

Product & Technical Configuration



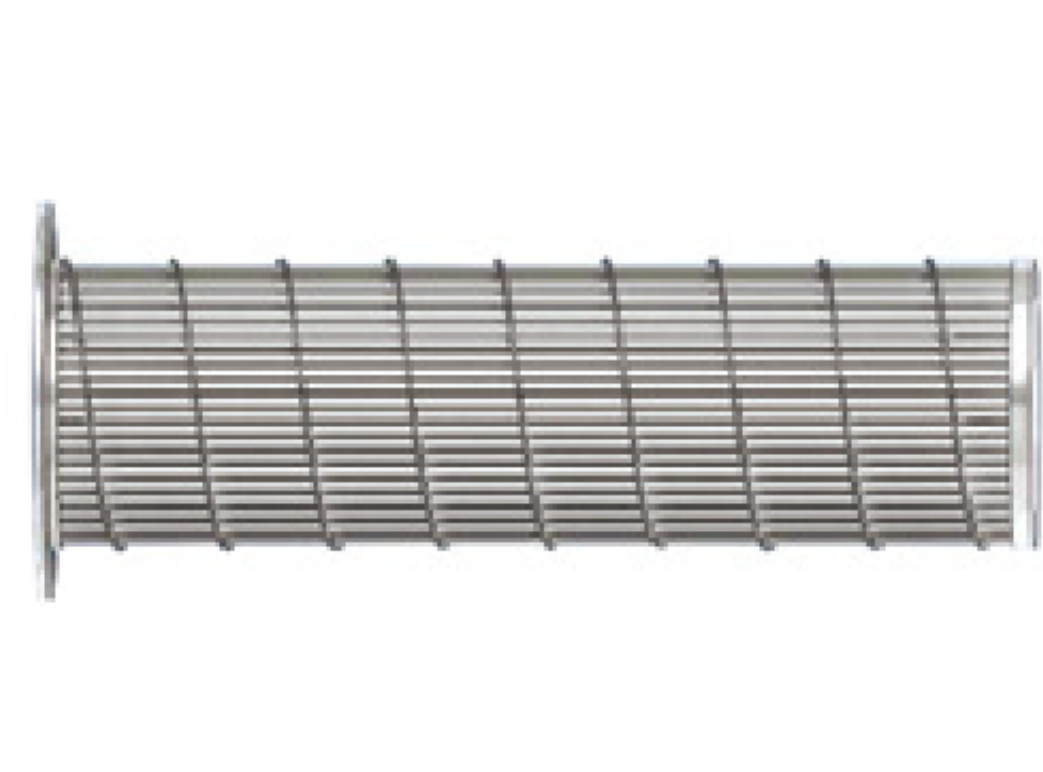
Overview

The assembly comprises a shell, tube bundle, tubesheets and heads. Large-diameter tubes, removable heads or U-tubes can be selected for the fluid and maintenance requirements in heating, cooling and condensation service.

Technical Configuration

Item	Configuration
Brand	IKUSE
Construction options	Large-diameter tubes, removable heads and U-tubes
Large-diameter tube options	19, 25 and 32 mm, among other sizes
Material options	Carbon steel, stainless steel, duplex stainless steel, titanium alloys and Hastelloy
Selection criteria	Fluid, corrosion conditions, thermal expansion and cleaning requirements

Construction & Maintenance



Straight tube bundle



U-tube bundle

Selection for Fluid & Cleaning

Large-diameter arrangements can use thick-wall metal tubes of 19, 25 and 32 mm, among other sizes, facilitating mechanical cleaning.

Removable heads facilitate frequent tube cleaning for viscous or particle-laden fluids.

A two-pass U-tube arrangement accommodates thermal expansion and helps reduce thermal stress on welded joints.