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# Various types of Ribbon

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# Various types of Ribbon

Code	Alloys
NCHR1	Nickel Chrome Type 1
NCHR2	Nickel Chrome Type 2
FCHR2	Fe-Chrome Heating Wire Type 2
CN49R	Copper Nickel Resistance Wire No 49
CN30R	Copper Nickel Resistance Wire No 30
CN15R	Copper Nickel Resistance Wire No 15
CN10R	Copper Nickel Resistance Wire No 10
CN 5R	Copper Nickel Resistance Wire No 5

\* Please contact us if you need materials other than those listed above,  
or if you need products in sizes other than those listed.

## Dimensions of alloy strip for electric heating and tolerance of conductor resistance

### Conductor resistance tolerance of Ribbon

Thickness [mm]	Width [mm]	Resistance Tolerance [%]
0.08 above 3.15 below	Less than 10	±8
0.08 above 3.15 below	10 or more	±7

### Dimensional tolerance of Ribbon

Thickness [mm]	Width [mm]	Resistance Tolerance [%]
0.080 above 0.090 below		±0.010
0.090 above 0.118 below		±0.013
0.118 above 0.160 below		±0.016
0.160 above 0.224 below		±0.020
0.224 above 0.315 below		±0.025
0.315 above 0.425 below		±0.032
0.425 above 0.600 below		±0.040
0.600 above 0.850 below		±0.050
0.850 above 1.180 below		±0.063
1.180 above 1.700 below		±0.080
1.700 above 2.500 below		±0.100
2.500 above 3.150 below		±0.130
	0.40 or more, 50 or less	±0.11√W

\* We can manufacture products other than the standard (size and tolerance), so please inquire.