



### Characteristics and scope of application

- The alloy composition retards the precipitation at grain boundaries while hot working, thus it is very corrosion resistant in oxidizing and reducing media.
- We emphasize the resistance against stress corrosion and crevice corrosion, as well as pitting corrosion.

### Standard designations

- DN designation Chronin C22
- Alloy number / UNS 2.4602 / N06022
- Norms DIN 15156 / DIN 17744 / DIN 17752 / DIN 17753 / ASTM B 564 / ASTM B 574
- Typical chemical composition Ni 63%, Cr 21%, Mo 14%, W 3%

### Physical properties

Density	Temperature liquidus line	Electrical resistivity	Mean coefficient of thermal expansion
lb/in <sup>3</sup>	°F	Ohm CMF	10 <sup>-6</sup> /°F   68 to 212°F
0.31	2552	662	6.7

### Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
115*	55*	55*

\* solution annealed