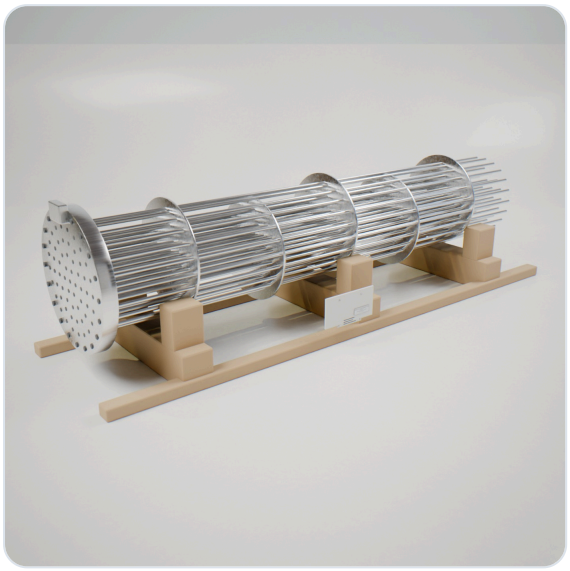
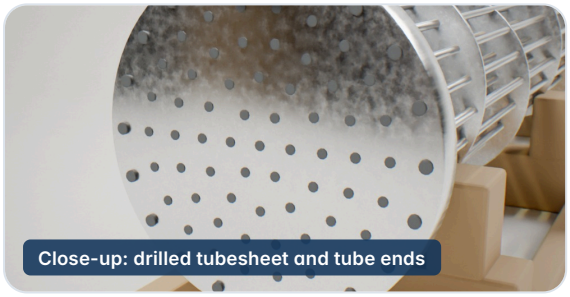
PRODUCT DATASHEET

Special-Alloy Replacement Tube Bundles

Build-to-print bundles in duplex, super duplex and nickel alloys

Product page





Close-up: drilled tubesheet and tube ends

OVERVIEW

The Tech Inc. Special-Alloy Replacement Tube Bundles replace corroded heat-exchanger bundles at turnarounds, built to the original drawing or to measurements of the old bundle. We make them in duplex, super duplex and nickel alloys when carbon steel or 316L bundles keep failing.

TYPICAL DESIGN DATA

Materials	Duplex 2205, super duplex 2507, 6Mo, Alloy 625, C-276, Alloy 20, Monel 400, 316L
Tube joints	Expanded, or expanded and seal- or strength-welded
Standards	TEMA and the original design code
Inspection	PMI, tube-to-tubesheet weld tests, helium or air leak test, dimensional record
Documents	Material certificates, procedure records, as-built drawing

MODELS AND CAPACITIES

- **TI-RTB-S** – bundle diameter up to about 600 mm, length up to 6 m
- **TI-RTB-L** – diameter about 1,000 to 1,400 mm, length up to 7 m
- **TI-RTB-M** – diameter about 600 to 1,000 mm, length up to 6 m
- **TI-RTB-R** – re-tubing of a client tubesheet, any size in this range

Bundles are built to print; these classes show what one order typically covers.

ORDERING CODE

Example **TI-RTB-M-U-SD-60**: **M** size class: S, M, L or R (re-tubing); **U** bundle type: S straight, U U-tube; **SD** tube material: D 2205, SD 2507, 6M 6Mo, 625, 276, M400 Monel; **60** bundle length in decimetres (60 = 6.0 m).

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** material upgrade study; re-tubing of a sound tubesheet; complete new exchanger; spare gaskets and studs; on-site measurement.

KEY ADVANTAGES

- **Build to print** – fits the existing shell and nozzles
- **Alloy upgrades** – duplex, super duplex and nickel alloys
- **Turnaround-ready** – short, fixed lead times agreed at order
- **Tested joints** – leak-tested before dispatch

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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