

Stainless steel grades listed in the international standard ISO 15510:2010

Comparative designations of grades with similar composition from other important standards.
(listed by type of steel structure and by increasing intermediate 3-digits code of the ISO name)



Type	ISO-Name (1)	ISO Designation	EN	UNS	AISI	JIS	GB
A	4657-080-20-U	X4NiCrCuMo35-20-4-3	1.4657()	N08020			
A	4563-080-28-I	X1NiCrMoCu31-27-4	1.4563	N08028			
A	4864-083-77-X	X13NiCr35-16	1.4864	R20033,N08330		SUH330	S33010
A	4478-083-67-U	X2NiCrMoN25-21-7	1.4478()	N08367		SUS836L	
A	4958-088-77-E	X5NiCrAlTi31-20	1.4958				
A	4959-088-77-E	X8NiCrAlTi32-20	1.4959				
A	4959-088-11-U	X8NiCrAlTi33-21	1.4959	N08811			
A	4876-088-00-I	X8NiCrAlTi32-21	1.4876	N08800	"800"	NCF800	
A	4959-088-10-U	X7NiCrAlTi33-21	1.4959	N08810	"800H"	NCF800H	
A	4479-089-36-U	X1NiCrMoMnN34-27-6-5	1.4479()	N08936			
A	4529-089-26-I	X1NiCrMoCuN25-20-7	1.4529	N08926	"926"		
A	4539-089-04-I	X1NiCrMoCu25-20-5	1.4539	N08904	"904L"	SUS890L	S39042
A	4656-089-04-I	X1NiCrMoCu22-20-5-2	1.4656()				
A	4615-201-75-E	X3CrMnNiCu 15-8-5-3 *)	1.4615				
A	4371-201-53-I	X2CrMnNiN17-7-5	1.4371	S20153			
A	4618-201-76-E	X9CrMnNiCu 17-8-5-2	1.4618				
A	4617-201-76-J	X6CrNiMnCu17-8-4-2	1.4617()			SUS304J2	
A	4372-201-00-I	X12CrMnNiN17-7-5	1.4372	S20100	201	SUS201	S35350
A	4369-202-91-I	X11CrNiMnN19-8-6	1.4369				
A	4890-202-09-X	X53CrMnNiN21-9-4	1.4890()			SUH35	S35650
A	4373-202-00-I	X12CrMnNiN18-9-5	1.4373	S20200	202	SUS202	S35450
A	4597-204-76-I	X8CrMnCuN17-8-3	1.4597				
A	4982-215-00-E	X10CrNiMoMnNbV15-10-1	1.4982	S21500			
A	4318-301-53-I	X2CrNiN18-7	1.4318	S30153	"301LN"	SUS301L	S30153
A	4319-301-00-I	X5CrNi17-7	1.4319	S30100	301	SUS301	S30110
A	4310-301-00-I	X10CrNi18-8	1.4310	S30100	301		S30110
A	4326-302-15-I	X12CrNiSi18-9-3	1.4326()	S30215	"302Si"	SUS302B	S30240
A	4325-302-00-E	X9CrNi18-9	1.4325	S30200	302	SUS302	S30210
A	4667-303-76-J	X12CrNiCuS18-9	1.4667() [1.4570]		"303Cu"	SUS303Cu	
A	4625-303-23-X	X12CrNiSe18-9	1.4625()	S30323	303Se	SUS303Se	S30327
A	4305-303-00-I	X10CrNiS18-9	1.4305	S30300	303	SUS303	S30317
A	4570-303-31-I	X6CrNiCuS18-9-2	1.4570	S30331	"303Cu+"		
A	4567-304-30-I	X3CrNiCu18-9-4	1.4567	S30430		SUSXM7	S30488
A	4818-304-15-E	X6CrNiSiN19-10	1.4818	S30415			S30450
A	4567-304-76-I	X6CrNiCu17-8-2	1.4567			SUS304J1	S30480
A	4311-304-53-I	X2CrNiN18-9	1.4311	S30453	"304LN"	SUS304LN	S30453
A	4650-304-75-E	X2CrNiCu19-10	1.4650		"304LCu"	SUS304L	S30403
A	4948-304-09-I	X7CrNi18-9	1.4948	S30409	"304H"		S30409
A	4567-304-98-X	X6CrNiCu18-9-2	1.4567	S30431	"304Cu"	SUS304J3	S30480
A	4649-304-76-J	X6CrNiCu19-9-1	1.4649()		"304Cu"	SUS304Cu	S30488
A	4315-304-51-I	X5CrNiN19-9	1.4315	S30451	304N	SUS304N1	S30458
A	4306-304-03-I	X2CrNi19-11	1.4306	S30403	304L	SUS304L	S30403
A	4307-304-03-I	X2CrNi18-9	1.4307 [1.4306]	S30403	304L	SUS304L	S30403
A	4301-304-00-I	X5CrNi18-9	1.4301	S30400	304	SUS304	S30408
A	4828-305-09-I	X15CrNiSi20-12	1.4828				
A	4884-305-00-X	X6CrNiSi18-13-4	1.4884()	S30500		SUSXM15J1	S38148
A	4303-305-00-I	X6CrNi18-12	1.4303	S30500	305	SUS305	S30510
A	4835-308-15-U	X7CrNiSiN19-11	1.4835	S30815			
A	4824-308-09-J	X20CrNiN22-11	1.4824()			SUH37	S30850
A	4496-309-51-J	X4CrNiMoN25-14-1	1.4496()			SUS317J2	
A	4833-309-08-I	X18CrNi23-13	1.4833	S30908	"309S"	SUH309	S30908
A	4950-309-08-E	X6CrNi23-13	1.4950	S30908	309S	SUS309S	S30908
A	4537-310-92-E	X1CrNiMoCuN25-25-5	1.4537				
A	4335-310-02-I	X1CrNi25-21	1.4335	S31002			
A	4466-310-50-E	X1CrNiMoN25-22-2	1.4466	S31050			S31053
A	4845-310-08-E	X8CrNi25-21	1.4845	S31008	"310S"	SUS310S	S31008
A	4845-310-09-X	X23CrNi25-21	1.4845	S31008	"310S"	SUH310	S31020
A	4951-310-08-I	X6CrNi25-20	1.4951	S31008	310S	SUS310S	S31008
A	4659-312-66-I	X1CrNiMoCuNW24-22-6	1.4659	S31266			
A	4547-312-54-I	X1CrNiMoCuN20-18-7	1.4547	S31254		SUS312L	S31252
A	4971-314-79-I	X5CrNiCoMoWmVnNb21-20-20-3-3-2	1.4971			SUH661	
A	4841-314-00-E	X15CrNiSi25-21	1.4841	S31400	314		



A	4660-315-77-I	X6CrNiCuSiMo19-10-3-2	1.4660()			SUS315J1	
A	4648-315-77-I	X6CrNiSiCuMo19-13-3-3-1	1.4648()			SUS315J2	
A	4665-316-76-J	X6CrNiMoCu18-12-2-2	1.4665()			SUS316J1	
A	4571-316-35-I	X6CrNiMoTi17-12-2	1.4571	S31635		SUS316Ti	S31668
A	4449-316-76-E	X3CrNiMo18-12-3	1.4449				
A	4647-316-75-X	X2CrNiMoCu18-14-2-2	1.4647()			SUS316J1L	S31683
A	4432-316-03-I	X2CrNiMo17-12-3	1.4432	S31603		SUS316L	S31603
A	4580-316-40-I	X6CrNiMoNb17-12-2	1.4580	S31640			S31678
A	4867-316-77-J	X40CrNi1 5-14	1.4867()			SUH31	
A	4578-316-76-E	X3CrNiCuMo17-11-3-2	1.4578				
A	4910-316-77-E	X3CrNiMoBN17-13-3	1.4910				
A	4429-316-53-I	X2CrNiMoN17-12-3	1.4429	S31653	"316LN"	SUS316LN	S31653
A	4406-316-53-I	X2CrNiMoN17-11-2	1.4406	S31653	"316LN"	SUS316LN	S31653
A	4495-316-51-J	X6CrNiMoN17-12-3	1.4495()	S31651	316N	SUS316N	S31658
A	4435-316-91-I	X2CrNiMo18-14-3	1.4435	S31603	316L	SUS316L	S31603
A	4404-316-03-I	X2CrNiMo17-12-2	1.4404	S31603	316L	SUS316L	S31603
A	4494-316-74-J	X6CrNiMoS17-12-3	1.4494()	S31620	316F	SUS316F	
A	4401-316-00-I	X5CrNiMo17-12-2	1.4401	S31600	316	SUS316	S31608
A	4436-316-00-I	X3CrNiMo17-12-3	1.4436	S31600	316	SUS316	S31608
A	4476-317-92-X	X3CrNiMo18-16-5	1.4476()			SUS317J1	S31794
A	4438-317-03-I	X2CrNiMo19-14-4	1.4438	S31703		SUS317L	S31703
A	4483-317-26-I	X2CrNiMoN18-15-5	1.4483()	S31726			S31723
A	4879-317-77-J	X30CrNiMoPB20-11-2	1.4879()			SUH38	
A	4439-317-26-E	X2CrNiMoN17-13-5	1.4439	S31726			S31723
A	4445-317-00-U	X6CrNiMo19-13-4	1.4445()	S31700	317	SUS317	S31708
A	4434-317-53-I	X2CrNiMoN18-12-4	1.4434	S31753	"317LN"	SUS317LN	S31753
A	4941-321-09-I	X6CrNiTiB18-10	1.4941	S32109			S32169
A	4940-321-09-I	X7CrNiTi18-10	1.4940,1.4541	S32109	"321H"	SUS321H	S32169
A	4541-321-00-I	X6CrNiTi18-10	1.4541	S32100	321	SUS321	S32168
A	4652-326-54-I	X1CrNiMoCuN24-22-8	1.4652	S32654			S32652
A	4565-345-65-I	X2CrNiMnMoN25-18-6-5	1.4565	S34565			S34553
A	4961-347-77-E	X8CrNiNb16-13	1.4961				
A	4912-347-09-I	X7CrNiNb18-10	1.4912	S34709	"347H"	SUS347H	
A	4550-347-00-I	X6CrNiNb18-10	1.4550	S34700	347	SUS347	S34778
A	4854-353-15-E	X6NiCrSiNce35-25	1.4854	S35315			
A	4389-384-00-I	X3NiCr18-16	1.4389()	S38400	384	SUS384	S38408
A PH	4980-662-86-X	X6NiCrTiMoVB25-15-2	1.4980,1.4606	S66286()	"660"	SUH660	S51525
AF	4460-312-00-I	X3CrNiMoN27-5-2	1.4460	S31200			S22553
AF	4481-312-60-J	X2CrNiMoN25-7-3	1.4481()	S31260		SUS329J4L	S22583
AF	4424-315-00-I	X2CrNiMoSiMnN19-5-3-2-2	1.4424	S31500			
AF	4462-318-03-I	X2CrNiMoN22-5-3	1.4462	S32205,S3	F51,F60	SUS329J3L	S22053
AF	4162-321-01-E	X2CrMnNiN21-5-1 *)	1.4162	S32101			
AF	4062-322-02-U	X2CrNiN22-2 *)	1.4062	S32202			
AF	4362-323-04-I	X2CrNiN23-4	1.4362	S32304			S23043
AF	4507-325-50-X	X3CrNiMoCuN26-6-3-2	1.4507	S32550			S25554
AF	4507-325-20-I	X2CrNiMoCuN25-6-3	1.4507	S32520			
AF	4501-327-60-I	X2CrNiMoCuWN25-7-4	1.4501	S32760			S27603
AF	4410-327-50-E	X2CrNiMoN25-7-4	1.4410	S32750			S25073
AF	4658-327-07-U	X2CrNiMoCoN28-8-5-1 *)	1.4658()	S32707			
AF	4477-329-06-E	X2CrNiMoN29-7-2 *)	1.4477	S32906			
AF	4480-329-00-U	X6CrNiMo26-4-2	1.4480()	S32900	329	SUS329J1	
AF	4485-332-07-U	X2CrNiMoN31-8-4	1.4485()	S33207			
F	4523-182-35-I	X2CrMoTiS18-2	1.4523	S18235			
F	4724-405-77-I	X10CrAlSi13	1.4724				
F	4002-405-00-I	X6CrAl13	1.4002	S40500	405	SUS405	S11348
F	4516-409-75-I	X6CrNiTi12	1.4516	S40975			
F	4720-409-00-I	X2CrTi12	1.4720	S40900	409	SUH409L	S11163
F	4030-410-90-X	X2Cr12	1.4030()			SUS410L	S11203
F	4003-410-77-I	X2CrNi12	1.4003	S41003			S11213
F	4000-410-08-I	X6Cr13	1.4000	S41008		SUS410S	S41008
F	4595-429-71-I	X1CrNb15	1.4595				
F	4589-429-70-E	X5CrNiMoTi15-2	1.4589				
F	4012-429-00-X	X10Cr15	1.4012()	S42900	429	SUS429	S11510
F	4742-430-77-I	X10CrAlSi18	1.4742				
F	4017-430-91-E	X6CrNi17-1	1.4017				
F	4511-430-71-I	X3CrNb17	1.4511			SUS430LX	
F	4664-430-75-J	X2CrCuTi18	1.4664()			SUS430J1L	
F	4520-430-70-I	X2CrTi17	1.4520			SUS430LX	
F	4510-430-35-I	X3CrTi17	1.4510	S43035	439	SUS430LX	S11863



F	4004-430-20-I	X7CrS17	1.4004()	S43020	430F	SUS430F	S11717
F	4016-430-00-I	X6Cr17	1.4016	S43000	430	SUS430	S11710
F	4113-434-00-I	X6CrMo17-1	1.4113	S43400	434	SUS434	S11790
F	4609-436-77-J	X2CrMo19	1.4609()			SUS436J1L	
F	4513-436-00-J	X2CrMoNbTi18-1	1.4513()	S43600	436	SUS436L	S11862
F	4526-436-00-I	X6CrMoNb17-1	1.4526	S43600	436		S11770
F	4509-439-40-X	X2CrTiNb18	1.4509	S43940		SUS430LX	S11873
F	4764-442-72-J	X8CrAl19-3	1.4764()			SUH21	
F	4521-444-00-I	X2CrMoTi18-2	1.4521	S44400	444	SUS444	S11972
F	4621-445-00-E	X2CrNbCu21	1.4621	S44500			
F	4128-445-92-J	X2CrMo23-1	1.4128()				
F	4762-445-72-I	X10CrAlSi25	1.4762				
F	4129-445-92-J	X2CrMo23-2	1.4129()				
F	4750-446-60-U	X2CrMoNi27-4-2	1.4750()	S44660			
F	4131-446-92-C	X1CrMo26-1	1.4131(),1.4749	S44627		SUSXM27	S12791
F	4749-446-00-I	X15CrN26	1.4749	S44600	446	SUH446	S12550
F	4135-447-92-C	X1CrMo30-2	1.4135()	S44700		SUS447J1	S13091
M	4119-410-92-C	X13CrMo13	1.4119()			SUS410J1	S45710
M	4024-410-09-E	X15Cr13	1.4024			SUS410	
M	4006-410-00-I	X12Cr13	1.4006	S41000	410	SUS410	S41010
M	4415-415-92-E	X2CrNiMoV13-5-2	1.4415				
M	4313-415-00-I	X3CrNiMo13-4	1.4313	S41500		SUSF6NM	S41595
M	4642-416-72-J	X13CrPb13	1.4642()			SUS410F2	
M	4005-416-00-I	X12CrS13	1.4005	S41600	416	SUS416	S41617
M	4038-420-00-I	X52Cr13	1.4038()	S42000			
M	4039-420-09-I	X60Cr13	1.4039()				
M	4419-420-97-E	X38CrMo14	1.4419				S35830
M	4110-420-69-E	X55CrMo14	1.4110				
M	4116-420-77-E	X50CrMoV15	1.4116				
M	4035-420-74-E	X46CrS13	1.4035				
M	4034-420-00-I	X46Cr13	1.4034	S42000			S42040
M	4643-420-72-J	X33CrPb13	1.4643()			SUS420F2	
M	4029-420-20-I	X33CrS13	1.4029	S42020	420F	SUS420F	S42037
M	4031-420-00-I	X39Cr13	1.4031	S42000	420		S42040
M	4028-420-00-I	X30Cr1 3	1.4028	S42000	420	SUS420J2	S42030
M	4021-420-00-I	X20Cr13	1.4021	S42000	420	SUS420J1	S42020
M	4923-422-77-E	X22CrMoNiV12-1	1.4923				
M	4929-422-00-I	X23CrMoWMnNiV12-1-1	1.4929()	S42200	422	SUH616	S47220
M	4058-429-99-J	X33Cr16	1.4058()			SUS429J1	
M	4019-430-20-I	X14CrS17	1.4019,1.4104	S43020	430F		S11717
M	4418-431-77-E	X4CrNiMo16-5-1	1.4418				
M	4123-431-77-E	X40CrMoVN16-2	1.4123				
M	4057-431-00-X	X17CrNi16-2	1.4057	S43100	431	SUS431	S43120
M	4122-434-09-I	X39CrMo17-1	1.4122				
M	4766-440-77-X	X80CrSiNi20-2	1.4766()			SUH4	S48380
M	4025-440-74-J	X110CrS17	1.4025()		"440F"	SUS440F	S44097
M	4023-440-04-I	X110Cr17	1.4023()	S44004	440C	SUS440C	S44096
M	4041-440-03-X	X85Cr17	1.4041()	S44003	440B	SUS440B	S44080
M	4040-440-02-X	X68Cr17	1.4040()	S44002	440A	SUS440A	S44070
M	4916-600-77-J	X18CrMnMoNbVN12	1.4916()			SUH600	S46250
M-PH	4534-138-00-X	X3CrNiMoAl13-8-3	1.4534	S13800			S51380
M-PH	4594-155-92-E	X5CrNiMoCuNb14-5	1.4594				
M-PH	4532-157-00-I	X8CrNiMoAl15-7-2	1.4532	S15700			S51570
M-PH	4542-174-00-I	X5CrNiCuNb16-4	1.4542	S17400	"630"	SUS630	S51740
M-PH	4568-177-00-I	X7CrNiAl17-7	1.4568	S17700	"631"	SUS631	S51700
M-PH	4457-350-00-X	X9CrNiMoN17-5-3	1.4457()	S35000			S51750
M-PH	4530-455-77-E	X1CrNiMoAlTi12-9-2	1.4530				
M-PH	4596-455-77-E	X1CrNiMoAlTi12-10-2	1.4596				
M-PH	4645-469-10-U	X2CrNiMoCu AlTi12-9-4-3 *)	1.4645()	S46910			
M-PH	4644-662-20-U	X4NiCrMoTiMnSiB26-14-3-2	1.4644()	S66220			

A:austenitic *) patented grade " " : 'AISI like' common name

F:ferritic M:martensitic () EN nb issued for ISO grade

AF: austenitic-ferritic PH:Precipitation Hardening

(1) The ISO name is composed of 4 parts structure XXXX-YYY-ZZ-T

XXXX is a remind of the European coding, YYY a reminder of the old AISI codes, ZZ an ISO coding and T an additional information

T is a letter from : -C Chinese based composition -I genuine ISO composition -U USA based composition
 -E European based composition -J Japanese based composition -X comp. origin. from more 2 stds