

Austenitic Alloys

Ferritic Alloys

Grade UNS/DIN	Width Inches	Hot Rolled #1 Inches	Cold Rolled 2D Gauge	Cold Rolled 2B Gauge	Cold Rolled Polish Gauge (0.1177" max)
<b>Core 201/4372</b> S20100 / 1.4372 16.0% Cr min / 4.0% Ni min / 6.5% Mn min (3.5% Ni available by request (2 heat lot order))	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1500 - .3750	12 - 24	10 - 24	11 - 24
<b>Core 201LN/4372</b> S20153 / 1.4372 16.0% Cr min / 4.0% Ni min / 6.5% Mn min 0.03% C max / 0.10-0.25% N	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1500 - .3750	12 - 24	10 - 24	11 - 24
<b>Core 301/4310</b> S30100 / 1.4310 17.0% Cr min / 6.0% Ni min / 1.5% Cu min	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1500 - .3750	12 - 24	10 - 24	11 - 24
<b>Core 301/4310</b> S30100 / 1.4310 17.0% Cr min / 6.6% Ni min / 0.57% Cu min (7% Ni available by request (2 heat lot order))	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1500 - .3750	12 - 24	10 - 24	11 - 24
<b>Core 301LN/4318</b> S30153 / 1.4318 17.0% Cr min / 6.0% Ni min / 1.70% Mn min 0.030% C max / 0.150 - 0.20% N	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1500 - .3750	12 - 24	10 - 24	11 - 24
<b>Core 304/4301</b> S30400 / 1.4301 18.0% Cr min / 8.0% Ni min (8.5% Ni available by request (2 heat lot order))	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1311 - .3750	12 - 24	10 - 24	11 - 24
	72	.1875 - .3125		10 - 16	
<b>Core 304L/4307</b> S30403 / 1.4307 18.0% Cr min / 8.0% Ni min 0.03% C max	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1311 - .3750	12 - 24	10 - 24	11 - 24
	72	.1875 - .3125		10 - 16	
<b>Core 304L/4307</b> S30403 / 1.4307 18.0% Cr min / 8.0% Ni min 0.03% C max / 0.008-0.015% S	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	44	.1100 - .3750			
	48	.1100 - .3750	12 - 24	10 - 24	11 - 24
	60	.1311 - .3750	12 - 24	10 - 24	11 - 24
	65	.1500 - .3750			
	72	.1875 - .3125		10 - 16	
<b>Supra 316L/4404</b> S31603 / 1.4404 16.0% Cr min / 10.0% Ni min / 2.0% Mo min 0.03% C max	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	48	.1311 - .3750	12 - 24	10 - 24	11 - 24
	60	.1705 - .3750	12 - 24	10 - 24	11 - 24
	72	.2500 - .3125		10 - 14	
<b>Supra 316L/4404</b> S31603 / 1.4404 16.0% Cr min / 10.0% Ni min / 2.0% Mo min 0.03% C max / 0.008-0.015% S	36	.1100 - .3750	12 - 24	10 - 24	11 - 24
	44	.1100 - .3750			
	48	.1311 - .3750	12 - 24	10 - 24	11 - 24
	60	.1705 - .3750	12 - 24	10 - 24	11 - 24
	65	.1875 - .3750			
<b>Core 321/4541</b> S32100 / 1.4541 17.0% Cr min / 9.0% Ni min Ti 5 x (C + N) min, 0.70% max	48	.1100 - .3750			
	36 & 39.37			10 - 24	11 - 24
<b>Moda 430/4016</b> S43000 / 1.4016 16% Cr min	48 & 49.21			10 - 24	11 - 24
	51.18 & 51.96			10 - 24	11 - 24
	60			10 - 20	11 - 20

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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	Cold Rolled Temper Rolled Gauge
<b>Core 201/4372</b> S20100 / 1.4372 16.0% Cr min / 4.0% Ni min / 6.5% Mn min	36 48 51.18	10 - 26 10 - 26 10 - 26	10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25			13 - 29 13 - 29 13 - 29
<b>Core 201LN/4372</b> S20153 / 1.4372 16.0% Cr min / 4.0% Ni min / 6.5% Mn min 0.03% C max / 0.10-0.25% N	48	10 - 26	10 - 28	11 - 25			
<b>Core 301/4310</b> S30100 / 1.4310 17.0% Cr min / 6.6% Ni min / 0.57% min	36 48 51.18	10 - 26 10 - 26 10 - 26	10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25			13 - 29 13 - 29 13 - 29
<b>Core 301/4310</b> S30100 / 1.4310 17.0% Cr min / 6.0% Ni min / 1.5% Cu min	36 48	10 - 26 10 - 26	10 - 28 10 - 28	11 - 25 11 - 25			13 - 29 13 - 29
<b>Core 304/4301</b> S30400 / 1.4301 18.0% Cr min / 8.5% Ni min	48	10 - 26	10 - 28	11 - 25	18 - 28	18 - 28	
<b>Core 304L/4307</b> S30403 / 1.4307 18.0% Cr min / 9.5% Ni min / 0.03% C max	48	10 - 26	10 - 28	11 - 25	18 - 28	18 - 28	
<b>Core 304/4301//304L/4307</b> S30400 / 1.4301 // S30403 / 1.4307 0.07% C max // 0.03% C max 18.0% Cr min / 8.0% Ni min	36 39.37 48 51.18	10 - 26 10 - 26 10 - 26 10 - 26	10 - 28 10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25 11 - 25	18 - 28 18 - 28 18 - 28 18 - 28	18 - 28 18 - 28 18 - 28 18 - 28	13 - 29 13 - 29 13 - 29 13 - 29
<b>Supra 316L/4404</b> S31603 / 1.4404 16.0% Cr min / 10.0% Ni min / 2.0% Mo min / 0.03% C max	48	10 - 26	10 - 28	11 - 25			13 - 29
<b>Core 321/4541</b> S32100 / 1.4541 17.0% Cr min / 9.0% Ni min / Ti 5 x (C + N) min, 0.70% max	48	10 - 26	10 - 28	11 - 25			
<b>Moda 409/4512</b> S40920 / 1.4512 10.5% Cr min / 0.10% Nb max / Ti 8 x (C+N) min, Ti 0.15-0.50	48 49.21	10 - 26 10 - 26	10 - 28 10 - 28				
<b>Moda 410S/4000</b> S41008 / 1.4000 11.5% Cr / 0.08% C max	48	10 - 26	10 - 28				
<b>Moda 430/4016</b> S43000 / 1.4016 16% Cr min	36 39.37 48 49.21 51.18 51.96		10 - 28 10 - 28 10 - 28 10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25 11 - 25 11 - 25 11 - 25	18 - 28 18 - 28 18 - 28 18 - 28 18 - 28 18 - 28	10 - 28 10 - 28 10 - 28 10 - 28 10 - 28 10 - 28	13 - 29 13 - 29 13 - 29 13 - 29 13 - 29 13 - 29
<b>Core 434/4113</b> S43400 / 1.4113 16.0% Cr / 0.075% Mo	48 49.21		10 - 28 10 - 28	11 - 25 11 - 25	18 - 28 18 - 28	10 - 28 10 - 28	
<b>Moda 439M (Dual Stabilized)/4510</b> S43932 / 1.4510 17.0% Cr min / 0.30% Al max Ti + Nb [0.20 + 4 (C+N)] min, 0.75 max	36 48 49.21 51.18	10 - 26 10 - 26 10 - 26 10 - 26	10 - 28 10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25 11 - 25			
<b>Moda 439 (Single Stabilized)/4510</b> S43035 / 1.4510 17.0% Cr min / 0.03% C max / Al 0.15% max Ti [0.20 + 4 (C+N)] min, 1.10 max	48 49.21	10 - 26 10 - 26	10 - 28 10 - 28	11 - 25 11 - 25			
<b>Core 441/4509</b> S43940 / 1.4509 17.5% Cr Ti 0.10-0.60%; Nb [0.30 + (3 x C)] min	36 48 49.21 51.18	10 - 26 10 - 26 10 - 26 10 - 26	10 - 28 10 - 28 10 - 28 10 - 28	11 - 25 11 - 25 11 - 25 11 - 25			

Information given here within may be subject to change. Consult your Outokumpu sales representative for additional information and current lead times. All Mexinox mill information based on ASTM A240 standards.

Grade UNS/DIN	Width Inches	Hot Rolled #1D/HRAP Gauge	Cold Rolled 2B Gauge	Cold Rolled 2E Gauge	Cold Rolled BA Gauge
<b>Core 305</b> S30500 / 1.4303 17.7% Cr / 12.5% Ni / .04 C	48	.118 - .315	.020 - .250		
	60	.138 - .315	.028 - .250		
<b>Therma 309S</b> S30908 / 1.4833 22.3% Cr / 12.3% Ni / .06% C	48	.1875 - .500		.016 - .177	
	60	.1875 - .500		.0595 - .165	
	72	.1875 - .500		.0595 - .1874	
<b>Therma 310S</b> S31008 / 1.4845 25.5% Cr / 19.1% Ni / .05% C	48	.1875 - .500		.016 - .177	
	60	.1875 - .500		.0595 - .165	
	72	.1875 - .500		.0595 - .1874	
<b>Supra 316TI</b> S31635 / 1.4571 16.8% Cr / 10.9% Ni / .04% C / 2.1% Mo	48	.118 - .315	.016 - .250		
	60	.1875 - .315	.028 - .250		
	72	.1875 - .500	.059 - .250		
<b>Ultra 317L</b> S31703 / 1.4438 18.2% Cr / 13.7% Ni / .02% C / 3.1% Mo	48	.1875 - .375		.016 - .177	
	60	.1875 - .375		.120 - .165	
	72	.1875 - .375		.120 - .165	
<b>Core 321</b> S32100 / 1.4541 17.3% Cr / 9.1% Ni / .04% C / Ti (other)	48	.118 - .315	.020 - .250		
	60	.138 - .315	.028 - .250		
	72	.1875 - .500	.059 - .250		
<b>Therma 321H</b> 1.4878 17.3% Cr / 9.1% Ni / .05% C / Ti (other)	48	.118 - .315	.020 - .250		
	60	.138 - .315	.028 - .250		
	72	.1875 - .500	.059 - .250		
<b>Supra 444</b> S44400 / 1.4521 18.0% Cr / .02% C / 2.0 Mo / Nb Ti (other)	48		.024 - .118		
	60		.024 - .118		INQUIRE
<b>Ultra 254SMO</b> S31254 / 1.4547 20.0% Cr / 18.0% Ni / .01% C / 6.1% Mo / .20% N / Cu (other)	48			.016 - .177	
	60	.1875 - .3125		.0595 - .165	
	72			.0595 - .165	
<b>Ultra 6XN</b> N08367 / N08926 / 1.4529 20.5% Cr / 24.8% Ni / .01% C / 6.5% Mo / .20% N / Cu (other)	48			.016 - .177	
	60	.1875 - .3125		.0595 - .165	
<b>Ultra 825</b> N08825 / 2.4858 23% Cr / 39.5% Ni / .01% C / 3.2% Mo / 1.7% Cu / .75% Ti / .8% Mn / .35% Si / .1% Al / Fe bal	43			.016 - .148	
	48	.3125 - .375		.0595 - .1874	
<b>Ultra 904L</b> N08904 / 1.4539 19.8% Cr / 24.2% Ni / .01% C / 4.3% Mo / 1.4% Cu	48	.1875 - .375		.016 - .177	
	60	.1875 - .375		.0595 - .165	
	72	.1875 - .375		.0595 - .165	
<b>Forta FDX 27</b> S82031 / 1.4637 19.0 - 22.0% Cr / 2.0 - 4.0% Ni / <0.04% C / .6 - 1.4% Mo .14 - .24% N / <2.5% Mn	48			.016 - .145	
<b>Forta LDX 2101</b> S32101 / 1.4162 21.5% Cr / 1.5% Ni / .03% C / .3% Mo / .22% N / 5% Mn Cu	48	.165 - .375		.016 - .145	
	60	.1875 - .375	.075 - .250	.0595 - .120	
	72	.1875 - .375	.075 - .135	.0595 - .165	

Grade UNS/DIN	Width Inches	1D/HRAP Gauge	2B Gauge	2E Gauge	2E Gauge
<b>Forta DX2205</b> S32205 / 1.4462 22.4% Cr / 5.7% Ni / 0.02% C / 3.1% M / .17% N	48	.1875 - .375		.016 - .145	
	60	.165 - .375		.0595 - .135	
	72	.1875 - .375		.0595 - .1874	
<b>Forta DX 2304</b> S32304 / 1.4362 23.0% Cr / 4.8% N / 0.02% C / 0.3% Mo / 0.10% N / Cu (other)	48			.016 - .145	
	60	.165 - .375		.0595 - .135	
	72	.1875 - .3125		.0595 - .165	
<b>Forta SDX 2507</b> S32750 / 1.4410 25.0% Cr / 7.0% N / 0.02% C / 4.0% Mo / 0.27% N	48			.016 - .145	
	60	.1875 - .3125		.0595 - .1874	
	72			.105 - .1874	
<b>Core 4622</b> S44330 / 1.4622 21.0% Cr / 0.02% C / Ti Nb Cu (other)	48		.020 - .118		
	59.055		.0315 - .118		
<b>Dura 17-7PH</b> S17700 / 1.4568 17.0% Cr / 0.08% C / 7.0% Ni / Al (other)	49.21				.032 - .078

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Please see all other product forms at [steelfinder.outokumpu.com](http://steelfinder.outokumpu.com)

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