



ACCIAI INOX PRINCIPALI CARATTERISTICHE

Austenitici

Ferritici

Martensitici

N° EN (Europa)	ASTM (U.S.A)	UNI (Italia)	ANALISI CHIMICA INDICATIVA						Car. unit. scost. Rp 02 (N/mm ²)	Resistenza a trazione Rm (N/mm ²)
			C	N	Cr	Ni	Mo	Altri		
1.4310	301	X 12 CrNi 17 07	0.05÷0.15	0.11 max	16 ÷ 19	6 ÷ 9.5	0.8 max	Mn-P-S-Si	250	600÷950
	302	X 8 CrNi 19 10 X 10 CrNi 18 09	0.15	-	17 ÷ 19	8 ÷ 10	-	Mn-P-S-Si	241 ÷ 276	621
1.4305	303	X 10 CrNiS 18 09	0.10	0.11 max	17 ÷ 19	8 ÷ 10	-	Mn-P-S-Si-Cu	190	500 ÷ 700
1.4301	304	X 5 CrNi 18 10	0.07	0.11 max	17 ÷ 19.5	8 ÷ 10.5	-	Mn-P-S-Si	210 ÷ 230	520 ÷ 750
1.4311	304 LN	X 2 CrNiN 18 11	0.03	0.12 ÷ 0.22	17 ÷ 19.5	8.5 ÷ 11.5	-	Mn-P-S-Si	270 ÷ 290	550 ÷ 750
1.4307	304 L	-	0.03	0.11 max	17.5 ÷ 19.5	8 ÷ 10	-	Mn-P-S-Si	200 ÷ 220	500 ÷ 670
1.4306	304 L	X 2 CrNi 18 11	0.03	0.11 max	18 ÷ 20	10 ÷ 12	-	Mn-P-S-Si	200 ÷ 220	500 ÷ 670
1.4303	305	X 8 CrNi 18 12	0.06	0.11 max	17 ÷ 19	11 ÷ 13	-	Mn-P-S-Si	220	530 ÷ 680
1.4828	309	X 16 CrNi 23 14	0.20	0.11 max	19 ÷ 21	11 ÷ 13	-	Mn-P-S-Si	230	550 ÷ 750
1.4833	309 S	X 6 CrNi 23 14	0.15	0.11 max	22 ÷ 24	12 ÷ 14	-	Mn-P-S-Si	210	500 ÷ 700
1.4845	310 S	X 6 CrNi 25 20	0.10	0.11 max	24 ÷ 26	19 ÷ 22	-	Mn-P-S-Si	210	500 ÷ 700
1.4841	314	X 16 CrNiSi 25 20	0.20	0.11 max	24 ÷ 26	19 ÷ 22	-	Mn-P-S-Si	345	689
1.4401	316	X 5 CrNiMo 17 12	0.07	0.11 max	16.5 ÷ 18.5	10 ÷ 13	2 ÷ 2.5	Mn-P-S-Si	220 ÷ 240	520 ÷ 680
1.4436	316	X 5 CrNiMo 17 13	0.05	0.11 max	16.5 ÷ 18.5	10.5 ÷ 13	2.5 ÷ 3	Mn-P-S-Si	220 ÷ 240	530 ÷ 730
1.4404	316 L	X 2 CrNiMo 17 12	0.03	0.11 max	16.5 ÷ 18.5	10 ÷ 13	2 ÷ 2.5	Mn-P-S-Si	220 ÷ 240	520 ÷ 680
1.4435	316 L	X 2 CrNiMo 17 13	0.03	0.11 max	17 ÷ 19	12.5 ÷ 15	2.5 ÷ 3	Mn-P-S-Si	220 ÷ 240	520 ÷ 700
1.4432	316 L	X 2 CrNiMo 17 13	0.03	0.11 max	16.5 ÷ 18.5	10.5 ÷ 13	2.5 ÷ 3	Mn-P-S-Si	220 ÷ 240	520 ÷ 700
1.4406	316 LN	X 2 CrNiMoN 17 12	0.03	0.12 ÷ 0.22	16.5 ÷ 18.5	10 ÷ 12	2 ÷ 2.5	Mn-P-S-Si	280 ÷ 300	580 ÷ 780
1.4429	316 LN	X 2 CrNiMoN 17 13	0.03	0.12 ÷ 0.22	16.5 ÷ 18.5	11 ÷ 14	2.5 ÷ 3	Mn-P-S-Si	280 ÷ 300	580 ÷ 780
1.4571	316 Ti	X 6 CrNiMoTi 17 12	0.08	-	16.5 ÷ 18.5	10.5 ÷ 13.5	2 ÷ 2.5	Mn-P-S-Si-Ti	220 ÷ 240	520 ÷ 690
1.4580	316 Nb	X 6 CrNiMoNb 17 12	0.08	-	16.5 ÷ 18.5	10.5 ÷ 13.5	2 ÷ 2.5	Mn-P-S-Si-Nb	220	520 ÷ 720
1.4438	317 L	X 2 CrNiMo 18015 X 2 CrNiMo 18016	0.03	0.11 max	17.5 ÷ 19.5	13 ÷ 16	3 ÷ 4	Mn-P-S-Si	220 ÷ 240	520 ÷ 720

1.4541	321	X 6 CrNiTi 18 11	0.08	-	17 ÷ 19	9 ÷ 12	-	Mn-P-S-Si-Ti	200 ÷ 220	500 ÷ 720
1.4878	321 H	X 8 CrNiTi 18 11	0.10	-	17 ÷ 19	9 ÷ 12	-	Mn-P-S-Si-Ti	190	500 ÷ 720
1.4550	347	X 6 CrNiNb 18 11	0.08	-	17 ÷ 19	9 ÷ 12	-	Mn-P-S-Si-Nb	200 ÷ 220	500 ÷ 720
1.4864	330	-	0.15	0.11 max	15 ÷ 17	33 ÷ 37	-	Mn-P-S-Si	262	552 ÷ 621
1.4002	405	X 6 CrAl 13	0.08	-	12 ÷ 14	-	-	Mn-P-S-Si-Al	230 ÷ 250	400 ÷ 600
1.4512	409	X 2 CrTi 12 X 6 CrTi 12	0.03	-	10.5 ÷ 12.5	-	-	Mn-P-S-Si-Ti	220	380 ÷ 560
1.4000	410 S	X 6 Cr 13 X 12 Cr 13	0.08	-	12 ÷ 14	-	-	Mn-P-S-Si	230 ÷ 250	400 ÷ 600
1.4016	430	X 8 Cr 17	0.08	-	16 ÷ 18	-	-	Mn-P-S-Si	260 ÷ 280	430 ÷ 630
1.4113	434	X 8 CrMo 17	0.08	-	16 ÷ 18	-	0.9 ÷ 1.4	Mn-P-S-Si	280	450 ÷ 630
1.4510	439	X 6 CrTi 17	0.05	-	16 ÷ 18	-	-	Mn-P-S-Si-Ti	240	420 ÷ 600
1.4521	444	-	0.025	0.03 max	17 ÷ 20	-	-	Mn-P-S-Si-Ti	300 ÷ 320	400 ÷ 640
1.4749	446	X 16 Cr 26	0.15 ÷ 0.2	0.15 ÷ 0.25	26 ÷ 29	-	-	Mn-P-S-Si	345 ÷ 379	552 ÷ 586
1.4006	410 403	X 12 Cr 13	0.08 ÷ 0.15	-	11.5 ÷ 13.5	-	-	Mn-P-S-Si	max 600 550 ÷ 850	205 400 ÷ 450
1.4021	420	X 20 Cr 13	0.16 ÷ 0.25	-	12 ÷ 14	-	-	Mn-P-S-Si	345 ÷ 550	650 ÷ 950
1.4028	420	X 30 Cr 13	0.26 ÷ 0.35	-	12 ÷ 14	-	-	Mn-P-S-Si	345 ÷ 600	700 ÷ 1000
1.4031	420	-	0.36 ÷ 0.42	-	12.5 ÷ 14.5	-	-	Mn-P-S-Si	345	max 760
1.4034	420	X 40 Cr 14	0.43 ÷ 0.50	-	12.5 ÷ 14.5	-	-	Mn-P-S-Si	345	max 780

I valori di Rp e Rm sono da prendere come riferimento indicativo in quanto possono essere influenzati dalla forma del prodotto ovvero dalla tecnologia usata per ottenerla.