

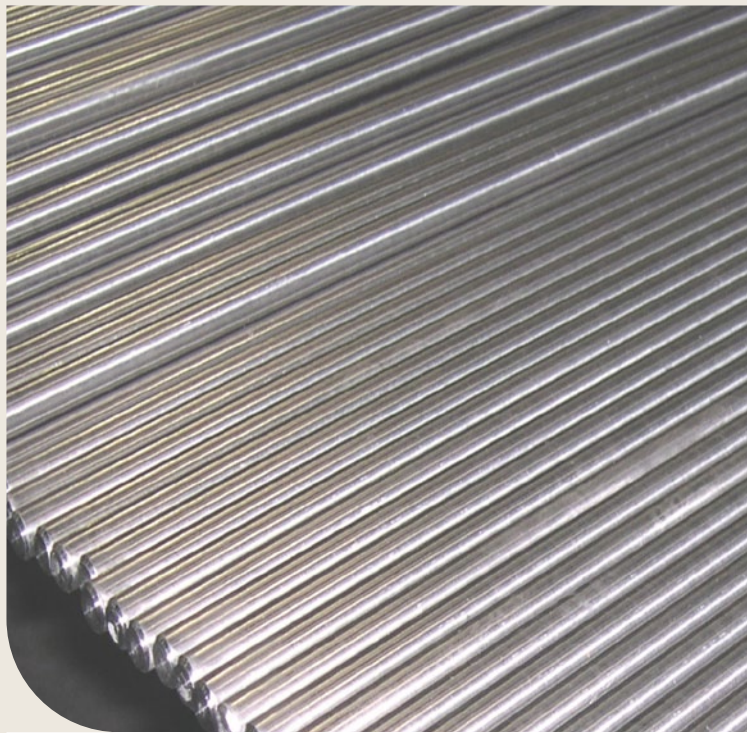
Stainless & Nickel Alloys



ArcelorMittal

Cold Drawn Bars in Nickel Alloys  
From Ø 4 to 20 mm





## Applications:

- Chemical, food and pulp and paper industries
- Thermal processing
- Automotive industry
- Pharmaceutical industry
- Energy (pipe, elements for gas turbines,...)
- Petrochemical industry (rings, valves, tubes,...)
- Marine, aeronautic and nuclear engineering
- Safety valves, medical, ...

## Finishing:

- Cold drawn
- Straightened
- Annealed
- Aged
- Centerless ground

## Certifications:

- EN ISO 9001
- ISO/TS 16949  
EN 9100
- ISO 14001

Grades	Werkst.	UNS	ASTM	AMS
<b>Heat resistance &amp; corrosion resistance alloys</b>				
NY600	2.4816	N06600	B166	5665
NY601	2.4581	N06601	B166	--
NY800	1.4876	N08800	B408	5766
NY810	1.4958	N08810	B408	5766
NY811	1.4959	N08811	B408	5766
SY22	2.4602	N06022	B574	--
SY218	--	S21800	A193	--
SY276	2.4819	N10276	B574	--
SY286	1.4980	S66286	A638	5731...
SY617	2.4663	N06617	B166	5887
SY625	2.4856	N06625	B446	5666...
SY706	--	N09706	--	--
SY718	2.4668	N07718	B637	5662...
SY750	2.4669	N07750	B637	5667...
SY80A	2.4952	N07080	B637	--
SY825	1.4858	N08825	B425	--
SY926	1.4529	N08926	B649	--
PHYNOX	2.4711	R30003	F1058	5875

Grades	Werkst.	UNS	ASTM	AMS
<b>Thermal expansion controlled alloys</b>				
INVAR®	1.3912	K93600	F1684	--
N42	1.3917	K94100	F30	--
DILVER P	1.3981	K94610	F15-F29	7726-7727

## Magnetic alloys

Grades	Werkst.	UNS	ASTM	AMS
MUMETAL	2.4595	N14080	A753	--
SUPRA 50	1.3922	K94800	F30	--
DURIMPHY	1.6358	K93120	--	--

## Nickel alloys - NiCu alloys

Grades	Werkst.	UNS	ASTM	AMS
NI200	2.4066	N02200	B160	--
NI201	2.4061	N02201	B160	--
PHY400	2.4360	N04400	B164	4675

	Standard formats	Finishing
Wire Rod	Ø 5,5 mm to Ø 21 mm	Pickled
Cold drawn Bars	Ø 4 mm Ø to 20 mm	Cold drawn or centerless ground
Round Bars	Ø 20 mm to Ø 400 mm	Ground, Peeled or Turned
Square Bars	80 mm² to 400 mm²	Ground or fined ground
Plates	Thicknes 6 mm to 250 mm - Width 600 mm to 3000 mm	Pickled or sandblasted

For other grades formats made in Imphy, contact us.

ArcelorMittal | Stainless & Nickel Alloys

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