

# HAYNES<sup>®</sup> 718 alloy

## Nominal Composition

### Weight %

<b>Nickel:</b>	52 Balance
<b>Cobalt:</b>	1 max.
<b>Iron:</b>	19
<b>Chromium:</b>	18
<b>Niobium* + Tantalum</b>	5
<b>Molybdenum:</b>	3
<b>Manganese:</b>	0.35 max.
<b>Silicon:</b>	0.35 max.
<b>Titanium:</b>	0.9
<b>Aluminum:</b>	0.5
<b>Carbon:</b>	0.05
<b>Boron:</b>	0.004

\*Also known as Columbium