

THE LARGEST STOCK IN EUROPE

STAINLESS STEEL DUPLEX NICKEL ALLOYS



GLOBALALLOYS
NICKEL ALLOYS DUPLEX AND STAINLESS STEEL

www.globalalloys.it





Global Alloys is a reliable company that incorporates over eighteen years of its partners' experience in the steel industry. We have developed in-depth know-how in the niches of semi-finished products in nickel alloys, special steels, and duplex for sectors with high performance and quality requirements such as those needed for materials used in aircraft construction, both in the atmosphere and in space, or gas turbines.

We operate as direct suppliers and as representatives of significant foreign distributors, thus combining the commercial and technical strength of various companies in the sector to respond broadly to material requests.

The range of materials that Global Alloys offers extends to nickel alloys for industrial applications where corrosion, temperatures, and breaking loads pose a challenge. We supply alloys and steels suitable for the oil and gas extraction industry, refineries, chemical and pharmaceutical production processes, plant manufacturers such as gas turbines for energy generation, heat exchangers and pumps, components for the naval industry, industrial furnaces, and many others. We have the capability to stock for you on specific setups.

We supply duplex and stainless steels in various forms: such as bars, tubes, and flanges. We offer these materials from the largest European depot managed with automated warehouses. Over twenty thousand tons of ready stock allow for immediate deliveries even in large quantities. All with full traceability of European origin.

All the material we supply can be custom cut, we perform mechanical processing and heat treatments.

Thanks to close collaboration with some forges, the range of offerings is completed with every type of forging such as rings, sleeves, shafts, or flanges.



We provide materials for aerospace use and aircraft construction, turbines, engines, racing from an AS9120B certified company



The management of stockholding and distribution of ferrous and non-ferrous metal products with lot traceability has been assessed and registered by NQA against the provisions of: **AS9120B & BS EN 9001:2015** and in accordance with the requirements of EN 9104-001:2013

NICKEL and COBALT ALLOYS

Alloy 75	
Alloy 80A	
Alloy 90	AMS 5829
Alloy 625	AMS 5666
Alloy 718	AMS 5662
Alloy X-750	AMS 5667
Alloy X	AMS 5536
Alloy 617	AMS 5889
Alloy 400	AMS 4554
Alloy C263	AMS 5886
Waspaloy	AMS 5704
MP35N	AMS 5844
Alloy 901	AMS 5660
Alloy 25/L605	AMS 5759

SPECIAL STEELS

Maraging 250	K92890 6512, Mil-S-467850 A538
Maraging 300	K93120 6514, Mil-S-46850 A538
S99	
S130	
S156	
4340	
4130	
300M	
52100	

STAINLESS STEELS

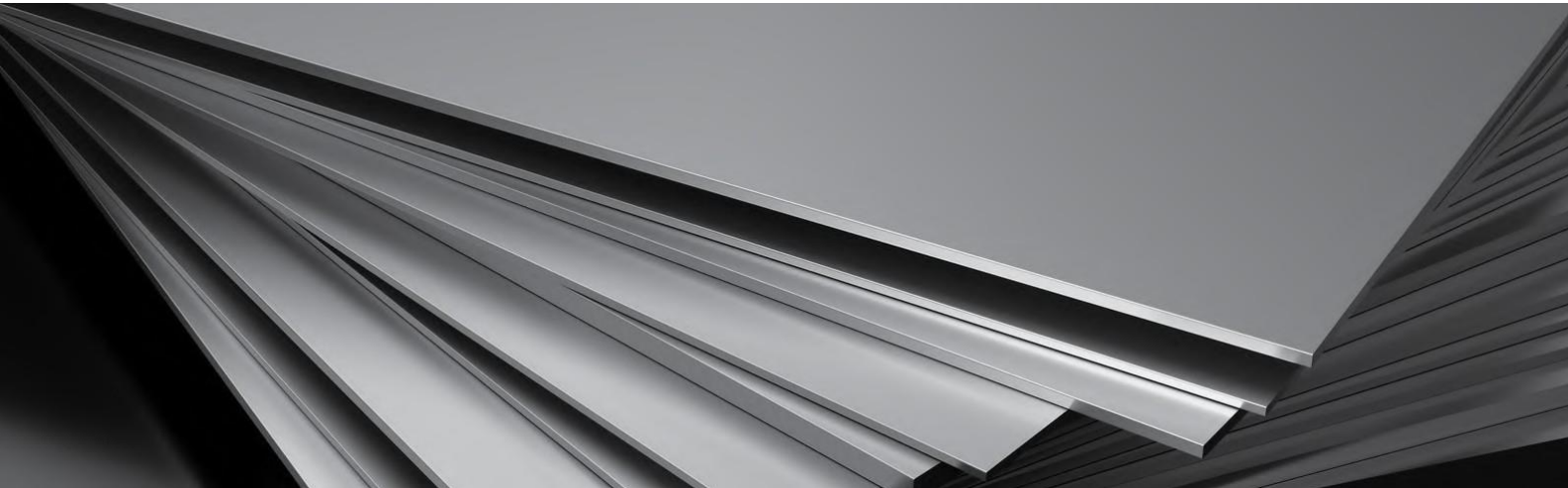
13-8PH	S13800 AMS 5629, 5864 A564, A693
15-5PH	S15500 AMS 5659, 5862, 5826 A564, A484
17-4PH	S17400 AMSAMS 5643, 5622, 5604 A564
Custom 450	S45000 AMS 5763, 5773, 5863 A564
17-7PH	S17700 5644, 5528, 5529, 5678 A564

ALUMINIUM in BAR, PLATE, TUBES

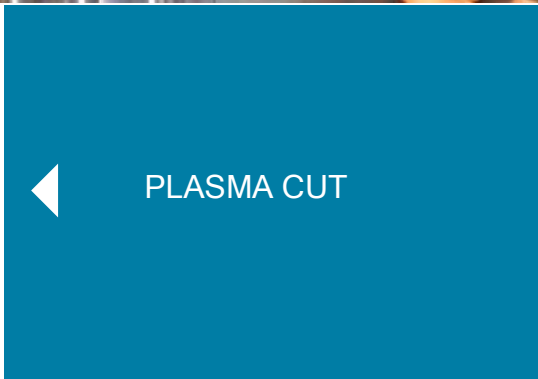
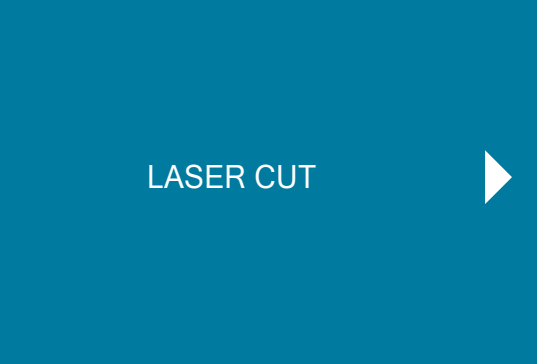
2014A	AMS 4028, 4029; QQA-225, QQA-250/4 B247
2024	AMS 4120, B210; QQA-250/4, QQA-200/3
2124	A92124 4 AMS 4102; QQA-250/29, EN2422
6061	A96061 4081, 4083; EN573, EN574 B210
6082	A96082 HE30, EN573, EN755
7050	A97050 AMS 4050, AMS 4201
7075	AMS 4122, 4169 QQA-200/11, QQA225/9

TITANIUM

Grade 1	R50250; 6512; B265, B338, B348
Grade 2	R50400 6514 B265, B338, B348
Grade 5	AMS 4911, AMS 4928, AMS 4967, AMS 6931 Mil-T-9046, B265, B338, B348
Grade 9	AMS 4943, AMS 4944, B265



We specialize in supplying sheets in various nickel alloys, which we can provide custom-made. We have the widest choice of nickel alloys in Europe - stock of over 3000 tons. The alloy sheets offered from stock have thicknesses from 0.8 up to 50 mm. For alloys not available in stock, we rely on a vast network of suppliers worldwide. We also propose supplies from steel mill setups. We perform cutting on request, both as standard formats and custom shapes requested by the client



NICKEL ALLOYS			
DENOMINATION	GRADE Wr.	UNS	THICKNESS
Alloy 200/201	2.4066	N2200/2201	0,5 - 25
Alloy 400	2.4360	N04400	0,5 - 30
ALLOY 600/601	2.4816	N06600	0,5 - 50
Alloy 625	2.4856	N06625	0,5 - 60
Alloy 625LCF		N06626	0,5 - 2,0
Alloy 800H	1.4558	N08810	5,0 - 50
Alloy 800HT	1.4959	N08811	1,5 - 50
Alloy 825	2.4858	N08825	0,5 - 120
Alloy C276	2.4819	N10276	0,53-50,8
Alloy C22	2.4602	N06022	0,63-50,8
Alloy B-3	2.4600	N10675	Content0,53-50,8
Alloy C-4	2.4610	N06455	0,53-50,9
Alloy C-2000	2.4675	N06200	0,63-50,8
Alloy 718	2.4668	N07718	0,5 - 20
Alloy 617	2.4663	N06617	1,0 - 4,0
Alloy 20	2.4660	N08020	6,0 - 38,0

STAINLESS STEEL		
AISI	GRADE Wr.	THICKNESS
303	1.4305	5,0 - 50
304L	1.4301	5,0 - 150
304H	1.4948	5,0 - 150
309S	1.4828	5,0 - 7,6
310S	1.4335	5,0 - 150
316L	1.4404	5,0 - 150
316TI	1.4571/1.4573	5,0 - 150
317L	1.4438	5,0 - 76
317LMN	1.4439	5,0 - 19,0
321	1.4541	5,0 - 100
321H	1.4878	5,0 - 100
347	1.4550	5,0 - 100
347H		5,0 - 100
410	1.4006	5,0 - 100
630	1.4542	5,0 - 100

DUPLEX STEEL & SUPERAUSTENITIC		
AISI	GRADO Wr.	SPESSORI
S31803/2205	1.4462	5,0 - 100
S32760/2507	1.4501	5,0 - 50
S32750	1.4410	10,0 - 60
254 SMO(F44)	1.4547	6,0 - 50
N08904(904l)	1.4539	5,0 - 70



STOCK OF NICKEL ALLOY BARS



Global Alloys is the largest alloy stock in Europe, with holdings of over 3000 tons. The bars in various alloys, which are in stock, range on average from 12 mm to 400 mm in diameter. For material not present in stock, according to your needs, we rely on a vast network of suppliers around the world. Alternatively, we can arrange specific orders in steel mills and keep the material in our stock for you.



CUTTING OF BARS

REFORGING Ingots - Bilet

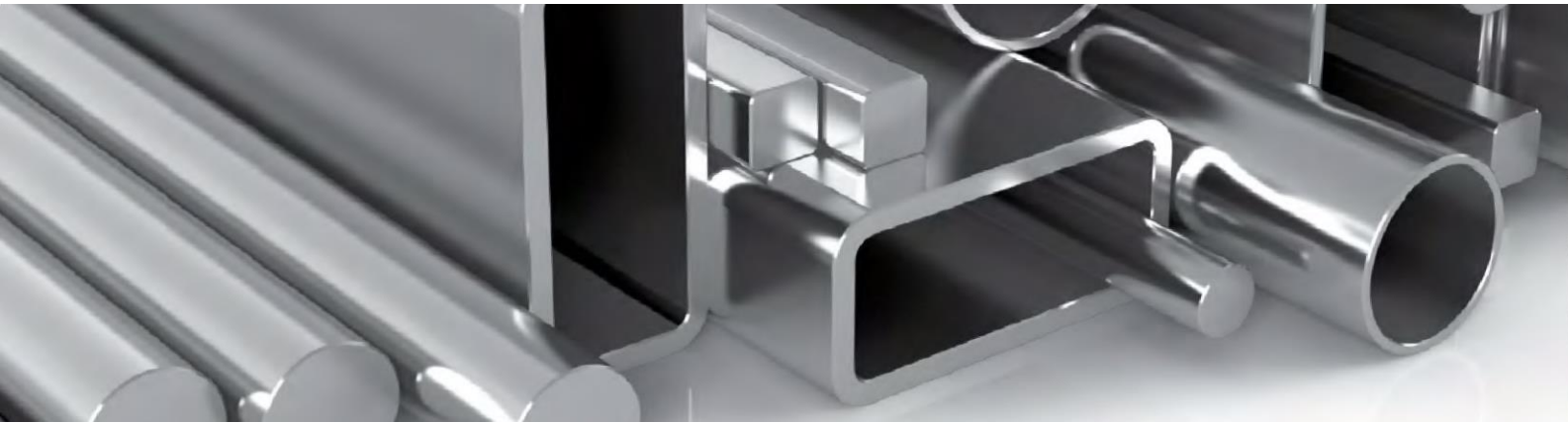


MACHINING

DENOMINATION	UNS nr.	ASTM	WERKSTOFF	DIAMETER (mm)
Alloy C276	N10276	B564/574	2.4819	6 - 400
Alloy C-22	N06022	B574	2.4602	8 - 300
Alloy 242	N10242			19 - 165
Alloy C2000	N06200		2.4675	12,7 - 203
Alloy B-3	N10675	B335	2.4600	10 - 220
Alloy C-4	N06455	B574	2.4610	7 - 350
Alloy 59	N06059		2.4605	10 - 101
Alloy 6B	R30016			12,7 - 50,8
Alloy 20	N08020	B473	2.4660	19 - 280
Alloy 800	N08800	B408/564	1.4876	8 - 200
Alloy 800 H/HT	N08811	B408/564	1.4958	8 - 200
Alloy 825	N08825	B425/564	2.4858	19 - 300
Alloy 645	N0645	B425/564		50 - 250
Alloy 600/601	N06600	B166/564	2.4816	6 - 200
Alloy 617	N06617	B166/564	2.4663	50 - 250
Alloy 625	N06625	B446/564	2.4856	10 - 360
Alloy 718	N07718	B637 API 6A	2.4668	12,7 - 300
Alloy 725	N07725			16 - 250
Alloy 200	N02200	B160/564	2.4066	6 - 200
Alloy 201	N02201	B160/564	2.4068	6 - 200
K500 / NA 18	N05500	B865	2.4375	12 - 200
Alloy 400	N04400	B164/564	2.4360	10 - 300
Alloy X	N06002	B572	2.4665	6 - 165
Alloy X750	N07750	B637	2.4669	6 - 400
Alloy 690	N06690		2.4642	50 - 300
Alloy 80A	N07080	B637		10 - 200
Alloy 90	N07090		2.4632	20 - 200
Alloy 901	N09901		2.4975	20 - 300
Alloy 925	N08925	B649		16 - 250
Alloy 36	K93600			8 - 90
Alloy 42, 48, 52				10 - 60
Alloy K	K94610	F15		10 - 90



STOCK STAINLESS AND DUPLEX



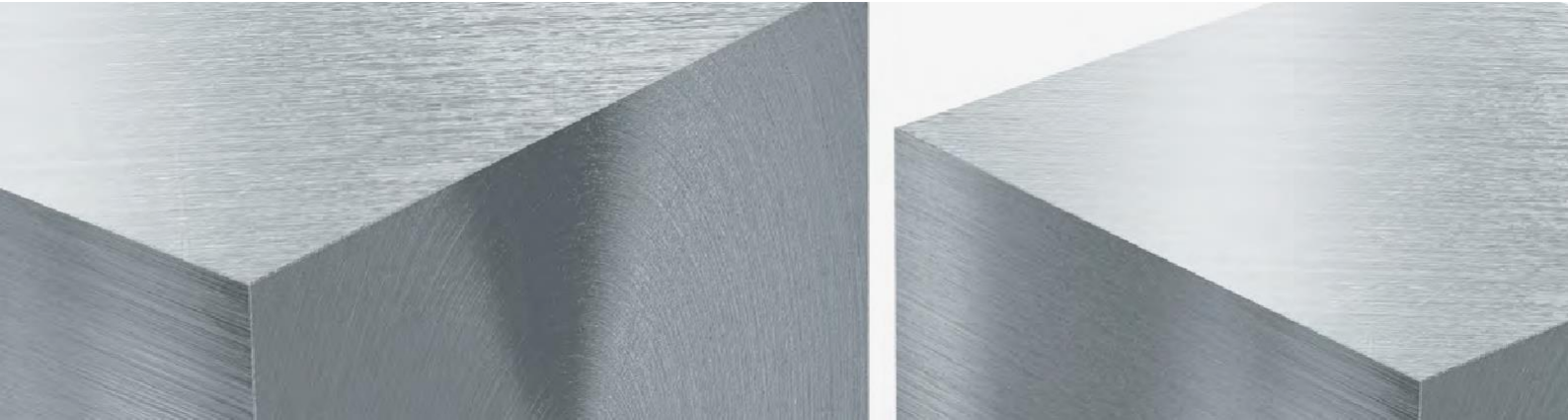
DUPLEX E SUPERDUPLEX						
WR	AISI/UNS	 DIN EN 10060	 DIN EN 10059	 DIN EN 10061	 DIN EN 10058	EQUAL
1.4462	S 31803 - S 32205 / F51	20-600	20-50		30x5 - 100x20	
1.4410	S 32750 / F53	16 - 600				
1.4501	S 32760/F55	25-600				21,3 x 2,77 - 168,3 x 7,11
1.4547	21254/F44	12,7- 400				
1.4460	S 32900	31 - 370				
AUSTENITIC AND MARTENSITIC STAINLESS STEEL						
1.4541	321	20 - 525	25 - 150		20x5 - 150x25	20x20x3 - 100x100x10
1.4878	321 H	20 - 525	25 - 150		20x5 - 150x25	20x20x3 - 100x100x10
1.4539	904 L	6 - 400	15 - 60			
1.4542	17/4P 630	6 - 740				
1.4313	F6 - NM	20 - 150				
1.4550	347	20 -150				
1.4571	316 Ti	20 - 625	15 - 200	70 -90	10x5 - 150x50	20x20x3 - 150x150x15
1.4439	317 LMN	20 - 210				
1.4529	UNS N08926	16 - 20				
1.4828	309	6 - 250			20x8 - 100x20	
1.4841	314	6 - 300	10 - 80		15x5 - 100x20	
1.4845	310 S	6 - 200				
1.4876	B 163	25 - 50				
1.4835	S30815 253MA	30 - 150				
	XM 19	25 - 200				
1.4923		20 - 300				
1.4057	431	20 - 500	40 - 100		30x20 - 100x30	
1.4104	430 F	40 - 400	80			
1.4112	440 B	20 - 400				
1.4125	440 C	20 - 180				
1.4404	316 L	20 - 625	15 - 150		20x5 - 200x40	20x20x3 - 100x100x10
1.4435	316 L	30 - 400	30 -80			
1.4418		25 - 350				
1.4876	800 H	25 - 50				
1.4923	X22	10 - 300				



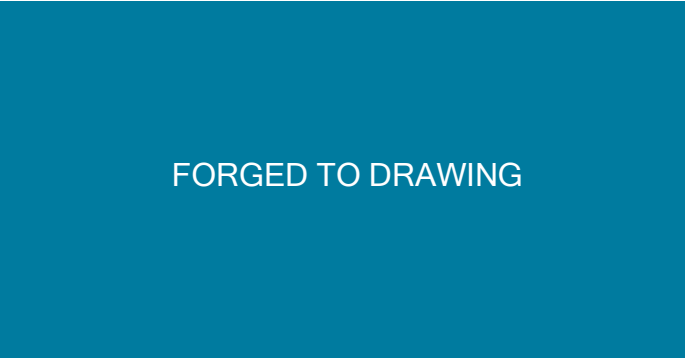
TUBES & PIPING IN NICKEL ALLOYS



NICKEL ALLOY SEAMLESS TUBES - commercial length 2.00 - 6.00 mt										
ESTERNAL DIAMETER x spessore mm	200 / 201 Wr. 2.4066 UNS N02200 ASTM B163	400 Wr. 2.4360 UNS N04400 ASTM B163	C-22 Wr. 2.4602 UNS N06022 ASTM B622	C-276 Wr. 2.4819 UNS N10276 ASTM B622	600 Wr. 2.4816 UNS 06600 ASTM B167	601 Wr. 2.4851 UNS N06601 ASTM B167	625 Wr. 2.4856 UNS N06625 ASTM B163	693 UNS N06693	800HT Wr.1.4959 UNS N08811 ASTM B163	825 Wr. 2.4858 UNS N08825 ASTM B423
5.00 x0,50			X		X					
5.00 x 1.00					X					
6.00 x 0.50			X		X	X				
6.00 x 0.50					X	X				X
6.35 x 0.95			X							
8.00 x 1.00			X		X					
8.00 x 1.50					X					
9.53 x 0.91			X							
10.00 x 1.00		X	X		X	X				
10.00 x 1.50					X		X			
10.00 x 2.00		X			X					
12.00 x 1.00		X			X	X				
12.00 x 1.50					X		X			
12.00 x 2.00		X	X		X					
12.70 x 0.89			X							
13.00 x 1.50						X				
13.70 x 1.65	X	X	X		X					
13.70 x 2.24	X	X	X		X					
14.00 x 2.00			X		X	X				
15.00 x 1.50					X					
17.10 x 1.65		X	X		X					
17.10 x 2.31	X	X	X		X	X	X		X	X
18.00 x 2.00	X				X					
19.05 x 1.65			X							
19.05 x 2.11	X									
21.34 x 1.65	X								X	
21.34 x 2.11	X	X	X		X		X		X	X
21.34 x 2.77	X	X	X	X	X	X	X		X	X
21.34 x 3.73	X	X			X	X	X		X	X
22.00 x 1.00					X					



STOCK LARGE FORGED BLOCKS - CUT TO MEASURE ON REQUEST	
AISI 340L	SS 2352, UNS S30403, AFNOR Z3CN18-10, JIS SUS304L, GB 00Cr19Ni10
F6NM	AISI CA6-NM, UNS S41500, SGS6X, ASTM A182 F6NM, SS 2384, B.S. 425C11
AISI 316L, AISI 316LMO	SS 2343, SS 2348, SS 2553, ASTM 316L, UNS S31603, BS 316S12, UNI X2CrNiMo1712, AISI 316L, SS 2353, UNS S31603, AFNOR Z3CND17-12-03
F53 superduplex	ASTM A182, S32750, SS2328, SAF 2507, SS2328
F51 duplex	SUS329J3L, S31803, SS23, ASTM A182, 77, AISI 318 LN
F55 - Superduplex	UNS S32760 AISI F55 (A18DIN EN 10272, 1.4501 - A276/A479)
926	DIN EN 10088-3 UNS N08926, ASTM B625; Wr. 1.4529
AISI 904L	SS 2562, WR 1.4539, UNS N08904, AFNOR Z2NCUD25-20
AISI 321	SS 2337,WR 1.4541; UNS S32100, BS 321S12, BS 321S51, UNI X6CrNiTi1811, AISI 347.1.4550; X6CrNiNb18-10
17 - 4ph	1.4542; 1.4548 AISI 630, AFNOR Z7CNU15-05, ASTM 17-4PH, UNS S17400
15 - 5 PH	1.4545 AISI XM-12, ASTM A564-89 15-5PH, UNS S15500
AISI 314	1.4841 X15CrNiSi25-21, 1.4923; X22crMov12-1
Alloy 825	2.4858 (NiCr21Mo)
AISI 410	1.4006; 1.4021;1.4031;1.4034X12Cr13 AISI 410
AISI 309	JIS SUH309, EN X15CrNiSi20-12, UNS S30900, AFNOR Z15CNS20.12
AISI 431	BS431S29, GOST20Ch17N2, SUS431, UNE F.3427, SS2321, UNS S43100, SAE431
AISI 440 B	SAE 440B, AFNOR X89CrMoV18-1, SUS440B, UNS S44003
AISI 440 C	AFNOR Z100CD17, JIS SUS440C, GB 108Cr17, UNS S44004, GOST 95Ch18



FORGED TO DRAWING



CONSTRUCTION TUBES							
	GRADE	AISI/ UNS*]	WELDED	WELDED POLISHED	WELDED HEAT-TREATED POLISHED	WELDED	WELDED POLISHED
STAINLESS	1.4301	304	10x1,5 - 168,3x2	10x1,5 - 114,3x4	26,9x2,6 - 48,3x2,6	10x10x1 - 250x150x5	15x15x1,5 - 120x60x3
	1.4404	316 L		25x2 - 48,3x2		15x15x1,5 - 200x200x5	
	1.4571	316 Ti		33,7x2-48,3x2	33,7x2 - 42,4x2,6	15x15x1,5 - 150x150x5	

CORROSION PIPES AND TUBES							
	GRADE	AISI/ UNS*]	SEAMLESS	PRECISION TUBES HYDRAULIC TUBES	DAIRY PIPES	WELDED	WELDED HEAT-TREATED
STAINLESS	1.4301	304	4x1 - 323,9x12,7	6x1 - 42x3	18x1,5 - 204x2	5x0,75 - 508x4	6x1 - 219,1x8,18
	1.4306	304L	12x1 - 323,9x12,7				
	1.4307	304L	4x1 - 323,9x12,7	6x1 - 42x3	18x1,5 - 204x2	5x0,75 - 508x4	6x1 - 219,1x8,18
	1.4401	316	6x1 - 323,9x12,7				
	1.4404	316L	6x1 - 323,9x12,7		18x1,5 - 154x2	17,2x1,6 - 406,4x3	17,2x1,6 - 323,9x4,57
	1.4541	321	6x1 - 219,1x12,7	6x1 - 57x2,9		21,3x2 - 406,4x4	6x1 - 114,3x5
	1.4571	316 Ti	4x0,5 - 323,9x12,7	6x1 - 88,9x4,5		21,3x2 - 406,4x4	6x1 - 114,3x6,3
HIGHLY CORROSION RESISTANT	1.4539	904L	10,3x2 - 219,1x12,7			76,1x3 - 355,6x4	
HEAT RESISTANT	1.4841	314	6x1 - 168,3x4,5				
	1.4845	310S	13,7x2,24 - 219,1x12,7				
	1.4878	321H	6x1 - 219,1x12,7				
DUPLEX/ SUPER DUPLEX	1.4462	S31803	13,7x2,24 - 219,1x8,18				
	1.4501	S32760	21,3x2,77 - 168,3x7,11				

HOLLOW BARS			
	GRADE	AISI/ UNS*]	SEAMLESS
HEAT RESISTANT	1.4878		32x20 - 250x200
DUPLEX	1.4462		32x20 - 250x200

	GRADE	AISI/ UNS*]	SEAMLESS
STAINLESS	1.4301	304	32x16 - 420x300
	1.4306	304L	32x16 - 250x200
	1.4307	304L	32x16 - 420x300
	1.4401	316	32x16 - 420x300
	1.4404	316L	32x16 - 420x300
	1.4541	321	32x20 - 250x200
	1.4571	316Ti	32x16 - 250x200



GLOBALALLOYS

NICKEL ALLOYS DUPLEX AND STAINLESS STEEL

GLOBAL ALLOYS SRL

Via Oberdan 2, 20064 Gorgonzola (MI)
Tel. +39 02 87189324 - +39 329 6484052

info@globalalloys.it - www.globalalloys.it

WE HAVE IT ALL CALL US NOW!