

AVAILABLE STAINLESS STEEL GRADES & CHEMICAL COMPOSITION

For stainless steel flat products

	Specification ^A				Chemical Composition (%) ^B											Available ^C Product
	AISI	JIS(SUS)	DIN	WALSIN	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N	Other	
Austenitic	201	—	1.4372	201	0.15	1.00	5.50-7.50	0.060	0.030	3.50-5.50	16.00-18.00	—	—	0.25		S,H,N,D,B
	202	—	1.4373	202	0.15	1.00	7.50-10.00	0.060	0.030	4.00-6.00	17.00-19.00	—	—	0.25		S,H,N,D,B
	301	301	1.4310	301	0.15	1.00	2.00	0.045	0.030	6.00-8.00	16.00-18.00	—	—	0.10		S,H,N,D,B
	304	—	—	304	0.07	0.75	2.00	0.045	0.030	8.00-10.50	17.50-19.50	—	—	0.10		S,H,N,D,B
	—	—	1.4301		0.07	1.00	2.00	0.045	0.015	8.00-10.50	17.50-19.50	—	—	0.11		
	—	304	—		0.08	1.00	2.00	0.045	0.030	8.00-10.50	18.00-20.00	—	—	—		
	304L	—	—	304L	0.030	0.75	2.00	0.045	0.030	8.00-12.00	17.50-19.50	—	—	0.10		S,H,N,D,B
	—	—	1.4307		0.030	1.00	2.00	0.045	0.015	8.00-10.50	17.50-19.50	—	—	0.11		
	—	304L	—		0.030	1.00	2.00	0.045	0.030	9.00-13.00	18.00-20.00	—	—	—		
	316L	—	—	316L	0.030	0.75	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00	—	0.10		S,H,N,D,B
	—	—	1.4404		0.030	1.00	2.00	0.045	0.015	10.00-13.00	16.50-18.50	2.00-2.50	—	—		
	—	316L	—		0.030	1.00	2.00	0.045	0.030	12.00-15.00	16.00-18.00	2.00-3.00	—	—		
	321	—	—	321	0.08	0.75	2.00	0.045	0.030	9.00-12.00	17.00-19.00	—	—	0.10	Ti =5X(C+N)-0.70	S
	—	321	1.4541		0.08	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00	—	—	—	Ti =5XC min.	S
	309S	309S	1.4862	309S	0.08	0.75	2.00	0.045	0.030	12.00-15.00	22.00-24.00	—	—	—		S
	310S	310S	1.4845	310S	0.08	1.50	2.00	0.045	0.030	19.00-22.00	24.00-26.00	—	—	—		S
	317	—	—	317	0.08	0.75	2.00	0.045	0.030	11.00-15.00	18.00-20.00	3.00-4.00	—	0.10		S
	—	317	—		0.08	1.00	2.00	0.045	0.030	11.00-15.00	18.00-20.00	3.00-4.00	—	—		
347	—	—	347	0.08	0.75	2.00	0.045	0.030	9.00-13.00	17.00-19.00	—	—	—	Nb =10XC-1.00	S	
—	—	1.4550		0.08	1.00	2.00	0.045	0.015	9.00-12.00	17.00-19.00	—	—	—	Nb =10XC-1.00		
—	347	—		0.08	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00	—	—	—	Nb =10XC min.		
Ferrite	430	430	1.4016	430	0.12	0.75	1.00	0.040	0.030	—	16.00-18.00	—	—	—		H,N,D,B
Duplex	2205	—	1.4462	2205	0.03	1.00	2.00	0.030	0.020	4.50-6.50	22.00-23.00	3.0-3.5	—	0.14-0.20		S

A: According to JIS G4304 and ASTM A240.

B: Maximum, unless range or minimum is indicated.

C: Available Product: S: Slab · H: Hot rolled band · N: No.1 coil · D: 2D coil · B: 2B coil