

## Low Pressure Break Away Plug T01



Break Away plugs are a serrated expanding three piece plug designed to expand to a predetermined diameter when applied with a specified load for installation.

The Break Away plugs are for safe plugging of corroded or leaking tubes in condensers, heat exchangers, chillers, and boilers. In addition to plugging leaking tubes, these permanent plugs can be used to plug tube sheet holes after tubes have been removed. The benefit to the Break Away plug: the tube plug will not damage the tube sheet, tube sheet hole, or neighboring tube sheet holes.

Benefits to using Break Away plugs:

- No welding needed; no sparks, flames, or risk of explosion
- Faster outages and turn-around times
- Preservation of the tube sheet
- Plugs and tooling are compatible with competitor's tooling and systems

### **What you'll need:**

#### Break Away Plugs

We offer two Break Away plugs; the T01 rated up to 1,000 psi. Plugs are recommended to be the same or of similar material as the tubes being plugged.

#### Installation System

This lightweight, small, hydraulic system will install Break Away plugs fast and efficiently. The installation tool can also be used for through the tube plugging when using the channel head pull rod assembly.

#### Pull Rod Assembly

Used for near end tube plugging, the pull rod assembly in conjunction with the installation system securely installs tube plugs. Replacement parts are available.

#### Channel Head Pull Rod Assembly

Use this assembly to install plugs when channel heads are present or for through the tube plugging when combined with the appropriate extension rods.

#### Removal Tool

Plugs can be removed for re-tubing or re-plugging purposes. The process is fast, safe, and easy with the plug removal tool.

#### Brush Kit

Brush kits contain several brushes to clean tube ID's before plug installation. Aggressiveness of the brush depends on the tube material. It is important that the Inside Diameter of the tubes are clear of any scale or debris before the plugs are installed to assure proper installation of plugs.

View the following pages for plug sizing and installation equipment

Questions? Need to place an order? Contact us:

Tel: 1-800-726-1026 Fax: 718-786-6090 Web: [www.robinsontubetools.com](http://www.robinsontubetools.com) Email: [sales@johnrrobinsoninc.com](mailto:sales@johnrrobinsoninc.com)

**T01 LOW PRESSURE BREAK AWAY PLUG**

Rated up to 1,000 psi

Plugs can be manufactured out of various materials such as Brass, Carbon Steel, Stainless Steel 316 & 304, Titanium, Chrome Moly, Cu/Ni 70/30 & 90/10, Monel, Duplex, Incoloy, Inconel, and others.

Part Number	Plug Size	Tube ID/Plug Range	
		In	MM
T01-471-X	0.471	.472 - .515	11.99 - 13.08
T01-491-X	0.491	.492 - .540	12.50 - 13.72
T01-512-X	0.512	.513 - .562	13.03 - 14.27
T01-524-X	0.524	.525 - .585	13.34 - 14.86
T01-555-X	0.555	.556 - .616	14.12 - 15.65
T01-584-X	0.584	.585 - .649	14.85 - 16.48
T01-621-X	0.621	.622 - .689	15.80 - 17.50
T01-649-X	0.649	.650 - .713	16.51 - 18.11
T01-670-X	0.670	.671 - .740	17.04 - 18.80
T01-712-X	0.712	.713 - .777	18.11 - 19.74
T01-735-X	0.735	.736 - .810	18.69 - 20.57
T01-774-X	0.774	.775 - .838	19.69 - 21.29
T01-804-X	0.804	.805 - .890	20.45 - 22.61
T01-837-X	0.837	.838 - .902	21.29 - 22.91
T01-853-X	0.853	.854 - .949	21.69 - 24.10
T01-899-X	0.899	.900 - .963	22.86 - 24.46
T01-919-X	0.919	.920 - 1.019	23.37 - 25.88
T01-962-X	0.962	.963 - 1.027	24.46 - 26.09
T01-979-X	0.979	.980 - 1.079	24.89 - 27.41
T01-1024-X	1.024	1.025 - 1.088	26.04 - 27.64
T01-1054-X	1.054	1.055 - 1.154	26.80 - 29.31
T01-1087-X	1.087	1.088 - 1.152	27.64 - 29.26
T01-1103-X	1.103	1.104 - 1.203	28.04 - 30.56
T01-1149-X	1.149	1.150 - 1.213	29.21 - 30.81
T01-1171-X	1.171	1.172 - 1.270	29.77 - 32.26
T01-1212-X	1.212	1.213 - 1.336	30.81 - 33.93
T01-1334-X	1.334	1.335 - 1.458	33.91 - 37.03
T01-1456-X	1.456	1.457 - 1.579	37.01 - 40.11
T01-1578-X	1.578	1.579 - 1.701	40.11 - 43.21
T01-1700-X	1.700	1.701 - 1.823	43.21 - 46.30
T01-1822-X	1.822	1.823 - 1.945	46.30 - 49.40
T01-1944-X	1.944	1.945 - 2.067	49.40 - 52.50

Plug Positioner	Pull Rod Assembly	Channel Head Pull Rod Assembly	Tube Preparation Brush Kit
PPA471	PRAA471	CH-471-YY	BBK-471-(A)
PPA491	PRAA491	CH-491-YY	BBK-491-(A)
PPA512	PRAA512	CH-512-YY	BBK-512-(A)
PPA524	PRAA524	CH-524-YY	BBK-524-(A)
PPA555	PRAA555	CH-555-YY	BBK-555-(A)
PPA584	PRAA584	CH-584-YY	BBK-584-(A)
PPA621	PRAA621	CH-621-YY	BBK-621-(A)
PPA649	PRAA649	CH-649-YY	BBK-649-(A)
PPA670	PRAA670	CH-670-YY	BBK-670-(A)
PPA712	PRAA712	CH-712-YY	BBK-712-(A)
PPA735	PRAA735	CH-735-YY	BBK-735-(A)
PPA774	PRAA774	CH-774-YY	BBK-774-(A)
PPA804	PRAA804	CH-804-YY	BBK-804-(A)
PPA837	PRAA837	CH-837-YY	BBK-837-(A)
PPA853	PRAA853	CH-853-YY	BBK-853-(A)
PPA899	PRAA899	CH-899-YY	BBK-899-(A)
PPA919	PRAA919	CH-919-YY	BBK-919-(A)
PPA962	PRAA962	CH-962-YY	BBK-962-(A)
PPA979	PRAA979	CH-979-YY	BBK-979-(A)
PPA1024	PRAA1024	CH-1024-YY	BBK-1024-(N)
PPA1054	PRAA1054	CH-1054-YY	BBK-1054-(N)
PPA1087	PRAA1087	CH-1087-YY	BBK-1087-(N)
PPA1103	PRAA1103	CH-1103-YY	BBK-1103-(N)
PPA1149	PRAA1149	CH-1149-YY	BBK-1149-(N)
PPA1171	PRAA1171	CH-1171-YY	BBK-1171-(N)
PPA1212	PRAA1212	CH-1212-YY	BBK-1212-(N)
PPA1334	PRAA1334	CH-1334-YY	BBK-1334-(N)
PPA1456	PRAA1456	CH-1456-YY	BBK-1456-(N)
PPA1578	PRAA1578	CH-1578-YY	BBK-1578-(N)
PPA1700	PRAA1700	CH-1700-YY	BBK-1700-(N)
PPA1822	PRAA1822	CH-1822-YY	BBK-1822-(N)
PPA1944	PRAA1944	CH-1944-YY	BBK-1944-(N)

X = Material  
A = Aggressive brushes for carbon steel & stainless steel

YY = Length  
N = Nylon coated brushes  
No suffix for brass

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