

AM 350® is a versatile, semi-austenitic stainless steel known for its unique ability to be strengthened through multiple pathways, including cold working, heat treatment, and precipitation hardening. This flexibility allows the alloy to deliver an impressive combination of high strength, toughness, and corrosion resistance, making it valuable in demanding aerospace and industrial environments. Its balanced chemistry provides stability across a wide temperature range, while its transformation-hardening capability enables designers to tailor mechanical properties to specific performance needs. As a result, AM 350® is often chosen for springs, fasteners, structural components, and other parts that must endure both mechanical stress and corrosive conditions without sacrificing reliability.

## Products & Sizes

### Precision Reroll Strip

0.0008" - 0.015"

### AM 350® Chemical Composition

	Element	Percent by Weight Min	Percent by Weight Max
Cr	Chromium	16.0	17.0
Ni	Nickel	4.0	5.0
Mn	Manganese	-	1.0
Si	Silicon	-	1.0
C	Carbon	0.08	0.12
N	Nitrogen	-	0.07
P	Phosphorus	-	0.040
S	Sulfur	-	0.030
Fe	Iron	-	Balance

### Industry Standards

### Industry Applications

- Springs
- Clips
- Fasteners
- Brackets
- Actuators
- Valve components
- Pump parts
- Surgical tools

## Physical Properties

## Mechanical Properties