

# NICKEL ALLOY

## High Performance Plate



### Nickel Alloy

#### High Performance Corrosion- and Heat-Resistant Plate and Plate Products

Sandmeyer Steel Company has an extensive inventory of Nickel Alloy Plate and Plate Products.

Recognized as North America's leading provider of stainless steel plate and plate products, with an 18 million pound inventory on the floor in Philadelphia, Sandmeyer Steel Company now brings the same breadth of inventory and unparalleled plate processing capabilities to high-performance nickel alloy plate and plate products. When the application is challenging and conventional stainless steels won't do the job, contact Sandmeyer Steel Company for your high-performance nickel alloy plate and plate product requirements. If the environment requires resistance to extreme corrosion or heat, high strength, or a combination of factors, we have 10 nickel alloys that will do the job in thicknesses from .1875" (4.8 mm) to 4" (101.6 mm).

Vessels, heat exchangers, pipes, pumps, valves, scrubbers, and other process equipment components used in the marine engineering, chemical, petrochemical, hydrocarbon, thermal and food processing, oil and gas extraction, power generation, and pollution control industries are prime applications for these high-performance alloys.

### Value-Added Plate Processing

With over 100 pieces of value-added plate processing equipment in-house, we can provide you with nearly any shape or configuration you require. From plasma cut edge beveling to bandsaw cut plate and bar to abrasive waterjet cut shapes to *Machinicut* rings and discs to rolled and code-welded rings and custom-fabricated products, Sandmeyer's value-added plate processing capabilities are second to none. Better still, it's all available under one roof, assuring you an on-time delivery and a quality product with Sandmeyer's complete document package.

Visit our website at [www.SandmeyerSteel.com](http://www.SandmeyerSteel.com) for a complete review of the value-added plate processing we can do for you, as well as the most up-to-date nickel alloys stock list.

### Materials Certifications

Sandmeyer's nickel alloy plate can be certified to ASTM, ASME, AMS, and QQ-N specifications.

| Grade                | UNS No.         | Stock Thickness (in inches—top row, and millimeters—bottom row) |     |     |      |      |     |      |       |       |       |      |       |      |       |       |  |
|----------------------|-----------------|---|-----|-----|------|------|-----|------|-------|-------|-------|------|-------|------|-------|-------|--|
|                      |                 | 3/16  | 1/4 | 3/8 | 1/2  | 5/8  | 3/4 | 1    | 1 1/4 | 1 1/2 | 1 3/4 | 2    | 2 1/2 | 3    | 3 1/2 | 4     |  |
|                      |                 | 4.8   | 6.3 | 9.5 | 12.7 | 15.9 | 19  | 25.4 | 31.8  | 38.1  | 44.5  | 50.8 | 63.5  | 76.2 | 88.9  | 101.6 |  |
| SSC Alloy 200/201    | (N02200/N02201) | •   | •   | •   | •    | •    | •   | •    |       |       |       |      |       |      |       |       |  |
| SSC Alloy 330        | (N08330)        | •   | •   | •   | •    | •    | •   | •    |       |       |       |      |       |      |       |       |  |
| SSC Alloy 400        | (N04400)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    | •     | •    |       |       |  |
| SSC Alloy 400AR      | (N04400)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    | •     | •    |       |       |  |
| SSC Alloy 600        | (N06600)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    |       |      |       |       |  |
| SSC Alloy 625        | (N06625)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    | •     | •    |       |       |  |
| SSC Alloy 800H/800HT | (N08810/N08811) | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    |       |      |       |       |  |
| SSC Alloy 825        | (N08825)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    |       |      |       |       |  |
| SSC Alloy C276       | (N10276)        | •   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    | •     |      |       |       |  |
| SSC Invar 36         | (K93603)        |   | •   | •   | •    | •    | •   | •    | •     | •     | •     | •    | •     | •    | •     | •     |  |



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