

# Heat Exchanger Tube Plugs

## TP Series

Heat exchanger tube plugs seal the ends of leaking tubes, providing longer use of the heat exchanger. The uniform taper and the smooth surface finish assure positive sealing with minimum installation force.

### Sizes

Tube plugs are sized to fit tube diameters from 1/2 through 1 in. with standard wall thicknesses of

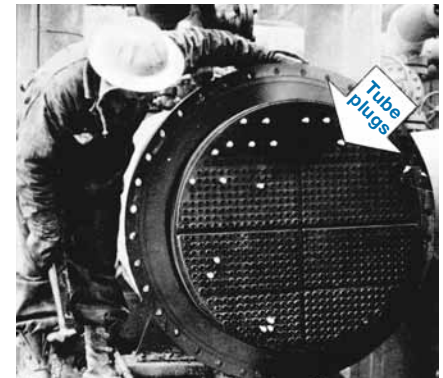
- 11 through 14 gauge
- 12 through 17 gauge
- 15 through 20 gauge

based on Birmingham or Stubs gauge system. Other sizes are available on request.

### Materials

Tube plugs are available in a variety of materials for system compatibility.

- Alloy 400/ASTM B164
- Alloy 600/ASTM B166
- Brass 360/ASTM B16
- 1214 carbon steel/ASTM A108
- 316 stainless steel/ASTM A479



Tube plugs driven into leaking tubes just before heat exchanger goes back into operation.

### Ordering Information and Dimensions

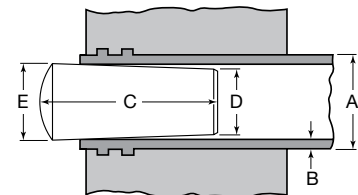
Dimensions, in inches (millimeters), are for reference only and are subject to change.

To order, add a material designator to a basic ordering number

Example: B-14TP-15-20

Material	Designator
Alloy 400	M
Alloy 600	INC
Brass	B
Carbon steel	S
Stainless steel	SS

A Tube Outside Diameter in. (mm)	B <sub>1</sub> Tube Wall Gauge	B <sub>2</sub> Tube Wall Thickness in. (mm)	Basic Ordering Number	Dimensions, in. (mm)		
				C Length	D Diameter	E Diameter
1/2 (12.7)	11-14	0.083 to 0.120 (2.1 to 3.0)	-8TP-11-14	1.55 (39.4)	0.280 (7.1)	0.366 (9.3)
	15-20	0.035 to 0.072 (0.9 to 1.8)	-8TP-15-20	1.56 (39.6)	0.371 (9.4)	0.457 (11.6)
5/8 (15.9)	11-14	0.083 to 0.120 (2.1 to 3.0)	-10TP-11-14	1.57 (39.9)	0.405 (10.3)	0.491 (12.5)
	15-20	0.035 to 0.072 (0.9 to 1.8)	-10TP-15-20	1.58 (40.1)	0.496 (12.6)	0.582 (14.8)
3/4 (19.1)	11-14	0.083 to 0.120 (2.1 to 3.0)	-12TP-11-14	1.58 (40.1)	0.530 (13.5)	0.616 (15.6)
	12-17	0.058 to 0.109 (1.5 to 2.8)	-12TP-12-17	2.09 (53.1)	0.546 (13.9)	0.663 (16.8)
	15-20	0.035 to 0.072 (0.9 to 1.8)	-12TP-15-20	1.59 (40.4)	0.621 (15.8)	0.707 (18.0)
7/8 (22.2)	11-14	0.083 to 0.120 (2.1 to 3.0)	-14TP-11-14	1.60 (40.6)	0.650 (16.5)	0.736 (18.7)
	15-20	0.035 to 0.072 (0.9 to 1.8)	-14TP-15-20	1.62 (41.1)	0.746 (18.9)	0.832 (21.1)
1 (25.4)	11-14	0.083 to 0.120 (2.1 to 3.0)	-16TP-11-14	1.62 (41.1)	0.780 (19.8)	0.866 (22.0)
	12-17	0.058 to 0.109 (1.5 to 2.8)	-16TP-12-17	2.11 (53.6)	0.793 (20.1)	0.910 (23.1)
	15-20	0.035 to 0.072 (0.9 to 1.8)	-16TP-15-20	1.63 (41.4)	0.871 (22.1)	0.957 (24.3)



**Safe Product Selection**

**When selecting a product, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.**

**Caution: Do not mix or interchange parts with those of other manufacturers.**

**Warranty Information**

Swagelok products are backed by The Swagelok Limited Lifetime Warranty. For a copy, visit [swagelok.com](http://swagelok.com) or contact your authorized Swagelok representative.