



## TUBE PLUGS

### INTRODUCTION

TECO produces a range of "TECO PLUG" tube plugs, which are used in heat exchangers to maintain a safe and leak-tight seal under the most severe conditions. The TECO Plugs are used in leaking tubes or as a preventive seal. The TECO plugs are characterized by the simple, quick and especially safe installation, and also the extreme durable character of this system.

### ORDERING INFORMATION

When ordering the TECO plugs, please provide the following information:

1. Tube OD and wall thickness and/or measured tube ID.
2. Thickness of tube sheet, diameter and pitch of the tubes.
3. Tube and tube sheet material.
4. Maximum pressure and temperature.
5. Type of tube-to-tube sheet joint (rolled and/or welded etc).
6. Is there a water head/divider plate, and if yes, also all the dimensions.
7. Condition of tubes and age of heat exchanger.

### TECO PLUG®

### INSTALLATION EQUIPMENT

The installation equipment hydraulically installs TECO plugs in seconds. The package is compact and easy to use.

#### The total package includes:

- Specially designed TECO hydraulic ram.
- Air activated hydraulic pump.
- High pressure hose (3m).
- Pressure gauge.
- Storage box.

### STANDARD MATERIALS

#### The plugs are available in the following materials:

Carbon Steel – C  
 Brass – B  
 Stainless steel 316L – S  
 Monel – M

For alternative materials, such as Titanium you can contact TECO.

Always ensure that you use a compatible plug for each type of tube to prevent thermal and/or chemical reactions occurring.

**Replace the letter X by the code of the requested material (as mentioned above)**

TECO Plug kit	Tube ID. (mm)	Complete pull rod & plug Positioner diameter	Complete pull rod extension
IPK – 100 – X	10.0 – 10.5	IPST – 100 –110 Diameter 10 mm	IPSTV-100-125-300
IPK – 105 – X	10.5 – 11.0		
IPK – 110 – X	11.0 – 11.5		
IPK – 115 – X	11.5 – 12.0	IPST – 115 –125 Diameter 11.5 mm	IPSTV-100-125-300
IPK – 120 – X	12.0 – 12.5		
IPK – 125 – X	12.5 – 13.0		
IPK – 130 – X	13.0 – 13.5	IPST – 130-145 Diameter 13 mm	IPSTV-130-165-300
IPK – 135 – X	13.5 – 14.0		
IPK – 140 – X	14.0 – 14.5		
IPK – 145 – X	14.5 – 15.0	IPST – 150-165 Diameter 15 mm	IPSTV-130-165-300
IPK – 150 – X	15.0 – 15.5		
IPK – 155 – X	15.5 – 16.0		
IPK – 160 – X	16.0 – 16.5	IPST – 170-190 Diameter 17 mm	IPSTV-170-300-300
IPK – 165 – X	16.5 – 17.0		
IPK – 170 – X	17.0 – 17.5		
IPK – 175 – X	17.5 – 18.0	IPST – 195-215 Diameter 19.5 mm	IPSTV-170-300-300
IPK – 180 – X	18.0 – 18.5		
IPK – 185 – X	18.5 – 19.0		
IPK – 190 – X	19.0 – 19.5	IPST – 220-240 Diameter 22 mm	IPSTV-170-300-300
IPK – 195 – X	19.5 – 20.0		
IPK – 200 – X	20.0 – 20.5		
IPK – 205 – X	20.5 – 21.0	IPST – 245-265 Diameter 24.5 mm	IPSTV-170-300-300
IPK – 210 – X	21.0 – 21.5		
IPK – 215 – X	21.5 – 22.0		
IPK – 220 – X	22.0 – 22.5	IPST – 270-290 Diameter 27 mm	IPSTV-170-300-300
IPK – 225 – X	22.5 – 23.0		
IPK – 230 – X	23.0 – 23.5		
IPK – 235 – X	23.5 – 24.0		
IPK – 240 – X	24.0 – 24.5		
IPK – 245 – X	24.5 – 25.0		
IPK – 250 – X	25.0 – 25.5		
IPK – 255 – X	25.5 – 26.0		
IPK – 260 – X	26.0 – 26.5		
IPK – 265 – X	26.5 – 27.0		
IPK – 270 – X	27.0 – 27.5		
IPK – 275 – X	27.5 – 28.0		
IPK – 280 – X	28.0 – 28.5		
IPK – 285 – X	28.5 – 29.0		
IPK – 290 – X	29.0 – 29.5		

A kit consists of : 10 pcs. plugs, 1 pcs. tube cleaning brush and 1 pcs. caliper

