

Ruostumattomien terästen vertailutaulukko / Comparison chart for stainless steels

	EN Standardi / EN Standard	ASTM / AISI	C	N	Cr	Ni	Mo	Other	Rp0.2 A	Rp1.0 MPa	Rm MPa	A80 B	
Austenittiset / Austenitic	1.4372	201	≤0.15	0.05-0.25	16.0-18.0	3.5-5.5	-	Mn ≤7.5	350	380	750-950	45	C
	1.4310	301	0.05-0.15	≤0.11	16.0-19.0	6.0-9.5	≤0.80	-	250	280	600-950	40	C
	1.4305	303	≤0.10	≤0.11	17.0-19.0	8.0-10.0	-	S; Cu ≤1.00	190	230	500-700	35	H
	1.4301	304	≤0.07	≤0.11	17.5-19.5	8.0-10.5	-	-	230	260	540-750	45	C
	1.4307	304L	≤0.030	≤0.11	17.5-19.5	8.0-10.5	-	-	220	250	520-700	45	C
	1.4306	304L	≤0.030	≤0.11	18.0-20.0	10.0-12.0	-	-	220	250	520-700	45	C
	1.4401	316	≤0.07	≤0.11	16.5-18.5	10.0-13.0	2.00-2.50	-	240	270	530-680	40	C
	1.4436	316	≤0.05	≤0.11	16.5-18.5	10.5-13.0	2.50-3.00	-	240	270	550-700	40	C
	1.4404	316L	≤0.030	≤0.11	16.5-18.5	10.0-13.0	2.00-2.50	-	240	270	530-680	40	C
	1.4432	316L	≤0.030	≤0.11	16.5-18.5	10.5-13.0	2.50-3.00	-	240	270	550-700	40	C
	1.4571	316Ti	≤0.08	-	16.5-18.5	10.5-13.5	2.00-2.50	Ti ≤0.70	240	270	540-690	40	C
	1.4541	321	≤0.08	-	17.0-19.0	9.0-12.0	-	Ti ≤0.70	220	250	520-720	40	C
	1.4878	321	≤0.10	-	17.0-19.0	9.0-12.0	-	Ti ≤0.80	190	230	500-720	40	H
	1.4539	904L	≤0.020	≤0.15	19.0-21.0	24.0-26.0	4.0-5.0	Cu ≤2.00	240	270	530-730	35	C
	1.4547	S31254	≤0.020	0.18-0.25	19.5-20.5	17.5-18.5	6.0-7.0	Cu ≤1.00	320	350	650-850	35	C
	1.4828	-309	≤0.020	≤0.11	19.0-21.0	11.0-13.0	-	Si ≤2.50	230	270	550-750	28	H
	1.4835	S30815	0.05-0.12	0.12-0.20	20.0-22.0	10.0-12.0	-	Si ≤2.50 ; Ce ≤0.08	310	350	650-850	37	H
	Ferrittiset / Ferritics	1.4016	430	≤0.08	-	16.0-18.0	-	-	-	280	-	450-600	20
1.4512		409	≤0.030	-	10.5-12.5	-	-	Ti ≤0.65	220	-	380-560	25	C
1.4003		-410	≤0.030	≤0.030	10.5-12.5	0.30-1.00	-	-	320	-	450-650	20	C
1.4521		444	≤0.025	≤0.030	17.0-20.0	-	1.80-2.50	Ti ≤0.80	300	-	420-640	20	C
1.4509		441	≤0.030	-	17.5-18.5	-	-	Ti ≤0.60 ; Nb ≤1.00	230	-	430-630	18	C
Austenittisferrittiset / Austenitic Ferritic	1.4460	329	≤0.05	0.05-0.20	25.0-28.0	4.5-6.5	1.30-2.00	-	450	-	620-880	20	C
	1.4462	S32205	≤0.030	0.10-0.22	21.0-23.0	4.5-6.5	2.50-3.5	-	500	-	700-950	20	C
	1.4162	S32101	0,03	0,22	21,5	1,5	0,3	Mn 5	min. 480	-	min. 680	30	D
	1.4362	S32304	≤0.030	0.05-0.20	22.0-24.0	3.5-5.5	0.10-0.60	Cu ≤0.60	450	-	650-850	20	C
	1.4410	S32750	≤0.030	0.24-0.35	24.0-26.0	6.0-8.0	3.0-4.5	-	550	-	750-1000	20	C
Martensittiset / Martensitic	1.4006	410	0.08-0.15	-	11.5-13.5	≤0.75	-	-	min. 450	-	650-850	12	E
	1.4005	416	0.08-0.15	-	12.0-14.0	-	≤0.60	S ≤0.35	min 575	-	min. 750	20	F
	1.4021	420	0.16-0.25	-	12.0-14.0	-	-	-	min. 450	-	650-850	12	E
	1.4028	420	0.26-0.35	-	12.0-14.0	-	-	-	min. 600	-	800-1000	10	G