



FAQ on High Pressure Beta Plugs

1. Do not use these plugs when the pressure difference is greater than 1,000 psig.
2. In applications for stainless steel Beta plugs below 400 °f particularly those for oil exchanger applications, VITON seal materials are typically utilized. For temperatures above 400 f particularly those steam/water exchanger applications, high-temp EPDM seal materials are typically utilized. Max temperature limit is 550 °f. O-ring compatibility with fluid systems should be checked by the purchaser.
3. All commercial brass Beta plugs should not be used for temperature applications above 350 °f. For oil exchanger applications, VITON seal materials are typically utilized. For steam/water exchanger applications, high-temp EPDM seal materials are typically utilized. O-ring compatibility with fluid systems should be checked by the purchaser.
4. Use caution during shell side pressure tests, do not stand directly in front of the plugged tubes.
5. When ambient temperature is below 60 °F make sure the O rings are preheated in warm water prior to installation. Cold temperatures directly affect the stiffness/durometer of the O ring and will make the proper compression difficult.
6. Make sure the internal surface to be plugged is suitable. Machining may be required to give a clean and concentric.
7. Surface polishing is recommended in all cases (125 rms minimum finish). A 63 rms finish or better is recommended at the O ring location for feedwater heaters.
8. Do not attempt to remove plug with any positive pressure on the shell side.
9. Using these plugs for other than their intended purpose may cause damage to the plugs and/or injury to personnel.
10. Heat Exchanger Products Corp. is not responsible for any injury or damage to equipment resulting from misuse of these plugs.