**Key Features**

- Good resistance to oxidising environments at high temperatures for long exposures
- Excellent resistance to sulphidation
- **High temperature static applications**

**HAYNES 25/L605 available in:-**

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

**Packaging**

- Coils
- Spools
- Bars or lengths

**IMPORTANT**

We will manufacture to your required mechanical properties.

**key advantages to you, our customer**

- **RANGE**
  - 0.025mm to 21mm
    - (.001" to .827")
- **DELIVERY**
  - Order 3m to 3t
    - (10 ft to 6000 Lbs)
  - Delivery: within 3 weeks
- Wire to your spec
- E.M.S available
- Technical support

*Tradename of Haynes International.*
## Chemical Composition

<table>
<thead>
<tr>
<th>Element</th>
<th>Min %</th>
<th>Max %</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>0.05</td>
<td>0.15</td>
</tr>
<tr>
<td>Mn</td>
<td>1.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Si</td>
<td>-</td>
<td>0.40</td>
</tr>
<tr>
<td>P</td>
<td>-</td>
<td>0.040</td>
</tr>
<tr>
<td>S</td>
<td>-</td>
<td>0.030</td>
</tr>
<tr>
<td>Cr</td>
<td>19.00</td>
<td>21.00</td>
</tr>
<tr>
<td>Ni</td>
<td>9.00</td>
<td>11.00</td>
</tr>
<tr>
<td>W</td>
<td>14.00</td>
<td>16.00</td>
</tr>
<tr>
<td>Fe</td>
<td>-</td>
<td>3.00</td>
</tr>
<tr>
<td>Co</td>
<td>BAL</td>
<td></td>
</tr>
</tbody>
</table>

## Specifications

- AMS 5796
- AMS 5759
- ASTM F90
- BS HR 40
- ISO 15156-3 (NACE MR 0175)

## Key Features

- Good resistance to oxidising environments at high temperatures for long exposures
- Excellent resistance to sulphidation
- **High temperature static applications**

## Typical Applications

- Parts for gas turbine engines and bearings

## Designations

- W.Nr. 2.4964
- UNS R30605
- AWS 060

## Properties

<table>
<thead>
<tr>
<th>Condition</th>
<th>Approx. tensile strength</th>
<th>Approx. operating temperature depending on load** and environment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/mm²</td>
<td>ksi</td>
</tr>
<tr>
<td>Annealed</td>
<td>900 – 1500</td>
<td>131 – 218</td>
</tr>
</tbody>
</table>

**Static applications** = still/fixed/motionless/rigid