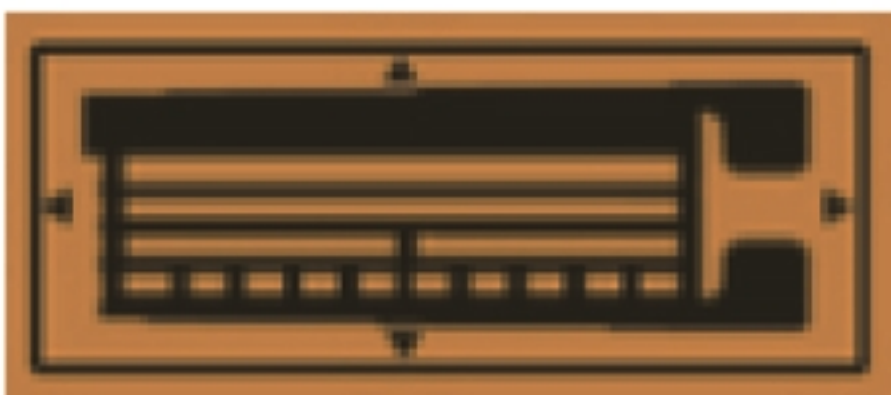
## Circular grid strain gauge

Circular grid strain gauge is concentric circle grid strain gauge, is one special strain gauge, and is used for load cell, etc.

Shape	Type	Sensitive grid size (length×width)	Base size	Resistance (ohm)
	BA350-7KA-**		Φ7	350
	BA350-(8)KA-**		Φ8.5	350
	BA350-(10)KA-**		Φ10.2	
	BA350-(18)KA-**		Φ18.8	
	BA350-(18)KAG-**		Φ18.8	350
	BA1000-35JA-**	Φ35×1.5	Φ42.3	1000
	BA1000-50JA-**	Φ50×1.5	Φ57.3	1000
	BA1000-65JA-**	Φ65×1.5	Φ87.3	1000

## Temperature inductance resistor


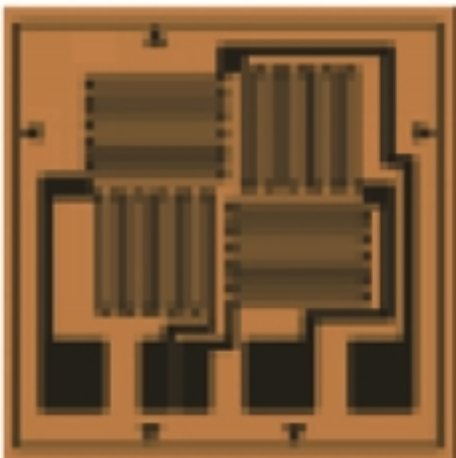




Temperature inductance resistor is produced by nickel foil, and is mainly used for temperature measuring and load cell temperature compensation.

Shape	Type	Sensitive grid size (length×width)	Base size
	RN15	2.7×1.9	6×4
	RN20	2.5×2.2	6×4
	RN30, 35, 40, 45	3×3.4	6.5×4.6
	RN50	3.4×2.5	7.2×4.5
	RN70, 80	4×4.1	7.6×5.4
	RNT23/1.8	10.9×3.5	14×5

# Strain Gauge

## Other composite strain gauge

Composite strain gauge is strain gauge with required shape arranged by grids according to need, and can measure strain in multiple directions.

Shape	Type	Sensitive grid size (length×width)	Base size	Resistance (ohm)
	BA350-2DD-**	2×3	16×16	350
	BA350-3EB-**(18)	3.0×3.0	9×11	350
	BA700-3EB-** (W)	3.0×2.8	10×12.8	700
	BA1000-3EB-** (18)	3.0×3.0	9×11	1000
	BA120-1.7CB-**	0.7×0.9	1.7×1.7	120
	BA120-1.8CB-**	0.8×0.9	1.8×1.8	
	BA120-2.5CB-**	0.9×0.9	2.5×2.7	
	BA120-3CB-**	0.9×0.9	3×3	120
	BA120-4CB-**	1.2×1	3.9×4	120
	BA120-5CB-**	1×1	Φ5	120
	BA350-8CB-**	1.6×2.5	Φ8	350



*Weighing ways created by Jinzhong*

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