

AISI	EURONORM	Designación	Ref. Acerinox	Ref. Aperam	Características mecánicas				Composición química									TIPO	
					Rp (N/mm ²)	Rm (N/mm ²)	Alarg.	Dureza HB	C	Si	Mn	P	S	Cr	Ni	Mo	Ti		Otros
201	1.4372	X12CrMnNiN17-7-5	60	-	≤350	750-950	≤45%		≤0,120	≤0,75	5,50-7,50	≤0,045	≤0,015	16-18	3,5-5,5	-	-	N=0,05-0,15	AUSTENÍTICO
202	1.4373	X12CrMnNiN18-9-5		-					≤0,015	≤1,00	7,5-10,5	≤0,045	≤0,015	17-19	4-6	-	-	N=0,05-0,25	
301	1.4310	X10CrNi18-8	100/110	17-7	≤250	600-950	>40%	<200	≤0,120	≤0,75	≤2,00	≤0,040	≤0,030	16-18	6-8 7-8	-	-	-	
301L	1.4318	-	-	18-7L					0,025	0,50	1,50	-	-	17,7	6,6	-	-	N: 0,110	
304	1.4301	X5CrNi18-10	120/140/180	18-9/189ED	>230	540-750	>45%	<200	≤0,070	≤0,75	≤2,00	≤0,040	≤0,015	17,5-19	8-10	-	-	-	
304L	1.4307	X2CrNi18-9	150/160/200	18-9L	>230	540-670	>45%	<200	≤0,030	≤0,75	≤2,00	≤0,040	≤0,015	18-19	9-10	-	-	-	
304L	1.4306	X2CrNi19-11	232	18-10L	>230	540-670	>45%	<200	≤0,030	≤0,75	≤2,00	-	-	18-20	10-12	-	-	N:≤0,11	
309	1.4828	X15CrNiSi20-12	C309	R20-12					0,05	1,60	1,30	-	-	19,30	11,4	-	-	-	
310S	1.4845	X8CrNi25-21	350	-	>240	500-700	>40%	<200	≤0,080	≤0,75	≤2,00	≤0,035	≤0,015	24-26	19-21	-	-	-	
316	1.4401	X5CrNiMo17-12-2	250	18-11ML	>240	540-680	>45%	<200	≤0,050	≤0,75	≤2,00	≤0,040	≤0,015	16,5-18	10,5-12	2-2,5	-	-	
316L	1.4404	X2CrNiMo17-12-2	240/270	18-11ML	>240	540-680	>45%	<200	≤0,030	≤0,75	≤2,00	≤0,040	≤0,030	16-18	10-12	2-2,5	-	-	
316L	1.4432	X2CrNiMo17-12-3	260	18-12MS	>240	540-680	>45%	<200	≤0,030	≤0,75	≤2,00	≤0,040	≤0,015	16,5-18	10,5-13	2,5-3	-	-	
316TI	1.4571	X6CrNiMoTi17-12-2	280	17-11MT	>240	540-690	>45%	<210	≤0,060	≤0,75	≤2,00	≤0,040	≤0,015	16,5-18	11-12,5	2-2,5	≥5(C+N)	-	
321	1.4541	X6CrNiTi18-10	315	18-10T	>220	520-720	>45%	<210	≤0,060	≤0,75	≤2,00	≤0,040	≤0,015	17-19	9-11	-	≥5(C+N)	-	
AISI 904L	1.4539	X2NiCrMoCu 25-20-5	-	-	>220	380-560	>25%	<170	≤ 0,02	-	-	-	-	19-21	24-25,5	4,5-5	-	Cu 1,2 - 1,8	
409L	1.4512	X2CrTi12	800	K09	>220	380-560	>25%	<170	≤0,030	≤0,75	≤1,00	≤0,040	≤0,015	10,5-12,5	-	-	≥6(C+N)	-	FERRÍTICO
410S	1.4000	X6Cr13	390	K10	>275	<700	>20%	<235	≤0,080	≤0,75	≤1,00	≤0,040	≤0,015	12-13	-	-	-	-	
430	1.4016	X6Cr17	500	K30	>260	450-600	>20%	<185	≤0,080	≤1,00	≤1,00	≤0,040	≤0,015	16-18	-	-	-	N:≤0,045	
439/430Ti	1.4510/1.4520	X3CrTi17	515	K39M	>240	420-600	>23%	<185	≤0,050	≤1,00	≤1,00	≤0,040	≤0,015	16-18	-	-	≥0,2+4 (C+N)	-	
-	1.4513	X2CrMoTi17-1	-	K33X	>220	400-550	>23%	<185	≤0,025	≤1,00	≤1,00	≤0,040	≤0,015	16-18	-	0,8-1,4	0,30-0,6	-	
434	1.4113	X6CrMo17-1	535	K34	>280	450-630	>22%	<185	≤0,080	≤1,00	≤1,00	≤0,040	≤0,015	16-18	-	0,9-1,25	-	-	
436	1.4526	X6CrMoNb17-1	-	K36					0,02	0,40	0,25	-	-	17,5	-	1,25	-	Nb: 0,50	
441	1.4509	X2CrTiNb18	845	K41	>230	430-630	>20%	<185	≤0,030	≤1,00	≤1,00	≤0,040	≤0,015	17,5-18,5	-	-	≥0,10	Nb: 0,3-1,2	
444	1.4521	X2CrMoTi18-2	555	K44	>320	420-640	>28%	<217	≤0,025	≤1,00	≤1,00	≤0,040	≤0,015	17,5-18,5	-	1,8-2	0,12-0,40	Nb: 0,25-0,50	
240	1.4621	X2CrNbCu21	-	K45					0,015	0,25	0,25	-	-	20,2	-	-	-	Cu: 0,45 Nb: 0,45	
420	1.4031/1.4021	X39Cr13	390	MA1(4)	>275	<700	>20%	<235	0,36-0,42	≤0,75	≤1,00			12,5-14,5	-	-	-	N= 0,06 - 0,09	
410	1.4006	X12Cr13	410	-					0,09-0,15	≤1,00	≤1,00	≤0,040	≤0,015	12-13,5	-	-	-	-	

MARTENSÍTICO