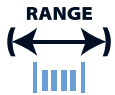


# RW 118 / RW 122 / RW 70 Ultra High Strength Hot Cutting Wires

### IMPORTANT

We will manufacture to your required mechanical properties.

## key advantages to you, *our customer*



0.025mm to 21mm  
(.001" to .827")



Order 3m to 3t  
(10 ft to 6000 Lbs)



Delivery:  
within 3 weeks



Wire to your spec



E.M.S available



Technical support

### RW 118 / RW 122 / RW 70 available in:-

- Round wire
- Bars or lengths
- Flat wire
- Shaped wire
- Rope/Strand

### Packaging

- Coils
- Spools
- Bars or lengths



# RW 118 / RW 122 / RW 70 Ultra High Strength Hot Cutting Wires



RW 118 Properties		
Density	8.18 g/cm <sup>3</sup>	0.296 lb/in <sup>3</sup>
Electrical Resistivity at 20 °C	118 microhm • cm	710 ohm • Circ • mil/ft
Maximum Operating Temperature	300 °C	572 °F
Melting Point	1370 °C	2500 °F
Coefficient of Expansion	12.7 µm/m °C (20 – 100 °C)	7.1 x 10 <sup>-6</sup> in/in °F (70 – 212 °F)

RW 122 Properties		
Density	8.28 g/cm <sup>3</sup>	0.299 lb/in <sup>2</sup>
Electrical Resistivity at 20 °C	122 microhm • cm	734 ohm • Circ • mil/ft
Maximum Operating Temperature	300 °C	572 °F
Melting Point	1430 °C	2600 °F
Coefficient of Expansion	12.6 µm/m °C (20 – 100 °C)	7 x 10 <sup>-6</sup> in/in °F (70 – 212 °F)

RW 70 Properties		
Density	8.00 g/cm <sup>3</sup>	0.289 lb/in <sup>2</sup>
Electrical Resistivity at 20 °C	70 microhm • cm	421 ohm • Circ • mil/ft
Maximum Operating Temperature	300 °C	572 °F
Melting Point	1375 °C	2500 °F
Coefficient of Expansion	17.6 µm/m °C (20 – 100 °C)	9.8 x 10 <sup>-6</sup> in/in °F (70 – 212 °F)