

		Steel designations for ordering		AvestaPolarit steel name	AvestaPolarit chemical composition, average %					National steel designations superseded by EN				Former Steel designations		AvestaPolarit products	Welding consumables	
		EN	ASTM		C	N	Cr	Ni	Mo	Others	BS	DIN	NF	SS	Avesta Sheffield			Outokumpu Polarit
WET CORROSION AND GENERAL SERVICE	Ferritic	1.4016	430	4016	0.04	-	16.5	-	-	-	430S17	1.4016	Z8 C17	2320	430		C N B R	308L/MVR or 309L
		1.4510	S43035	4510	0.04	-	18	-	-	Ti	-	1.4510	Z4 CT17	-	439		C R	308L/MVR or 309L
		1.4521	444	4521	0.02	0.02	17.8	-	2.1	Ti	-	1.4521	Z3 CDT 18-02	2326	444		C	316L/SKR or P5
	Mart.	1.4021	420	4021	0.20	-	13	-	-	-	420S29	1.4021	Z20 C13	2303	420L		H N B R	739 S
		1.4028	420	4028	0.30	-	12.5	-	-	-	420S45	1.4028	Z33 C13	2304	420M		N R	739 S
		1.4418	-	248 SV	0.03	0.04	16	5	1	-	-	1.4418	Z6 CND 16-05-01	2387	248 SV		P B R	248 SV
	Duplex	1.4362	S32304	SAF 2304®	0.02	0.10	23	4.8	0.3	-	-	1.4362	Z3 CN 23-04 Az	2327	SAF 2304®		P H C	2205 or 2304
		1.4460	329	4460	0.02	0.09	25.2	5.6	1.4	-	-	1.4460	Z5 CND 27-05 Az	2324	25-5-1L		B	453 S or 2205
		1.4462	S32205*	2205	0.02	0.17	22	5.7	3.1	-	318S13	1.4462	Z3 CND 22-05 Az	2377	2205		P H C B R	2205
		1.4410	S32750	SAF 2507®	0.02	0.27	25	7	4	-	-	-	Z3 CND 25-06 Az	2328	SAF 2507®		P C	2507/P100
	Austenitic	1.4310	301	4310	0.10	0.03	17	7	-	-	301S21	1.4310	Z11 CN 18-08	2331	17-7	710	H C N B R	308L/MVR
		1.4318	301LN	4318	0.02	0.15	17	7	-	-	-	-	Z3 CN 18-07 Az	-	17-7LN	711	H C	308L/MVR
		1.4372	201	4372	0.05	0.15	17	5	-	6.5Mn	-	-	Z12 CMN 17-07 Az	-	17-5Mn		H C N R	307 or 309L
		1.4307	304L	4307	0.02	0.06	18.1	8.3	-	-	304S11	-	Z3 CN 18-10	2352	18-8L	720	P H C N B R	308L/MVR
		1.4301	304	4301	0.04	0.05	18.1	8.3	-	-	304S31	1.4301	Z7 CN 18-09	2333	18-8	725	P H C N B R	308L/MVR
		1.4311	304LN	4311	0.02	0.14	18.2	8.7	-	-	304S61	1.4311	Z3 CN 18-10 Az	2371	18-8LN	721	P H C N B R	308L/MVR
		1.4541	321	4541	0.04	0.01	17.3	9.1	-	Ti	321S31	1.4541	Z6 CNT 18-10	2337	18-10Ti	731	P H C N B R	308L/MVR
		1.4305	303	4305	0.05	0.06	17.3	8.2	-	S	303S31	1.4305	Z8 CNF 18-09	2346	18-8S		B R	308L/MVR
		1.4306	304L	4306	0.02	0.04	18.2	10.1	-	-	304S11	1.4306	Z3 CN 18-10	2352	19-11L	720	P H C N B R	308L/MVR
		1.4303	305	4303	0.02	0.02	17.7	11.2	-	-	305S19	1.4303	Z1 CN 18-12	-	18-12	735	H C N B R	308L/MVR
		1.4567	S30430	4567	0.01	0.02	17.7	9.7	-	3.3Cu	-	1.4567	Z3 CNU 18-09 FF	-	18-8Cu		B R	308L/MVR
		1.4404	316L	4404	0.02	0.04	17.2	10.2	2.1	-	316S11	1.4404	Z3 CND 17-11-02	2348	17-10-2L	750	P H C N B R	316L/SKR
		1.4401	316	4401	0.02	0.04	17.2	10.2	2.1	-	316S31	1.4401	Z7 CND 17-11-02	2347	17-10-2	755	P H C N B R	316L/SKR
		1.4406	316LN	4406	0.02	0.14	17.2	10.3	2.1	-	316S61	1.4406	Z3 CND 17-11 Az	-	17-10-2LN	751	P H C N B R	316L/SKR
		1.4571	316Ti	4571	0.04	0.01	16.8	10.9	2.1	Ti	320S31	1.4571	Z6 CNDT 17-12	2350	17-11-2Ti	761	P H C N B R	316L/SKR
		1.4432	316L	4432	0.02	0.05	16.9	10.7	2.6	-	316S13	-	Z3 CND 17-12-03	2353	17-12-2.5L	752	P H C N B R	316L/SKR
		1.4436	316	4436	0.02	0.05	16.9	10.7	2.6	-	316S33	1.4436	Z7 CND 18-12-03	2343	17-12-2.5	757	P H C N B R	316L/SKR
		1.4435	316L	4435	0.02	0.06	17.3	12.6	2.6	-	316S13	1.4435	Z3 CND 18-14-03	2353	17-14-2.5L	752	P H C N B R	316L/SKR
1.4429		S31653	4429	0.02	0.14	17.3	12.5	2.6	-	316S63	1.4429	Z3 CND 17-12 Az	2375	17-12-2.5LN		P	316L/SKR	
1.4438		317L	4438	0.02	0.07	18.2	13.7	3.1	-	317S12	1.4438	Z3 CND 19-15-04	2367	18-14-3L	770	P H C N B R	317L/SNR	
1.4439	317LMN	4439	0.02	0.14	17.8	12.7	4.1	-	-	1.4439	Z3 CND 18-14-05 Az	-	17-14-4LN	772	P H C	SLR-NF		
1.4539	904L	904L	0.01	0.06	20	25	4.3	1.5Cu	904S13	1.4539	Z2 NCDU 25-20	2562	904L	774	P H C N B R	904L or P12		
1.4547	S31254	254 SMO®	0.01	0.20	20	18	6.1	Cu	-	-	-	2378	254 SMO®		P H C N B R	P12 or P16		
1.4652	S32654	654 SMO®	0.01	0.50	24	22	7.3	3.5Mn, Cu	-	-	-	-	654 SMO®		On request	P16		
HEAT AND CREEP	Austenitic	1.4948	304H	4948	0.05	0.06	18.1	8.3	-	-	304S51	1.4948	Z6 CN 18-09	2333	18-8		P H C B R	308/308H
		1.4878	321H	4878	0.05	0.01	17.3	9.1	-	Ti	321S51	1.4878	Z6 CNT 18-10	2337	18-10Ti	731	P H C N B R	347/MVNB
		1.4818	S30415	153 MA™	0.05	0.15	18.5	9.5	-	1.3Si, Ce	-	-	-	2372	153 MA™		P C N B R	253 MA
		1.4833	309S	4833	0.06	0.08	22.3	12.6	-	-	309S16	1.4833	Z15 CN 24-13	-	23-13	744	P H C N B R	309
		1.4828	-	4828	0.04	0.04	20	12	-	2Si	-	1.4828	Z17 CNS 20-12	-	20-12Si		C N B R	253 MA
		1.4835	S30815	253 MA®	0.09	0.17	21	11	-	1.6Si, Ce	-	-	-	2368	253 MA®		P H C N B R	253 MA
		1.4845	310S	4845	0.05	0.04	25	20	-	-	310S16	1.4845	Z8 CN 25-20	2361	25-20		P H C N B R	310
		1.4854	S35315	353 MA®	0.05	0.17	25	35	-	1.3Si, Ce	-	-	-	-	353 MA®		P C	353 MA