



We feel responsible for your products

Static castings for your applications

S+C Alfametal

- › Are you looking for stainless steel castings of superior quality?
- › Do you strive to produce products consisting only of the best components?



- › Do you try to win your customers' loyalty by selling products with long lifetime?
- › Is meeting deadlines of utmost importance to you?
- › Is the satisfaction of your final customer crucial for the future development of your company?



AREAS OF APPLICATION

- › Chemical and petrochemical industry
- › Energy Technology
- › Pumps and valves manufacture
- › Separation Technology
- › Machinery and plant construction

CERTIFICATE

ISO 9001:2008
 Direction 97/23/EG
 NORSOK M-650
 Lloyd's Register LRQA

CASTING QUALITY

- › Tolerance according to EN ISO 8062
- › Surface quality according to DIN EN 1559, EN 1371-1
- › Volume quality according to ASTM E446
- › Certificates according to EN 10204

PRODUCTION RANGE

- › Casting up to 900 kg parts
- › Dimension up to $\varnothing 1600$, max. length 2000 mm

CASTING MATERIALS

- › Corrosion-resistant stainless steel
- › Heat-resistant steel
- › Duplex/Super Duplex steel
- › Ni-Based steel

ADDITIONAL SERVICES

- › Custom pattern production /modification
- › Finished or rough machining
- › Heat treatment

PEOPLE MATTER.

- › We are a company who cares to have satisfied employees.
- › We ask people for their opinions.
- › Our employees say:

We want to take responsibility for our work and we want to be proud of what we have made.

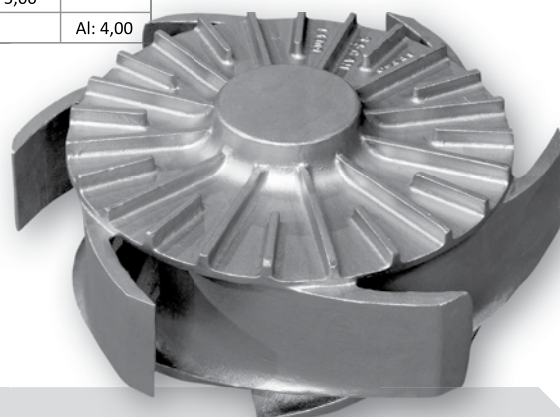


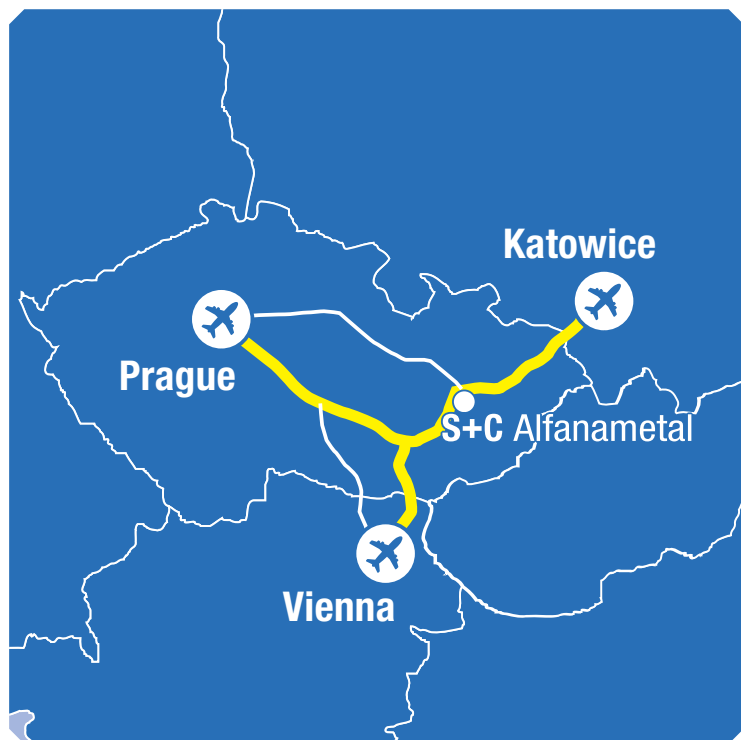
CORROSION-RESISTANT STEEL

Material no.	Identification	C max	Si	Mn	P max	S max	Cr	Ni	Mo	N max	other
1.4008	GX7CrNiMo 12-1	0,10	0,80	0,80	0,035	0,025	12,50	1,50	0,35		
1.4027	GX20Cr 14	0,20	0,80	0,80	0,045	0,030	13,00				
1.4317	GX4CrNi 13-4	0,04	0,80	0,80	0,035	0,025	13,00	4,00			
1.4405	GX4CrNiMo 16-5-1	0,06	0,60	0,80	0,035	0,025	16,00	5,00	1,00		
1.4340	GX40CrNi 27-4	0,30	1,00	1,00	0,045	0,03	27,00	4,50			
1.4464	GX40CrNiMo 27-5	0,40	1,00	1,00	0,045	0,03	27,00	5,00	2,25		
1.4308	GX5CrNi 19-10	0,07	1,00	1,00	0,040	0,030	19,00	10,00			
1.4309	GX2CrNi 19-11	0,03	1,00	1,00	0,035	0,025	19,00	11,00		0,20	
1.4408	GX5CrNiMo 19-11-2	0,07	1,00	1,00	0,040	0,030	19,00	11,00	2,25		
1.4409	GX2CrNiMo 19-11-2	0,03	1,00	1,00	0,035	0,025	19,00	11,00	2,25		
1.4552	GX5CrNiNb 19-11	0,07	1,00	1,00	0,040	0,030	19,00	11,00			Nb = 8xC
1.4557	GX2CrNiMoCuN 20-18-6	0,025	1,00	1,00	0,030	0,010	20,00	18,50	6,50	0,20	Cu 0,75
1.4581	GX5CrNiMoNb 19-11-2	0,07	1,00	1,00	0,040	0,030	19,00	11,00	2,25		Nb = 8xC
1.4460	GX3CrNiMoN 27-5-2	0,05	1,00	1,00	0,035	0,030	27,00	5,00	1,75	0,10	
1.4463	GX6CrNiMo 24-8-2	0,07	1,00	1,00	0,045	0,030	24,00	8,00	2,25		
1.4470	GX2CrNiMoN 22-5-3	0,03	1,00	1,00	0,035	0,025	22,00	5,50	3,00	0,15	
1.4517	GX2CrNiMoCuN 25-6-3-3	0,03	1,00	1,00	0,035	0,025	25,00	6,00	3,00	0,15	
G 45 Mo	G-NiCr35MoCuN	0,02	0,20	0,40	0,015	0,003	35,00	45,00	10,00	0,20	Cu 1,50
Alloy 59	G-NiCr23Mo16	0,010	0,10	0,25	0,015	0,003	23,00	rest	16,00		

HEAT-RESISTANT STEEL

Material no.	Identification	C	Si	Mn	P max	S max	Cr	Ni	W	other
1.4827	GX8CrNiNb 19-10	0,08	1,00	1,00	0,025	0,015	19,00	10,00		Nb = 8xC
1.4848	GX40CrNiSi25-20	0,40	1,50	1,00	0,03	0,03	25,00	20,00		
1.4852	GX40NiCrSiNb35-25	0,45	1,50	0,80	0,03	0,03	25,50	34,50		Nb 1,30
1.4859	GX10NiCrSiNb32-20	0,10	1,00	1,00	0,03	0,03	20,00	32,00		Nb 1,00
ET 35 Co	G-NiCr30CoW	0,50	1,25	1,00	0,03	0,03	30,00	35,50	6,00	
2.4879	G-NiCr28W	0,45	2,00	1,00	0,03	0,03	28,50	rest	5,00	
Centralloy 60HT	G-NiCr25FeAl	0,45			0,03	0,03	27,0	rest		Al: 4,00





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