Classic and Pro Grades
Manufactured at the Calvert Mill

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Class	Grade UNS/DIN	Width Inches	Hot Rolled No. 1 Inches	Cold Rolled 2D Gauge	Cold Rolled 2B Gauge	Cold Rolled Polish Gauge	Temper Rolled / Gauge 1/8	 1/4	 1/2	 3/4	 FH
Austenitic Alloys	**Core 201/4372**	36	.098 - .375	10 - 19	10 - 19	10 - 19					
	S20100 / 1.4372	48	.098 - .375	10 - 19	10 - 19	10 - 19					
	16.0% Cr min / 4.0% Ni min / 6.5% Mn min	60	.138 - .375	10 - 19	10 - 19	10 - 19					
	3.5% Ni available in 48" & 60".										
	Note: For any lighter gauges please inquire.										
	Core 201LN/4372	36	.098 - .375	10 - 19	10 - 19	10 - 19					
	S20153 / 1.4372	48	.098 - .375	10 - 19	10 - 19	10 - 19					
	16.0% Cr min / 4.0% Ni min / 6.5% Mn min	60	.138 - .375	10 - 19	10 - 19	10 - 19					
	0.03% C max / 0.10-0.25% N										
	201LN by request in 36" & 60".										
	Core 301/4310	36	.098 - .375	10 - 24	10 - 24	10 - 24					
	S30100 / 1.4310	48	.098 - .375	10 - 24	10 - 24	10 - 24	10-24	10-24	9-24	10-24	10-24
	17.0% Cr min / 6.0% Ni min / 1.50% Cu min	60	.150 - .375	10 - 24	10 - 24	10 - 24	10-19	10-19	9-19	10-19	10-19
	For 20 - 24 gauge please inquire										
	Core 301/4310	36	.098 - .375	10 - 24	10 - 24	10 - 24					
	S30100 / 1.4310	48	.098 - .375	10 - 24	10 - 24	10 - 24	10-24	10-24	10-24	10-24	10-24
	17.0% Cr min / 6.6% Ni min / 0.57% Cu min	60	.150 - .375	10 - 24	10 - 24	10 - 24	10-19	10-19	10-19	10-19	10-19
	6.6 % Ni by request in 36", 48" & 60".										
	7% Ni available by request in 48" & 60".										
	For 20 - 24 gauge please inquire										
	Core 301LN/4318										
	S30153 / 1.4318	48	.157 - .375	10 - 24	10 - 24	10 - 24					
	17.0% Cr min / 6.0% Ni min / 1.70% Mn min	60	.157 - .375	10 - 24	10 - 24	10 - 24					
	0.030% C max / 0.150 - 0.20%N										
	301LN available by request in 48" & 60".										
	Core 301 Si										
	S30116/ 4310.12	42		14 - 19	14 - 19						
	16.5% Cr min / 6.5% Ni min / 1.10% Mn min	48		14 - 19	14 - 19						
	0.115% C max / 0.06 - 0.08% N										
	Core 304/4301	36	.098 -.375	10 - 24	10 - 26	10 - 26					
	S30400 / 1.4301	48	.098 -.394	10 - 24	7 - 26	10 - 26	10-24	10-24	10-24		
	18.0% Cr min / 8.0% Ni min	60	.118- .394	.145 Max - 24	7 - 26	10 - 26	10-18	10-18	10-20		
	8.5% Ni available by request in 48" & 60".	72	.188 -.375	.145 Max - 20	7 - 20				10-16		
	Core 304L/4307	36	.098 -.375	10 - 24	10 - 26	10 - 26					
	S30403 / 1.4307	48	.098 -.394	10 - 24	7 - 26	10 - 26	10-24	10-24	10-24		
	18.0% Cr min / 8.0% Ni min 0.03% C max	60	.118 -.394	.145 Max - 24	7 - 26	10 - 26	10-18	10-18	10-20		
		72	.188 -.375	.145 Max - 20	7 - 20				10-16		
	Core 304L / 4307 9.0% Ni										
	S30400 / 1.4307	48	.098 -.394	10-24	7 - 26	10 - 26					
	18.0% Cr min / 9.0% Ni min	60	.118 -.394	10-24	7 - 26	10 - 26					
	Core 304L/4307 9.5% Ni	36									
	S30403 / 1.4307	48	.098 -.394	10 - 24	7 - 26	10 - 26					
	18.0% Cr min / 9.5% Ni min / 0.03% C max	60	.118- .394	10 - 24	7 - 26	10 - 26					
	Core 304LHS /4307	44	.098 -.375		Available based on demand						
	S30403 / 1.4307	48	.098 -.394	10 - 24	10 - 24	10 - 24					
	18.0% Cr min / 8.0% Ni min	60	.118- .394	10 - 24	10 - 24	10 - 24					
	0.03% C max / 0.008-0.015% S	65	.188 -.375		Available based on demand						
		72	.188 -.375		10 - 20						
	Supra 316L/4404	36	.110 -.375	10 - 24	10 - 26	10 - 26					
	S31603 / 1.4404	48	.118- .394	.145 Max - 24	7 - 26	10 - 26					
	16.0% Cr min / 10.0% Ni min / 2.0% Mo min	60	.158- .394	.145 Max - 24	7 - 26	10 - 26					
	0.03% C max	72	.250 -.375	.145 Max - 20	10 - 20						
	316L is available by request in 36".										
	Supra 316LHS /4404	36	.110- .375	10 - 24	10 - 24	10 - 24					
	S31603 / 1.4404	44	.110 -.375		Available based on demand						
	16.0% Cr min / 10.0% Ni min / 2.0% Mo min	48	.118- .394	10 - 24	10 - 24	10 - 24					
	0.03% C max / 0.008-0.015% S	60	.158- .394	10 - 24	10 - 24	10 - 24					
	316LHS is available by request in 36".	65	.250 -.375		Available based on demand						
		72	.250 -.375		10 - 20						
	Core 321/4541	36									
	S32100 / 1.4541	48	.110 -.375								
	17.0% Cr min / 9.0% Ni min	60									
	Ti 5 x (C + N) min, 0.70% max	72									

321 available by request in 48".

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Class	Grade UNS/DIN	Width Inches	Hot Rolled No. 1 Inches	Cold Rolled 2D Gauge	Cold Rolled 2B Gauge	Cold Rolled Polish Gauge	Temper Rolled / Gauge 1/8	 1/4	 1/2	 3/4	 FH
Ferritic Alloys	**Moda 430/4016**	36	0.138 - 0.250		10 - 26	10 - 26					
	S43000 / 1.4016	48	0.138 - 0.250		10 - 26	10 - 26					
	16 % Cr min	60	0.138 - 0.250		10 - 26	10 - 26					
		72									
	Moda 439M (Dual Stabilized)/4510	36	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	S43932 / 1.4510	48	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	17.0% Cr min / 0.30% Al max	60	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	Ti + Nb [0.20 + 4 (C+N)] min, 0.75 max	72									
	Core 441/4509	36	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	S43940 / 1.4509	48	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	17.5% Cr	60	0.138 - 0.250	10 - 24	10 - 24	10 - 24					
	Ti 0.10-0.60%; Nb [0.30 + (3 x C)] min	72									
Duplex Alloys	**Forta DX 2205 +2 / 4662**	36									
	S32205 & S31803 / 1.4462	48	.188 - 0.250		10 - 20						
	22.5% Cr min / 5.5% Ni min / 3.0% Mo min	60	.188 - 0.250		10 - 20						
		72									

Classic Grades
Manufatured at the Mexinox Mill

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Class	Grade UNS/DIN	Width Inches	Cold Rolled 2D Gauge	Cold Rolled 2B Gauge	Cold Rolled Polish Gauge	Cold Rolled BA Gauge	Cold Rolled Rolled On Gauge	Temper Rolled / Gauge 1/8	 1/4	 1/2	 3/4	 FH
Austenitic Alloys	**Core 201/4372**	36	10 - 26	10 - 29	10 - 26			13-19	13-19	13-19	13-19	13-19
	S20100 / 1.4372	48	10 - 26	10 - 29	10 - 26			13-19	13-19	13-19	13-19	13-19
	16.0% Cr min / 4.0% Ni min / 6.5% Mn min	51.18	10 - 26	10 - 28	16 - 26			13-19	13-19	13-19	13-19	13-19
	Core 201LN/4372											
	S20153 / 1.4372	48	10 - 26	10 - 29	10 - 26							
	16.0% Cr min / 4.0% Ni min / 6.5% Mn min											
	0.03% C max / 0.10-0.25% N											
	Core 301/4310	36										
	S30100 / 1.4310	48										
	17.0% Cr min / 6.6% Ni min / 0.57% Cu min	49.21	10 - 26	10 - 28	16 - 26			13-29	13-29	13-29	13-29	13-29
	Core 301/4310	36	10 - 26	10 - 29	10 - 26			13-29	13-29	13-29	13-29	13-29
	S30100 / 1.4310	48	10 - 26	10 - 29	10 - 26			13-29	13-29	13-29	13-29	13-29
	17.0% Cr min / 6.0% Ni min / 1.5% Cu min											
	Core 304/4301											
	S30400 / 1.4301	48	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28					
	18.0% Cr min / 8.5% Ni min											
	(Available by request.											
	Core 304L/4307											
	S30403 / 1.4307	48	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28					
	18.0% Cr min / 9.5% Ni min / 0.03% C max											
	(Available by request)											
	Core 304/4301//304L/4307	36	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28	13-29	13-29	13-29		
	S30400 / 1.4301 / S30403 / 1.4307	39.37	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28	13-29	13-29	13-29		
	0.07% C max / 0.03% C max	48	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28	13-29	13-29	13-29		
	18.0% Cr min / 8.0% Ni min	51.18	10 - 26	10 - 28	16 - 26	18 - 28	18 - 28	13-29	13-29	13-29		
	Supra 316L/4404											
	S31603 / 1.4404	48	10 - 26	10 - 29	10 - 26			13-29	13-29	13-29		
	16.0% Cr min / 10.0% Ni min / 2.0% Mo min / 0.03% C max											
	Core 321/4541											
	S32100 / 1.4541	48	10 - 26	10 - 29	10 - 26							
	17.0% Cr min / 9.0% Ni min / Ti 5 x (C + N) min, 0.70% max											

Classic Grades
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Class	Grade UNS/DIN	Width Inches	Cold Rolled 2D Gauge	Cold Rolled 2B Gauge	Cold Rolled Polish Gauge	Cold Rolled BA Gauge	Cold Rolled Rolled On Gauge	Temper Rolled / Gauge 1/8	 1/4	 1/2	 3/4	 FH
Ferritic Alloys	**Moda 409/409L/4512**											
	S40920 / 1.4512	48	10 - 26	10 - 29								
	10.5% Cr min/0.10% Nb max/Ti 8 x (C+N) min, Ti 0.15-0.50	49.21	10 - 26	10 - 28								
		51.18										
	Moda 410S/4000											
	S41008 / 1.4000	48										
	11.5% Cr / 0.08% C max	49.21	10 - 26	10 - 28								
	Available by request.											
	Moda 430/4016	36		10 - 29	10 - 26	18 - 28	10 - 28			13-29		
	S43000 / 1.4016	39.37		10 - 29	10 - 26	18 - 28	10 - 28			13-29		
	16 % Cr min	48		10 - 29	10 - 26	18 - 28	10 - 28			13-29		
		49.21		10 - 28	16 - 26	18 - 28	10 - 28			13-29		
		51.18		10 - 28	16 - 26	18 - 28	10 - 28			13-29		
	51.96 is offered as mill edge only.	51.96		10 - 28	16 - 26	18 - 28	10 - 28			13-29		
	Moda 439M (Dual Stabilized)/4510	36										
	S43932 / 1.4510	48										
	17.0% Cr min / 0.30% Al max	49.21	10 - 26	10 - 28	16 - 26	18 - 28						
	Ti + Nb [0.20 + 4 (C+N)] min, 0.75 max	51.18	10 - 26	10 - 28	16 - 26	18 - 28						
	Core 441/4509	36	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28					
	S43940 / 1.4509	39.37	10 - 26	10 - 29	10 - 26	18 - 28	18 - 28					
	17.5% Cr	48										
	Ti 0.10-0.60%; Nb [0.30 + (3 x C)] min	49.21	10 - 26	10 - 28	16 - 26	18 - 28	18 - 28					
		51.18	10 - 26	10 - 28	16 - 26	18 - 28	18 - 28					

Classic and Pro Grades Manufactured in Europe

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Alloy	Grade UNS/DIN	Width Inches	Hot Rolled No. 1 Inches	Cold Rolled 2B Gauge	Cold Rolled 2E Gauge	Cold Rolled BA Gauge	Temper Rolled / Gauge 1/8	1/4	1/2	3/4	FH
	Core 305	36									
	S30500 / 1.4303	48	.118 - .315	.012 - .250	.063 - .177	.120 - .138					
	17.7% Cr / 12.5% Ni / 0.04% C	60	.138 - .305	.028 - .250	.079 - .177	.020 - .138					
		72									
	Therma 309S	36									
	S30908 / 1.4833	48	.135 - .500		.012 - .177						
	22.3% Cr / 12.3% Ni / 0.06% C	60	.188 - .500		.020 - .315						
		72	.236 - .500		.060 - .315						
	Therma 310S	36									
	S31008 / 1.4845	48	.105 - .500		.020 - .177						
	25.5% Cr / 19.1% Ni / 0.05% C	60	.177 - .500		.020 - .315						
		72	.236 - .500		.059 - .315						
	Supra 316Ti	36									
	S31635 / 1.4571	48	.118 - .500	.012 - .250							
	16.8% Cr / 10.9% Ni / 0.04% C / 2.1% Mo	60	.197 - .315	.028 - .250							
		72	.157 - .500	.059 - .250							
	Ultra 317L	36									
	S31703 / 1.4438	48	.197 - .394		.059 - .177						
	18.2% Cr / 13.7 % Ni / 0.02% C / 3.1% Mo	60	.197 - .394		.059 - .256						
		72	.197 - .394		.118 - .256						
	Core 321	36									
	S32100 / 1.4541	48	.106 - .315	.016 - .250		.020 - .188					
	17.3% Cr / 9.1% Ni / 0.04% C / Ti (other)	60	.118 - .315	.028 - .250		.020 - .188					
		72	.157 - .500	.059 - .250							
	Therma 321H	36									
	1.4878	48	.106 - .315	.016 - .250		.020 - .188					
	17.3% Cr / 9.1% Ni / 0.05% C / Ti (other)	60	.118 - .315	.028 - .250		.020 - .138					
		72	.157 - .500	.059 - .250							
	Supra 444	36									
	S44400 / 1.4521	48		.024 - .118		.012 - .059					
	18.0% Cr / 0.02% C / Nb Ti (other)	60		.024 - .118							
		72									
	Ultra 254SMO	36									
	S31254 / 1.4547	48			.059 - .177						
	20.0% Cr / 18.0% Ni / 0.01% C / 6.1% Mo / 0.20% N / Cu	60	.236 - .250		.059 - .250						
	(other)	72			.059 - .250						
	Ultra 6XN	36									
	N08367/N08926 /1.4529	48			.059 - .138						
	20.5% Cr / 24.8% Ni / 0.01% C / 6.5 % Mo / 0.20 N / Cu	60	.312 - .315		.075 - .250						
	(other)	72									
	Ultra 825	43									
	N08825 / 2.4845	48			.059 - .177						
	Pending	60									
		72									
	Ultra 904L	36									
	N08904 /1.4539	48	.157 - .394		.020 - .177						
	19.8% Cr / 24.2% Ni / 0.01% C / 4.3% Mo / 1.4% Cu	60	.236 - .394		.059 - .276						
		72	.276 - .394		.059 - .276						
	Forta FDX 27	36									
	S82031 / 1.4637	48			.016 - .145						
	19.0 - 22.0% Cr / 2.0 - 4.0% Ni / <0.04% C / 0.6% - 1.4% Mo	60									
	0.14% - 0.24% N / <2.5% Mn	72									
	Forta LDX 2101	36									
	S32101/ 1.4162	48	.118 - .394		.059 - .157						
	21.5% Cr / 1.5% Ni / 0.03% C / 0.3% Mo / 0.22% N /	60	.134 - .394	.157 - .250	.059 - .250						
	5%Mn Cu	72	.197 - .394	.157 - .250	.059 - .250						
	Forta DX2205	36									
	S32205 / 1.4462	48	.138 - .394		.016 - .145						
	22.4% Cr / 5.7% Ni / 0.02% C / 3.1% M / 0.17% N	**49.21**	.157 - .236		.079- .157						
		60	.157 - .394		.059 - .236						
		72	.197 - .354		.059 - .236						

Classic and Pro Grades Manufactured in Europe

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Alloy	Grade UNS/DIN	Width Inches	Hot Rolled No. 1 Inches	Cold Rolled 2B Gauge	Cold Rolled 2E Gauge	Cold Rolled BA Gauge	Temper Rolled / Gauge 1/8	 1/4	 1/2	 3/4	 FH
	Forta DX 2304	36									
	S32304 / 1.4362	48			.059 - .157						
	23.0% CR / 4.8% N / 0.02% C / 0.3% Mo / 0.10% N / Cu	60	.157 - .394		.059 - .236						
	(other)	72	.197 - .354		.059 - .236						
	Forta LDX 2404										
	S82441 / 1.4662	51.2	.157 - .354		.016 - .157						
	24 % Cr / 3.6 % Ni / 0.02 % C / 1.6 % Mo / 0.27 % N / 3 % Mn /	60	.157 - .354		.059 - .236						
	Cu (other)	78.7	.157 - .354		.059 - .236						
	Forta SDX 2507	36									
	S32750 / 1.4410	48									
	25.0% Cr / 7.0% N / 0.02% C / 4.0% Mo / 0.27% N	60	.217 - .315		.059 - .236						
		72			.118 - .236						
	Core 4622	36									
	S44330/1.4622	48		.020 - .118	.118 - .177						
	21.0% Cr / 0.02% C / Ti Nb Cu (other)	59.055		.032 - .118	.118 - .177						
		60		.032 - .118	.118 - .177						
		72									
	Dura 17-7PH	36									
	S17700/1.4568	49.21			.032 - .078						
	17.0% Cr / 0.08% C / 7.0% Ni / Al (other)	60									
		72									