

ACERINOX				MECHANICAL PROPERTIES				
	European Standard EN 10088		ASTM	Code	Tensile Strength	Yield point at 0,2% min.	Elongation min.	Max. Hardness
	Steel Code	Designation	AISI	ACX	Mpa	Mpa	%	HB
	AUSTENITIC	1.4310	X10CrNi18-8	301	110	600-950	250	40
1.4301		X5CrNi18-10	304	120	540-720	230	45	190
1.4301		X5CrNi18-10	304	140	540-720	230	45	190
1.4307		X2CrNi18-9	304 L	150	520-700	220	45	190
1.4301		X5CrNi18-10	304	160	540-720	230	45	190
1.4301		X5CrNi18-10	304 DDQ	180	540-750	230	45	190
1.4307		X2CrNi18-9	304 L	200	520-700	220	45	190
1.4404		X2CrNiMo17-12-2	316L	240	530-670	240	45	200
1.4401		X5CrNiMo17-12-2	316	250	530-670	240	45	200
1.4432		X2CrNiMo17-12-3	316 L	260	530-670	240	45	200
1.4571		X6CrNiMoTi17-12-2	316 Ti	280	540-670	240	45	200
1.4541		X6CrNiTi18-10	321	315	520-700	220	45	200
1.4833		X12CrNi23-13	309S	340	515-700	205	40	215
1.4845		X8CrNi25-21	310 S	350	515-700	205	40	200
FERRITIC	1.4000	X6Cr13	410S	420	400-600	250	19	180
	1.4016	X6Cr17	430	500	450-600	280	22	180
	1.4510	X3CrTi17	430 Ti	515	420-600	240	23	180
	1.4511	X3CrNb17	430 Nb	525	420-600	240	23	180
	1.4113	X6CrMo17-1	434	535	450-630	280	22	180
	1.4513	X2CrMoTi17-1	---	540	400-550	220	23	180
	1.4512	X2CrTi12	409L	800	380-560	220	25	180
	1.4509	X2CrTiNb18	---	845	430-630	250	18	180
MARTENSITIC	1.4028	X30Cr13	420	360	740max	350	15	240
	1.4034	X46Cr13	420	370	780max	350	15	245
	1.4116	X50CrMoV15	420 MoV	380	850max	350	15	280
	1.4006	X12Cr13	410	410	600max	250	20	200