

Ligas de
Níquel

		Plate	Sheet	Bar	Pipe	Fittings	Welding Products	Forging Billet
RA330®	UNS: N08330	•	•	•	•		•	
RA333®	UNS: N06333						•	
RA 602 CA®	UNS: N06025	•	•				•	
AL-6XN®	UNS: N08367	•	•	•	•	•		•
230®	UNS: N06230		•					
200/201	UNS: N02200	•	•	•	•	•	•	
400	UNS: N04400	•	•	•	•	•	•	
600	UNS: N06600	•	•	•				
601	UNS: N06601	•	•		•			
625	UNS: N06625	•	•	•				
625 LCF	UNS: N06625, N06626		•					
718	UNS: N07718	•	•	•				
718 AMS 5663	UNS: N07718			•				
800H/AT	UNS: N08810, N08811	•	•					
20	UNS: N08020	•	•					
X	UNS: N06002	•	•	•				
X-750	UNS: N07750		•					
INVAR 36	UNS: K93600, K93603	•						
HASTELLOY® B-2	UNS: N10665			•	•	•	•	
C-22	UNS: N06022	•	•	•	•	•	•	
C-276	UNS: N10276	•	•	•	•	•	•	
K-500	UNS: N05500			•				

Aços
Inoxidáveis
Duplex

ZERON® 100	UNS: S32760			•				
2205	UNS: S31803, S32205	•	•	•	•	•		
2507	UNS: S32750	•	•	•	•	•		
255	UNS: S32550	•	•	•				

Barras de
aço inox com
usinabilidade
melhorada

PRODEC® 303	UNS: S30300			•				
PRODEC® 304/304L	UNS: S30400, S30403			•				
PRODEC® 316/316L	UNS: S31600, S31603			•				
PRODEC® 17-4	UNS: S17400			•				

Aços
Inoxidáveis

RA 253 MA®	UNS: S30815	•	•	•	•		•	
303	UNS: S30300			•				
304/304H	UNS: S30400, S30409	•						
304/304L	UNS: S30400, S30403	•	•	•	•	•		
309	UNS: S30908, S30909	•	•		•			
310	UNS: S31008, S31009	•	•	•	•			
316/316L	UNS: S31600, S31603	•	•	•	•	•		
317/317L	UNS: S31703	•						
321	UNS: S32100	•	•	•	•			
347	UNS: S34700	•	•	•				
410	UNS: S41000	•	•	•				
410S	UNS: S41008	•						
416	UNS: S41600			•				
420	UNS: S42000			•				
440C	UNS: S44004			•				
446	UNS: S44600			•				
13-8 PH	UNS: S13800	•		•				•
15-5 PH	UNS: S15500	•		•				•
15-5 H1025	UNS: S15500			•				
17-4 Annealed	UNS: S17400	•		•				
17-4 H1075	UNS: S17400			•				
17-4 H1150	UNS: S17400			•				
A-286	UNS: S66286	•	•					
A-286 5732, 5737	UNS: S66286			•				
N-50 (XM-19)	UNS: S20910			•				
N-60	UNS: S21800			•				

Ligas de
Titânio

6-4	UNS: R56400	•	•	•				•
CP Titanium Grade 2	UNS: R50400	•						

Ligas de
Cobalto

188	UNS: R30188		•	•				
L-605	UNS: R30605		•					

Ligas de Níquel

		W. Nr./EN	Specifications
RA330®	UNS: N08330	1.4886	ASTM: B 511, B 512, B 535, B 536, B 546, B 710, B 739 AMS: 5592, 5716
RA333®	UNS: N06333	2.4608	ASTM: B 718, B 719, B 722, B 723, B 726 AMS: 5593, 5717
RA 602 CA®	UNS: N06025	2.4633	ASTM: B 166, B 168
AL-6XN®	UNS: N08367		ASTM: A 182, A 240, A 249, A 312, A 479, B 366, B 462, B 472, B 564, B 675, B 676, B 688, B 691, B 804
230®	UNS: N06230	2.4733	AMS: 5878
200/201	UNS: N02200	2.4060, 2.4066, 2.4061, 2.4068	ASTM: B160, B162 B5643, SB160, SB5643 ASME: SB161, SB162
400	UNS: N04400	2.4360, 2.4361	ASTM: B 127, B 164, B 165, B 725 AMS: 5511, 5516, 5639, 5647
600	UNS: N06600	2.4816	ASTM: B 166, B 167, B 168 AMS: 5540, 5665
601	UNS: N06601	2.4851	ASTM: B 167, B 168 AMS: 5715, 5870
625	UNS: N06625	2.4856	ASTM: B 443, B 446 AMS: 5599, 5666, 5837 NACE: MR0175 ISO: 15156-3
625 LCF	UNS: N06625, N06626	2.4856	ASTM: B 443 Gr 1 AMS: 5599, 5879 ASME: SB 443 Gr 1 NACE: MR0103, MR0175
718	UNS: N07718	2.4668	ASTM: B 670, B 637 AMS: 5596, 5662, 5663, 5832 GE: BF50TF14, BF50TF15
718 AMS 5663	UNS: N07718	2.4668	ASTM: B 637 ASME: SB 637 AMS: 5663 GE: BF50TF15
800H/AT	UNS: N08810, N08811	1.4958, 1.4959	ASTM: B 409
20	UNS: N08020	2.4660	ASTM: A 240, B 463
X	UNS: N06002	2.4665	ASTM: B 435, B 572 AMS: 5536, 5754, 5798
X-750	UNS: N07750	2.4669	AMS: 5542, 5598 NACE: MR1075, MR0103
INVAR 36	UNS: K93600, K93603	1.3912	ASTM: F 1684-06
HASTELLOY® B-2	UNS: N10665	2.4617	ASTM: B 333, B 335, B 366, B 619, B 622, B 626
C-22	UNS: N06022	2.4602	ASTM: B 574, B 575, B 619, B 622
C-276	UNS: N10276	2.4819	ASTM: B 574, B 619, B 622
K-500	UNS: N05500	2.4375	ASTM: B 865

Aços Inoxidáveis Duplex

ZERON® 100	UNS: S32760	1.4501	ASTM: A 240, A 276, A 479, A 473, A 314, A 815, A 182 (Grade F55) NACE: MR0175 ISO: 15156-3
2205	UNS: S31803, S32205	1.4462	ASTM: A 182 (Grade F51), A 240, A 276, A 479, A 790, A 923 NACE: MR0175 ISO: 15156-3
2507	UNS: S32750	1.4410	ASTM: A 240, A 276, A 479, A 473, A 314, A 815, A 182 (Grade F53) NACE: MR0175 ISO: 15156-3
255	UNS: S32550	1.4507	ASTM: A 240, B 479

Barras de aço inox com usinabilidade melhorada

PRODEC® 303	UNS: S30300	1.4305	ASTM: A 582, A 482, A 262 AMS: 5640
PRODEC® 304/304L	UNS: S30400, S30403	1.4301, 1.4307	ASTM: A 276, A 479, A 484, A 262, A 320 AMS: 5647H, 5639G
PRODEC® 316/316L	UNS: S31600, S31603	1.4401, 1.4404	ASTM: A 276, A 479, A 484, A 320, A 262 AMS: 5653F, 5648K
PRODEC® 17-4	UNS: S17400	1.4548	ASTM: A 564, Type 630 AMS: 5643

Aços Inoxidáveis

RA 253 MA®	UNS: S30815	1.4835	ASTM: A 240, A 276, A 312, A 358, A 409, A 473, A 479, A 813, A 814
303	UNS: S30300	1.4305	ASTM: A 262, A 314, A 484, A 582 AMS: 5640
304/304H	UNS: S30400, S30409	1.4301, 1.4948	ASTM: A 240, 959 AMS: 5513
304/304L	UNS: S30400, S30403	1.4301, 1.4307	ASTM: A 240, A 276, A 479, A 312 AMS: 5511, 5513, 5639, 5647
309	UNS: S30908, S30909	1.4833	ASTM: A 240, A 276, A 312, A 479 AMS: 5523
310	UNS: S31008, S31009	1.4845	ASTM: A 240, A 276, A 312, A 479 AMS: 5521, 5651
316/316L	UNS: S31600, S31603	1.4401, 1.4404	ASTM: A 240, A 276, A 479, A 312 AMS: 5507, 5648, 5653
317/317L	UNS: S31703	1.4438	ASTM: A 240
321	UNS: S32100	1.4541	ASTM: A 240, A 276, A 312, A 479 AMS: 5510, 5645
347	UNS: S34700	1.4550	ASTM: A 240, A 262 (Practice E), A 269, A 479 AMS: 5512, 5646, 5680
410	UNS: S41000	1.4006	ASTM: A 240 AMS: 5504
410S	UNS: S41008	1.4000	ASTM: A 240
416	UNS: S41600	1.4005	ASTM: A 484, A 582, A 314 AMS: 5610
420	UNS: S42000	1.4021	ASTM: A 276, A 484 AMS: 5621, QQ-S763
440C	UNS: S44004	1.4125	ASTM: A 276 AMS: 5630, 5880
446	UNS: S44600	1.4763	ASTM: A 240, A 276
13-8 PH	UNS: S13800	1.4548	ASTM: A 564 AMS: 5629
15-5 PH	UNS: S15500	1.4545	ASTM: A 564, A 693, A 705 AMS: 5659, 5862J Type 2, 5659 BOEING: BMS 7-240
15-5 H1025	UNS: S15500	1.4545	ASTM: A 564, A 693, A 705 AMS: 5659, 5862J Type 2, 5659 BOEING: BMS 7-240
17-4 Annealed	UNS: S17400	1.4548	ASTM: A 564, A 693, A 705, Type 630 AMS: 5604, 5643, 5803, 5825 NACE: MR0175 ISO: 15156-3
17-4 H1075	UNS: S17400	1.4548	ASTM: A 564, A 693, A 705, Type 630 AMS: 5604, 5643, 5803, 5825 NACE: MR0175 ISO: 15156-3
17-4 H1150	UNS: S17400	1.4548	ASTM: A 564, A 693, A 705, Type 630 AMS: 5604, 5643, 5803, 5825 NACE: MR0175 ISO: 15156-3
A-286	UNS: S66286	1.4980	AMS: 5525, 5804
A-286 5732, 5737	UNS: S66286	1.4980	ASTM: A 638 (Grade 660, Type 2), A 638 (Grade 660, Type 1) AMS: 5732, 5737
N-50 (XM-19)	UNS: S20910	1.3964	ASTM: A 193, A 262, A 276, A 276 Condition S, A 479 AMS: 5764 NACE: MR0175 ISO: 15156-3
N-60	UNS: S21800		ASTM: A 193, A 194, A 262, A 276, A 479 AMS: 5848

Ligas de Titânio

6-4	UNS: R56400	3.7164, 3.7165	ASTM: B 265, B 348, B 381, B 861 AMS: 4911, 4920, 4928, 4934, 4935, 4965, 4967, 6930, 6931
CP Titanium Grade 2	UNS: R50400	3.7035	ASTM: B 265 Gr 2, F 67 ASME: SB 265 NACE: MR0175

Ligas de Cobalto

188	UNS: R30188	2.4683	AMS: 5608, 5801
L-605	UNS: R30605	2.4964	AMS: 5537, 5796 GE: B50A460