

Titanium Heat Exchanger Tubes

Product overview for heat exchanger, condenser, and evaporator tubing inquiries



Representative titanium tube bundles at a Qualified Manufacturing Partner Facility.

Commercial Scope

Titanium Heat Exchanger Tubes is the principal commercial product name. Titanium Condenser Tubes and Titanium Evaporator Tubes are used as application-specific terms. Supply is reviewed against the customer’s grade, standard, dimensions, manufacturing route, inspection requirements, quantity, and destination.

Inquiry item	Current public position
Grades	Grade 2: core inquiry grade. Grade 12: core inquiry grade subject to project-specific capability and documentation review. Other grades may be reviewed when separately confirmed.
Standards	ASTM B338: inquiry and project-review basis. ASME SB338: retained as an inquiry route; final applicability is confirmed for the specific project.
Routes	Seamless and welded routes may be reviewed as inquiry options. Availability is not assumed for every grade, dimension, or test combination.
Dimensions	Outer diameter, wall thickness, length, tolerances, and surface condition are confirmed against the individual inquiry before order acceptance.

Typical Application Areas

- Chemical-processing equipment
 - Evaporators and concentration systems
 - Energy equipment
- Heat exchangers and condensers
 - Desalination and marine service
 - Project-specific corrosion-resistant systems

Qualification note: this overview does not state a universal size range, MOQ, lead time, production capacity, tolerance, or blanket testing guarantee. Final supply scope is confirmed against the customer’s inquiry and applicable project documents.

Controlled Supply and Quality Review

Production is coordinated through qualified manufacturing partners. Beautiful Titanium manages requirement confirmation, production coordination, documentation review, packaging, and export delivery.



Titanium tube ends and surface condition.



In-process inspection at a Qualified Manufacturing Partner Facility.

Documentation and Inspection

- Mill Test Certificate issued by the manufacturer or mill
- Heat number and lot traceability information
- Chemical composition and mechanical property results
- Dimensional inspection records
- Nondestructive examination records when specified and applicable
- Pressure or leak testing records when specified and applicable
- Packing list and shipping documents

Independent inspection: third-party inspection, witnessed sampling, and additional testing can be coordinated by project. No blanket third-party certification claim is made.

Packaging and Export



Packaging is reviewed by order. Typical controls may include bundling and separation, end and surface protection, protective wrapping, reinforced support for long-length tubing, identification labels, and packing-document review.

Final packaging structure, dimensions, weight limits, Incoterm, and transport method are confirmed for each order.

How to Request a Review

1	Send grade, standard, OD, wall thickness, length, quantity, destination, and required delivery date.
2	Identify seamless or welded preference and any inspection, NDE, pressure-test, or third-party requirements.
3	Attach drawings, specifications, spreadsheets, and applicable project documents in your email.
4	We review the supply route, documentation, packaging, and delivery basis before quotation.

RFQ	General inquiry	Quality documents
sales@beautifultitanium.com	info@beautifultitanium.com	quality@beautifultitanium.com