

## Sanitary Helical Static Mixing Unit with Tubing Housing and Tri-Clover Ferrule Flanged End Connections in Stainless Steel Construction

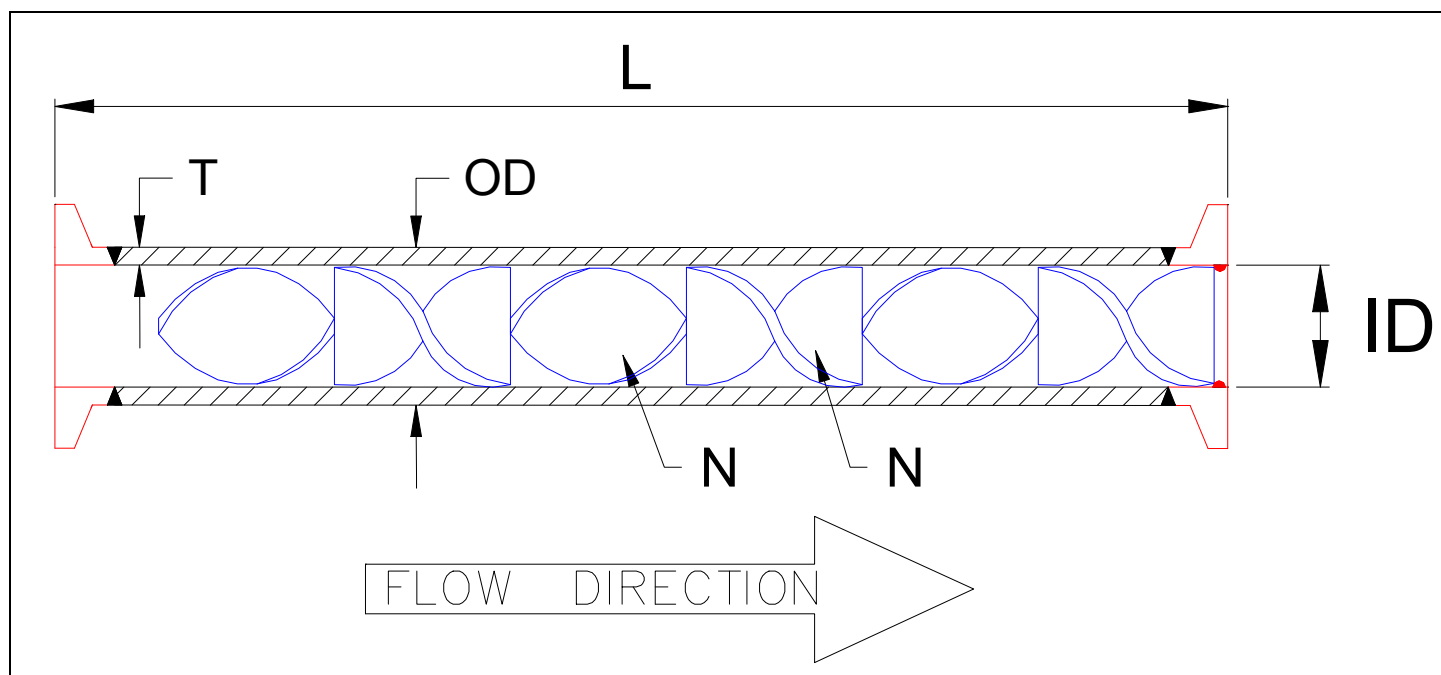


Model HT-50 Sanitary Helical Static Mixing units are suitable for use in sanitary applications in the food, pharmaceutical, cosmetic, beverage and other industries. The units are 316L S/S throughout with polished mixing elements and a 3A sanitary housing design with Tri-Clamp ferrule flange end connections. The mixing elements are removable for inspection and cleaning.

### Specifications & Accessories

- Mixing Elements: Electro-Polished to a surface finish of less than 32 micro-inch, Mixing Element Length-to-Diameter Ratio (L/D) = ~1.5; 316L S/S construction
- Housing: 3A sanitary design, 316L S/S construction
- End Connections: Tri-Clamp ferrule flanged ends; 316L S/S construction. Downstream Ferrule has smooth-flow machined mixing element retainer integral with ferrule.
- Accessories: Clamps and gaskets by customer

### Model HT-50



Model #	OD Housing (inches)	N Number of Helical Mixing Elements	L Total Length (inches)	T Housing Wall Thickness (inches)	I.D. Housing (inches)	Housing Working Pressure @ 100°F (psia)
HT-50-0.50-6-C	1/2 inch	6	4.5 inch	0.065 inch	0.37 inch	2,600 psia
HT-50-0.75-6-C	3/4 inch	6	7.0 inch	0.065 inch	0.62 inch	1,725 psia
HT-50-1.00-6-C	1.0 inch	6	11.0 inch	0.065 inch	0.87 inch	1,320 psia
HT-50-1.50-6-C	1-1/2 inch	6	14.0 inch	0.065 inch	1.37 inch	880 psia
HT-50-2.00-6-C	2.0 inch	6	19.0 inch	0.065 inch	1.87 inch	650 psia
HT-50-2.50-6-C	2-1/2 inch	6	23.5 inch	0.065 inch	2.37 inch	510 psia
HT-50-3.00-6-C	3.0 inch	6	30.0 inch	0.065 inch	2.87 inch	425 psia
HT-50-4.00-6-C	4.0-inch	6	40.0-inch	0.083-inch	3.834-inch	310 psia

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