

High Pressure Break Away Plug T07



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 T07 rated up to 7,000 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 Email: sales@johnrrobinsoninc.com

T07 HIGH PRESSURE BREAK AWAY PLUG

Rated up to 7,000 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
T07-400-X	0.400	.401 - .420	10.19 - 10.68
T07-420-X	0.420	.421 - .440	10.69 - 11.19
T07-440-X	0.440	.441 - .460	11.20 - 11.70
T07-460-X	0.460	.461 - .480	11.71 - 12.21
T07-480-X	0.480	.481 - .500	12.22 - 12.72
T07-500-X	0.500	.501 - .520	12.73 - 13.22
T07-520-X	0.520	.521 - .540	13.23 - 13.73
T07-540-X	0.540	.541 - .560	13.74 - 14.24
T07-560-X	0.560	.561 - .580	14.25 - 14.75
T07-580-X	0.580	.581 - .600	14.76 - 15.26
T07-600-X	0.600	.601 - .620	15.27 - 15.76
T07-620-X	0.620	.621 - .640	15.77 - 16.27
T07-640-X	0.640	.641 - .660	16.28 - 16.78
T07-660-X	0.660	.661 - .680	16.79 - 17.29
T07-680-X	0.680	.681 - .700	17.30 - 17.80
T07-700-X	0.700	.701 - .720	17.81 - 18.30
T07-720-X	0.720	.721 - .740	18.31 - 18.81
T07-740-X	0.740	.741 - .760	18.82 - 19.32
T07-760-X	0.760	.761 - .780	19.33 - 19.83
T07-780-X	0.780	.781 - .800	19.84 - 20.34
T07-800-X	0.800	.801 - .820	20.35 - 20.84
T07-820-X	0.820	.821 - .840	20.84 - 21.35
T07-840-X	0.840	.841 - .860	21.36 - 21.86
T07-860-X	0.860	.861 - .880	21.87 - 22.37
T07-880-X	0.880	.881 - .900	22.38 - 22.88
T07-900-X	0.900	.901 - .920	22.89 - 23.38
T07-920-X	0.920	.921 - .940	23.39 - 23.89
T07-940-X	0.940	.941 - .960	23.90 - 24.40
T07-960-X	0.960	.961 - .980	24.41 - 24.91
T07-980-X	0.980	.981 - 1.00	24.92 - 25.42
T07-1000-X	1.000	1.001 - 1.020	25.43 - 25.92
T07-1020-X	1.020	1.021 - 1.040	25.93 - 26.43
T07-1040-X	1.040	1.041 - 1.060	26.44 - 26.94
T07-1060-X	1.060	1.061 - 1.080	26.95 - 27.45
T07-1080-X	1.080	1.081 - 1.100	27.46 - 27.96
T07-1100-X	1.100	1.101 - 1.120	27.97 - 28.46
T07-1120-X	1.120	1.121 - 1.140	28.47 - 28.97
T07-1140-X	1.140	1.141 - 1.160	28.98 - 29.48
T07-1160-X	1.160	1.161 - 1.180	29.49 - 29.99

PLUG POSITIONER	PULL ROD ASSEMBLY	CHANNEL HEAD PULL ROD
PPA-400-440	PRAA-400-580	CH-400-580-YY
PPA-460-500		CH-400-580-YY
PPA-520-580		CH-400-580-YY
PPA-600-680	PRAA-600-860	CH-600-860-YY
PPA-700-780		CH-600-860-YY
PPA-800-860		CH-600-860-YY
PPA-880-960	PRAA-880-1160	CH-880-1160-YY
PPA-980-1060		CH-880-1160-YY
PPA-1080-1160		CH-880-1160-YY

X = Material

YY = Length

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