

## Nickel Alloy Product Line

Centric Alloys, in partnership with ArcelorMittal, offers an array of alloys for demanding applications in the global marketplace.

Nickel and nickel bearing alloys comprise a large family of grades used in a diversity of demanding applications. These grades are specified when service conditions (combination of corrosive media, mechanical forces, and temperature) call for a superior level of corrosion resistance (i.e. pitting, crevice, stress corrosion, etc...), heat resistance, oxidation resistance, mechanical properties (strength, wear resistance, fatigue resistance, etc...), or some combination thereof.

### HIGH PERFORMANCE ALLOYS

Nickel and nickel bearing alloys are classified in numerous ways. For example, they can be classified along compositional lines (i.e. Fe-Ni-Cr alloys, Ni-Cr alloys, Ni-Cu alloys, etc...) or service condition lines (i.e. "High Temperature alloys", "Heat Resistant alloys", "Corrosion Resistant alloys", "Controlled Expansion alloys", etc...). These alloys are sometimes referred to by terms such as "High Performance alloys" or "Superalloys", among others. Regardless of the classification, Centric Alloys Corporation can provide you with the product needed for your demanding application.

### CUSTOMER CENTRIC

In today's competitive environment, service, particularly in the area of distribution, is the strategic focus of top management. It is the intent of Centric Alloys Corporation to keep customers so satisfied with the level of service that they return again and again.



### STRATEGICALLY POSITIONED

Centric Alloys offers a national reach to major geographical markets by offering distribution through company operated and partner locations in Pennsylvania, South Carolina, Illinois and Nevada. Centric Alloys delivers products and services when and where you need them with advantageous lead times and the ability to deliver wherever and whenever, whether it be mill order or from inventory stock.

### THE CENTRIC ADVANTAGE

#### Product Diversity

A complete range of products that fit the most demanding applications in the global marketplace.

### Processing Options

Value-added finishing options including:

- Bar grinding, polishing, or cutting
- Coil-to-coil cold drawing
- Coil-to-bar cold drawing

### Custom Product Development

Designed to meet your unique technical & material specifications.

### Dedicated Inventory Programs

Tailored to meet your supply and demand needs using closed-end stock and release arrangements.

### Customized Consumption Analysis

A detailed analysis of your inventory consumption to ensure proper forecasting and supply chain management.

### FEATURES AND ADVANTAGES

*Superior Level of Corrosion*

*Superior Mechanical Properties*

*Magnetic Permeability*

*Low Thermal Expansion*

*Exceptional Strength*

*Versatile Welding Characteristics*



**TOLL FREE: 888-392-5569**

**NICKEL ALLOY GRADES**

FORM	RANGE	FINISH
Wire Rod	0.217" to 0.827"	Pickled
Drawn Bar	0.157" to 0.787"	Cold Drawn or Ground
Rolled Bar	0.630" to 6.300"	Turned, Peeled or Ground
Forged Bar	3.150" to 15.750"	Peeled or Ground
Billet	3.150" to 15.750"	By Inquiry
Plate	Thickness 0.236" to 10", Width 24" to 118"	Pickled or Sand Blasted



ARCELORMITTAL	UNS DESIGNATION
NY 330	N08330
NY 330Cb	-
NY 600	N06600
NY 601	N06601
NY 811	N08811
SY 22	N06022
SY 35N	R30035
SY 61	N02061
SY 80A	N07080
SY 82	N06082
SY 90	N07090
SY 276	N10276
SY 286	S66286
SY 617	N06617
SY 625	N06625
SY 685	N07001
SY 706	N09706
SY 718	N07718
SY 750	N07750
SY 825	N08825
SY 926	N08926
SY 928	N08028
SY X	N06002

ARCELORMITTAL	UNS DESIGNATION
SUPRA 50	K94800
PHY 16Mo	N26059
PHY 55	W82002
PHY 301	N03301
PHY 400	N04400
PHY 413	C71581
PHY 418	N04060
PHY 920SLR	N08020
PHYNOX	R30003
AFK 1	K92650
AFK 502	R30005
Dilver P	K94610
Durimphy	K93120
Durinval	N09902
GILPHY 80	N06003
Invar®	K93600/K93601/K93603
N 42	K94100
N 52	N14052
Ni 200	N02200
Ni 201	N02201
NITRONIC® 50	S20910
NITRONIC® 60	S21800
<b>Other Grades Available, Please Inquire</b>	

**ABOUT CENTRIC ALLOYS**

Centric Alloys Corporation is a North American distributor and mill agent for nickel and nickel bearing alloys and stainless steels in wire rod and bar product forms. Nickel and nickel bearing alloy products are manufactured by ArcelorMittal—Stainless & Nickel Alloys, a division of ArcelorMittal, and distributed to the North American market by Centric Alloys Corporation through a newly formed partnership between the two companies.

Centric Alloys provides a full complement of sales, multi-location distribution, technical assistance and other valued services to distinguished customers in the North American market.



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