

Acerálava's manufacturing range covers the main stainless steel grades requested by the industry. Exceptions over the standard steel grades are possible on request.

STAINLESS STEEL GRADES

	ASTM	WNr	C max*	Cr	Ni	Mo	Other
MARTENSITIC & FERRITICS	410	1.4006	0,025	11.5/12.5			
	630	1.4542	0,070	15.0/17.0	3.0/5.0		Nb 5xC/.40-Cu 3.0/5.0
	F6NM	1.4313	0,150	12.5/13.5	3.5/4.5	0.50/0.60	
		1.4418	0.060	15.0/17.0	4.0/5.0	0.8/1.2	
AUSTENITIC	304	1.4301	0,08	17/20	8/11		
	304 L	1.4306	0,03	18/20	10/12		
	304 L	1.4307	0,03	17,5/19,5	8/10,5		
	304 H		0,04/0,10	18/20	8/11		
	321	1.4541	0,08	17/19	9/12		5 C ≤ Ti ≤ 0,60
	321 H		0,04/0,10	17/20	9/13		4 C ≤ Ti ≤ 0,60
	347	1.4550	0,08	17/19	9/12		10 C ≤ Nb ≤ 1,0
	347 H		0,04/0,08	17/20	9/13		8 C ≤ Nb ≤ 1,0
	316	1.4401	0,08	16/18	11/14	2/3	
	316 L	1.4404	0,03	16/18	11/14	2/3	
	316 Ti	1.4571	0,08	16,5/18,5	10,5/13,5	2/2,5	5 C ≤ Ti ≤ 0,80
	(316 L)	1.4435	0,03	17/18,5	12,5/15	2,5/3	
	(316)	1.4436	0,07	16,5/18,5	11/14	2,5/3	
	316 Nb	1.4580	0,08	16/18	11/13	2/2,5	10 C < Nb < 1,0
	316 N/316 LN		0,03	16/18	11/14	2/3	N 0,10/0,16
	316 L urea		0,03	17/18	13/15	2/3	
	317		0,08	18/20	11/15	3/4	
	317 L	1.4438	0,03	18/20	11/15	3/4	
	309 S/309 H	1.4833	0,08	22/24	12/15	≤ 0,75	
	310 S/310 H	1.4845	0,08	24/26	19/22	≤ 0,75	
	310 MoLN	1.4466	0,02	24/26	21/23	2/2,5	N=0,1/0,15 Si<0,4 P<0,02
		1.4828	0,20	19/21	11/13		Si 1,5/2,5
314	1.4841	0,15	24/26	19/21		Si 1,5/2,5	
UNS S31254	1.4547	0,02	19,5/20,5	17,5/18,5	6,0/6,5	Cu 0,50/1,00 N 0,18/0,22	
FERRITIC AUSTENITIC	UNS S31803	1.4462	0,03	21/23	4,5/6,5	2,5/3,5	N 0,12/0,20
	UNS S32750	1.4410		24,0/26,0	6,0/8,0	3,0/5,0	
	UNS S32760	1.4501	0,03	24/26	6/8	3/5	N 0,2/0,3 Cu & W 0,5/1,0
HIGH NICKEL	904 L	1.4539	0,02	19/21	24/26	4/5	Cu 1,20/2,00 N 0,04/0,10
	800-H-HT	1.4876	0,6/0,10	19/23	30/35		Al & Ti 0,15/0,60
	UNS N08020	2.4660	0,07	19/21	32/38	2/3	Cu 3/4 Nb 8xC-1,0 Fe Balance
	UNS N08825	2.4858	0,05	19,5/23,5	38/46	2,5/3,5	Cu 1,5/3,0 Al 0,2 max Ti 0,6/1,2 Fe Balance
	UNS N08028	1.4563	0,03	26/28	30/32	3/4	Cu=0,8/1,4 N=0,04/0,15 Fe Balance
	G-3 N06985			21,0/23,5	44,0/52,0	6,5/8,0	Fe: 18,0/21,0

* Maximum unless otherwise indicated

Improved Machinability Available MECATEX

In addition to these standards, Acerálava is capable of supplying a wide range of stainless steel and high nickel alloy grades depending on the requirements.