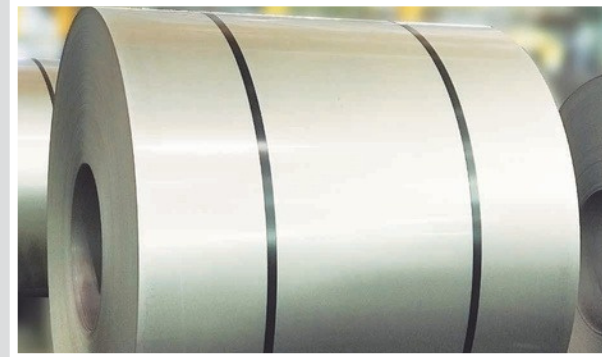




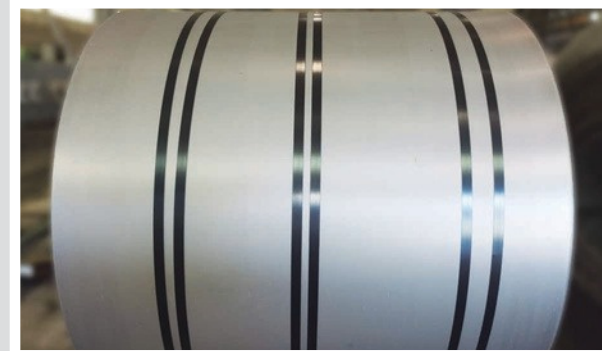
PRODUCTS



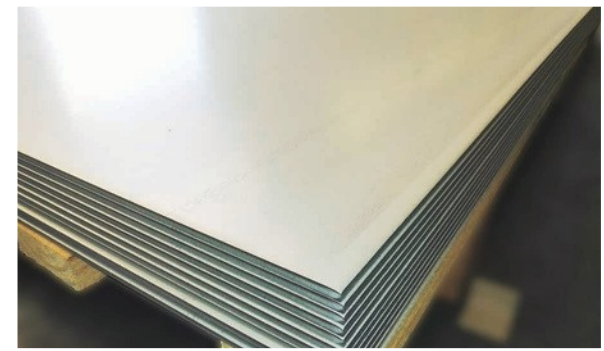
Cold rolled coil



Cold rolled sheet



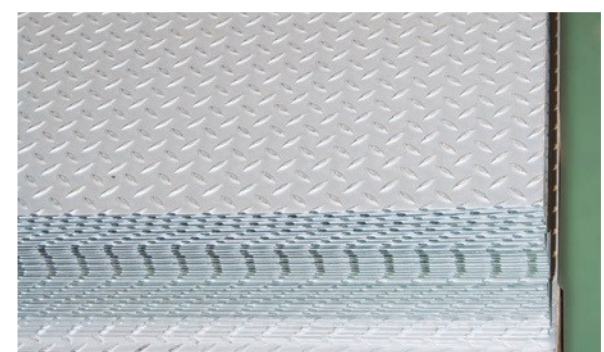
Hot rolled coil



Hot rolled sheet



Cold rolled coil (Strips)

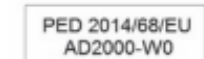


Chequered plate

Certification Bodies



Certificates



BAHRU STAINLESS SDN. BHD. (811430-H)

PL0 108, Jalan Rumbia 4,  
Tanjung Langsat Industrial Complex,  
81700 Pasir Gudang, Johor, Malaysia.  
Tel: +60-7 298 1599 Fax: +60-7 298 1534

YANKONG STAINLESS SDN BHD

**Headquarter**  
B-08-03, Menara Bata, Jalan PJU 8/9,  
Damansara Perdana, 47820 Petaling Jaya, Selangor, Malaysia.  
Tel: 03-7726 8666 Fax: 03-7726 3666

**Factory & Warehouse**  
Lot 14819, Jalan Udang Galah, Kampung Telok Gong,  
42000 Telok Gong, Port Klang, Selangor, Malaysia.  
Tel: 03-3134 2099 /3828 / 1658

**Branch**

**SEREMBAN BRANCH**  
YANKONG STAINLESS (SOUTHERN) SDN BHD  
10, Jalan Lombang Emas 7,  
Seremban Light Industrial Park, Jalan Tun Dr Ismail  
70200 Seremban, Negeri Sembilan, Malaysia.  
Tel: 06-763 6676 Fax: 06-763 9676

**JOHOR BRANCH**  
YANKONG STAINLESS (SOUTHERN) SDN BHD  
No 689, Jalan Idaman 2/17,  
Senai Industrial Park, Taman Perindustrian Senai,  
81400 Senai, Kulajaya,  
Johor, Malaysia.

**PENANG BRANCH**  
YANKONG STAINLESS (NORTHERN) SDN BHD  
No 17, Lorong IKS, Simpang Ampat L,  
14100 Simpang Ampat,  
Pulau Pinang, Malaysia.  
Tel: 016 4490068 / 016 4160611 Fax 04-684 1318

**IPOH BRANCH**  
YANKONG STAINLESS SDN BHD  
NO.10 I-Park Menglembu,  
Jalan Menglembu Impiana 32,  
31450 Ipoh, Perak, Malaysia  
Tel: 016-3394028 Fax: 05-2812457

**JOHOR BRANCH**  
YANKONG INDUSTRIES SDN BHD  
NO. 22, Jalan Maju 2,  
Taman Perindustrian Cemerlang,  
81800 Ulu Tiram, Johor, Malaysia.  
Tel: 07-8639977 Fax: 07-8639966

**Sales office & Warehouse**  
PT 9 (Lot 11509) HSM1679, Kawasan Perindustrian Sungai Balak,  
43000 Kajang, Selangor, Malaysia.  
PT 10 (Lot 58435) HSM1688, Kawasan Perindustrian Sungai Balak,  
43000 Kajang, Selangor, Malaysia.

**YK PIPE SDN BHD**  
Lot 9197, Jalan Besar Telok Gong, Telok Gong,  
42000 Pelabuhan Klang, Selangor, Malaysia.

BAHRU STAINLESS

Product catalogue







## STEEL GRADES

STRUCTURE	AISI	CHEMICAL COMPOSITION (%)										STANDARDS		APPLICATIONS
		C	Si	Mn	P	S	Cr	Ni	Mo	Ti	Others	EN	UNS	
AUSTENITIC	201	≤ 0.15	≤ 1.00	5.50 - 7.50	≤ 0.045	≤ 0.015	16.00 - 18.00	3.50 - 5.50	-	-	N 0.05 - 0.25	1.4372	S20100	Decoration, household
	301	0.05 - 0.15	≤ 1.00	≤ 2.00	≤ 0.045	≤ 0.015	16.00 - 18.00	6.00 - 8.00	≤ 0.08	-	N ≤ 0.10	1.4310	S30100	Architectural & automotive elements
	304	≤ 0.07	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	18.00 - 19.50	8.00 - 10.50	-	-	N ≤ 0.10	1.4301	S30400	Food industry, tableware, household
	304/304L	≤ 0.03	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	18.00 - 19.50	8.00 - 10.50	-	-	N ≤ 0.10	1.4301 / 1.4307	S30400 / S30403	Tubes, boilers industry
	316/316L	≤ 0.03	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	16.50 - 18.00	10.00 - 13.00	2.00 - 2.50	-	N ≤ 0.10	1.4401 / 1.4404	S31600 / S31603	Chemical industry
	316Ti	≤ 0.08	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	16.50 - 18.00	10.50 - 13.50	2.00 - 2.50	5C < Ti ≤ 0.7	N ≤ 0.10	1.4571	S31635	Chemical & petrochemical industry
	321	≤ 0.08	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	17.00 - 19.00	9.00 - 12.00	-	5(C+N) < Ti ≤ 0.7	N ≤ 0.10	1.4541	S32100	Tubes, welding constructions
310S	≤ 0.08	≤ 0.75	≤ 2.00	≤ 0.045	≤ 0.015	24.00 - 26.00	19.00 - 22.00	-	-	N ≤ 0.11	1.4845	S31008	Electrical resistance, refractory, high temperatures	
FERRITIC	409	≤ 0.03	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	10.50 - 11.70	≤ 0.50	-	Ti ≥ 6 (C+N) - 0.5 max	Nb max 0.17	1.4512	S40910	Automotive exhaust systems
	409	≤ 0.03	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	10.50 - 11.70	≤ 0.50	-	Ti ≥ 8 (C+N) and (0.15 - 0.5)	Nb max 0.1	1.4512	S40920	Automotive exhaust systems
	430	≤ 0.08	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	16.00 - 18.00	≤ 0.75	-	-	-	1.4016	S43000	Tableware, household, indoor deco applications, home electrical appliances
	436	≤ 0.08	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	16.00 - 18.00	-	0.75 - 1.25	-	7 (C+N) + 0.1 ≤ Nb ≤ 0.8 N ≤ 0.04	1.4526	S43600	Automotive exhaust systems
	*439	≤ 0.03	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	17.00 - 18.00	-	-	0.20 + 4(C+N) < (Ti+Nb) < 0.75	Al ≤ 0.15	1.4510	S43932	Washing machines, pipes, automotive exhaust systems
	**441	≤ 0.03	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	17.50 - 18.50	-	-	Ti (0.1 - 0.6)	0.3 + 3C ≤ Nb ≤ 1	1.4509	S43940	Automotive exhaust systems
	444	≤ 0.025	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	17.50 - 19.50	-	1.80 - 2.5	0.20 + 4 (C+N) < (Ti+Nb) < 0.8	-	1.4521	S44400	Food processing equipment, heat exchanger tubing, hot water tanks
	410S	≤ 0.08	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.015	12.00 - 13.50	≤ 0.6	-	-	-	1.4000	S41008	Petrochemical, annealing boxes
	SUS 430 J1L	≤ 0.025	≤ 1.00	≤ 1.00	≤ 0.040	≤ 0.03	16.00 - 20.00	-	-	8 (C+N) < (Ti+Nb+Zr) < 0.8	N (0-0.025) Cu (0.3-0.8)			Materials handling, road transport, rail transport
3CR12L	≤ 0.03	≤ 1.00	≤ 1.50	≤ 0.040	≤ 0.015	10.50 - 12.50	0.30 - 1.00	-	-	N max 0.03	1.4003	S41003	Materials handling, road transport, rail transport	
DUPLEX	2205	≤ 0.03	≤ 1.00	≤ 2.00	≤ 0.03	≤ 0.015	22.00 - 23.00	4.50 - 6.50	3.00 - 3.50	-	N 0.14 - 0.20	1.4462	S32205	Offshore platforms, construction in high corrosive media
	2001	≤ 0.03	≤ 1.00	4.00 - 6.00	≤ 0.035	≤ 0.03	19.50 - 21.50	1.50 - 3.00	0.1 - 0.6	-	N 0.05 - 0.17	1.4482	S32001	Offshore platforms, construction in high corrosive media
	2304	≤ 0.03	≤ 1.00	≤ 2.00	≤ 0.035	≤ 0.015	22.00 - 24.50	3.50 - 5.50	0.1 - 0.6	-	N 0.05 - 0.2, Cu 0.10-0.60	1.4362	S32304	Offshore platforms, construction in high corrosive media

\*439 is industry common name for ASTM S43932  
 \*\*441 is industry common name for ASTM S43940

Other stainless steel grades on request

## FINISHES

ASTM	EN 10088-2	DEFINITION	AVAILABLE GRADES
HOT ROLLED FINISHES			
N1	1D	Annealed and pickled material	All
Chequered plate (A 793)	1M	Hot rolled, chequered annealed and pickled material	Upon request
COLD ROLLED FINISHES			
2D	2D	Annealed and pickled material	All
2B	2B	Annealed, pickled and skin passed material	All
2BB*	-	Bright cold rolled, annealed, pickled and skin passed material	430 Thickness ≤ 0.8 mm
N4	2G	2B/2BB polished material with #180, #240, #400 grit belts	All
Satin Finish (Scotch Brite)	2K	2B/2BB polished material with special belts in order to achieve a smooth satin finish	All

## DIMENSIONS

PRODUCT	AISI	THICKNESS (mm)	Width (mm)	Length (mm)
Hot rolled coils (N1)	201, 301, 304, 304L	3.00 - 12.7 2.51 - 2.99 2.00 - 2.50	600 - 1524 600 - 1250 600 - 1000	1000 - 6096 **
	316, 316L, 321, 310S	4.00 - 12.70 3.00 - 3.99	600 - 1524 600 - 1250	
	3CR12L	3.00 - 12.00	600 - 1524	
	409, 430, 439, 436, 441 444, 410S	3.00 - 6.00	600 - 1524	
Hot rolled sheets (N1)	201, 301, 304, 304L	3.00 - 12.7 2.51 - 2.99 2.00 - 2.50	762 - 1524 762 - 1250 762 - 1000	1000 - 6096 **
	316, 316L, 321, 310S	4.00 - 12.7 3.00 - 3.99	762 - 1524 762 - 1250	
	3CR12L	3.00 - 12.00	762 - 1524	
	409, 430, 439, 436, 441 444, 410S	3.00 - 6.00	762 - 1524	
Hot rolled slits (N1)	201, 301, 304, 304L	2.00 - 6.00 6.00 - 8.50 8.00 - 10.00	71 - 600 100 - 600 300 - 600	1000 - 6096 **
	316, 316L, 321, 310S	3.00 - 6.00 6.00 - 8.50 8.50 - 10.00	71 - 600 100 - 600 300 - 600	
	3CR12L	3.00 - 6.00 6.00 - 8.50 8.50 - 10.00	71 - 600 100 - 600 300 - 600	
	409, 430, 439, 436, 441 444, 410S	3.00 - 6.00	71 - 600	
Cold rolled coils (2B/2D)	201, 301, 304, 304L 316, 316L, 321, 310S	0.3* - 0.49 0.5 - 3.00	600 - 1250 600 - 1500	1000 - 6096 **
	409, 430, 439, 436, 441 444	0.40 - 0.49 0.50 - 2.50	600 - 1250 600 - 1500	
	201, 301, 304, 304L 316, 316L, 321, 310S	0.3* - 0.49 0.5 - 3.00	600 - 1250 600 - 1500	
Cold rolled sheets (2B/2D)	409, 430, 439, 436, 441, 444	0.40 - 0.49 0.50 - 2.50	600 - 1250 600 - 1500	1000 - 6096 **
	201, 301, 304, 304L 316, 316L, 321, 310S	0.40 - 2.49 2.49 - 3.00	20 - 600 30 - 600	
Cold rolled slits (2B/2D)	201, 301, 304, 304L 316, 316L, 321, 310S	0.40 - 2.49 2.49 - 3.00	20 - 600 30 - 600	1000 - 6096 **
	409, 430, 439, 436, 441 444	0.40 - 2.50	20 - 600	

\*0.3 mm upon request. Not available in all grades

\*\* Thickness ≤ 2.5mm, length up to 6700mm & thickness > 2.5mm, length up to 7200mm upon request

## COATINGS

Usage	Thickness (µm)
Protection, anti-scratch	70
Laser cutting (Fiber + CO2)	100
Deep drawing	60

## MAX WEIGHT

FINISH	WIDTH (mm)				
	1000	1220	1250	1500	1524
MAX WEIGHT (kg/mm WIDTH)					
N1	19	19	19	17	16.5
2B / 2D	18	18	17.5	16	16
FINISH	WIDTH (mm)				
	1000	1220	1250	1500	1524
MAX WEIGHT (Mt)					
N1	19	23	23	25	25
2B / 2D	18	21.5	21.5	24	24.5