ROYAL ALLIANCE STEEL
TUBES TRADING LLC
الاعتماد الذهبي لتجارة الانابيب الفولاذية ذ.م.م

INDUSTRIAL STEEL SOLUTIONS

PRODUCT CATALOGUE

Stainless steel stockist - United Arab Emirates

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01 / COMPANY PROFILE

Built on trust.

Your partner in stainless steel and carbon steel supply across the Middle East.



Industrial Area 2, Sharjah, U.A.E.

Royal Alliance Steel Tubes Trading LLC (RAS) is a UAE-based supplier and stockist of stainless steel products, supported by global sourcing capabilities and established European brand relationships.

1,000+
Tons of SS seamless pipes

20+
Years of market experience

Global
Supply network

HEED STEEL

HEED STEEL CO. / BRAND PARTNERSHIP

RAS is a main distributor of Heed Steel in the Middle East, supplying stainless steel seamless pipes. from the brand through its UAE stock network. The partnership supports regional customers with commonly requested grades, schedules and material documentation, subject to order requirements.

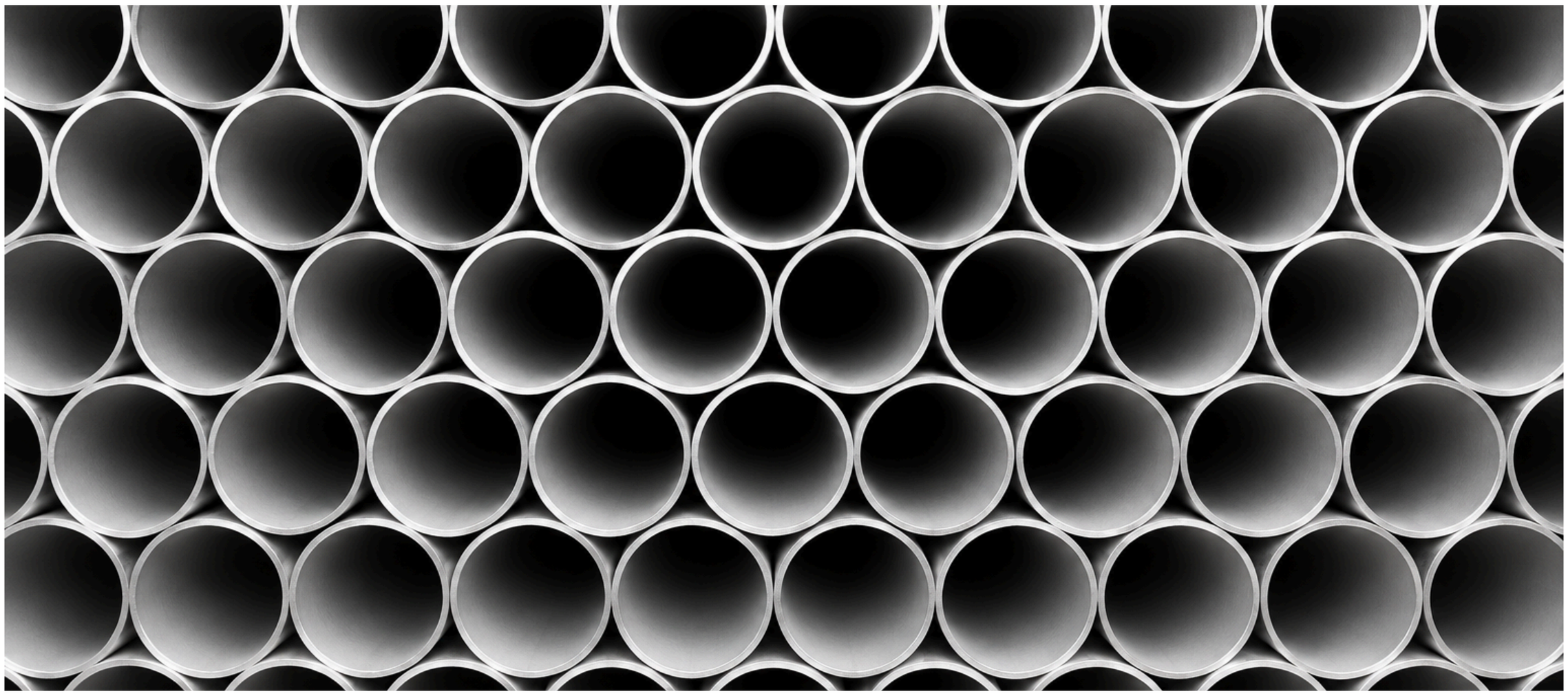
ISO 9001:2015

ICV برنامج المحتوى الوطني

02 / STAINLESS STEEL

Seamless / welded pipes

Industrial pipe products for process piping and demanding service.



PRODUCT RANGE & TECHNICAL REFERENCE	
Product forms	Seamless and welded stainless steel pipes
Typical grades	TP304/304L, TP316/316L; others on request
Reference standard	ASTM A312; ASME B36.19 / B36.10 as applicable
Schedules	5S, 10S, 40S, 80S and heavier walls on request
Supply	Standard and special lengths; subject to availability

TYPICAL APPLICATIONS

Oil & gas, petrochemical plants, process piping and industrial fabrication.

03 / STAINLESS STEEL

Polished tubes

Attractive surface finishes for architectural and fabrication applications.



PRODUCT RANGE & TECHNICAL REFERENCE

Product forms	Round, square and rectangular tubes on request
Typical grades	304 / 304L and 316 / 316L
Surface finishes	Satin, brushed and mirror polished on request
Reference standard	ASTM A554 as applicable
Dimensions	Outside diameter or section size, wall thickness and length

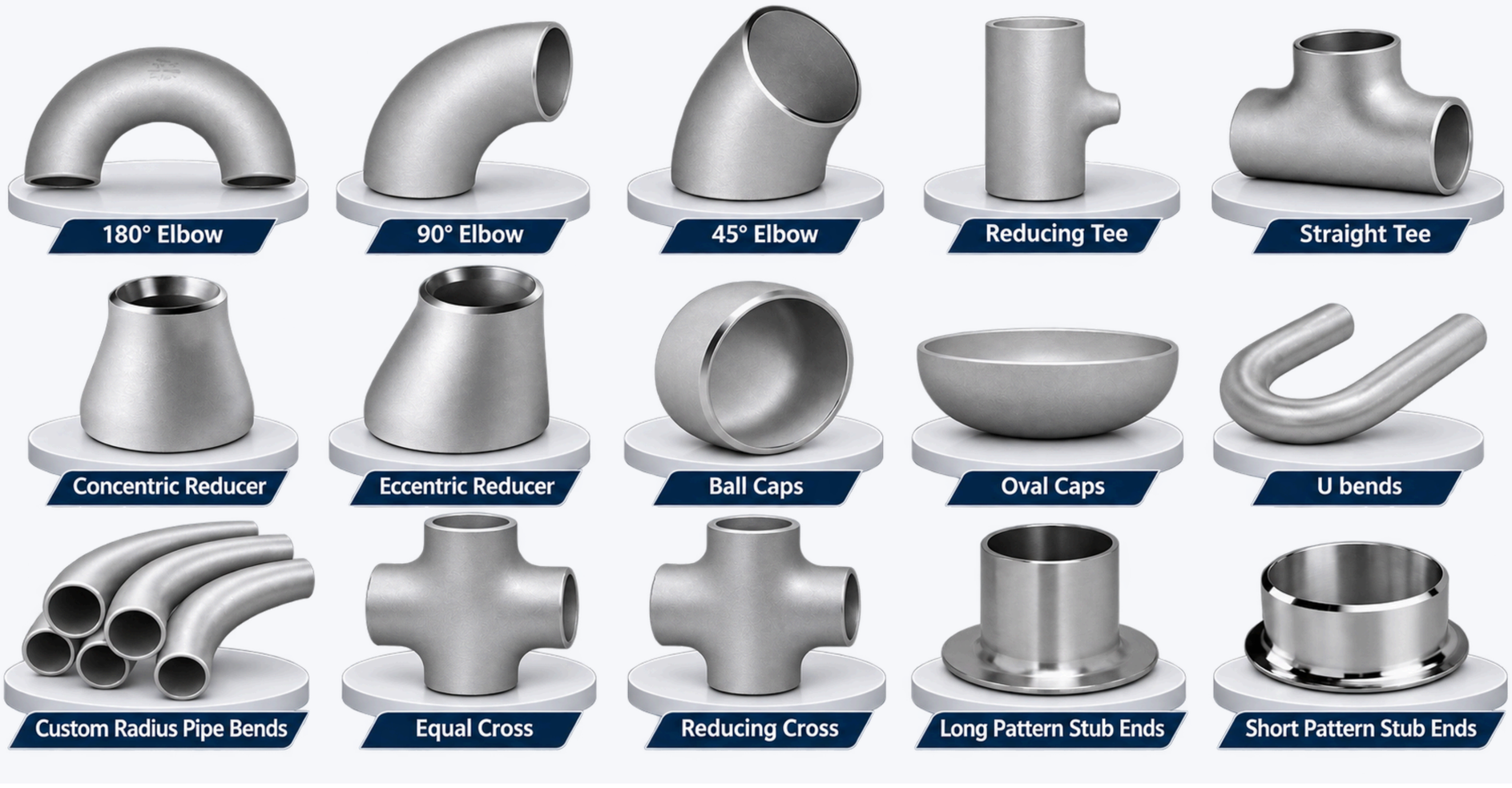
TYPICAL APPLICATIONS

Handrails, architectural features, decorative fabrication and furniture.

04 / STAINLESS STEEL

Butt weld fittings

Piping components for direction changes, branching and diameter transitions.



PRODUCT RANGE & TECHNICAL REFERENCE	
Elbows	45 and 90 degrees; long and short radius
Tees & crosses	Equal and reducing configurations
Reducers	Concentric and eccentric
Other products	Caps and stub ends
Reference standards	ASTM A403; ASME B16.9 / B16.28 as applicable

TYPICAL APPLICATIONS

Process piping, chemical plants, utilities and industrial fabrication.

05 / STAINLESS STEEL

Forged fittings

Compact forged components for threaded and socket-weld systems.



PRODUCT RANGE & TECHNICAL REFERENCE	
Product forms	Elbows, tees, crosses, couplings and unions
Connections	Socket weld and threaded
Other products	Bushings, plugs, caps and nipples
Typical grades	ASTM A182 F304/304L, F316/316L
Reference standards	ASME B16.11; pressure class as specified

TYPICAL APPLICATIONS

High-pressure piping, instrumentation and industrial systems.

06 / STAINLESS STEEL

Flanges

Bolted connection solutions for industrial piping and equipment.



PRODUCT RANGE & TECHNICAL REFERENCE	
Types	Weld neck, slip-on, blind, socket weld and threaded
Facing	Raised face, flat face and other options on request
Typical grades	ASTM A182 F304/304L, F316/316L
Reference standards	ASME B16.5 / B16.47; EN on request
Pressure class	As specified; subject to availability

TYPICAL APPLICATIONS

Oil & gas, water treatment, marine and process systems.

Valves

Flow control and isolation solutions for industrial service.



PRODUCT RANGE & TECHNICAL REFERENCE	
Product types	Ball, gate, globe, check and butterfly
Connections	Flanged, threaded and weld-end options
Materials	Stainless steel body and trim options
Selection	Pressure, temperature, fluid and service requirements
Supply	Manual and other actuation options on request

TYPICAL APPLICATIONS

Process control, utility networks and chemical plants.

08 / STAINLESS STEEL

Round bars

Stainless steel long products for machining and fabrication.



PRODUCT RANGE & TECHNICAL REFERENCE	
Product forms	Solid round bars
Typical grades	304/304L and 316/316L
Finishes	Hot rolled, peeled or bright on request
Reference standards	ASTM A276 / A479 as applicable
Dimensions	Diameter and length as specified

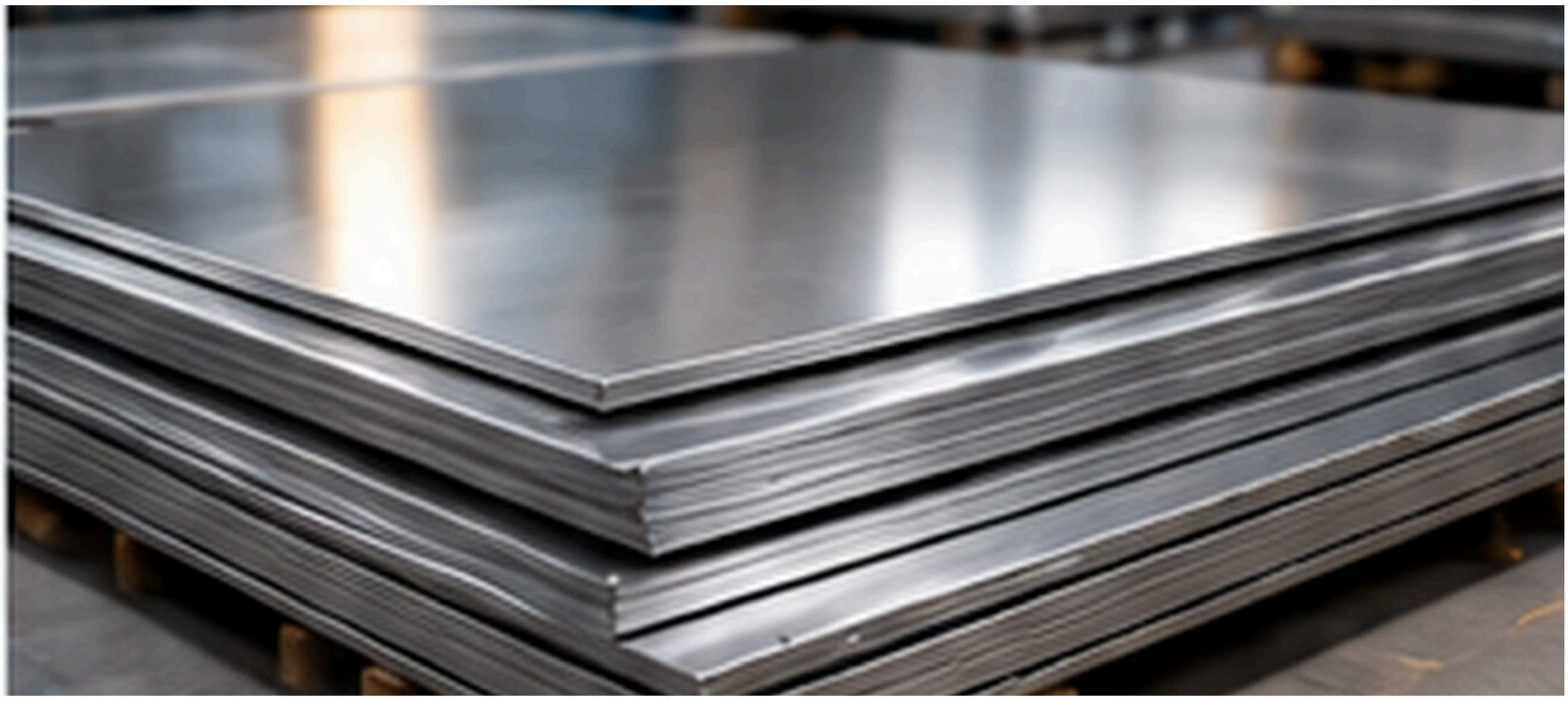
TYPICAL APPLICATIONS

Machining, shafts, components, fasteners and fabrication.

09 / STAINLESS STEEL

Sheets & plates

Flat stainless steel products for equipment and fabrication.



PRODUCT RANGE & TECHNICAL REFERENCE	
Product forms	Cold rolled sheets and hot rolled plates
Typical grades	304/304L and 316/316L
Finishes	2B, No. 1 and other finishes on request
Reference standard	ASTM A240 as applicable
Dimensions	Thickness, width and length as specified

TYPICAL APPLICATIONS

Tanks, equipment, architectural work and industrial fabrication.

10 / GLOBAL SOURCING

Carbon steel

Project-based sourcing through our supplier network.



PRODUCT RANGE & TECHNICAL REFERENCE	
Pipes & tubes	ASTM A106 / A53 / API 5L as applicable
Butt weld fittings	Elbows, tees, reducers and caps; ASTM A234 WPB
Forged fittings	Socket weld and threaded; ASTM A105
Flanges & valves	Various classes, materials and end connections
Structural steel	Beams, channels, angles and sections on request

TYPICAL APPLICATIONS

Energy, infrastructure, construction and fabrication.

11 / CERTIFICATION

Quality & Certifications

Committed to International Standards.





Certificates & Recognition
Our quality management system is certified to international standards, demonstrating our commitment to consistent product quality, regulatory compliance, and customer satisfaction.

ISO 9001 Certified
Quality management system certified to ISO 9001:2015.

ICV Certificate
Proudly ICV certified, supporting local industry and compliance.

Verified Documentation
Full mill test certificates and traceable records.

Reliable Quality Control
Strict inspection and testing procedures.

Quality Assurance Process
Our structured quality assurance process ensures consistent product quality, full traceability, and compliance with international standards.

Supplier Evaluation
We work with approved and reliable manufacturers.

Material Verification
All materials are verified with mill test certificates and specifications.

Certification Review
Products are checked against international standards and requirements.

Reliable Delivery
Quality products with complete documentation delivered on time.

12 / CONTACT & QUALITY

Let’s build together.

Speak with our team for stock availability and project requirements.



REQUEST A QUOTATION

Share the product type, grade, specification, dimensions, quantity, required origin, documentation and delivery location for a precise quotation.

royalalliancesteel@gmail.com

sales@royalalliancesteel.com

LANDLINE: +971 6 741 8016 | MOBILE: +971 52 578 8090, +971 50 105 4817

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STAINLESS STEEL PIPE

Schedule & dimension chart

ASME B36.19 / Nominal dimensions in millimetres

Nominal Pipe Size		Outside Diameter	Nominal Wall Thickness Schedule															
NPS	DN	OD	SCH 5s	SCH l0s	SCH 10	SCH 20	SCH 30	SCH 40s	SCH STD	SCH 40	SCH 60	SCH 80s	SCH XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	SCH XXS
1/8	6	10.3		1.24				1.73	1.73	1.73		2.41	2.41	2.41					
1/4	8	13.7		1.65				2.24	2.24	2.24		3.02	3.02	3.02					
3/8	10	17.1		1.65				2.31	2,31	2.31		3.20	3.20	3.20					
1/2	15	21.3	1.65	2.11				2.77	2.77	2.77		3.73	3.73	3.73				4.78	7.47
3/4	20	26.7	1.65	2.11				2.87	2.87	2.87		3.91	3.91	3.91				5.56	7.82
1	25	33.4	1.65	2.77				3.38	3.38	3.38		4.55	4.55	4.55				6.35	9.09
1 1/4	32	42.2	1.65	2.77				3.56	3.56	3,56		4.85	4.85	4.85				6.35	9.70
1 1/2	40	48.3	1.65	2.77				3.68	3.68	3.68		5.08	5.08	5.08				7.14	10.15
2	50	60.3	1.65	2.77				3.91	3.91	3.91		5.54	5.54	5.54				8.74	11.07
2 1/2	65	73	2.11	3.05				5.16	5.16	5.16		7.01	7.01	7.01				9.53	14.02
3	80	88.9	2.11	3.05				5.49	5.49	5.49		7.62	7.62	7.62				11.13	15.24
3 1/2	90	101.6	2.11	3.05				5.74	5.74	5.74		8.08	8.08	8.08					
4	100	114.3	2.11	3.05				6.02	6.02	6.02		8.56	8.56	8.56		11.13		13.49	17.12
5	125	141.3	2.77	3.40				6.55	6.55	6.55		9.53	9,53	9.53		12.70		15.88	19.05
6	150	168.3	2.77	3.40				7.11	7.11	7.11		10.97	10.97	10.97		14.27		18.26	21.95
8	200	219.1	2.77	3.76		6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23
10	250	273.1	3.40	4.19		6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
12	300	323.9	3.96	4.57		6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40
14	350	355.6	3.96	4.78	6.35	7.92	9.53		9.53	11.13	15.09		12.70	19.05	23.83	27.79	31.75	35.71	
16	400	406.4	4.19	4.78	6.35	7.92	9.53		9.53	12.70	i6.66		12.70	21.44	26.19	30.96	36.53	40.49	
18	450	457.2	4.19	4.78	6.35	7.92	11.13		9.53	14.27	19.05		12.70	23.83	29.36	34.93	39,67	45.24	
20	500	508	4.78	5.54	6.35	9.53	12.70		9.53	15.09	20.62		12.70	26.19	32.54	38.10	44.45	50.01	
22		559	4.78	5.54	6.35	9.53	12.70		9.53		22.23		12.70	28.58	34.93	41.28	47.63	53.98	
24	600	610	5.54	6.35	6.35	9.53	14.27		9.53	17.48	24.61		12.70	30.96	38.89	46.02	52.37	59.54	
26		660			7.92	12.70			9.53				12.70						
28	700	711			7.92	12.70	15.88		9.53				12.70						
30		762	6.35	7.92	7.92	12.70	15.88		9.53				12.70						
32	800	813			7.92	12.70	15.88		9.53	17.48			12.70						

Schedule columns indicate nominal wall thickness in mm. Dash = not listed. Reference: ASME B36.19 dimensional tables (InfraBuild Pipe & Fittings Data Charts). Confirm the applicable standard and edition before engineering use.